

CONFIDENTIAL

CONFIDENTIAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

ORIGINAL

11/29/08

Form ACO-1  
September 1999  
Form Must Be Typed

AMENDED

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Operator: License # 30606  
Name: Murfin Drilling Company, Inc.  
Address: 250 N. Water, Suite 300  
City/State/Zip: Wichita, Kansas 67202  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Susan Sears  
Phone: (316) 267-3241  
Contractor: Name: Murfin Drilling Company, Inc.  
License: 30606

Wellsite Geologist: Paul Gunzelman  
Designate Type of Completion:  
 New Well     Re-Entry     Workover  
 Oil     SWD     SLOW     Temp. Abd.  
 Gas     ENHR     SIGW  
 Dry     Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening     Re-perf.     Conv. to Enhr./SWD  
 Plug Back     Plug Back Total Depth  
 Commingled    Docket No. \_\_\_\_\_  
 Dual Completion    Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)    Docket No. \_\_\_\_\_

<u>8/16/06</u>	<u>8/29/06</u>	<u>2/6/07</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 023-20692-0000  
County: Cheyenne  
SE SE SW \_\_\_\_\_ Sec. 29 Twp. 2 S. R. 41  East  West  
330 S feet from S / N (circle one) Line of Section  
2160 W feet from E / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE SE NW SW  
Lease Name: Ellen Well #: 1-29  
Field Name: Raile

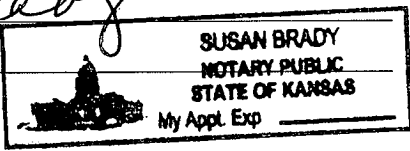
Producing Formation: Lansing Kansas City  
Elevation: Ground: 3670' Kelly Bushing: 3675'  
Total Depth: 5016' Plug Back Total Depth: 4969'  
Amount of Surface Pipe Set and Cemented at 388' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan** Att II NH 12-4-08  
(Data must be collected from the Reserve Pit)  
Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls  
Dewatering method used \_\_\_\_\_  
Location of fluid disposal if hauled offsite: \_\_\_\_\_  
Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**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 of 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: Susan Sears  
Title: Susan Sears, Operations Engineer Date: 3/29/07  
Subscribed and sworn to before me this 29<sup>th</sup> day of March,  
2007.  
Notary Public: Susan Brady  
Date Commission Expires: 11-4-07



**KCC Office Use ONLY**

Letter of Confidentiality Received  
If Denied, Yes  Date: \_\_\_\_\_

Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

RECEIVED  
MAR 30 2007

KCC WICHITA

Operator Name: Murfin Drilling Company, Inc. Lease Name: Ellen Well #: 1-29  
 Sec. 29 Twp. 2 S. R. 41  East  West County: Cheyenne

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken  Yes  No  
 (Attach Additional Sheets)  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No  
 Electric Log Run  Yes  No  
 (Submit Copy)  
 List All E. Logs Run:

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum

SEE ATTACHED LIST

KCC  
 NOV 29 2007  
 CONFIDENTIAL

Dual Induction, Compensated Porosity,  
 Microresistivity

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
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		8 5/8	24#	388'	Common	300	3% cc, 2% gel
Production		5 1/2	15.5#	4997'	EA2	275	

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate				
___ Protect Casing				
___ Plug Back TD				
___ Plug Off Zone				

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
4	4758-4761, 4763-4767, 4772-4776	500 gal 15% MCA w/3% MAS	
		1500 gal 15% NeFe	

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 3/8	4783.63		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
2/7/07	<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)

Estimated Production Per 24 Hours	Oil Bbbls.	Gas Mcf	Water Bbbls.	Gas-Oil Ratio	Gravity
	145		1	-----	

Disposition of Gas  Vented  Sold  Used on Lease (If vented, Submit ACO-18.)  
 METHOD OF COMPLETION  Open Hole  Perf.  Dually Comp.  Commingled  
 Production Interval  Other (Specify) \_\_\_\_\_

