

3-30-25 W

COPY

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

Operator: License # 30606Name: Murfin Drilling Co., Inc.Address 250 N. Water, Suite 300City/State/Zip Wichita, KS 67202Purchaser: NCRAOperator Contact Person: Pat CanadayPhone ( ) 267-3241Contractor: Name: BEREDCO, Inc.

License: \_\_\_\_\_

Wellsite Geologist: NoneDesignate 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: Murfin Drilling Co.Well Name: Patton #1-3Comp. Date 3/18/83 Old Total Depth 2/20/83

\_\_\_\_ Deepening \_\_\_\_ Re-perf. ☒ Conv. to Inj/SWD  
\_\_\_\_ Plug Back \_\_\_\_ PBDT  
\_\_\_\_ Commingled \_\_\_\_ Docket No. \_\_\_\_  
\_\_\_\_ Dual Completion \_\_\_\_ Docket No. \_\_\_\_  
☒ Other (SWD or Inj?) Docket No. E26970

2/8/83 9-13-94 2/20/83 9/30/94 9-19-94

Date of START Date Reached TD  
OF WORKOVERCompletion Date  
workoverAPI NO. 15- 025-20668 0001County ClarkN/2 SW SE Sec. 3 Twp. 30S Rge. 25W E  
V990 Feet from S/2 (circle one) Line of Section1980 Feet from E/4 (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)Lease Name Minneola Unit Well # 3-1Field Name Norcan East

Injection

Producing Formation Morrow SandElevation: Ground 2567 KB 2578Total Depth 5500 PBDT 5462Amount of Surface Pipe Set and Cemented at 1125 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 cnt.

Drilling Fluid Management Plan REWORK 9/4 1-19-96  
(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 Derby 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: P. T. CanadayTitle P. T. Canaday, Prod. Engineer Date 1/4/95Subscribed and sworn to before me this 4 day of Jan. 19 95.Notary Public Kerran RedingtonDate Commission Expires 2/6/98 My Appl. Exp. 2-6-98

## K.C.C. OFFICE USE ONLY

F \_\_\_\_ Letter of Confidentiality Attached  
C \_\_\_\_ Wireline Log Received  
C \_\_\_\_ Geologist Report Received

Distribution  
16-95 SWD/Rep  
\_\_\_\_ Plug

\_\_\_\_ KCC  
\_\_\_\_ KGS

\_\_\_\_ Other  
(Specify) FS

W 22-08-C

SIDE TWO

Operator Name Murfin Drilling Co., Inc.Lease Name Minneola UnitWell # 3-1Sec. 3 Twp. 30S Rge. 25W☐ East  
☒ WestCounty Clark

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.)Samples Sent to Geological Survey ☐ Yes ☒ NoCores Taken ☐ Yes ☒ NoElectric Log Run ☐ Yes ☒ No  
(Submit Copy.)List All E.Logs Run: None
☐ Log Formation (Top), Depth and Datum ☐ Sample  
Name Top Datum

## 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	1124	60/40 Poz Class H	350 200 25	2%cc, 4%gel 3%cc
Production	7 7/8	5 1/2	15.5	5504	Self Stress-2	100	5#/sxD42

## 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 (Amount and Kind of Material Used)	Depth
4	5323-32.5'	750 gal. 7.5% DSFE, 1000 gal. 15% FEHF & 250 gal FE	5323-32.5'

TUBING RECORD	Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2 3/8	5295.1'	5295.1'		
Date of First, Resumed Production, SWD or (in)	12-1-94	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
			350		

Disposition of Gas:

☐ Vented ☐ Sold ☐ Used on Lease  
(If vented, submit ACO-18.)

METHOD OF COMPLETION

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled  
☐ Other (Specify)
Injection Production Interval  
as above

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## WORKOVER REPORT

Minneola Unit #3-1  
(Patton #1-3)

C N/2 SW SE

Sec 3-30s-25w

Clark Co, Ks

Elevation - 2579' KB 2567' GL  
8 5/8", 24# Csg @ 1125' w/550 sx  
RTD - 5500'  
LTD - 5505' by Schlumberger  
5 1/2", 15.5# Csg @ 5504' w/125 sx on 2/20/83  
PBSD - 5462'  
Cement Top - 4644'  
Perfs @ 5323-32.5'

9/13/94 MDC #479 on location. TOH w/rods & pump. Rld AC & TOH w/tbg. SDON. Est cost \$1925.

9/15 Checked TD w/csg jars. TD @ 5429' by depthometer. TD @ 5475' by sandline. Perfs 5323-32.5'. PBSD @ 5462'. Ran csg swb to 5300', no rec. TIH w/MDC Arrow Set II 5 1/2 x 2 3/8" x 6.22' Pkr, 1.10' SN on 2 3/8" tbg. Set pkr @ 5285' KB, perfs 5323-32.5'. Loaded BS w/101 bbl fresh Clafix wtr. Press to 500 psi, held. RU Halliburton & treated w/750 gal 7.5% DSFE Pad Acid w/Pen 88, 1000 gal 15% FEHF Acid, 250 gal FE Acid. Displ w/21 bbl fresh Clafix wtr. Treated throughout job @ approx 3/4 BPM. Took IR w/36 bbl Clafix wtr @ 2 BPM on vac. FL @ 4900' FS = 423' FAP. Rld pkr & pulled to 5223'. SDON. Est cost \$8822.98. 9/16 Perfs 5323-32.5', Pkr @ 5223'. Ran swb 0' FAP. TOH w/tbg & pkr. MDC RO's moved 161 jts 2 3/8" OD EUE 8rd tbg 5266' & 132 x 5/8" rods, 79 x 3/4" rods, 1 1/4" x 22' P-rod w/8' liner to Norton E #1. SDON. Est cost \$9635.48.

9/19 TIH w/Arrow Set I Pkr 5 1/2" x 2 3/8" x 7.42', plastic coated internal & external, 172 jts 2 3/8" OD EUE 8rd Duoline tbg 5287.68' w/new rings. Btm pkr @ 5295.10', 5307.10' KB, perfs 5323-35.5'. Flushed BS w/50 bbl fresh treated wtr. (Additives in flush, Clafix, Champion Cortron R-2264, Biocide-Corr Inhib) Set pkr @ 5307.10' KB & loaded BS w/100 bbl treated wtr. Press test to 450 psig, held. Rld press to 200 psig. RDMO MDC #479. SDON. Total est cost w/no equip \$15,356.00. 175 jts 2 3/8" OD EUE 8rd tbg 5406.60' delivered to loc. Found 3 bad jts w/plastic coating damaged.

9/26 Press to 400 psig, head lkg. Repl head & press to 300 psig, held. To call KCC f/MIT.

9/27 Cp 280 psig.

Pete Kuneyl