



DRAKE EXPLORATION
I N C O R P O R A T E D

P.O. Box 52096, TULSA, OK 74152-0096
918 748 8835 OR 918 606 3056

Drake Exploration, Inc.

Workover Prognosis Six Wells

Muskogee County, Oklahoma

Prepared by: Charles Patrick, Consulting Engineer
Guidance Petroleum, LLC, Broken Arrow ,Oklahoma
&
Michael E. Flick, President
Drake Exploration, Inc., Tulsa, Oklahoma
June 2019



Drake Exploration, Inc.

**P.O. Box 52096
Tulsa, Oklahoma 74152-0096
Tel. (918) 748 8835**

OBJECTIVES:

Drake Exploration, Inc. will move ahead with well known, familiar contractors and suppliers to workover six (6) of its 100% owned and operated wells, Southwest of Haskell, Oklahoma. These wells are inside a 1.2 miles area of operations. Our objective via this presentation is to secure a 50% working interest partner. Drake Exploration, Inc. began its presence in this area **August 1984**. Our first well was the Baker #1, which had blown-out, caught fire in 1981, ruined the drilling rig, later completed by the original operator then abandoned. The Baker #1 is the 3rd well in our order herein and it will be converted as the central source for all saltwater disposal from the five(5) other wells in our halo of operations.

PROGRAM SUMMARY

- *Remove from each wellbore the sucker rods, tubing & pump; lay on racks.**
- *Inspect rods for wear.**
- *Send downhole pump for servicing or replacement.**
- *Pressure test tubing to 5000psi and replace burst joints as required.**
- *Steam clean tubing; tally(measure) tubing**
- *Log wellbore(if reqd.); perforate , acidize or fracture treat based on planning.**
- *Evaluate stimulation work by swab testing**
- *Use excess time to evaluate the visual and testing results observed/measured.**
- *Assure pumping units and motors in place are satisfactory for each well.**
- *Return well to production; observe oil/gas/saltwater production ratios.**
- *Make regular, daily reports to all parties directly concerned.**



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TOLES #1 & #2
S/2 NE/4 Sec. 23-15N-15E
Muskogee Co.,Ok.

Drake Exploration, Inc.

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IV. DETAILED PROGRAM Toles #1

Objective: Pull Well, Inspect Downhole Equipment Repair / Replace, Perforate, Cavanal Coal (a/k/a Sam Creak Coal) @ 4 spf 690' - 694' / Clean Up Dutcher Sand 1,700' - 1,720'.

1. Move in and Rig Up Workover Rig (Sean Marvel Well Service).
2. POOH with rods, downhole pump and lay on rack for inspection / repair / replace.
3. POOH with tubing lay on rack for Hydro-Test / replace as reqd. (Davis Pipe Test).
4. Run In Hole with Retrievable Bridge Plug RBP. Set at 800' (Horton Tool).
5. Move In Water Truck and load hole with fresh water treated with 2% KCL (Jobe Tank Truck).
6. Perforate Cavanal Coal 690' - 694', at 4 shots/ft with 120° phasing (Elite Wireline).
7. TIH. Swab 4" casing until dry to determine evidence of native pressure. If pressure is good proceed to #8.
8. Fresh water frac with 4000gals (96bbbls), 2% KCL water (Tomahawk).
9. Swab casing and observe gas & water entry.
10. Swab until rates stabilize. Rig-Up one pen (differential) gas recorder to annulus.
11. SI overnight recording gas flow volume via recorder.
12. Arrive location: Evaluate result, swab well, Remove retrievable bridge plug. Go in hole w/ tubing and packer; set packer @ 1500' with tail joints below packer to treat Dutcher 1700-06' down tubing.
13. Use paraffin solvent or "drip gas" to pump 500gals into zone down tubing into Dutcher Sand. Let stand for 30 minutes.
14. Pull tubing and packer, run tubing, pump with rods; rebuild well & begin pumping operations. Release rig to Lewis #4 well site.

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III. WELL DATA Toles #1

API Number: 35-101-21294

Well Location: County: Muskogee, Section 23, Township 15N, Range: 15E
1,155' from South of Sec Line & 2,335' from West of Section Line.

Lat: / Long: 35.765305, -95.678424

Elevations: 614.7' GL

TD: 1,747' KB

Casing: 8 5/8" 24#/ft, Grade 2, set at 256'
4 1/2" 9 #/ft, Grade 2, set at 1,747'

Cement: 8 5/8" Sax: 35, Fillup: Surface, Top: Sighted
4 1/2" Sax: 185, Fillup: Surface, Top: Sighted

Perforations: Dutcher 1,696' - 1,704'

Classification: Gas

Formation Record:

Formation	Top, (ft.)	Bottom, (ft.)
Soil	0	6
Shale	6	510
Sand	510	516
Shale	516	684
Cavanal/Secor Coal Gas	684	688
Shale	688	900
Booch Sand	900	1,014
Shale	1,014	1,330
Black Limc	1,330	1,480
Sand	1,480	1,495
Lime & Shale	1,495	1,630
Sand	1,630	1,642
Black Shale	1,642	1,692
Sand	1,692	1,726
Pitkin Lime	1,726	1,747 T.D.

Proposed Completion

Toles #1

Mike Flick

KB:
DF:
GL: 614.7
Datum: Above GL

API No 10121294
_1155' FSL & 2355' FWL
NW SW SW 23 15n 15E
Muskogee Co, Ok

8 5/8" 24# @ 256'
Cemented to surface

4 1/2 9# Casing @ 1747'
Cement to surface 11-28-1981

Cavanal Coal 690-94

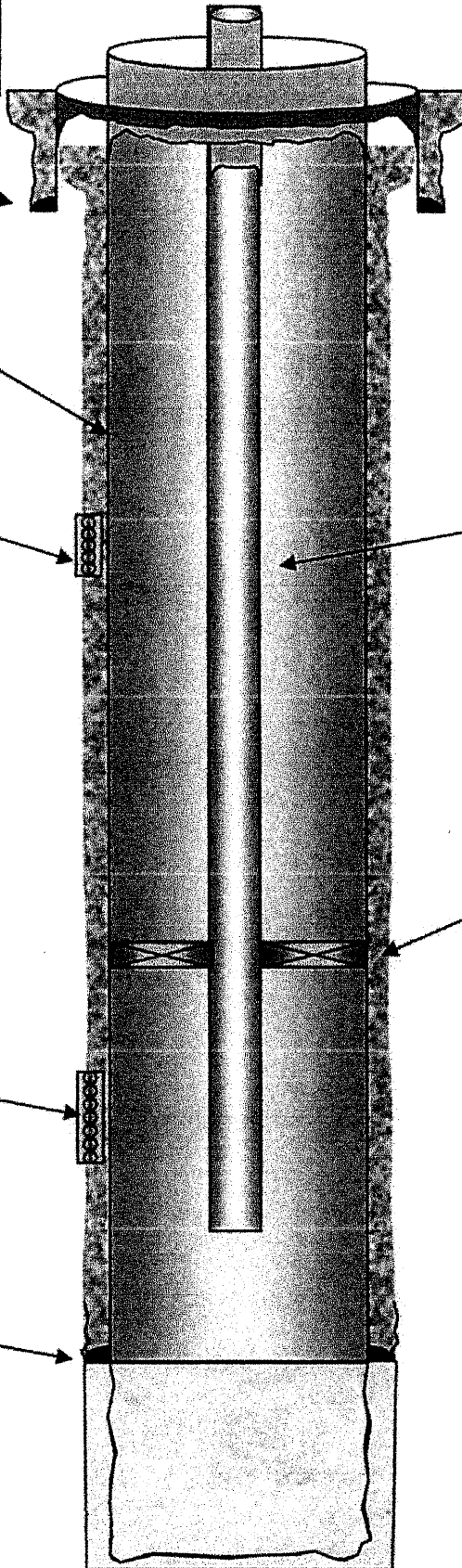
2 3/8" production Tubing

4 1/2 Production Packer

Dutcher 1696-1704

PBTD @ 1747'

Total Depth 2100'





WORKOVER AFE
ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE

AFE NO.

0001-2019

-WO

COUNTY/STATE	Muskogee, OK	DISTRICT	Baldhill	DATE	04/16/19
LEASE NAME	Toles	WELL NO.	#1	FIELD	Haskell
PROSPECT/LEASE #		LEGAL / ZIP CODE	Sec 23 T15N R15E	<input checked="" type="checkbox"/> ORIGINAL	
OPERATOR	Drake Exploration, Inc.	Partner WI	100.000000%	<input type="checkbox"/> SUPPLEMENT	
OBJECTIVE	Cavanal Coal & Dutcher Sand	PROSPECT #		<input checked="" type="checkbox"/> WORKOVER	
FOCUS AREA	Haskell, OK. (South)	API #	35-101-21294	<input type="checkbox"/>	
ESTIMATED PROJECT START DATE	06/03/19	ESTIMATED PROJECT COMPLETION DATE	06/05/19		
DESCRIPTION	Pull well, inspect downhole equipment, repair / replace.				
	Perforate Cavanal Coal (a/k/a Sam Creak Coal) @ 4 shots per foot 690' - 694' / Clean Up Dutcher Sand 1,700' - 1,720' w/condensate.				
	Rebuild well, put on production				

WORKOVER - INTANGIBLE DEVELOPMENT COSTS

ACCT	DESCRIPTION	BUDGET	SUPPLEMENT	TOTAL WELL COST
70003	BITS, COREHEADS AND REAMERS	0	0	0
70011	COMPANY SUPERVISION 2 days @ (\$770 + Exp \$180) per day	1,900	0	1,900
70012	COMPANY VEHICLE EXPENSE 2 days @ \$50 per day	100	0	100
70019	CONTRACT RIG - 2 days pulling unit @ \$165/hr.	3,960	0	3,960
70017	CONTRACT LABOR Roustabout @ \$100/h. JB's Hot Oil Svc	2,200	0	2,200
70031	EQUIPMENT RENTAL Horton Tool RBP & Casing Scraper	1,600	0	1,600
70034	FORMATION STIMULATION Tomahawk two zones	2,600	0	2,600
70045	INSURANCE	1,000	0	1,000
70049	LOGGING & PERFORATING Elite Wireline Perf	1,771	0	1,771
70054	OTHER INTANGIBLE 10% contingency	1,800	0	1,800
70074	TRUCKING AND HAULING	0	0	0
70076	TUBULAR INSPECTIONS Davis Pipe Testing	1,600	0	1,600
70077	WATER Jobe Tank Trucks	600	0	600
70078	WELLSITE LOSS AND DAMAGES	0	0	0
	SUB-TOTAL INTANGIBLE DEVELOPMENT COSTS	19,131	0	19,131

