

"CONFIDENTIAL"

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

ORIGINAL

4124109

Form ACO-1
September 1999
Form Must Be Typed

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: Kevin Davis

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. _____

3/17/07 3/25/07 N/A
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date

API No. 15 - 15-193-20716-0000
County: Thomas
NW NW SE SW Sec. 14 Twp. 9 S. R. 33 East West
1300 S feet from S / N (circle one) Line of Section
1400 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: Herbel Well #: 1-14
Field Name: unknown

Producing Formation: N/A
Elevation: Ground: 3111' Kelly Bushing: 3121'
Total Depth: 4760' Plug Back Total Depth: N/A
Amount of Surface Pipe Set and Cemented at 306' 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 PA NH 11-06-08
(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: 4/23/07
Subscribed and sworn to before me this 24th day of April, 2007.
Notary Public: Susan Brady
Date Commission Expires: 11-4-07

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

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

UIC Distribution
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APR 25 2007

CONSERVATION DIVISION
WICHITA, KS

Operator Name: Murfin Drilling Company, Inc. Lease Name: Herbel Well #: 1-14
 Sec. 14 Twp. 9 S. R. 33 East West County: Thomas

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Submit Copy)</i> List All E. Logs Run: Dual Induction, Compensated Porosity, Microresistivity	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum SEE ATTACHED LIST <div style="text-align: center;"> KCC APR 24 2007 CONFIDENTIAL </div>
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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		306'	Common	215	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

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.		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 <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <input type="checkbox"/> Other (Specify) _____	Production Interval
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CONSERVATION DIVISION
WICHITA, KS

Herbel #1-14
 Daily drilling report
 Page two

3/24/07 RTD 4760'. Cut 290'. DT: none. CT: 14 ½ hrs. Dev.: none. Log Tech logged from 8:15 p.m. to 2:15 a.m. 3/24/07, LTD 4762'.

3/25/07 RTD 4760'. CT: 8 ½ hrs. Allied plugged hole w/60/40 poz., 6% gel as follows: 25 sx. @ 2700', 100 sx. @ 1815', 40 sx. @ 360', 10 sx. @ 40', 15 sx. in RH, 10 sx. in MH., began @ 9:00 p.m., comp. @ 11:30 a.m. 3/24/07, orders from Ed Schumacher, KCC @ Hays. Rig released @ 3:30 p.m. 3/24/07. FINAL REPORT.

Herbel #1-14 1300 FSL 1400 FWL Sec. 14-T9S-R33W 3121' KB							Wilson #1-13 1380 FNL 1420 FWL Sec. 13-T9S-R33W 3105' KB	
Formation	Sample Top	Datum	Ref	Log Top	Datum	Ref	Log tops	Datum
Anhydrite	2683	+438	+14				2681	+424
B/Anhydrite	2715	+406	+11				2710	+395
Topeka	3845	-724	+18	3844	-723	+19	3847	-742
Heebner	4052	-931	+16	4050	-929	+18	4052	-947
Lansing	4094	-973	+15	4089	-968	+20	4093	-988
Stark	4310	-1189	+14	4306	-1185	+18	4308	-1203
BKC	4372	-1251	+16				4372	-1267
Marmaton	4395	-1274	+15				4394	-1289
Altamont	4423	-1302	+17				4424	-1319
Pawnee	4500	-1379		4498	-1377			
Ft. Scott	4552	-1431						
Cherokee				4592	-1471	+16	4592	-1487
Mississippi				4673	-1552	+21	4678	-1573
TD							4764	-1659

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CONSERVATION DIVISION
 WICHITA, KS

Herbel #1-14

Operator: Murfin Drilling Company, Inc.
Contractor: Murfin Drilling Company, Inc.
Rig #14

Ognim Prospect #3304
1300 FSL 1400 FWL
Sec. 14-T9S-R33W
Thomas County, Kansas

Contact Person: David Doyel
Phone number: 316-267-3241
Well site Geologist: Kevin Davis

Call Depth: 3500'
Spud: 3/17/07 @ 10:15 a.m.
Completed: 3/25/07 P&A

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API # 15-193-20716
Casing: 8 5/8" @ 306'

TD: 4760'

Elevation: 3111' GL
3121' KB

DAILY INFORMATION:

- 2/19/07 Start to move in trucks, may finish tomorrow.
- 2/20/07 Too muddy to move. They moved two loads yesterday and the location is so muddy that they have decided to move rig to another location in Logan County and will move back to the Herbel when conditions allow.
- 3/16/07 Start move today, & finish move & spud 3/17/07.
- 3/17/07 will spud this morning.
- 3/18/07 Depth 885'. Cut 885'. DT: 8 hrs. (WOC). CT none. Dev.: 3/4° @ 310'. Spud 3/17/07 @ 10:15 a.m. Ran 7 jts. = 297' of 8 5/8" surf. csg. set @ 306', cement w/215 sx. comm., 3% cc, 2% gell, plug down @ 4:30 pm. 3/17/07, drilled out @ 12:30 a.m. 3/18/07, cement. circ. to cellar by Allied.
- 3/19/07 Depth 2675'. Cut 1790'. DT: none. CT: none. Dev.: 1/2° @ 1201', 1/4° @ 2215'.
- 3/20/07 Depth 3455'. Cut 780'. DT: none. CT: none. Dev.: 1 1/4° @ 2754', 1 1/4° @ 3134'.
- 3/21/07 Depth 4025'. Cut 570'. DT: none. CT: none. Dev.: 1° @ 3705'.
- 3/22/07 Depth 4480'. Cut 455'. DT: none. CT: 1 hr. Dev.: none.
- 3/23/07 Depth 4570'. Cut 90'. DT: none. CT: 19 1/4 hrs. Dev.: 2° @ 4550'. **DST #1 4472-4550 (Pawnee):** 30-60-60-60. Rec. 210' TF, 120' SLOCM (10% O, 90% M), 90' SLOWM (1% O, 34% W, 65% M), Chl 21,000 ppm. HP: 2183-2049; FP: 20/62, 69/123; SIP: 1038-999. BHT 126°.

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Herbel #1-14
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4/24/09



MURFIN
DRILLING
CO., INC.



CONTRACTORS AND PRODUCERS

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April 24, 2007

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

Re: **Confidential Filing**: ACO-1
API #15-193-20716-0000
Herbel 1-14

Attn: Rick Hesterman

Dear Rick:

Please find following the above referenced confidential filing for the Herbel 1-14.
We have requested that this information be kept confidential for a two year period.

Let me know if you need any further information on this.

Sincerely,

Sue Brady
Production Assistant

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