

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

Operator: License # 30606

Name: Murfin Drilling Co., Inc.

Address 250 N. Water, Suite 300

City/State/Zip Wichita, KS 67202

Purchaser: N/A

Operator Contact Person: Larry M. Jack

Phone (316) 267 - 3241

Contractor Name: Murfin Drilling Company, Inc.

License: 30606

Wellsite Geologist: Wes Hansen

Designate Type of completion
 New Well Re-Entry: Workover

Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back _____ PBDT
 Commingled _____ Docket No. _____
 Dual Completion _____ Docket No. _____
 Other (SWD or Inj?) _____ Docket No. _____

9/26/95 10/9/95
Spud Date Date Reached TD Completion Date

API NO. 15- 175-21497-0000

County Seward

N/2-S/2-SE - Sec. 36 Twp. 32S Rge 33 E W

890 Feet from N (circle one) Line of Section

1320 Feet from E W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)

Lease Name Oxy-Frazier Well # 0030

Field Name Unknown

Producing Formation None

Elevation: Ground 2636 KB 2645

Total Depth 5948 PBDT _____

Amount of Surface Pipe Set and Cemented at 1494 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan D&A 97 12-24-97
(Data must be collected from the Reserve Pit)

Chloride content 3500 ppm Fluid volume 2500 bbls

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite: _____

Operator Name RELEASED

Lease Name _____ License No. SEP 25 1996

Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

FROM CONFIDENTIAL

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market, Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Larry M. Jack
Title Larry M. Jack, Production Manager Date 10/26/95

Subscribed and sworn to before me this 26 day of October 1995.
Notary Public Kerran Redington
Date Commission Expires 2/6/98

KERRAN REDINGTON
NOTARY PUBLIC
STATE OF KANSAS
My Comm. Exp. 2/6/98

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution KCC SWD/Rep NGPA
 KGS Plug Other
RECEIVED
CORPORATION COMMISSION
OCT 27 1995
10-27-95
(Specify) _____
Form ACO-1 (7-91)

ORIGINAL

CONFIDENTIAL

SIDE TWO

Operator name Murfin Drilling Co., Inc.

Lease Name Oxy-Frazier Well # 1-36

Sec. 36 Twp. 32S Rge. 33 East West

County Seward

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	BASE ANHYDRITE	1492	-1355
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	HEEBNER	4000	-1482
List all E.Logs Run:		LANSING	4127	-2114
See attached.		MARMATON	4759	-2313
		CHEROKEE SHALE	4958	-2501
		ATOKA	5146	-2641
		MORROW SHALE	5286	-2755
		CHESTER	5400	-2955
		ST. GENEVIEVE	5600	-3040
		See attached.		
		ST. LOUIS	5685	-3229
		SPERGEN	5874	

CASING RECORD <u>New</u> <u>Used</u>							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12 1/4"	8 5/8"	24#	1494	Lite Common	550 150	3% cc, 1/4# floseal/sx
Production							

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top/Btm	Type of Cement	# Sacks Used	Type and Percent Additives
<u>Perforate</u>				
<u>Protect Csg</u>				
<u>Plug Back TD</u>				
<u>Plug Off Zone</u>				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj.			Producing Method			
<u>D & A</u>			<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other			
Estimated Production Per 24 Hours	Oil <u>N/A</u> Bbbls	Gas <u>N/A</u> Mcf	Water <u>N/A</u>	Bbbls	Gas-Oil Ratio	Gravity

Disposition of Gas: METHOD OF COMPLETION Production Interval

Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
(If vented, submit ACO-18.) Other (Specify) _____

CONFIDENTIAL

ORIGINAL

OXY-FRAZIER 3-36
SEWARD COUNTY, KANSAS

DST #1 4768-4780 Altamont B.30.60.90.180. Tool open 12:15 PM. IF Strong Blow.

IF:	GTS 4 min.		
	Guaged 10 min 1" choke	242 mcf	
	15 min " "	220 mcf	
	20 min " "	220 mcf	
	25 min " "	195 mcf	
	30 min " "	195 mcf	
FF:	Guaged 5 min 1/2" choke	193 mcf	
	10 min " "	200 mcf	
	15 min " "	200 mcf	
	20 min " "	189 mcf	
	25 min " "	183 mcf	
	30 min " "	177 mcf	(stabilized and remained constant until end of 90 min. final flow period)

Rec. 120' G&OCWM (20% G, 40% O, 20% W, 20% M). 425' CL Go 44 gravity, 30% G, 70% O. 340' SW 53,000 PPM. Total Fluid 885'. HP 2291-2259. SI 1499-1534, FP 90/145, 159/332, BHT 123°.

Sample chamber: 2.3 Cf Gas, 50 Ml Oil, 200 Ml M, 3750 ML W. 1425 psi. Chl 53,000 PPM, Pit 3,000 PPM.