PROPERTY: Toles #1 AFE #: 0001-2019 -WO

WORKOVER - TANGIBLE MATERIAL COSTS

ACCT	DESCRIPTION	BUDGET	SUPPLEMENT	TOTAL WELL COST
71032	OTHER SUBSURFACE EQUIPMENT D/H Pump, Tubing Anchor etc.	1,500	0	1,500
71048	SUCKER RODS	395	0	395
71053	TUBING	480	0	480
71056	WELLHEAD ASSEMBLY Nipples / valves etc.	1,200	0	1,200
	SUB-TOTAL TANGIBLE MATERIAL COSTS	3,575	0	3,575
	SUB-TOTAL INTANGIBLE COSTS (PAGE 1)	19,131	0	19,131
	GRAND TOTAL	22,706	0	22,706
	LESS OUTSIDE INTERESTS	0	0	0
	TOTAL NET COSTS	22,706	0	22,706

PREPARED BY	CHARLES D. PATRICK JR. PETROLEUM ENGINEER	DATE
APPROVED BY	MICHAEL FLICK	DATE
APPROVED BY		DATE
APPROVED BY		DATE
APPROVED BY		DATE
APPROVED BY	TBD	DATE

A.	GROSS ORIGINAL AFE AMOUNT	22,706
B.	PARTNER ORIGINAL NET AFE AMOUNT	22,706
C.	NET ASSET TRANSFERS	
D.	TOTAL ORIGINAL NET AFE (LINE B PLUS LINE C)	22,706
E.	GROSS SUPPLEMENTS	0
F.	PARTNER TOTAL NET AFE AMOUNT	22,706

Notice to Nonoperators: Costs shown on this form estimates only.
 Nonoperators should not consider these estimates as establishing any limit on monies which will be required to perform the proposed operation.

IN BUDGET	NOT IN BUDGET

COMPANY	INTEREST	APPROVED BY	DATE

COMMENTS: _____



DRAKE EXPLORATION
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P.O. Box 52096, TULSA, OK 74152-0096
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LEWIS # 4

SE/4 Sec. 14-15N-15E
Muskogee Co., Ok.

Drake Exploration, Inc.

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VI. DETAILED PROGRAM Lewis #4

Objective: Swab though 4.5" casing, Shut In overnight, observe next day and make decision to run tubing & packer at prescribed depth or frac well.

1. Move on and Rig Up Workover Rig (Sean Marvel Well Service).
2. Swab well through 4.5" casing.
3. Make observation.
4. Shut in overnight with casing valve and 100 psi gauge
5. Observe overnight SI pressure. If at or above 40 psi. have fracture treatment plan ready for next day.
6. Frac Cavanal (Sam Creek) @ 800' w/6000 lbs. 20-40 sand per fracture treatment plan (Basin Energy) down 4" casing.
7. Execute standard post-frac action: flow test, swab
8. Assume flowing well; run-in tubing with packer to set tubing 10' above perforations (Horton Tool).
9. Produce as a flowing well. until the need dictates to re-configure as a pumping well.
10. If required, employ on hand Eubank #10 pumping unit. run pump, rods and tubing (Drake Exploration, Inc); reactivate on lease OG&E service (Frank Mills, B&T, Electric).
11. Set flowmeter with meter house on existing meter tube (Drake Exploration, Inc.). Prove and test meter in advance (Aeon Gas Measurement LLC, Tulsa).

Comment [A8]: Pulling Unit x 2

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V. WELL DATA Lewis #4

API Number: 35-101-21208

Well Location: County: Muskogee, Section 14, Township 15N, Range: 15E
330' from South of Sec Line & 1,485' from West of Section Line.

Lat: / Long: 35.769976, -95.68074

Elevations: 516' GL

TD: 1,560' KB

Casing: 7" 20.00 #/ft, Grade J-55 set at 350'
4 1/2" 10.50 #/ft, Grade J-55 set at 1,560'

Cement: 7" **Sax:** 330, **Fillup:** 350', **Top:** Surface
4 1/2" **Sax:** 117, **Fillup:** 1,560', **Top:** 700'

Perforations: Dutcher 1,480' – 1,500'

Classification: Gas

Formation Record:

Formation	Top, (ft.)	Bottom, (ft.)
Shale	350	830
Water Sand	830	885
Shale	885	1,220
Limey Sand	1,220	1,230
Sandy Shale	1,230	1,410
Sand	1,410	1,420
Shale	1,420	1,480
Dutcher Sand	1,480	1,500
Shale	1,500	1,530
Tite Sand	1,530	1,560

Proposed Completion

KB:
DF:
GL:
Datum: Above GL

Lewis #4

Mike Flick

API No 10121208
330 FSL 1485 FWL
SW SE SE 14 15n 15E
Muskogee Co, Ok

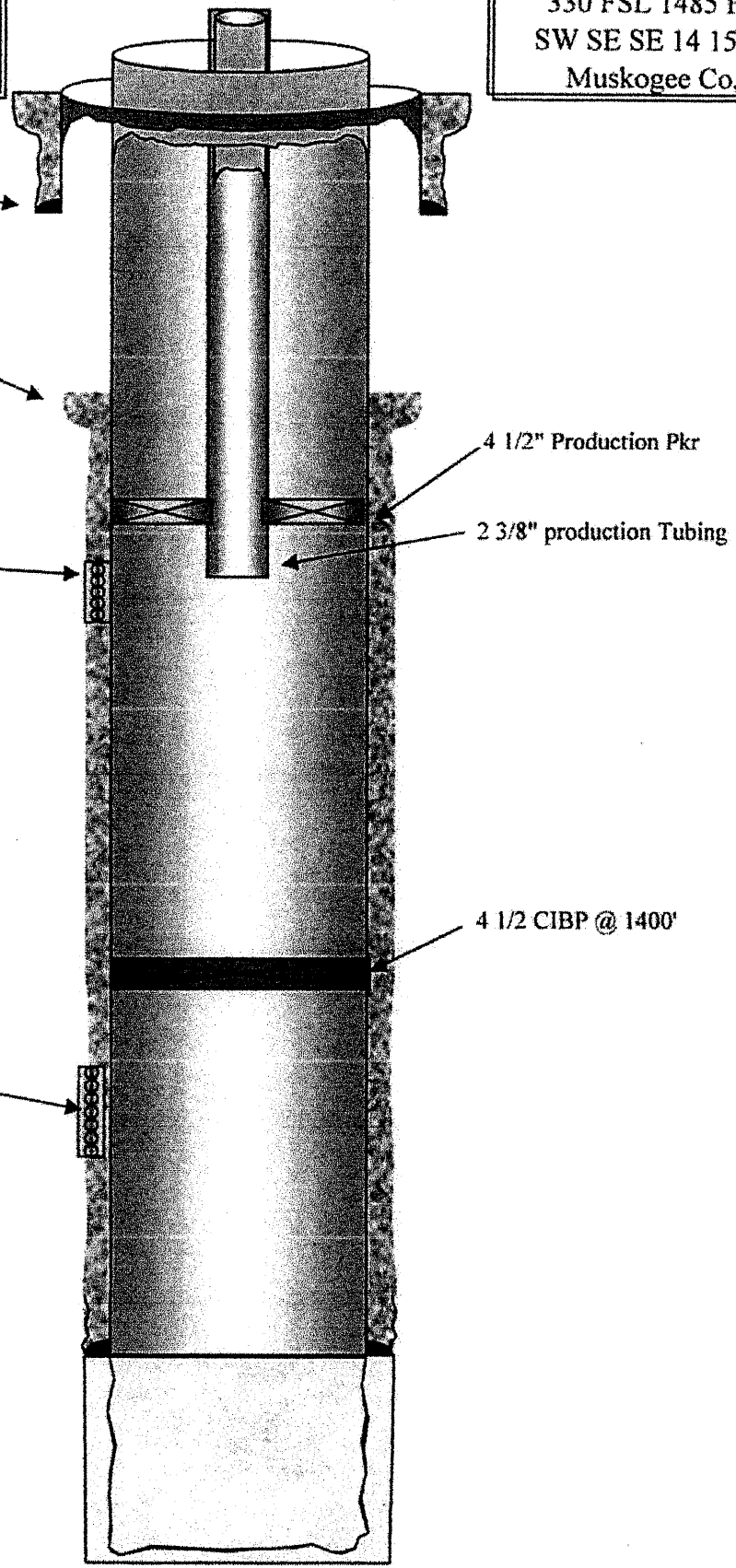
7" 20# @ 350'
Cemented to surface

4 1/2 10.5# @ 1560'
TOC @ 700'

Cavanal Coal 800-810'

Dutcher 1480-1500

Total Depth 1560'





WORKOVER AFE
ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE

AFE NO.

