

CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM

ORIGINAL

Form ACO-1
September 1999
Form Must Be Typed

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: Tom W. Nichols
Phone: (316) 267-3241
Contractor: Name: Murfin Drilling Company, Inc.
License: 30606

API No. 15 - 15-023-20639-0000
County: Cheyenne
SE NE SE Sec. 31 Twp. 2 S. R. 41 East West
1790 S feet from S / N (circle one) Line of Section
240 E feet from E / W (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Neitzel Unit Well #: 1-31

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

Field Name: Raile
Producing Formation: NA
Elevation: Ground: 3669' Kelly Bushing: 3674'
Total Depth: 5050' Plug Back Total Depth: N/A
Amount of Surface Pipe Set and Cemented at 387 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.

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. _____

Drilling Fluid Management Plan *ACT I within 2-8-08*
(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: _____
Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West
County: _____ Docket No.: _____

12/6/05 12/18/05 12-18-2005
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

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: [Signature]
Title: Tom Nichols, Production Manager Date: 1/30/06
Subscribed and sworn to before me this 31st day of January,
2006.
Notary Public: Susan Brady
Date Commission Expires: 11-4-07

KCC Office Use ONLY
YES Letter of Confidentiality Received
If Denied, Yes Date: _____
 Wireline Log Received
 Geologist Report Received
 UIC Distribution

SUSAN BRADY
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp _____

X

Operator Name: Murfin Drilling Company, Inc. Lease Name: Neitzel Unit Well #: 1-31
Sec. 31 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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<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	SEE ATTACHED LIST		
Electric Log Run <i>(Submit Copy)</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:	Dual Induction, Compensated Porosity, Microresistivity			

ORIGINAL

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		387	Common	300	3% cc, 2% gel

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth
		RECEIVED FEB 02 2006 KCC WICHITA	

TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. N/A	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	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) _____

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- 12/15/05 Depth 4750'. Cut 142'. DT: ¼ hr. (pump). CT: 10 ¾ hrs. Dev.: 1/8° @ 4750'.
Lansing H zone: sl drlg break 4701-4705, 4 min/ft. Im tn-wh fn xln scat v sl inter xln porosity sl show asphaltic black oil drk brn stn spty bright fluor fr-gd cut. **Lansing J zone:** slight drlg brk 4733-37 5 & 6 min/ft. - 3 & 4 min/ft. Im tn-wh fn xln w/scat oolitic & tr oolitic Im p-fr-vug porosity sl inter xln porosity scat fr show asphaltic black oil sl show dr brn pp fo drk brn stn spty bright fluor gd cut. **DST #2 4698-4750 (Lansing H & J zones):** 30-60-30-60, IF: wk surface blow throughout. FF: no blow. Rec. 3'M w/spts oil in tool. HP: 2349-2315; FP: 22/24, 25/26; SIP: 66-46. BHT 135°.
- 12/16/05 Depth 4805'. Cut 55'. DT: none. CT: 19 ¼ hrs. Dev.: none. Circ. @ 4805', Im tn-wh pr-fr vug porosity fr show asphaltic black o sl s drk brn pp fo lt brn-drk spty stn spty gd fluor gd cut. **DST #3 4789-4805 (Lansing K zone):** 30-60-30-60. IF: wk surface blow; FF: wk surface blow. Rec. 60' MCW (60% W, 40% M), (Chl. 51,000 ppm). HP: 2431-2407; PF: 13/26, 30/40; SIP: 1449-1406. BHT 141°.
- 12/17/05 Depth 5040' Cut 235' DT: none. CT: 10 ¼ hrs. Dev. None.
- 12/18/05 RTD 5050' Cut 10' DT: none. CT: 23 1/2 hrs. Dev: 3/4° @ 5050'. Hole complete @ 7:10 a.m. 12/17/05. Log Tech logged from 10:45 a.m. to 4:30 p.m., LTD @ 5054. Plugged hole from 11:00 p.m 12/17/05 to 2:30 p.m 12/18/05 w/60/40- poz, 6% gel as follows: 25 sx. @ 3579', 100 sx. @ 2818'. 40 sx. @ 437', 10 sx. @ 40', 15 sx. in RH, 10 sx in MH Orders from Richard Williams, KCC, Hays. Rig Released @ 6:30 p.m. 12/18/05.

