

Revised

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

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AUG 18 2005

Form ACO-1
September 1999
Form Must Be Typed

WELL COMPLETION FORM

WELL-HISTORY - DESCRIPTION OF WELL & LEASE

KCC WICHITA

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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
Wellsite Geologist: Jeff Zoller

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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. _____

3/18/05 4/1/05 8/10/05
Spud Date or Date Reached TD Completion Date or
Recompletion Date Recompletion Date

API No. 15 - 15-185-23305-0000
County: Stafford
N2 NE NE NE Sec. 16 Twp. 22 S. R. 13 East West
330 N feet from S / N (circle one) Line of Section
800 E feet from E / W (circle one) Line of Section

ORIGINAL

Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW SW
Lease Name: Curtis Well #: 1-16
Field Name: Kenilworth

Producing Formation: LKC, Arbuckle
Elevation: Ground: 1890' Kelly Bushing: 1895'
Total Depth: 3940' Plug Back Total Depth: _____
Amount of Surface Pipe Set and Cemented at 812 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
(Data must be collected from the Reserve Pit) ALT J WHM
8-17-07
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.: _____

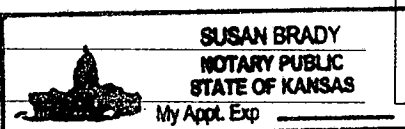
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side 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: [Signature]
Title: Tom Nichols, Production Manager Date: Aug. 17, 2005

Subscribed and sworn to before me this 17th day of August, 2005

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

✓

X

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Side Two

ORIGINAL

Operator Name: Murfin Drilling Company, Inc. Lease Name: Curtis Well #: 1-16
Sec. 16 Twp. 22 S. R. 13 East West County: Stafford

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 (Attach Additional Sheets)
Samples Sent to Geological Survey
Cores Taken
Electric Log Run (Submit Copy)
List All E. Logs Run:
Dual Induction, Dual Compensated Porosity, Microresistivity
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CASING RECORD
Report all strings set-conductor, surface, intermediate, production, etc.
Table with columns: 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

ADDITIONAL CEMENTING / SQUEEZE RECORD
Table with columns: Purpose, Depth Top Bottom, Type of Cement, #Sacks Used, Type and Percent Additives

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

TUBING RECORD
Table with columns: Size, Set At, Packer At, Liner Run

Date of First, Resumerd Production, SWD or Enhr.
Producing Method
Table with columns: Date, Producing Method

Estimated Production Per 24 Hours
Table with columns: 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
Other (Specify)

15-185-23305-00-00

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ORIGINAL KCC WICHITA

3/27/05 cont. **DST #4 3590-3620'** (Lansing K-zone) 30-60-60-90; IF: fr blw bldg OBB in 4". FF: fr blw bldg OBB in 4". ISI: wk blw bldg to 3" thru out. FSI: wk blw bldg to 3" thru out. Rec.: 1600' GIP, 180' CGO (30° API grav.), 70' SOCMW (2% O, 23% M, 75% W) (Chlr. 43,000 ppm); HP: 1722-1678; FP: 28/67, 86/127; SIP: 774-770. BHT 108°.

3/28/05 Depth 3712'. Cut 92'. **DST #5 3674-3712' (Conglomerate)**: 30-45-30-90; IF: 1" thru out. FF: surf. blw thru out. Rec.: 10' M. HP: 1781-1729; FP: 21/25, 23/24; SIP: 38-35. BHT 103°.

3/29/05 Depth 3800'. Cut 88'. **DST #6 3750-3800' (Simpson SS)**: 30-45-45-0. IF: ½" blw thru out. FF: no blw flushed tool no help. Rec.: 15' M. HP: 1832-1794; FP: 20/23, 23/28; SIP: 38-NA. BHT 98°.

3/30/05 Depth 3830'. Cut 30'. **DST #7 3806-3820' (Arbuckle)**: Packer failure Misrun. Cut 10 more feet had excellent shows. **DST #8 3810-3820' (Arbuckle)**

3/31/05 Depth 3830'. Cut 0'. **DST #8 3810-3820' (Arbuckle)**: Mis run tool failure. Ricketts brought another test tool. **DST #9 3812-3820' (Arbuckle)**: 30-45-60-90; IF: wk blw built to 5" in 30 min. FF: wk blw built to 6" in 45 min. Rec.: 50' CO (24° API Grav.), 90' SO&WCM (12% O, 64% M, 24% W) (Chlr. 12,000 ppm); HP: 1868-1810; FP: 20/38, 44/70; SIP: 1271-1281. BHT 106°.

4/1/05 RTD 3940'. Cut 110'. **DST #10 3828-3840' (Arbuckle)**: IF: wk bldg to strng blw OBB in 5". FF: wk bldg to strng blw OBB in 5". ISI: wk surf. blw thru out. FSI: wk surf. blw thru out. Rec.: 100' CO (22° API Grav.), 50' SO&MCW (10% O, 30% M, 60% W), 850' W (Chlr 20,000); HP: 1846-1799. FP: 43/229, 240/414; SIP: 1305-1304. BHT 118°. Should start around noon.

4/2/05 Log Tech logged, LTD @ 3938'. Ran 101 jts. of 5 ½" prod. csg. set @ 3928'. Cmt. w/200 sx. AA-2 Prem. Cmt., plugged rat hole, comp. @ 7:30 a.m. 4/2/05. Final report.

MDCI Curtis #1-16 1895' KB							Turnco Drilling, Inc. Curtis-Chaad #4 1901' KB	
Formation	Sample Top	Datum	Ref	Log tops	Datum	Ref	Log Top	Datum
Anhydrite	754	+1141	-1	755	+1140	-2	759	+1142
B/Anhydrite	783	+1112	-5	778	+1117	Flat	784	+1117
Topeka	2973	-1078		2965	-1070			
Heebner	3266	-1371	-1	3264	-1369	+1	3271	-1370
Toronto	3288	-1393	-3	3285	-1390	Flat	3291	-1390
Douglas	3302	-1407	-3	3300	-1405	-1	3305	-1404
Brown Lime	3397	-1502	-3	3394	-1499	Flat	3400	-1499
Lansing A	3417	-1522	-3	3414	-1519	Flat	3420	-1519
Lansing H	3540	-1645	-6	3534	-1639	Flat	3540	-1639
Stark Shale	3592	-1697	-1	3590	-1695	+1	3597	-1696
BKC	3620	-1725	Flat	3620	-1725	Flat	3626	-1725
Conglomerate	3684	-1789	+4	3683	-1788	+5	3694	-1793
Viola	3714	-1819	+1	3721	-1826	-6	3721	-1820
Simpson Sh	3756	-1861	+2	3754	-1859	+4	3764	-1863
Simpson SS	3776	-1881	+4	3774	-1879	+6	3786	-1885
Arbuckle	3808	-1913	+6	3806	-1911	+8	3820	-1919
TD	3940			3938				