0002-2019

-WO

COUNTY/STATE	Muskogee, OK	DISTRICT	Baldhill	DATE	04/25/19
LEASE NAME	Lewis	WELL NO.	#4	FIELD	Haskell
PROSPECT/LEASE #		LEGAL / ZIP CODE	Sec 14 T15N R15E	<input checked="" type="checkbox"/> ORIGINAL	
OPERATOR	Drake Exploration, Inc.	Partner Wt	100.000000%	<input type="checkbox"/> SUPPLEMENT	
OBJECTIVE	Frac Cavanal Coal (a/k/a Sam Creak Coal)	PROSPECT #		<input checked="" type="checkbox"/> WORKOVER	
FOCUS AREA	Haskell, OK. (South)	API #	35-101-21208	<input type="checkbox"/>	
ESTIMATED PROJECT START DATE	06/06/19	ESTIMATED PROJECT COMPLETION DATE	06/08/19		
DESCRIPTION	Frac Cavanal Coal (a/k/a Sam Creak Coal), execute standard post-frac action. Rebuild well, put on production				

WORKOVER - INTANGIBLE DEVELOPMENT COSTS

ACCT	DESCRIPTION	BUDGET	SUPPLEMENT	TOTAL WELL COST
70003	BITS, COREHEADS AND REAMERS	0	0	0
70011	COMPANY SUPERVISION 2 days @ (\$770 + Exp \$180) per day	1,900	0	1,900
70012	COMPANY VEHICLE EXPENSE 2 days @ \$50 per day	100	0	100
70019	CONTRACT RIG - 2 days pulling unit @ \$165/hr.	3,960	0	3,960
70017	CONTRACT LABOR Roustabout @ \$100/h. + Electrician	1,600	0	1,600
70031	EQUIPMENT RENTAL	0	0	0
70034	FORMATION STIMULATION Tomahawk one zone	3,300	0	3,300
70046	INSURANCE	1,000	0	1,000
70049	LOGGING & PERFORATING	0	0	0
70054	OTHER INTANGIBLE 10% contingency	1,500	0	1,500
70074	TRUCKING AND HAULING	0	0	0
70076	TUBULAR INSPECTIONS Davis Pipe Testing	1,600	0	1,600
70077	WATER Jobe Tank Trucks	600	0	600
70078	WELLSITE LOSS AND DAMAGES	0	0	0
	SUB-TOTAL INTANGIBLE DEVELOPMENT COSTS	15,560	0	15,560

PROPERTY: Lewis #4 AFE #: 0002-2019 -WO

WORKOVER - TANGIBLE MATERIAL COSTS

ACCT	DESCRIPTION	BUDGET	SUPPLEMENT	TOTAL WELL COST
71032	OTHER SUBSURFACE EQUIPMENT D/H Pump, Tubing Anchor etc.	1,500	0	1,500
71001	ARTIFICIAL LIFT Pump Jack	1,200	0	1,200
71039	PRIME MOVER 5HP Electric Motor	800	0	800
71048	SUCKER RODS	395	0	395
71063	TUBING	480	0	480
71066	WELLHEAD ASSEMBLY Nipples / valves etc.	1,200	0	1,200
	SUB-TOTAL TANGIBLE MATERIAL COSTS	5,575	0	5,575
	SUB-TOTAL INTANGIBLE COSTS (PAGE 1)	15,560	0	15,560
	GRAND TOTAL	21,135	0	21,135
	LESS OUTSIDE INTERESTS	0	0	0
	TOTAL NET COSTS	21,135	0	21,135

PREPARED BY	CHARLES D. PATRICK JR. PETROLEUM ENGINEER	DATE
APPROVED BY	MICHAEL FLICK	DATE
APPROVED BY		DATE
APPROVED BY		DATE
APPROVED BY		DATE
APPROVED BY	TBD	DATE

Notice to Nonoperators: Costs shown on this form estimates only.
Nonoperators should not consider these estimates as establishing
any limit on monies which will be required to perform the proposed operation.

A.	GROSS ORIGINAL AFE AMOUNT	21,135
B.	PARTNER ORIGINAL NET AFE AMOUNT	21,135
C.	NET ASSET TRANSFERS	
D.	TOTAL ORIGINAL NET AFE (LINE B PLUS LINE C)	21,135
E.	GROSS SUPPLEMENTS	0
F.	PARTNER TOTAL NET AFE AMOUNT	21,135
	IN BUDGET	NOT IN BUDGET

COMPANY	INTEREST	APPROVED BY	DATE

COMMENTS: _____



DRAKE EXPLORATION
I N C O R P O R A T E D

P.O. Box 52096, Tulsa, OK 74152-0096
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BAKER #1

E/2 W/2 Sec. 14-15N-15E
Muskogee Co., Ok.

Drake Exploration, Inc.

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VIII. DETAILED PROGRAM Baker #1

Objective: Convert Well to Saltwater Disposal Well: Pull Well, Inspect Downhole Equipment Repair / Replace, Test Tubing, Build Well / Install Saltwater Pump, Permit Well, Put on Line.

1. Move on and Rig Up Workover Rig and Equipment (**Sean Marvel Well Service**).
2. POOH with rods, downhole pump and lay on rack for inspection / repair / replace. Move Rods to adjacent yard at appropriate time.
3. Hydro-Test 2.375" OD tubing; replace as required (**Davis Pipe Testing**).
4. Pick Up and run in hole with tubing packer set above Dutcher Zone at 1,500' +/- (**Drake Exploration, Inc.**).
5. Install Saltwater Disposal, (**Drake Exploration, Inc.**) Rig Up to Saltwater Tank (in place).
6. Permit Well for Oklahoma Corporation Commission approval, field observation testing and approval.
7. Because this well had been fracture treated, acid treated, Gas Gunshot (2X) and concussed. The Dutcher Sand is "open" but zone has a low permeability. Therefore, the well must have a saltwater injection pump capable of 500psig or better injection capability.

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VII. WELL DATA Baker #1

API Number: 35-101-20830

Well Location: County: Muskogee, Section 14, Township 15N, Range: 15E
330' from South of Sec Line & 990' from West of Section Line.

Lat: / Long: 35.769976, -95.68297

Elevations: 593.7' GL

TD: 2,062.3' KB

Casing: 8 5/8" 20#/ft, Grade A, set at 100'
4 1/2" 9.5#/ft, Grade A, set at 2,000'

Cement: 8 5/8" Sax: 100, Fillup: 100%, Top: Surface
4 1/2" Sax: 570, Fillup: 100%, Top: Surface

Perforations: Dutcher 1,498' - 1,504'
1,962' - 1,970'

Classification: Gas / Oil

Drake Exploration, Inc.

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Formation Record: Baker #1

Formation	Top, (ft.)	Bottom, (ft.)	Formation	Top, (ft.)	Bottom, (ft.)
Shale	0	333	Shale	1,793	1,796
Inola Lime	333	338	Kinderhook	1,796	1,852
Shale	338	350	Chattanooga Shale	1,852	1,878
Bartlesville Zone	350	464	Misener Sand	1,878	1,906
Shale	464	715	Viola Lime	1,906	1,933
Upper Booch Zone	715	730	Simpson Dolomite	1,933	1,942
Sandy Shale	730	774	Wilcox Sand	1,942	1,954
Coal	774	778	Tyner Zone	1,954	1,959
Sand	778	805	Upper Tyner	1,959	2,022
Booch Sand	805	890	Red/Green Shale-Sandy Shale	2,022	2,054
Shale	890	1,016			
Hartshorne Sand	1,016	1,024			
Lime	1,024	1,174			
Dutcher Lime	1,174	1,188			
Lime	1,188	1,202			
Dutcher Sand	1,202	1,224			
Limey Sand	1,224	1,250			
Gray Lime	1,250	1,260			
Lime	1,260	1,292			
Fine Sand	1,292	1,308			
White Sand	1,308	1,316			
Fine Sand	1,316	1,326			
Clear-Gray Sand	1,326	1,342			
Dense Sand	1,342	1,348			
Sandy Lime	1,348	1,365			
Glassey Tight Sand	1,365	1,387			
White Sand	1,387	1,399			
Shale w/Porous Sand	1,399	1,410			
Shale	1,410	1,424			
Gritty Shale	1,424	1,462			
Sandy Shale	1,462	1,472			
Shale w/Trace Sand	1,472	1,480			
Trace White Sand	1,480	1,484			
Shale	1,484	1,495			
Med Fine Clear Sand	1,495	1,514			
Shale	1,514	1,522			
Union Valley Lime	1,522	1,588			
Tan XLN Lime	1,588	1,635			
Mississippi Caney	1,635	1,694			
Mississippi Mayes	1,694	1,793	TOTAL DEPTH		2,054

Proposed Completion

KB: 8'
DF: 602
GL: 593.7
Datum: Above GL

Baker #1

Mike Flick

API No 10129830
330 FSL 990 FWL
SE SW SE 14 15N 15E
Muskogee Co, Ok

8 5/8" 20# @ 100'
Cemented to surface

4 1/2 9.5# @ 2000'
No TOC Reported

2 2/3" Injection string

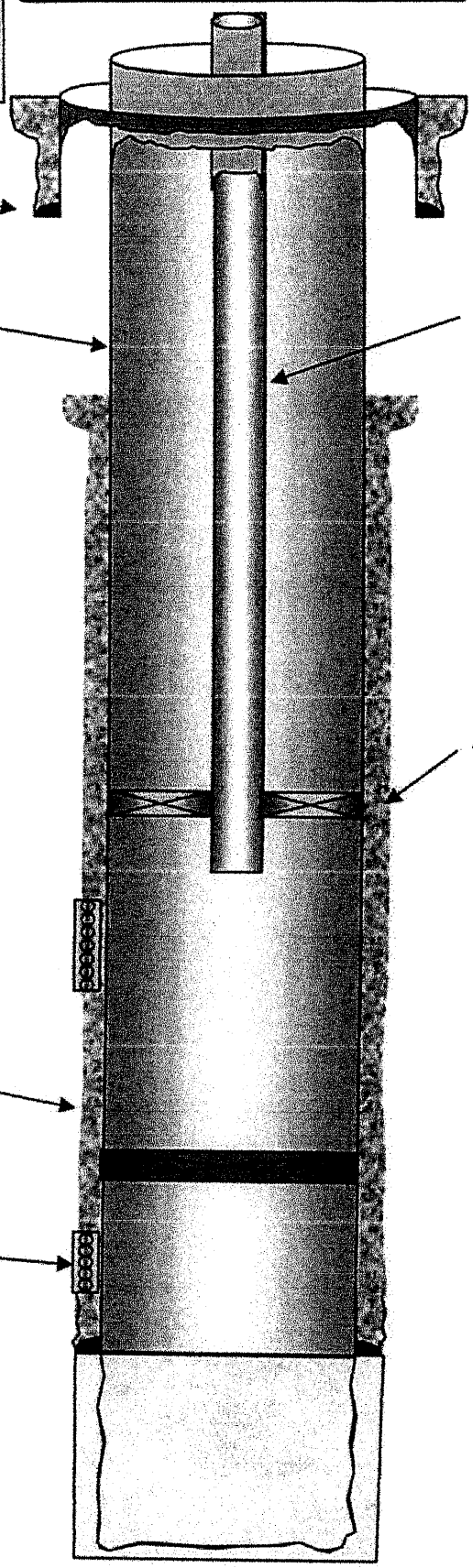
4 1/2" Injection Packer

Dutcher 1410-15, 1495-1508,
1498-1504'

Misner 1962-70

PBTD 2000'

Total Depth 2054'





WORKOVER AFE
ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE

AFE NO.