ORIGINAL

Formation	Neitzel Unit #1-31 3674' KB						Shelley #8-32 3685' KB	
	Sample Top	Datum	Ref	Log top	Datum	Ref	Log Top	Datum
Anhydrite	3564	+110	-12	3561	+113	-9	3563	+122
B/Anhydrite	3595	+79	-8	3596	+78	-9	3598	+87
Topeka	4338	-664	-6	4340	-666	-8	4343	-658
Oread	4453	-779	-4	4456	-782	-7	4460	-775
Lansing	4525	-851	-2	4531	-857	-8	4534	-849
Lansing D	4583	-909	-2	4585	-911	-4	4592	-907
Lansing J	4726	-1052	+5	4748	-1074	-17	4742	-1057
Stark Sh	4760	-1086	-5	4763	-1089	-8	4766	-1081
BKC	4852	-1178	-5	4854	-1180	-7	4858	-1173
Marmaton	4913	-1239	-8	4916	-1242	-11	4916	-1231
Cherokee	5025	-1351	-7	5032	-1358	-14	5026	-1344
RTD	5050	-1376					5050	-1365
LTD				5054	-1380		5052	-1367

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Neitzel Unit #1-31

15-023-20639-00-00

Operator: Murfin Drilling Company, Inc.
Contractor: Murfin Drilling Company, Inc.
Rig #3

Raile Prospect #2929

1790 FSL 240 FEL
Sec. 32-T2S-R41W
Cheyenne County, Kansas

Contact Person: Scott Robinson
Phone number: 316-267-3241
Well site Geologist: Tim Pierce

Call Depth: 3900'
Spud 1:15 p.m. 12/6/05
TD: 5050'

API # 15-023-20639
Casing: 8 5/8" @ 387'
Elevation: 3669' GL
3674' KB

DAILY INFORMATION:

- 12/5/05 MIRT.
- 12/6/05 Finish move and spud.
- 12/7/05 Depth 387'. Cut 387'. DT: 6 3/4 hrs. (WOC). CT: none. Dev.: 1/4° @ 387'. Spud @ 1:15 p.m 12/6/06. Ran 9 jts. = 380.87' of 8 5/8" surf. csg. set @ 387', cmt. w/300 sx. comm., 3% cc, 2% gel, plug down @ 12:15 a.m. 12/7/05. Circ. 8 bbls by Allied.
- 12/8/05 Depth 1473'. Cut 1086'. DT: 4 3/4 hrs. (WOC), 1 1/4 hrs. (air). CT: none. Dev.: 3/4° @ 652', 3/4° @ 839', 1° @ 1055', 1° @ 1241, 2° @ 1460'. Drilled out plug @ 12:45 p.m. 12/7/05.
- 12/9/05 Depth 2044'. Cut 571'. DT: 2 1/2 hrs. (air), 1 hr. (TOOH survey line broke). CT: none. Dev.: 1 1/4° @ 1642', 1/2° @ 1860'.
- 12/10/05 Depth 2820'. Cut 776'. DT: 3 1/2 hrs. (survey line). CT: none. Dev.: 0° @ 2044', 1/2° @ 2230', 1/4° @ 2446', 1/8° @ 2662'.
- 12/11/05 Depth 3500'. Cut 680'. DT: none. CT: none. Dev.: 1/2° @ 3064', 3/4° @ 3498'.
- 12/12/05 Depth 4070'. Cut 570'. DT: none. CT: none. Dev.: 1° @ 4048'. WE HAD A 1' FILL correcting elevation to 3669' GL and 3674' KB.
- 12/13/05 Depth 4415'. Cut 345'. DT: none. CT: none. Dev.: none.
- 12/14/05 Depth 4608'. Cut 193'. DT: none. CT: 10 1/2 hrs. Dev.: none. **Lansing D:** 10' drlg brk, 4&5 min/ft - 3 min/ft. Im wh-crm fr-gd vug porosity sl inter xln porosity sl show pp fo spty lt brn stn gd fluor & cut. **DST #1 4552-4608 (Lansing D zone):** 30-45-30-60 IF: wk 1/2" blow died in 25 min. FF: no blow. Rec. 5' M w/O spts. HP: 2255-2154; FP: 22/26, 28/31; SIP: 299-281; BHT 134°

