

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 TOM W. NICHOLS

Phone (316) 267 - 3241

Contractor: Name: Murfin Drilling Co., Inc.

License: 30606

Wellsite Geologist: PAUL GUNZELMAN

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 ☐ PBTB

☐ Commingled ☐ Docket No.

☐ Dual Completion ☐ Docket No.

☐ Other (SWD or Inj?) ☐ Docket No.

5/2/02 5/13/02 5/28/02 8/30/02

Spud Date Date Reached TD Completion Date

API NO. 15- 051-25131

County ELLIS

- W/2 - SE Sec 30 Twp. 11S Rge. 17 W

1315 Feet from S/N (circle one) Line of Section

1825' 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 HADLEY L Well # 4

Field Name BEMIS-SHUTTS

Producing Formation ARBUCKLE

Elevation: Ground 2090 KB 2095

Total Depth 3700' PBTB

Amount of Surface Pipe Set and Cemented at 234' Feet

Multiple Stage Cementing Collar Used? ☒ Yes ☐ No

If yes, show depth set 1339' Feet

If Alternate II completion, cement circulated from surface

feet depth to 1341 w/ 150 sx cmt.

Drilling Fluid Management Plan
(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:

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, 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.

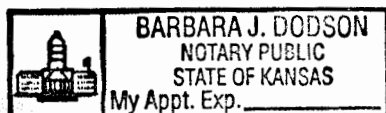
Signature T. W. Nichols

Title Tom W. Nichols, Production Manager Date 2002

Subscribed and sworn to before me this 13th day of Sept. 2002.

Notary Public Barbara J. Dodson

Date Commission Expires 12/16/03



K.C.C. OFFICE USE ONLY 09-16-02
F DPW Letter of Confidentiality Attached
C _____ Wireline Log Received
C _____ Geologist Report Received

Distribution
____ KCC ____ SWD/Rep ____ NGPA
____ KGS ____ Plug ____ Other (Specify)

SIDE TWO

Operator Name Murfin Drilling Co. Inc.

Lease Name HADLEY L Well # 4Sec. 30 Twp. 11S Rge. 17 W☐ 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 ☒ Yes ☐ No
(Attach Additional Sheets.)

Log Formation (Top), Depth and Datums Sample

Name

Top

Datum

Samples Sent to Geological Survey ☒ Yes ☐ NoCores Taken ☒ Yes ☐ No

SEE ATTACHED LIST

Electric Log Run ☒ Yes ☐ No
(Submit Copy.)

List all E.Log Dual Comp Porosity, Dual Induction, Microstivity

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 1/4"	8 5/8"	24#	234'	COMM	160	3%CC 2%GEL
Production	7 7/8	5 1/2"	15.5#	3702'	AA-2	135	

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose: _Perforate <input checked="" type="checkbox"/> Protect Csg _Plug Back TD _Plug Off Zone	Depth Top/Btm	Type of Cement	# Sacks Used	Type and Percent Additives
	Sur/1339	A-con	150	3%cc

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
4	3623-26	250gals, 15% MCA	3623-26
4	3576-3580	250 gals 15% NEFE acid	3576-3580

TUBING RECORD	Size 2 7/8"	Set At 3544.14	Packer At	Liner	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Date of First, Resumed Production, SWD or Inj. 9/6/02	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 21.60 BO	Gas Mcf	Water Bbls 218.40BW	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)
as above

72086