0003-2019

-WO

COUNTY/STATE	Muskogee, OK	DISTRICT	Baldhill	DATE	04/25/19
LEASE NAME	Baker	WELL NO.	#1	FIELD	Haskell
PROSPECT/LEASE #		LEGAL / ZIP CODE	Sec 14 T15N R15E	<input checked="" type="checkbox"/> ORIGINAL	
OPERATOR	Drake Exploration, Inc.	Partner WI	100.000000%	<input type="checkbox"/> SUPPLEMENT	
OBJECTIVE	Convert Well to SW Disposal	PROSPECT #		<input checked="" type="checkbox"/> WORKOVER	
FOCUS AREA	Haskell, OK. (South)	API #	35-101-20830	<input type="checkbox"/>	
ESTIMATED PROJECT START DATE	06/09/19	ESTIMATED PROJECT COMPLETION DATE	06/11/19		
DESCRIPTION	Pull well, inspect downhole equipment, repair / replace. Test Tubing, Build Well / Install Saltwater Pump, Permit (cost). Put on line.				

WORKOVER - INTANGIBLE DEVELOPMENT COSTS

ACCT	DESCRIPTION	BUDGET	SUPPLEMENT	TOTAL WELL COST
70003	BITS, COREHEADS AND REAMERS	0	0	0
70011	COMPANY SUPERVISION 2 days @ (\$770 + Exp \$180) per day	1,900	0	1,900
70012	COMPANY VEHICLE EXPENSE 2 days @ \$50 per day	100	0	100
70019	CONTRACT RIG - 2 days pulling unit @ \$165/hr.	3,960	0	3,960
70017	CONTRACT LABOR Roustabout @ \$100/h. / Consultant VJ Singh / SWD Permit / Electrician / JB Hot Oil	3,600	0	3,600
70031	EQUIPMENT RENTAL	0	0	0
70034	FORMATION STIMULATION Tomahawk	6,648	0	6,648
70045	INSURANCE	1,000	0	1,000
70047	LEGAL AND CURATIVE OCC SWD Permit	50	0	50
70049	LOGGING & PERFORATING	0	0	0
70054	OTHER INTANGIBLE 10% contingency	2,200	0	2,200
70074	TRUCKING AND HAULING 5 loads of 2" crusher run limestone + backhoe 2hr min @ \$150/hr	1,800	0	1,800
70076	TUBULAR INSPECTIONS Davis Pipe Testing	1,600	0	1,600
70077	WATER Jobe Tank Trucks	600	0	600
70078	WELLSITE LOSS AND DAMAGES	0	0	0
	SUB-TOTAL INTANGIBLE DEVELOPMENT COSTS	23,458	0	23,458

PROPERTY: Baker #1 AFE #: 0003-2019 -WO

WORKOVER - TANGIBLE MATERIAL COSTS

ACCT	DESCRIPTION	BUDGET	SUPPLEMENT	TOTAL WELL COST
71032	OTHER SUBSURFACE EQUIPMENT Packer	600	0	600
71033	OTHER SURFACE EQUIPMENT SWD Pump, 10HP Motor Combo	1,750	0	1,750
71048	SUCKER RODS	0	0	0
71053	TUBING Used 2 3/8" x 1,400' x 31' @ \$2.35/ft	3,290	0	3,290
71056	WELLHEAD ASSEMBLY Nipples / valves etc.	800	0	800
	SUB-TOTAL TANGIBLE MATERIAL COSTS	6,440	0	6,440
	SUB-TOTAL INTANGIBLE COSTS (PAGE 1)	23,458	0	23,458
	GRAND TOTAL	29,898	0	29,898
	LESS OUTSIDE INTERESTS	0	0	0
	TOTAL NET COSTS	29,898	0	29,898

PREPARED BY	CHARLES D. PATRICK JR. PETROLEUM ENGINEER	DATE
APPROVED BY	MICHAEL FLICK	DATE
APPROVED BY		DATE
APPROVED BY		DATE
APPROVED BY		DATE
APPROVED BY	TBD	DATE

A.	GROSS ORIGINAL AFE AMOUNT	29,898
B.	PARTNER ORIGINAL NET AFE AMOUNT	29,898
C.	NET ASSET TRANSFERS	
D.	TOTAL ORIGINAL NET AFE (LINE B PLUS LINE C)	29,898
E.	GROSS SUPPLEMENTS	0
F.	PARTNER TOTAL NET AFE AMOUNT	29,898

Notice to Nonoperators: Costs shown on this form estimates only. Nonoperators should not consider these estimates as establishing any limit on monies which will be required to perform the proposed operation.

IN BUDGET	NOT IN BUDGET

COMPANY	INTEREST	APPROVED BY	DATE

COMMENTS: _____



DRAKE EXPLORATION
I N C O R P O R A T E D

P.O. Box 52096, Tulsa, OK 74152-0096
918 748 8835 or 918 606 3056

RIDLEY #1

W/2 W/2 Sec. 14-15N-15E
Muskogee Co., Ok.

Drake Exploration, Inc.

PO Box 52096

Tulsa, OK 74152-0096

Ph/Fax: (918) 748-8835

Cell: (918) 606-3056

X. DETAILED PROGRAM Ridley #1

Objective: Pull Well, Inspect Downhole Equipment Repair i.e., pump / Replace i.e. stuffing box rubbers etc. / Steam Clean Rods, Tubing and flowline, Run Paraffin Solvent Treatment in Dutcher Perforations, Build Well, Put on Line. "Note": Repair / Replace Power Unit.

1. Move on and Rig Up Workover Rig (**Sean Marvel Well Service**).
2. POOH with rods, downhole pump and lay on rack for inspection / repair / replace & steam clean (**JB's Hot Oil & Steam**).
3. POOH with tubing lay on rack for steam clean / replace (**JB's Hot Oil & Steam**).
4. Pick-Up and run in hole with tubing and packer. Set packer above Dutcher Sand, 1420'.
5. Move in Pump Truck, Load hole with 500 gallons of Paraffin Solvent in order to Dutcher Perforations 1,495' – 1,510'. Pump fluids and let stand overnight (**Job Tank Truck**).
6. Rebuild well with new pump (**Morris Oilfield Supply**).
7. "Flush 2" flowline to tank battery with steam and hot water to clear paraffin wax build-up in-line (**JB's Hot Oil & Steam**).
8. Re-install serviced Kohler 25hp natural gas engine to begin (pumping) production operation (**RPI Engine Sales & Service**).
9. Release rig; move to Odom 2-14.

Drake Exploration, Inc.

PO Box 52096

Tulsa, OK 74152-0096

Ph/Fax: (918) 748-8835

Cell: (918) 606-3056

IX. WELL DATA Ridley #1

API Number: 35-101-21514

Well Location: County: Muskogee, Section 14, Township 15N, Range: 15E
2,310' from South of Sec Line & 330' from West of Section Line.

Lat: / Long: 35.775415, -95.68519

Elevations: 525' GL

TD: 2,010' KB

Casing: 4 1/2" 9.5 #/ft, Grade K-55, set at 1,990'. "NOTE": Packer Set 1,770'.

Cement: 4 1/2" Sax: 400 hlc, Fillup: X, Top: 0'

Perforations: Dutcher 1,463' - 1,467'
1,470' - 1,475'
1,495' - 1,500'

Classification: Gas

Drake Exploration, Inc.

PO Box 52096

Tulsa, OK 74152-0096

Ph/Fax: (918) 748-8835

Cell: (918) 606-3056

Formation Record: Ridley #1

Formation	Top, (ft.)	Bottom, (ft.)	Formation	Top, (ft.)	Bottom, (ft.)
Shale, Grey to Grey-Green trace of Fluorescence	600	760	Shale, Dark Gray - Green Limey Shale	1,850	1,870
Sandstone, Tan - Good Gas Show	760	880	Limestone, Gray mottled white	1,870	1,880
Shale, Dark Gray	880	900	Shale, Brown with black w/ increase in coal-	1,880	1,910
Shale, Dark Gray	900	920	black shale		
Limestone, Tan-Brown	920	930	Shale, Black carbonaceous shale	1,910	1,930
Lime as above	930	970	Shale, Brown with black	1,930	1,950
Shale, Gray-Fair to good Fluorescence	970	990	Clay shale	1,950	1,960
Sand, White-Light Gray-Fair to Good Show	990	1,010	Clay shale, w/ white very chalky lime	1,960	1,970
Shale, Black to Dark Gray	1,010	1,050	Limestone, buff to tan, deep yellow gold		
Shale as above	1,050	1,100	fluorescence	1,970	2,000
Shale as above	1,100	1,130	Sandstone, white	2,000	2,020
Shale as above	1,130	1,180	Shale, Bright green sandy	2,020	2,050
Dutcher - Lime, Black	1,180	1,220			
Lime, Tan - Light Brown	1,220	1,230			
Lime, Black	1,230	1,260			
Sand, Light Olive Brown	1,260	1,270			
Lime, Black	1,270	1,290			
Sand, White; Poor to Fair Porosity	1,290	1,300			
Lime, Black; Hard Stringing, Light Gray	1,300	1,370			
brown - no showings	1,370	1,340			
Shale, black and limestone	1,340	1,360			
Sand, light gray brown no show	1,360	1,380			
Shaley and limestone	1,380	1,400			
Sand, gray; no show	1,400	1,410			
Shale, black and limestone	1,410	1,420			
Sand, gray brown no show	1,420	1,460			
Sand, gray to white fair to good show	1,460	1,500			
Limestone, tan to buff poor showing	1,500	1,520			
Limestone, tan to buff good fluorescence	1,520	1,590			
Limestone, tan to gray	1,590	1,610			
Limestone, as above	1,610	1,620			
Limestone, black	1,620	1,630			
Shale, black	1,630	1,670			
Shale, black and dark brown	1,670	1,690			
Shale, same as above	1,690	1,720			
Limestone, gray - brown	1,720	1,740			
Grades to dark brown sandy lime, fair show	1,740	1,780			
Limestone, honey brown	1,780	1,830			
Limestone, as above	1,830	1,850	TOTAL DEPTH		2,050