DST #2 4788-4800. 30.45. Tool open @ 8:45 AM. IF: Wk blow built to 3". FF wk 1 1/2" Blow. Rec. 150 SW w/tr oil. HP 2429-2259. SI 112-133. FP 30/47, 1682. BHT 122°. RW 60,000 PPM CHL. Pit 2250 PPM CHL.

DST #3 5280-5360. 30-60-60-120 (Morrow)
 IF: Strong blow of the bottom of the bucket in 1 min. GTS 50 min into initial shut in period.
 FF: 10 min 9.2 MCF stab. @ 5.86 MCFR
 Rec: 70' V s1 GCM
 HP: 2541-2450
 SI: 164-156
 FP 33/38 37/37
 BHT: 129°

RELEASED

SEP 25 1998

FROM CONFIDENTIAL

DST #4 - 5282-5435 (Chester)
 30-60-60-120
 IF: Strong blow off bottom of bucket in 1 min, no GTS
 FF: GTS 15 min, into final flow period, stabilized at 18.5 MCF
 Rec: 70' DM
 HP: 2593-2469
 FP: 49/57 57/49
 SIP: 990-1230

10:50 pm - Drlg @ 5510'. Gas kick @ 5500'. Hot wire 270 unit increase. Chromatograph C₁ 153, C₂ 45. Very fine grain sandstone - poor fluor - glau. - no free oil - weak cut - drl 2 min/ft. Note: This zone looked titer than previous zones tested so we elected to look at it on E-log.

RECEIVED
STATE CORPORATION COMMISSION

OCT 27 1995

CONSOLIDATED SIGN
WICHITA KANSAS

CONFIDENTIAL

ORIGINAL

Oxy-Frazier 3-36
Seward County, Kansas

DST #5 - 5708-5770 - St Louis
30-45-45-45
IF: weak blow died in 15 min.
FF: Final - no blow
Rec: 15' drilling mud
HP: 2814-2782
SIP: 362-315
FP: 22-25 25-28
Bht: 132°

RELEASED

SEP 25 1998

FROM CONFIDENTIAL

TOPS:

Anhydrite	1465	+1180
B/Anhydrite	1492	+1153
Heebner	4004	-1350
Lansing	4134	-1489
Lansing B	4171	-1526
B/Stark	4586	-1941
Marmaton	4748	-2103
Altamont B	4768	-2123
Cherokee SH	4962	-2317
Atoka	5151	-2506
Morrow SH		-2643
Chester	5401	-2756
St. Gene.	5595	-2950
St. Louis	5670	-3125
RTD	5948	

RECEIVED
STATE CORPORATION COMMISSION

OCT 27 1995

CONFIDENTIAL
WICHITA KANSAS

ALLIED CEMENTING CO., INC.

2903

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

ORIGINAL

SERVICE POINT: Neosho

DATE <u>9-26-95</u>	SEC. <u>36</u>	TWP. <u>32</u>	RANGE <u>33</u>	CALLED OUT <u>7:00 PM</u>	ON LOCATION <u>10:15 PM</u>	JOB START <u>11:15 AM</u>	JOB FINISH <u>12:30 PM</u>
LEASE <u>QX4 - Jager</u>	WELL # <u>3-36</u>	LOCATION				COUNTY <u>Shawnee</u>	STATE <u>Ks</u>

OLD OR NEW (Circle one)

CONFIDENTIAL

CONTRACTOR <u>Murphy</u>	OWNER <u>Same</u>
TYPE OF JOB <u>Surf</u>	CEMENT <u>ALW</u>
HOLE SIZE <u>12 1/4"</u>	T.D. <u>1495'</u>
CASING SIZE <u>8 5/8" 24"</u>	DEPTH <u>1500'</u>
TUBING SIZE	DEPTH
DRILL PIPE	DEPTH
TOOL	DEPTH
PRES. MAX	MINIMUM
MEAS. LINE	SHOE JOINT <u>41'</u>
CEMENT LEFT IN CSG. <u>41'</u>	
PERFS.	

AMOUNT ORDERED	<u>550 65/35 6" cc 4" FLO</u>	<u>150 Common 2 3/4" FLO</u>	
COMMON	<u>150</u>	@ <u>7.20</u>	<u>1080.00</u>
CEMENT	<u>550 ALW</u>	@ <u>6.65</u>	<u>3657.50</u>
GEL	<u>3</u>	@ <u>9.50</u>	<u>28.50</u>
CHLORIDE	<u>21</u>	@ <u>28.00</u>	<u>588.00</u>
Flo Seal	<u>125 #</u>	@ <u>1.15</u>	<u>201.25</u>
HANDLING	<u>700</u>	@ <u>1.05</u>	<u>735.00</u>
MILEAGE	<u>30</u>		<u>840.00</u>

EQUIPMENT

PUMP TRUCK	CEMENTER	<u>Mike Mater</u>
# <u>224</u>	HELPER	<u>Bob</u>
BULK TRUCK		
# <u>199</u>	DRIVER	<u>Bill</u>
BULK TRUCK		
# <u>260</u>	DRIVER	<u>Burr</u>

