

STATE CORPORATION COMMISSION OF KANSAS
OIL & GAS CONSERVATION DIVISION
WELL COMPLETION FORM
ACO-1 WELL HISTORY
DESCRIPTION OF WELL AND LEASE

6161

Operator: License # 30606Name: Murfin Drilling Co., Inc.Address 250 N. Water, Suite 300City/State/Zip Wichita, KS 67202Purchaser: n/aOperator Contact Person: Larry M. JackPhone () 267-3241Contractor: Name: White & Ellis

License: _____

Wellsite Geologist: Daniel Fredlund

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: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD☐ Plug Back ☐ PBTD☐ Commingled ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☐ Other (SWD or Inj?) Docket No. _____Spud Date 3/2/92 Date Reached TD 3/11/92 Completion Date 5/01/92API NO. 15- 155-2 02County RenoNE NE SE Sec. 22 Twp. 23S Rge. 8W E W2310 Feet from S/N^X (circle one) Line of Section510 Feet from E/W^X (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name Moser C Well # 1Field Name UnknownProducing Formation ArbuckleElevation: Ground 1637 KB 1643Total Depth 4600 PBTD _____Amount of Surface Pipe Set and Cemented at 240 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cat.

Drilling Fluid Management Plan air I
(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 Rng. _____ E/W

County _____ Docket No. _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado by Building, 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 By: Larry M. JackTitle Larry M. Jack, Production Mgr. Date 6/9/92Subscribed and sworn to before me this 9 day of June, 19 92.Notary Public Kerran RedingtonDate Commission Expires 2/6/94

K.C.C. OFFICE USE ONLY	
F	☒ Letter of Confidentiality Attached
C	☒ Wireline Log Received <u>IN USE</u>
C	☐ Geologist Report Received <u>2/2/94</u>
Distribution	
☒ KCC	☐ SWD/Rep
☒ KGS	☐ Plug
Wichita & Other (Specify)	

180924

SIDE TWO

Operator Name Murfin Drilling Co., Inc. Lease Name Moser C Well # 1
 Sec. 22 Twp. 23S Rge. 8 ☐ East ☒ West
 County Reno

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.)	☒ Yes ☐ No	☐ Log	Formation (Top), Depth and Datums	☒ Sample
Samples Sent to Geological Survey	☒ Yes ☐ No	Name	Top	Datum
Cores Taken	☐ Yes ☒ No	Howard	2495 (- 852)	
Electric Log Run (Submit Copy.)	☒ Yes ☐ No	Severy	2553 (- 910)	
List All E.Logs Run:		Topeka	2618 (- 975)	
		Heebner	2948 (-1305)	
		Douglas	2971 (-1328)	
		Brown Lm	3133 (-1490)	
		LKC	3157 (-1514)	
		Drum	3333 (-1690)	
		Dennis	3380 (-1737)	
		Stark	3428 (-1785)	
		Swope	3438 (-1795)	

CASING RECORD ☐ New ☐ 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 1/2	8 5/8	25.5	240	60/40 Pozmix	120	2% gel, 3% cc
Production	7 7/8	5 1/2	15.5	4158	50/50 Pozmix	130	2% gel, 10% A5

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
Open hole	4158-4600'	n/a	

TUBING RECORD		Size	Set At	Packer At	Liner Run	☐ Yes ☐ No
		2 7/8	4127			

Date of First, Resumed Production, SWD or Inj.	Producing Method	☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)
5/19/92		

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 (If vented, submit ACO-18.)	☒ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled ☐ Other (Specify)	as above

Computer Generated

CW

22-23-SW

Murfin Drilling Co., Inc.
Moser C #1
Reno County, KS

Attachment to ACO-1 Well Completion Form

DST #1: 3675-3690'

30-60-45-90

Rec: 1674' GIP

124' GOCM (10% G, 10% O, 80% M)

744' W

75,000 ppm Chlorides

FP: 81-416, SIP: 1216

DST #2: 3690-3705

15-45-45-90

Rec: 310' GIP

62' G&OCM (5% O, 5% G, 90% M)

1612' W

70,000 ppm Chlorides

FP: 172-274/365-791, SIP: 1287-1297

Additional log tops:

BKC	3533 (-1890)
MISS	3669 (-2026)
Kinderhook	3765 (-2122)
TD	3820 (-2177)

RECEIVED
STATE CORPORATION COMMISSION

JUN 12 1992

CONSERVATION DIVISION
Wichita, Kansas