Proposed Completion

Ridley #1

Mike Flick

KB:
DF:
GL:
Datum: Above GL

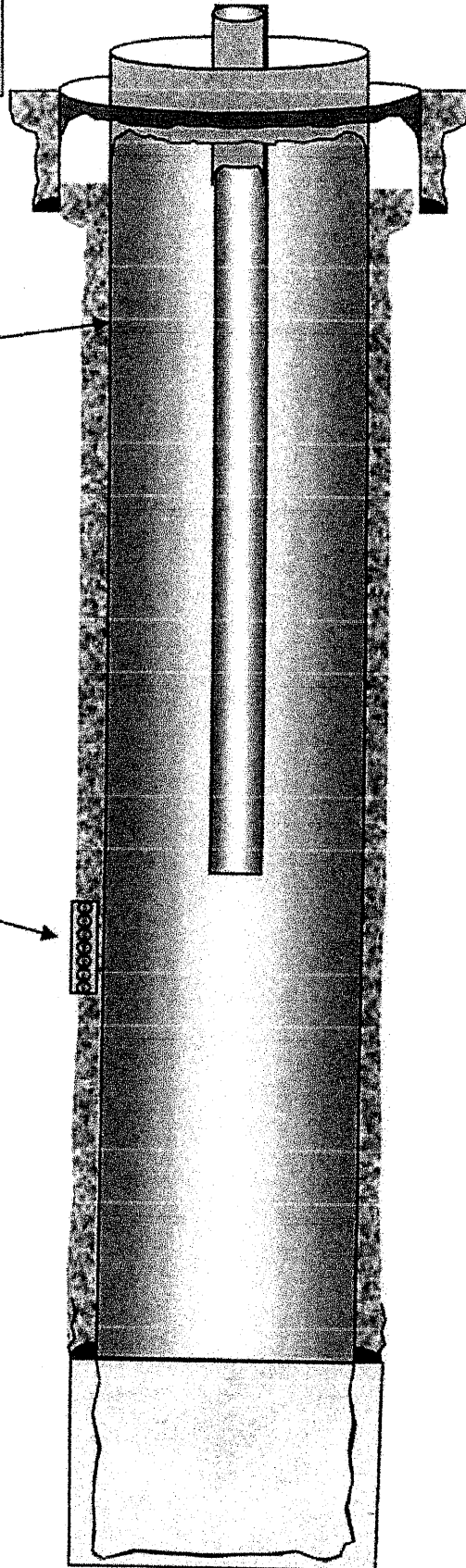
API No 10121514
2310 FSL 330 FWL
NW NW 14 15N 15E
Muskogee Co, Ok

4 1/2" K55 9.5# casing @ 1990'
cemented to surface

Lower Dutcher 1463-67,
1470-75, 1495-1500'

PBTD 1990

Total Depth 2010'





WORKOVER AFE
ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE

AFE NO.

0004-2019

-WO

COUNTY/STATE	Muskogee, OK	DISTRICT	Baldhill	DATE	04/25/19
LEASE NAME	Ridley	WELL NO.	#1	FIELD	Haskell
PROSPECT/LEASE #		LEGAL / ZIP CODE	Sec 14 T15N R15E		
OPERATOR	Drake Exploration, Inc.	Partner WI	100.000000%		
OBJECTIVE	Dutcher Sand	PROSPECT #			
FOCUS AREA	Haskell, OK. (South)	API #	35-101-21514		
ESTIMATED PROJECT START DATE	06/12/19	ESTIMATED PROJECT COMPLETION DATE	06/14/19		
DESCRIPTION	Pull well, inspect downhole equipment, repair / replace. "Note": Repair / Replace Power Unit. Steam clean Rods, Tubing and Flowline, Run Paraffin Solvent Treatment in Dutcher Perforations. Rebuild well, put on production				

WORKOVER - INTANGIBLE DEVELOPMENT COSTS

ACCT	DESCRIPTION	BUDGET	SUPPLEMENT	TOTAL WELL COST
70003	BITS, COREHEADS AND REAMERS	0	0	0
70011	COMPANY SUPERVISION 2 days @ (\$770 + Exp \$180) per day	1,900	0	1,900
70012	COMPANY VEHICLE EXPENSE 2 days @ \$50 per day	100	0	100
70019	CONTRACT RIG - 2 days pulling unit @ \$165/hr.	3,960	0	3,960
70017	CONTRACT LABOR Roustabout @ \$100/h. / JB's Hot Oil Svc	2,000	0	2,000
70031	EQUIPMENT RENTAL Horton Tool Casing Scraper	800	0	800
70034	FORMATION STIMULATION Ricks McQueen Tnk Truck Svc \$250 /500 gal drip gas @ \$45/5 gal	8,613	0	8,613
70045	INSURANCE	1,000	0	1,000
70049	LOGGING & PERFORATING	0	0	0
70054	OTHER INTANGIBLE 10% contingency	2,100	0	2,100
70074	TRUCKING AND HAULING	0	0	0
70076	TUBULAR INSPECTIONS Davis Pipe Testing	1,600	0	1,600
70077	WATER Jobe Tank Trucks	600	0	600
70078	WELLSITE LOSS AND DAMAGES	0	0	0
	SUB-TOTAL INTANGIBLE DEVELOPMENT COSTS	22,673	0	22,673

PROPERTY: Ridley #1 AFE #: 0004-2019 -WO

WORKOVER - TANGIBLE MATERIAL COSTS

ACCT	DESCRIPTION	BUDGET	SUPPLEMENT	TOTAL WELL COST
71032	OTHER SUBSURFACE EQUIPMENT D/H Pump	850	0	850
71033	OTHER SURFACE EQUIPMENT RPI: Power Unit Rebuild + Used ISS-ADV Timer	2,700	0	2,700
71048	SUCKER RODS	0	0	0
71053	TUBING	0	0	0
71056	WELLHEAD ASSEMBLY	0	0	0
	SUB-TOTAL TANGIBLE MATERIAL COSTS	3,550	0	3,550
	SUB-TOTAL INTANGIBLE COSTS (PAGE 1)	22,673	0	22,673
	GRAND TOTAL	26,223	0	26,223
	LESS OUTSIDE INTERESTS	0	0	0
	TOTAL NET COSTS	26,223	0	26,223

PREPARED BY	CHARLES D. PATRICK JR. PETROLEUM ENGINEER	DATE
APPROVED BY	MICHAEL FLICK	DATE
APPROVED BY		DATE
APPROVED BY		DATE
APPROVED BY		DATE
APPROVED BY	TBD	DATE

A.	GROSS ORIGINAL AFE AMOUNT	26,223
B.	PARTNER ORIGINAL NET AFE AMOUNT	26,223
C.	NET ASSET TRANSFERS	
D.	TOTAL ORIGINAL NET AFE (LINE B PLUS LINE C)	26,223
E.	GROSS SUPPLEMENTS	0
F.	PARTNER TOTAL NET AFE AMOUNT	26,223
	IN BUDGET	NOT IN BUDGET

Notice to Nonoperators: Costs shown on this form estimates only. Nonoperators should not consider these estimates as establishing any limit on monies which will be required to perform the proposed operation.

COMPANY	INTEREST	APPROVED BY	DATE

COMMENTS: _____



DRAKE EXPLORATION
I N C O R P O R A T E D

P.O. Box 52096, TULSA, OK 74152-0096
918 748 8835 OR 918 606 3056

ODOM 2-14

SW/4 Sec. 14-15N-15E
Muskogee Co.,Ok.

Drake Exploration, Inc.

PO Box 52096

Tulsa, OK 74152-0096

Ph/Fax: (918) 748-8835

Cell: (918) 606-3056

XII. DETAILED PROGRAM Odom #2-14

Objective: Use Rods and Tubing from Baker Lease. Attempt to clear fish at +/- 1,300' or push fish to bottom. When successful, build well for pumping.

1. Move on and Rig Up Workover Rig (Sean Marvel Well Service).
2. Run in Hole with Tubing and tri-cone bit to clear fish or push to bottom.
3. PU & RIH w/ tubing with seating nipple set at below 1,500' if fish will clear. If fish continues wedged at 1,320' + reconsider drill-out of 5/8" wireline. Run-In center spear or grapple firstly to observe reaction/progress. If no progress, consider drill-out: w/6 drill collars, 3" tri-cone diamond bit on tubing. Using power swivel, pump and portable tanks, attempt to drill out fish (blockage by 700 ft of 5/8" wireline cable).
4. If unsuccessful, pull all from hole; run-in tubing, pump and rods for time clock production above 1,300'. Set 5 hp elect (Drake Exploration, Inc. and Frank Mills, B&T Electric) Motor; plumb to separators (Aston Oil LLC & Morris Oilfield Supply).

Drake Exploration, Inc.

PO Box 52096

Tulsa, OK 74152-0096

Ph/Fax: (918) 748-8835

Cell: (918) 606-3056

XI. WELL DATA Odom #2-14

API Number: 35-101-20778

Well Location: County: Muskogee, Section 14, Township 15N, Range: 15E
165' from South Sec Line & 165' from West Section Line.

Lat: / Long: 35.769522, -95.69464

Elevations: 516' GL

TD: 1,802' KB

Casing: 4 1/2" 9.0 #/ft, Grade API New, set at 1,560'

Cement: 4 1/2" **Sax:** 250, **Fill up:** 670', **Top:**

Perforations: Dutcher 1,480' – 1,488'

Classification: Gas / Dry Hole

Drake Exploration, Inc.

