

15-051-24994-00-00

FORM MUST BE TYPED

SIDE ONE

ORIGINAL

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: \_\_\_\_\_  
Operator Contact Person: Larry M. Jack  
Phone (316) 267-3241  
Contractor: Name: Murfin Drilling Co., Inc.  
License: 30606

Wellsite Geologist: Randy Kilian  
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: 5-6-2000  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Inj/SWD  
 Plug Back  PBTB  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Inj?)  Docket No. \_\_\_\_\_  
9/11/98 9/19/98  
Spud Date Date Reached TD Completion Date

API NO. 15- 051-24994  
County Ellis  
-SW -NW -SE Sec. 8 Twp. 11S Rge 19 XW  
1505 Feet from S/N (circle one) Line of Section  
2490 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 Hall-Mick Well # 1-8  
Field Name Unknown  
Producing Formation \_\_\_\_\_  
Elevation: Ground 2071 KB 2076  
Total Depth 3695 PBTB \_\_\_\_\_  
Amount of Surface Pipe Set and Cemented at 255 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 P&A 10-12-98 U.C.  
(Data must be collected from the Reserve Pit)  
Chloride content \_\_\_\_\_ ppm Fluid volume 2500 bbls  
Dewatering method used Evaporation  
Location of fluid disposal if hauled offsite: KCC  
10-7-1998  
OCT 07 1998  
Operator Name \_\_\_\_\_  
Lease Name \_\_\_\_\_ License No. \_\_\_\_\_  
\_\_\_\_\_ Quarter Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S Rng. \_\_\_\_\_ E/W  
County \_\_\_\_\_ Docket No. \_\_\_\_\_

CONFIDENTIAL

RELEASED

MAY 0 6 2000

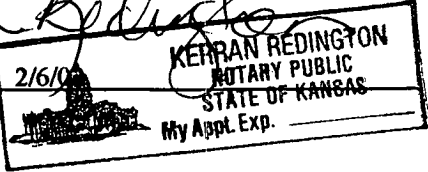
FROM CONFIDENTIAL

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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 10/07/98  
Subscribed and sworn to before me this 7 day of October  
19 98.  
Notary Public Kerran Redington  
Date Commission Expires 2/6/00



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 (Specify) \_\_\_\_\_

ORIGINAL

SIDE TWO

Operator name Murfin Drilling Co., Inc.

Lease Name Hall-Mick Well # 1-8

Sec. 8 Twp. 11 S Rge. 19  East  West

County Ellis

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 See attached	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Electric Log Run (Submit Copy.) List all E.Log	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

CASING RECORD <u>  </u> New <u>  </u> 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	12 1/4"	8 5/8"	24#	255	60/40 Poz	165	3% cc, 2% gel

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top/Btm	Type of Cement	# Sacks Used	Type and Percent Additives
<u>  </u> Perforate				
<input checked="" type="checkbox"/> Protect Csg				
<u>  </u> Plug Back TD				
<u>  </u> 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

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

Disposition of Gas:  Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  Other (Specify) \_\_\_\_\_

METHOD OF COMPLETION \_\_\_\_\_

Production Interval \_\_\_\_\_

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ORIGINAL

**#1-8 Hall-Mick**

Operator: Murfin Drilling Company, Inc  
1505' FSL & 2490' FEL  
Sec. 8-T11S-R19W  
Ellis County, Kansas

DST #1 3079-3096, (Topeka) 30-45-60-90; Rec. 2' CL O, 250' OCMW (2% O, 88% W, 10% M), 120' W (chlorides 76,000 PPM @ 86° f) = 372' total fluid; HP: 1430-1405; SIP: 609-612; FP: 24/89, 93/190; BHT: 103°.

DST #2 3306-3358, (Lansing A, B zones), 30-45-30-45; Rec. 20' SL OCM (3% O, 97% M); HP: 1627-1587; SI: 600-583; FP: 33/41, 44/50; BHT: 107°.

DST #3 3362-3402, (Lansing C/D, E/F), 30-45-60-90; Rec. 60' CL O (31° @ 60°), 70' MWCO (5% G, 45% O, 20% W, 30% M), 60' OCMW (5% O, 50% W, 45% M), 240' W (CHL 78,000 PPM, RW .13 ohms @ 55°) = 430' total fluid. HP: 1630-1612; SI: 624-625; FP: 26/2107, 112/218; BHT: 107°.

DST #4 3407-3417, (Lansing G zone) 30-60-30-60; Rec. 80' MW, 600' W (CHL 64,000 PPM RW .05 ohms @ 75°) = 680' total fluid. HP: 1657-1648; SIP: 657-656; FP: 28/263, 264/342; BHT: 108°.

DST #5 3437-3480, (Lansing H & I zones) 30-60-60-120; Rec. 5' CL O (29° @ 60°); 120' O & GCMW (6% G, 10% O, 59% W, 25% M); 240' OCMW (10% O, 80% W, 10% M); 780' W (CHL 62,000 PPM, RW .12 ohms @ 82°) = 1145' total fluid. HP: 1673-1665; SIP: 1001-980; FP: 40/328, 330/548; BHT: 112°.

DST #6 3483-3528, (Lansing J & K zones) 30-45-30-45; Rec. 10' M; HP: 1696-1678; SIP: 880-847; FP: 21/29, 30/40; BHT: 107°.

DST #7 3626-3655 (Arbuckle) 30-60-30-60; Rec. 180' MW, 2470' W (CHL 27,000 PPM, RW .15 ohms @ 50°) = 2650' total fluid. HP: 1774-1790; SIP: 1175-1176; FP: 888/1122, 1124/1123. BHT: 115°.

DST #8 3567-3624 (Marmaton Straddle) 30-60-30-60; Rec. 60' M w/a show of oil; HP: 1742-1781; SIP: 1071-1039; FP: 21/40, 43/55; BHT: 109°.

**LOG TOPS**

Anhydrite	1418	+ 658
B/ Anhy	1464	+ 612
Topeka	3062	- 986
Heebner	3278	-1202
Toronto	3296	-1220
Lansing	3316	-1240
BKC	3537	-1461
Arbuckle	3636	-1560
RTD	3695	-1619
LTD	3698	-1622

KCC  
10-7-1998  
OCT 07 1998  
CONFIDENTIAL

RELEASED  
5-6-2000  
MAY 06 2000

RECEIVED  
KANSAS CORP COM 11  
10-8-1998  
OCT 8 1998  
12:26

FROM CONFIDENTIAL