RECEIVED

MAR 30 2007

KCC WICHITA

- 8/25/06 Depth 4634'. Cut 58'. DT: none. CT: 18 ½ hrs. Trip in w/bit after DST #2, **DST #2 4570-4634 (Lansing "D")**, 30-60-30-60, Wk ¼" blw throughout-IF, No final blw, RECOVERY: 5' Mud, HP 2322-2129, FP 24-27 & 27-30, SIP 707-628, BHT 139° F. **Lansing "D"**-Ls, Crm-v.lt gy, vfxln-frag, pyr, ool, rexlzd, tr frac, tr amor calc, fr pp & vug por, v.sli odor, v.spty lt fluor, fr shw dk brn O, spty med & dk brn stn, tr asph res.
- 8/26/06 Depth 4778'. Cut 144'. DT: none. CT: 11 hrs. COOH w/DST #3, Mud Vis 57, Wt 9.2, WL 6.0, Chlor 900 ppm, LCM 1#, CMC: \$12332. **DST #3 4728-4778 (Lansing "J")**, 15-60-45-90, Strng blw BOB in 10 min-IF, Bled off, no return blw-ISI, Strng blw BOB in 16 min-FF, Bled off 2 ½" return blw-FSI. RECOVERY: 120' GIP, 180' CO (32° Grav API), 360' MO (70%Oil, 30%Mud), 360' OCM (30%Oil 70%Mud) HP 2417-2317, FP 43-259 & 275-382, SIP 1375-989, BHT 156° F. **Lansing "J"**-Ls, Crm-tn, occ tn-gy, frag, pyr, sli foss (fus) fr-gd vug por, fr intool por, scat pr-fr pp por, no odor, brt yel even fluor, v.sli shw dk brn O, med brn sat stn.
- 8/27/06 Depth 5000'. Cut 222'. DT: none. CT: 4 ½ hrs. Dev.: none. Mud Vis 60, Wt 9.6, WL 6.4, Chlor 900 ppm, LCM 1#, CMC: \$13056.
- 8/28/06 RTD 5016'. Cut 16'. DT: none. CT: 22 ½ hrs. Dev.: 1° @ 5016'. HC @ 8:30 a.m. 8/27/06. Log Tech logged from 1:30 to 6:45 p.m. 8/27/06, LTD @ 5018'. Ran 18 jts. = 4997' of 5 ½" prod. csg. set @ 4997', cmt. w/275 sx. EA2.
- 8/29/06 RTD 5016'. Cut 0'. DT: none. CT: 5 ¼ hrs. Swift cementers plug down @ 8:15 a.m. 8/28/05, 15 sx. in RH, 10 sx. in MH. Rig released @ 12:15 p.m. 8/28/05. FINAL REPORT.

Formation	Ellen #1-29 3675' KB						DCLM #5-32 3673' KB	
	Sample Top	Datum	Ref	Log top	Datum	Ref	Log Top	Datum
Anhydrite	3612	+63	-42	3574	+101	-4	3568	+105
B/Anhydrite	3645	+30	-39	3611	+64	-5	3604	+69
Topeka	4357	-682	-5	4354	-679	-2	4350	-677
Oread	4470	-795	-4	4472	-797	-6	4464	-791
Lansing	4544	-869	-6	4542	-867	-1	4539	-866
Lansing J	4758	-1083	-4	4756	-1081	+1	4756	-1083
Stark Sh	4788	-1113	-6	4788	-1113	-6	4780	-1107
BKC	4886	-1211	-8	4885	-1210	-7	4876	-1203
Marmaton	4948	-1273	-1	4946	-1271	-7	4937	-1264
Cherokee							5058	-1385
RTD	5016	-1341						
LTD				5018	-1343		5101	

RECEIVED  
MAR 30 2007  
KCC WICHITA

11/29/08



MURFIN  
DRILLING  
CO., INC.



CONTRACTORS AND PRODUCERS

March 29, 2007

KCC

NOV 29 2007

CONFIDENTIAL

Kansas Corporation Commission  
Conservation Division  
130 S Market, Room 2078  
Wichita, Ks 67202

Re: **Confidential Filing** : ACO-1  
API #15-023-20692-0000  
Ellen 1-29  
**Revised**

Attn: Rick Hesterman

Dear Rick:

Please find following the above referenced confidential filing for the Ellen 1-29. The ACO-1 was previously sent in on November 29, 2006 with all attachments but was not yet completed. Additional completion and production information are included with this revised ACO-1. We have requested this information be kept confidential for a two year period.

Let me know if you need any further information on this. Thanks for all your help!

Sincerely,

Sue Brady  
Production Assistant

RECEIVED  
MAR 30 2007  
KCC WICHITA