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- 12/15/05 Depth 4750'. Cut 142'. DT: ¼ hr. (pump). CT: 10 ¾ hrs. Dev.: 1/8° @ 4750'. **Lansing H zone:** sl drlg break 4701-4705, 4 min/ft. Im tn-wh fn xln scat v sl inter xln porosity sl show asphaltic black oil drk brn stn spty bright fluor fr-gd cut. **Lansing J zone:** slight drlg brk 4733-37 5 & 6 min/ft. - 3 & 4 min/ft. Im tn-wh fn xln w/scat oolitic & tr oolitic Im p-fr-vug porosity sl inter xln porosity scat fr show asphaltic black oil sl show dr brn pp fo drk brn stn spty bright fluor gd cut. **DST #2 4698-4750 (Lansing H & J zones):** 30-60-30-60, IF: wk surface blow throughout. FF: no blow. Rec. 3'M w/spts oil in tool. HP: 2349-2315; FP: 22/24, 25/26; SIP: 66-46. BHT 135°.
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Cherokee	5025	-1351	-7	5032	-1358	-14	5026	-1344
RTD	5050	-1376					5050	-1365
LTD				5054	-1380		5052	-1367

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Allied Cementing Co., Inc
P.O. Box 31
Russell, KS 67665

* I N V O I C E *

CONFIDENTIAL

Invoice Number: 099753

Invoice Date: 12/08/05

15-023-20639-00-00

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Sold Murfin Drilling Co.
To: 250 N. Water, St. #300
Wichita, KS
67202

85/8"

Cust I.D.....: Murfin
P.O. Number...: Neitzel Unit #1-31
P.O. Date.....: 12/08/05

Due Date.: 01/07/06
Terms.....: Net 30

Item I.D./Desc.	Qty. Used	Unit	Price	Net	TX
Common	300.00	SKS	10.0000	3000.00	T
Gel	6.00	SKS	14.0000	84.00	T
Chloride	10.00	SKS	38.0000	380.00	T
Handling	316.00	SKS	1.6000	505.60	E
Mileage	110.00	MILE	18.9600	2085.60	E
316 sks @.06 per sk per mi					
Surface	1.00	JOB	670.0000	670.00	E
Mileage pmp trk	110.00	MILE	5.0000	550.00	E
Surface Plug	1.00	EACH	55.0000	55.00	T

All Prices Are Net, Payable 30 Days Following
Date of Invoice. 1 1/2% Charged Thereafter.
If Account CURRENT take Discount of \$ 733.02
ONLY if paid within 30 days from Invoice Date

Subtotal: 7330.20
Tax.....: 256.89
Payments: 0.00
Total....: 7587.09

(Handwritten initials: PK 10)

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KCC WICHITA

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

CONFIDENTIAL SERVICE POINT:

CAKLEY

DATE 12-6-05	SEC. 31	TWP. 2S	RANGE 41W	CALLED OUT	ON LOCATION 10:30 AM	JOB START 11:45 AM	JOB FINISH 12:15 AM
NEITZEL LEASE UNIT	WELL # 1-31	LOCATION ST. FRANCIS 2W-3N-3W-1N-3W			COUNTY CHEYENNE	STATE KS	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR MURFIN DRILLING RIG #3

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4" T.D. 387'

CASING SIZE 8 5/8" DEPTH 387'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT 23 3/4 BBL

OWNER SAME

CEMENT

AMOUNT ORDERED 300 SKS COM. 3% CC 2% GEL

COMMON	<u>300 SKS</u>	@	<u>10.00</u>	<u>3000.00</u>
POZMIX		@		
GEL	<u>6 SKS</u>	@	<u>14.00</u>	<u>84.00</u>
CHLORIDE	<u>10 SKS</u>	@	<u>38.00</u>	<u>380.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>316 SKS</u>	@	<u>1.60</u>	<u>505.60</u>
MILEAGE	<u>64 PER SK / MILE</u>			<u>2085.60</u>
TOTAL				<u>6055.20</u>

EQUIPMENT

PUMP TRUCK CEMENTER TERRY

191 HELPER WAYNE

BULK TRUCK

386 DRIVER KELLY

BULK TRUCK

_____ DRIVER _____

REMARKS:

CEMENT CHG CIRC.

THANK YOU

CHARGE TO: MURFIN DRILL CO, INC.

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB	<u>387'</u>		
PUMP TRUCK CHARGE			<u>670.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>110 MI</u>	@	<u>5.00</u>
MANIFOLD		@	
		@	
TOTAL <u>1220.00</u>			

PLUG & FLOAT EQUIPMENT

<u>8 5/8 SURFACE PLUG</u>	@	<u>55.00</u>
	@	
	@	
	@	
	@	
TOTAL <u>55.00</u>		

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.

TAX _____

TOTAL CHARGE _____

DISCOUNT _____ IF PAID IN 30 DAYS

SIGNATURE Keith Van Bort

PRINTED NAME