PO Box 52096

Tulsa, OK 74152-0096

Ph/Fax: (918) 748-8835

Cell: (918) 606-3056

Formation Record: Odom #2-14

Formation	Top, (ft.)	Bottom, (ft.)	Formation	Top, (ft.)	Bottom, (ft.)
Surface	0	59	Shale	1,510	1,514
Fr, water sd	60	70	Lime, (Union Valley)	1,514	1,522
Shale	71	347	Shale	1,522	1,524
Limestone, (Inola)	347	351	Sand, (Cromwell)	1,524	1,529
" "	351	363	Shale	1,529	1,532
Bartlesville Sd.	363	455	Lime	1,532	1,575
Lwr Bartlesville	455	587	Shale	1,575	1,579
Booch	587	894	Lime, (Pitkin)	1,579	1,621
Lwr. Booch	894	1,008	Shale	1,621	1,665
Sand, (Hartshorn)	1,008	1,016	Lime, (Mississippi)	1,665	1,802
" "	1,016	1,179			
Lime, (Dutcher)	1,179	1,184			
Sand, (Dutcher)	1,184	1,194			
Sand, (Med)	1,194	1,201			
Shale	1,201	1,253			
Sand, Fine Gray	1,253	1,279			
Shale	1,279	1,283			
Sand, Clear	1,283	1,296			
Shale	1,296	1,300			
Sand, Gas - Oil	1,300	1,336			
Shale	1,336	1,361			
Sand	1,361	1,367			
Shale	1,367	1,370			
Sand	1,370	1,387			
Shale	1,387	1,406			
Sand	1,406	1,412			
Shale	1,412	1,414			
Sand	1,414	1,422			
Shale	1,422	1,435			
Sand	1,435	1,448			
Shale	1,448	1,481			
Sand, Gas	1,481	1,486			
Shale	1,486	1,490			
Sand	1,490	1,498			
Shale	1,498	1,500			
Sand	1,500	1,510	TOTAL DEPTH		1,802

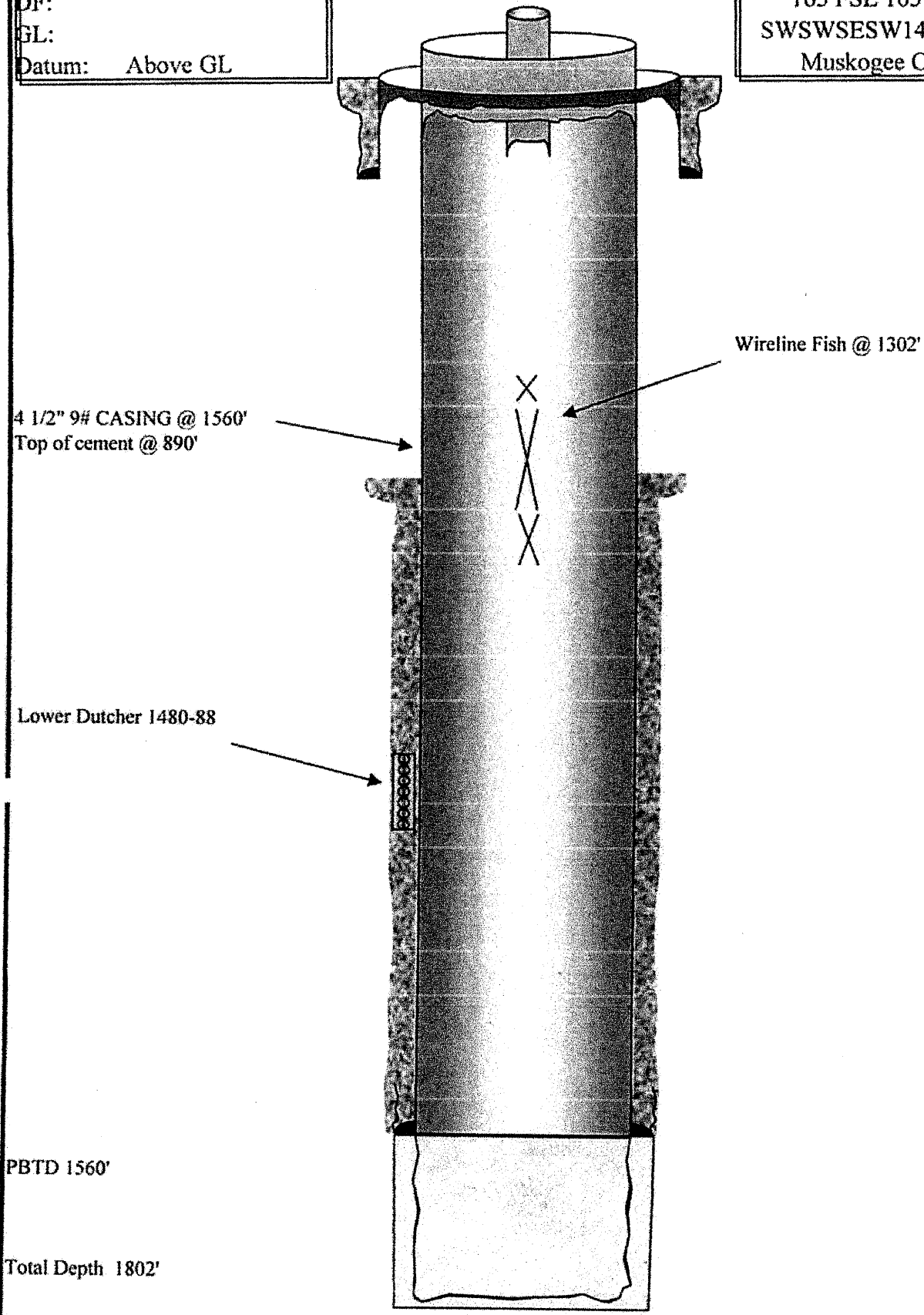
Proposed Completion

Odom 2-14

Mike Flick

KB:
DF:
GL:
Datum: Above GL

API No 10120778
165 FSL 165 FWL
SWSWSESW14 15N 15E
Muskogee Co, Ok



4 1/2" 9# CASING @ 1560'
Top of cement @ 890'

Wireline Fish @ 1302'

Lower Dutcher 1480-88

PBTD 1560'

Total Depth 1802'



WORKOVER AFE
ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE

AFE NO.

0005-2019

-WO

COUNTY/STATE	Muskogee, OK	DISTRICT	Baldhill	DATE	04/25/19
LEASE NAME	Odom	WELL NO.	#2-14	FIELD	Haskell
PROSPECT/LEASE #		LEGAL / ZIP CODE	Sec 14 T15N R15E	<input checked="" type="checkbox"/> ORIGINAL	
OPERATOR	Drake Exploration, Inc.	Partner WI	100.000000%	<input type="checkbox"/> SUPPLEMENT	
OBJECTIVE	Pull fish (obstruction), rebuild well	PROSPECT #		<input checked="" type="checkbox"/> WORKOVER	
FOCUS AREA	Haskell, OK. (South)	API #	35-101-20778	<input type="checkbox"/>	
ESTIMATED PROJECT START DATE	06/15/19	ESTIMATED PROJECT COMPLETION DATE	06/18/19		
DESCRIPTION	Pull fish @ ~ 1,302' (approx 400' of 5/8" sandline attached to a 4 1/2" swabing tool), Rebuild well, put on production				

WORKOVER - INTANGIBLE DEVELOPMENT COSTS

ACCT	DESCRIPTION	BUDGET	SUPPLEMENT	TOTAL WELL COST
70003	BITS, COREHEADS AND REAMERS Casing Scraper	0	0	0
70011	COMPANY SUPERVISION 3 days @ (\$770 + Exp \$180) per day	2,850	0	2,850
70012	COMPANY VEHICLE EXPENSE 3 days @ \$50 per day	150	0	150
70019	CONTRACT RIG - 3 days pulling unit @ \$165/hr.	11,880	0	11,880
70017	CONTRACT LABOR Roustabout @ \$100/h. / Electrician	800	0	800
70031	EQUIPMENT RENTAL Horton Tool Fishing Tools: Spear, Grapple, Mills	2,500	0	2,500
70034	FORMATION STIMULATION	0	0	0
70045	INSURANCE	1,000	0	1,000
70049	LOGGING & PERFORATING	0	0	0
70054	OTHER INTANGIBLE 10% contingency	2,200	0	2,200
70074	TRUCKING AND HAULING	0	0	0
70076	TUBULAR INSPECTIONS Davis Pipe Testing	1,600	0	1,600
70077	WATER Jobe Tank Trucks	600	0	600
70078	WELLSITE LOSS AND DAMAGES	0	0	0
	SUB-TOTAL INTANGIBLE DEVELOPMENT COSTS	23,580	0	23,580

PROPERTY: Odom #2-14 AFE #: 0005-2019 -WO

WORKOVER - TANGIBLE MATERIAL COSTS

ACCT	DESCRIPTION	BUDGET	SUPPLEMENT	TOTAL WELL COST
71032	OTHER SUBSURFACE EQUIPMENT D/H Pump	850	0	850
71048	SUCKER RODS	395	0	395
71053	TUBING	480	0	480
71056	WELLHEAD ASSEMBLY Nipples / valves etc.	1,200	0	1,200
	SUB-TOTAL TANGIBLE MATERIAL COSTS	2,925	0	2,925
	SUB-TOTAL INTANGIBLE COSTS (PAGE 1)	23,580	0	23,580
	GRAND TOTAL	26,505	0	26,505
	LESS OUTSIDE INTERESTS	0	0	0
	TOTAL NET COSTS	26,505	0	26,505

PREPARED BY	CHARLES D. PATRICK JR. PETROLEUM ENGINEER	DATE
APPROVED BY	MICHAEL FLICK	DATE
APPROVED BY		DATE
APPROVED BY		DATE
APPROVED BY		DATE
APPROVED BY	TBD	DATE

A.	GROSS ORIGINAL AFE AMOUNT	26,505
B.	PARTNER ORIGINAL NET AFE AMOUNT	26,505
C.	NET ASSET TRANSFERS	
D.	TOTAL ORIGINAL NET AFE (LINE B PLUS LINE C)	26,505
E.	GROSS SUPPLEMENTS	0
F.	PARTNER TOTAL NET AFE AMOUNT	26,505
	IN BUDGET	NOT IN BUDGET

Notice to Nonoperators: Costs shown on this form estimates only. Nonoperators should not consider these estimates as establishing any limit on monies which will be required to perform the proposed operation.

COMPANY	INTEREST	APPROVED BY	DATE

COMMENTS: _____



DRAKE EXPLORATION
I N C O R P O R A T E D

P.O. Box 52096, TULSA, OK 74152-0096
918 748 8835 OR 918 606 3056

MURPHY-DARNABY #1-15

SE/4 SE/4 Sec. 15-15N-15E

Muskogee Co., Ok.

Drake Exploration, Inc.