TOTAL \$ 7130.25

REMARKS:

Ran 1500' 8 5/8" 24" casing - broke circulation with rig cemented with 550 lbs. 3% cc 4" FLO - 150 Common 2 3/4" FLO. Displaced with 9370 lbs. cement. Cement did circulate - shut the well.
Thank you
Allied Cementing
Mike, Bob, Bill, Burr

SERVICE

DEPTH OF JOB	<u>1500'</u>		
PUMP TRUCK CHARGE		<u>1030.00</u>	
EXTRA FOOTAGE	@		
MILEAGE	<u>30</u>	@ <u>2.35</u>	<u>70.50</u>
PLUG	<u>8 5/8" - Rubber</u>	@ <u>90.00</u>	<u>90.00</u>

TOTAL \$ 1190.50

CHARGE TO: Murphy Drilling Co. Inc.
STREET 250 N. Water Suite 300
CITY Wichita, STATE Ks ZIP 67202

FLOAT EQUIPMENT

1-8 5/8" Insert	@ <u>258.00</u>	<u>258.00</u>
1-8 5/8" - Guide Shoe	@ <u>224.00</u>	<u>224.00</u>
2-8 5/8" - Centralizers	@ <u>61.00</u>	<u>122.00</u>
1 - Box Baker Lock	@ <u>30.00</u>	<u>30.00</u>

TOTAL \$ 634.00

RELEASED

SEP 25 1998

FROM CONFIDENTIAL

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE [Signature]

TAX -0-
TOTAL CHARGE \$ 8954.75
DISCOUNT \$ 1790.95 IF PAID IN 30 DAYS

Net \$ 7163.80

ALLIED CEMENTING CO., INC. 4831

MIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

ORIGINAL

10-10-95 Arnot B. well

DATE <u>10-9-95</u>	SEC <u>36</u>	TWP. <u>32</u>	RANGE <u>33</u>	CALLED OUT <u>10:30 AM</u>	ON LOCATION <u>4:30 AM</u>	JOB START <u>5:20 AM</u>	JOB FINISH <u>11:00 AM</u>
OXY-LEASE <u>Frazier</u>				WELL# <u>3-36</u>		LOCATION <u>Suble TTX 1751245 wds</u>	
<input checked="" type="checkbox"/> OLD OR <input type="checkbox"/> NEW (Circle one)						COUNTY <u>Sevier</u>	STATE <u>K.S.</u>

CONFIDENTIAL

CONTRACTOR Murkin Drilling Rig #20

TYPE OF JOB Rotary Plug

HOLE SIZE 7 1/2 T.D. 5948 ft

CASING SIZE 8 1/2 DEPTH 1424 ft

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 DEPTH 3100 ft

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

OWNER Same CEMENT

AMOUNT ORDERED 210 lbs 6 bags

COMMON	<u>126</u>	@	<u>7.20</u>	<u>907.20</u>
POZMIX	<u>84</u>	@	<u>3.15</u>	<u>264.60</u>
GEL	<u>11</u>	@	<u>9.50</u>	<u>104.50</u>
CHLORIDE		@		

EQUIPMENT

PUMP TRUCK CEMENTER Mike Munsch

120 HELPER Duane Smith

BULK TRUCK _____

_____ DRIVER _____

BULK TRUCK _____

222 DRIVER Rick Weisen

HANDLING	<u>210</u>	@	<u>1.05</u>	<u>220.50</u>
MILEAGE	<u>30</u>			<u>252.00</u>

TOTAL \$1748.80

REMARKS:

SERVICE

M's 1000 ft of 3100 ft Displace it Down with mud

M's 500 ft of 1500 ft Displace it Down with mud

M's 250 ft of 1000 ft Displace it Down with water 1000 ft with Plug 1500 in Port Hole 1000 in main Hole

DEPTH OF JOB	<u>3100 ft</u>			
PUMP TRUCK CHARGE				<u>445.00</u>
EXTRA FOOTAGE		@		
MILEAGE	<u>30</u>	@	<u>2.35</u>	<u>70.50</u>
PLUG	<u>1.00</u>	@	<u>23.00</u>	<u>23.00</u>
	<u>Dry</u>	@		

TOTAL \$538.50

CHARGE TO: Murkin Drilling Company Inc

STREET 250 N. water suite 300

CITY Wichita STATE K.S. ZIP 67202

FLOAT EQUIPMENT

_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____
_____	@	_____	_____

TOTAL _____

FROM CONFIDENTIAL

TAX	<u>- 0 -</u>
TOTAL CHARGE	<u>\$2287.30</u>
DISCOUNT	<u>\$457.46</u> IF PAID IN 30 DAYS

Net \$1829.84

Thank you
Allied Cementing Co. Inc
Mike & Duane + Rick

RELEASED
SEP 25 1998

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Lodley Farr