**PO Box 52096
Tulsa, OK 74152-0096
Ph/Fax: (918) 748-8835
Cell: (918) 606-3056**

XIV. DETAILED PROGRAM Murphy-Darnaby #1-15

Objective:

1. Move on and Rig Up Workover Rig (Sean Marvel Well Service).
2. Rig-up Elite Wireline to perforate Sam Creek Coal Bed Methane (800-812').
3. Rig-up to swab 4" casing (Sean Marvel Well Service).
4. Make determination to acidize or fracture treat zone after swabbing.
5. Produce Well: PU & RIH w/ tubing with set nipple set at 1,710'.
6. PU & RIH w/ downhole pump and rods.
7. Re-Equip in place Cook #16 pumping unit with 5 hp electric motor.
8. Field electrician (Frank Mills B&T Electric) to RU motor and test: Service is single phase 440/480.
9. Rehab control panel (Frank Mills B&T Electric).
10. Erect protective panels around well site (Drake Exploration, Inc.).
11. Roustabout service on location and on Odom Lease across road East to receive gas, oil and water (Aston Oil LLC).

Drake Exploration, Inc.

PO Box 52096

Tulsa, OK 74152-0096

Ph/Fax: (918) 748-8835

Cell: (918) 606-3056

XIII. WELL DATA Murphy-Darnaby #1-15

API Number: 35-101-20903

Well Location: County: Muskogee, Section 15, Township 15N, Range: 15E
360' from South Sec Line & 2,280' from West Section Line.

Lat: / Long: 35.770394, -95.69682

Elevations: 521' GL

TD: 2,043' KB

Casing: 4 1/2" 9.5 #/ft, Grade New, set at 1,490'

Cement: 4 1/2" **Sax:** 490, **fill up:** 1,490', **Top:** Surface / 0'

Perforations: Dutcher 1,408' - 1,423' @ 2 spf

Classification: Gas

Drake Exploration, Inc.

PO Box 52096

Tulsa, OK 74152-0096

Ph/Fax: (918) 748-8835

Cell: (918) 606-3056

Formation Record: **Murphy-Darnaby #1-15**

Formation	Top, (ft.)	Bottom, (ft.)	Formation	Top, (ft.)	Bottom, (ft.)
Shale	0	360	" " "	1,588	1,592
Limestone, (Inola)	360	363	Lime, (Pitkin)	1,592	1,619
" "	363	374	" "	1,619	1,730
Bartlesville	374	543	Lime, (Mississippi)	1,730	1,860
" "	543	789	Kinderhook	1,860	1,925
Booch (Gas Storage)	789	904	Chattanooga	1,925	1,949
" " "	904	1,023	Misner	1,949	1,970
Lower Booch	1,023	1,026	Shale, (Sylvan)	1,970	1,980
" "	1,026	1,182	Viola	1,980	1,993
Sand, (Hartshorn)	1,182	1,196	Dolomite, (Simpson)	1,993	2,000
" "	1,196	1,205	Wilcox	2,000	2,020
" "	1,205	1,216	"	2,020	2,025
" "	1,216	1,262	Upper Tyner	2,025	2,040
" "	1,262	1,288			
Lime, (Dutcher)	1,288	1,291			
" "	1,291	1,302			
Sand, (Dutcher)	1,302	1,317			
" "	1,317	1,328			
" "	1,328	1,337			
" "	1,337	1,353			
" "	1,353	1,382			
" "	1,382	1,389			
" "	1,389	1,406			
" "	1,406	1,416			
" "	1,416	1,445			
" "	1,445	1,452			
" "	1,452	1,483			
" "	1,483	1,492			
" "	1,492	1,506			
Lime, (Union Valley)	1,506	1,588	TOTAL DEPTH		2,043

Proposed Completion

KB:
DF:
GL:
Datum: Above GL

Murphy-Darneby 1-15

Mike Flick

API No 10120909

360 FSL 2280 FWL

SE SE SE 15 15N 15E

Muskogee Co, Ok

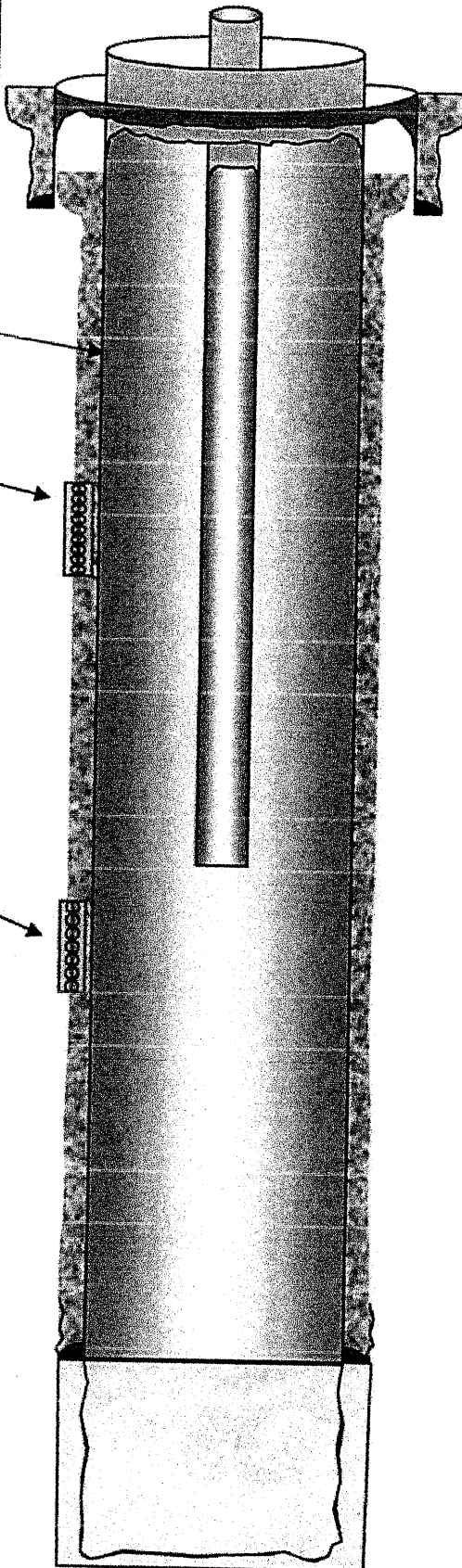
4 1/2" 9.5# New casing @ 1490'
cemented to surface

Sam Creek Coal 800-812

Lower Dutcher 1408-15'

PBTD 1490

Total Depth 2043'





WORKOVER AFE
ESTIMATE OF COSTS AND AUTHORIZATION FOR EXPENDITURE

AFE NO.

0006-2019

-WO

COUNTY/STATE	Muskogee, OK	DISTRICT	Baldhill	DATE	04/25/19
LEASE NAME	Murphy-Darnaby	WELL NO.	#1-15	FIELD	Haskell
PROSPECT/LEASE #		LEGAL / ZIP CODE	Sec 15 T15N R15E	<input checked="" type="checkbox"/> ORIGINAL	
OPERATOR	Drake Exploration, Inc.	Partner WI	100.000000%	<input type="checkbox"/> SUPPLEMENT	
OBJECTIVE	Cavanal Coal & Dutcher Sand	PROSPECT #		<input checked="" type="checkbox"/> WORKOVER	
FOCUS AREA	Haskell, OK. (South)	API #	35-101-20903	<input type="checkbox"/>	
ESTIMATED PROJECT START DATE	06/19/19	ESTIMATED PROJECT COMPLETION DATE	06/22/19		
DESCRIPTION	Pull well, inspect downhole equipment, repair / replace. Perforate Cavanal Coal (a/k/a Sam Creak Coal) @ 4 shots per foot 800' - 812' / Clean Up Dutcher Sand 1,700' - 1,710' w/condensate. Rebuild well, put on production				

WORKOVER - INTANGIBLE DEVELOPMENT COSTS

ACCT	DESCRIPTION	BUDGET	SUPPLEMENT	TOTAL WELL COST
70003	BITS, COREHEADS AND REAMERS	0	0	0
70011	COMPANY SUPERVISION 3 days @ (\$770 + Exp \$180) per day	2,850	0	2,850
70012	COMPANY VEHICLE EXPENSE 3 days @ \$50 per day	150	0	150
70019	CONTRACT RIG - 3 days pulling unit @ \$165/hr.	3,960	0	3,960
70017	CONTRACT LABOR Roustabout @ \$100/h. + Electrician	1,700	0	1,700
70031	EQUIPMENT RENTAL Horton Tool RBP	800	0	800
70034	FORMATION STIMULATION Ricks McQueen Trk Truck Svc \$250 /500 gal drip gas @ \$45/5 gal	4,750	0	4,750
70045	INSURANCE	1,000	0	1,000
70049	LOGGING & PERFORATING Elite Wireline Perf	1,771	0	1,771
70054	OTHER INTANGIBLE 10% contingency	1,800	0	1,800
70074	TRUCKING AND HAULING	0	0	0
70076	TUBULAR INSPECTIONS	0	0	0
70077	WATER Jobe Tank Trucks	600	0	600
70078	WELLSITE LOSS AND DAMAGES	0	0	0
	SUB-TOTAL INTANGIBLE DEVELOPMENT COSTS	19,381	0	19,381

PROPERTY: Murphy-Darnaby #1-15 AFE #: 0006-2019 WO

WORKOVER - TANGIBLE MATERIAL COSTS

ACCT	DESCRIPTION	BUDGET	SUPPLEMENT	TOTAL WELL COST
71032	OTHER SUBSURFACE EQUIPMENT D/H Pump	850	0	850
71039	PRIME MOVER Used 5hp electric motor	350	0	350
71048	SUCKER RODS Used 1,700' x 5/8"	153	0	153
71053	TUBING Used 1,700' 2 3/8"	4,250	0	4,250
71056	WELLHEAD ASSEMBLY Nipples / valves etc	1,200	0	1,200
	SUB-TOTAL TANGIBLE MATERIAL COSTS	6,803	0	6,803
	SUB-TOTAL INTANGIBLE COSTS (PAGE 1)	19,381	0	19,381
	GRAND TOTAL	26,184	0	26,184
	LESS OUTSIDE INTERESTS	0	0	0
	TOTAL NET COSTS	26,184	0	26,184

PREPARED BY	CHARLES D. PATRICK JR. PETROLEUM ENGINEER	DATE
APPROVED BY	MICHAEL FLICK	DATE
APPROVED BY		DATE
APPROVED BY		DATE
APPROVED BY		DATE
APPROVED BY	TBD	DATE

A.	GROSS ORIGINAL AFE AMOUNT	26,184
B.	PARTNER ORIGINAL NET AFE AMOUNT	26,184
C.	NET ASSET TRANSFERS	
D.	TOTAL ORIGINAL NET AFE (LINE B PLUS LINE C)	26,184
E.	GROSS SUPPLEMENTS	0
F.	PARTNER TOTAL NET AFE AMOUNT	26,184
	IN BUDGET	NOT IN BUDGET

Notice to Nonoperators: Costs shown on this form estimates only. Nonoperators should not consider these estimates as establishing any limit on monies which will be required to perform the proposed operation.

COMPANY	INTEREST	APPROVED BY	DATE

COMMENTS: _____



RESUME' HIGHLIGHTS – MICHAEL E. FLICK,PRESIDENT,DRAKE EXPLORATION,INC.

Founded Drake Exploration,Inc. 3/82; converted Hale Drilling.Inc. to be renamed Drake as an Oklahoma “C” corporation. Bonded by Oklahoma Corporation Commission as Opr. # 11863 since 1982. 100% stockholder

Created Oilbond,Ltd. in 8/84 to trade crude oil “wet” barrels, and to hedge crude contracts on the NYMEX. Venture devolved to crude oil trading and re-claiming but failed during radical crude oil price decline in '85-'86. Corporation remained intact and remains as a mineral & overriding interest owner and short-line pipeline operator. 100% stockholder

Education

Kemper Military School,Boonville,Mo. 8/58-5/60 – U S Army ROTC-82ABN high school . University of Oklahoma, Norman,Ok. 9/60 – 8/64 – B A Journalism & Marketing, electives in geology, petroleum engineering, anthropology.

Military

Enlisted Ok.Univ. campus 4/63-United States Marine Corps-PLC program. Parris Island, MCRD,8 mos.;Officer basic Quantico,Va -0302. 9/65. Further training for 0302,Camp Pendelton; launched to Camp Smedley Butler,Okinawa. Orders to Republic of Vietnam,Chu Lai TAOR w/1MarDiv- F/2/5. Second tour as 0301 based Monkey Mtn., 1/1 Btn Recon. Medically surveyed 5/68. Returned USA, executed advance plan to move to Perth,Western Australia.



DRAKE EXPLORATION
I N C O R P O R A T E D

Page Two
Michael E. Flick
Resume'

Foreign

Following two employed positions, founded Flick & Associates, Pty.Ltd.,Perth, Western Australia..industrial & scientific advertising & public relations. Clients in Western Australia,Singapore,Indonesia..business involvement on assignment in Saigon,RVN;France,UK,West Germany,Italy,Lebanon, Malaysia & Hong Kong. Multiple engagements with drilling contractors and downstream oilfield equipment manufacturers of international standing.

Returned USA 7/75 to Oklahoma from Western Australia. Employed in advertising & public relations pursuits.Ran C-E Natco trade show contract in the last Tulsa International Petroleum Exposition 1976 and then moved same to the Offshore Technology Conference, Houston.

Entered securities business 10/77 with NYSE firm, Blyth Eastman Dillon,Tulsa. Transferred to Dean Witter Reynolds, Tulsa 3/79; began buying O&G working interests in local area drilling projects and began owning and operating stripper wells and leases at 100% ownership.. Joined Shearson-American Express as a registered representative 1980 with NYSE,ASE,NASD & CFTC credentials; continued private oil and gas production pursuits while employed. Resigned Shearson 12/84 as full-time Drake Exploration, Inc. The 1982 plan with Hale Drilling, Inc. to own and operate two rotary drilling rigs never launched when floatation capital failed to generate. Changed Hale corporation name to Drake.



DRAKE EXPLORATION
I N C O R P O R A T E D

Page Three

Michael E. Flick

Resume'

Multiple continuing education courses taken in geology, petroleum geology & engineering, open and cased hole logging, downhole stimulation sciences, waterflooding, gas flooding, petroleum land and title, environmental regulation, drilling science and a multitude of allied oil & gas business disciplines.

Current Oklahoma counties where our leases & operations are found: Muskogee, Tulsa, McIntosh, Lincoln and Okfuskee. Formerly in Texas: Shackelford County.

DOB 9/14/42. Married 50 years on 2/15/2018 Three daughters: Sascha Michelle, Santa Clara Univ. 1994; Lisa Melanie, Emory Univ. 1996; Rebecca Claire, Stetson Univ. 1999. All daughters graduated Bishop Kelley H.S., Tulsa and each made All State Oklahoma women's volleyball first team. Lisa & Rebecca were first string university players and lettered all four years. Sascha made Santa Clara Uni. women's rowing team (a/k/a "Crew"). Each fully employed in respective states.

Have lived in the same residence since 5/76: 2235 East 45th Place, Tulsa, Oklahoma 74105 – Bolewood Acres. I am the oldest of five sons, parents deceased, all brothers living: Charleston, N.C. (1), Dallas (1), Tulsa (1) & Avon, Indiana (1). Health good, hunter, fisherman, rifleman, outdoor gardening, collecting weapons & firearms, amateur archaeology.



DRAKE EXPLORATION
I N C O R P O R A T E D

P.O. Box 52096, TULSA, OK 74152-0096
918 748 8835 OR 918 606 3056

BUSINESS ELEMENTS

Our new 50% Working Interest will bear 100% of the 6 wells workover expenses. ***By having borne 100% of all expenses, the 50% partner will earn:***

*100% of location preparation costs, any drilling costs (none expected), maps and logging expenses, workover/well stimulation, the depletion allowance. These items are classified as INTANGIBLE DRILLING COSTS and are a major element oil and gas accounting versus the risk and reward equation.

*50% Working Interest in all existing equipment on sites (surface and downhole). Our new partner will receive a listing and valuation of all equipment. Thus, for tax return purposes one has the option of straight line depreciation over three years, or by option..the accelerated Sum of the Years Digits mode.

*As our new partner, we will submit a JOINT ACCOUNT OPERATING AGREEMENT, and a COPAS accounting agreement. These are the two standard industry forms used between the Operator and its Partner/s. Their purpose is to set forth a contractual relationship between Operator and Working Interest partner. These forms will be filed of record with the Muskogee County, Ok.-Count Clerk without social security nor FEI numbers. Plus, they will be sent to the crude oil purchaser who have served us for many years, Sunoco Refining & Mkt. (Sun Oil-SUN-NYSE). Crude oil income due our 50% working interest partner will be paid direct to them by Sunoco. Unfortunately, we are required to pay our 50% partner for their share of the net natural gas income. We are paid after State taxes for BOTH the royalty interest percentage and the working interest. Then, we pay the royalty owners and 100% of the working interests...***courtesy of Scissortail Kinder Morgan LLC.***

*We are licensed and bonded by the Oklahoma Corporation Commission, per operator number 11863 since 1984. We will supply insurance certificates to our partner once our Agreement is consummated. We will work the project at two wells/session; break for observations, then resume workovers at two wells per cycle. Per AFE estimates, expenses/two wells will be billed for advance payment.



DRAKE EXPLORATION
I N C O R P O R A T E D

P.O. Box 52096, TULSA, OK 74152-0096
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Business & Personal References

We submit the businesses, names, addresses and telephone numbers of those whom have known Drake Exploration, Inc. and Michael E. Flick.

We have contacted them in advance to secure their permission to cite them as a reference. We will not supply e-mail addresses versus the reign of terror wrought upon us all via e-mail.

Mr. Bruce Walker, President, John H. Booth, Inc. etal-1787 E. 71st St., Tulsa, Oklahoma 74136-5108-(918) 481 0383

Mr. Darrell Noblitt, Noblitt Oil & Gas, Inc. 2214 East State Highway 152, Mustang, Oklahoma 73064 (405) 745 3017

Mr. John Patterson, P.O. Box 36, Haskell, Oklahoma 74436-(918) 441 6123

Mr. Dan Boydston, Morris Oilfield Supply, P.O. Box 153, Morris, Oklahoma 74445
Tel: (918) 733 4544

Mr. Frank Mills, B&T Electric, P.O. Box 362, Okmulgee, Oklahoma 74447 Tel:(918) 758 4498(often hard to contact, except very early a.m.)

Dr. Loretta A. Farrell, M.D., Abundant Wellness M.D., 8787 Owasso Expressway, Suite J, Owasso, Oklahoma 74055, (918) 516 2296 (Michael E. Flick physician 22yrs)

Ms. S. Smyth, Petroleum Land Service, (918) 704 3808 (residential office address not disclosed by request.)

Mr. Danny H. Williams, Sr. V-P, Spirit Bank-Commercial Lending, 1800. S. Baltimore, Tulsa, Oklahoma 74119. Tel: (918) 295 7235.

Mr. Clint Aston, Aston Oil LLC-Well Svc/Roustabout, 21735 Bald Hill Road, Morris, Oklahoma 74445, Tel: (918) 759 4352 (call early. before 10 a.m.)



DRAKE EXPLORATION
I N C O R P O R A T E D

P.O. Box 52096, TULSA, OK 74152-0096
918 748 8835 or 918 606 3056

If you have an indication of interest in becoming our 50% partner...

We will submit to you two forms: An American Association of Petroleum Landmen joint account operating agreement; and, the COPAS (Council Of Petroleum Accountants Society) agreement.

While these are standard industry forms used historically between the oil and gas operator and its working interest (the non-operator) partner/s, it is tradition to edit-out elements which do not apply to a particular business relationship.

Inasmuch as our offering is being circulated nationally, any person or source considering investment must have a net worth of \$500,000. exclusive of home and land. Furthermore, ours is not a securities offering. We seek a 50% partner who knows the oil and gas industry, and can qualify as a knowledgeable person or entity. We will require a disclosure statement for signature which deals with the key elements for a qualified partner. Should a financially qualified 50% working interest partner choose to subscribe but is not business involved with the oil and gas industry, there's a segment in the disclosure statement/agreement for acceptance and signature.

We have not included those documents by design until after a mutual understanding is concluded and, that we have a comfortable, compatible liaison.

Michael E. "Mike" Flick, President