

COPY 14-17-26W

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

Operator: License # 5123Name: Pickrell Drilling Company, Inc.Address 110 N. Market, Suite 205City/State/Zip Wichita, Kansas 67202Purchaser: KochOperator Contact Person: Larry J. RichardsonPhone (316) 262-8427Contractor: Name: Company ToolsLicense: 5123Wellsite Geologist: Billy G. Klaver

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 ☐ PSTD☐ Commingled ☐ Docket No. _____☐ Dual Completion ☐ Docket No. _____☐ Other (SWD or Inj?) ☐ Docket No. _____10-24-94 11-04-94 11-17-94Spud Date 10-24-94 Date Reached TD 11-04-94 Completion Date 11-17-94API NO. 15 15-135-23,838County NessN/2 S/2 NW Sec. 14 Twp. 17S Rge. 26 ☒ E ☐ W1650 Feet from ☒ (circle one) Line of Section1470 Feet from ☒ (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name Dumler "U" Well # 4Field Name KansadaProducing Formation MississippianElevation: Ground 2557' KB 2562'Total Depth 4503' PSTD _____Amount of Surface Pipe Set and Cemented at 222'KB FeetMultiple Stage Cementing Collar Used? ☒ Yes ☐ NoIf yes, show depth set 1908' FeetIf Alternate II completion, cement circulated from 1908'feet depth to surface w/ 360 sx cnt.Drilling Fluid Management Plan ALT II 12-27-95 JK
(Data must be collected from the Reserve Pit)Chloride content 21,000 ppm Fluid volume 300 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 C. W. SebittsTitle C. W. Sebitts - President Date 12-21-94Subscribed and sworn to before me this 21st day of December19 94Notary Public Verdella Lewis

6-06-98

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) DS

SIDE TWO

Operator Name Pickrell Drilling Co. Inc. Lease Name Dumler "U" Well # 4
 Sec. 14 Twp. 17S Rge. 26 ☐ East ☒ West
 County Ness

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 ☐ No
 Cores Taken ☐ Yes ☒ No
 Electric Log Run ☒ Yes ☐ No (Submit Copy.)
 List All E.Logs Run:
 Radiation Guard

Name	Top	Datum
Anhydrite	1903(+ 659)	
Heebner	3823(-1261)	
Lansing	3865(-1303)	
Stark	4122(-1560)	
Base/Kansas City	4179(-1617)	
Pawnee	4316(-1754)	
Fort Scott	4379(-1817)	
Cherokee	4404(-1842)	
Mississippian	4485(-1923)	

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 Casing	12 1/4"	8 5/8"	20# New	222'KB	60-40 poz	150sx	2%Gel, 3% CC
Production Csg.	7 7/8"	4 1/2"	10.5# Used	4495'KB	60-40 poz	200sx	w/FR
Stage Collar				1908'KB	60-40 poz	360sx	6% gel

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 Completion 4495-4503	500 gal. DSFe Acid	4495-4503

TUBING RECORD	Size	Set At	Packer At	Liner Run	☐ Yes ☒ No
	2 3/8"	4493			
Date of First, Resumed Production, SWD or Inj.	Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)				
	11-16-94				
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	54	(Negligible)	44		

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) _____

4495-4503'

PICKRELL DRILLING COMPANY, INC.

110 NORTH MARKET - SUITE 205
WICHITA, KANSAS 67202-1996
(316) 262-8427

COPY

#4 Dumler "U"
150' E. of N2 S2 NW
Section 14-17S-25W
Ness County, Kansas

API#: 15-135-23,838
1650' From North Line of Section
1470' From West Line of Section
ELEV: 2562' KB, 2560' DF, 2557' GL

- 10-24-94: MIRT.
- 10-25-94: (On 10-24) Spud @ 2:00 PM. Ran 5 jts. of new 8 5/8" 20# Csg. set @ 222' KB, cmt w/150sx of 60-40 poz, 2% gel, 3% CC. Cmt circ. PD @ 7:30 PM on 10-24-94. (On 10-25) Drlg. @ 383'.
- 10-26-94: Drlg. @ 1930'.
- 10-27-94: Drlg. @ 2728'.
- 10-28-94: Drlg. @ 3197'.
- 10-31-94: (On 10-29) Drlg. @ 3730'. (On 10-30) Drlg. @ 3964'. (On 10-31) Circ. @ 4266'. Running DST #1 4228-4266'.
- 11-01-94: Drlg. @ 4335'. DST #1 4228-4266', 30"-60"-90"-90", Rec. 58' SOCM (8% O, 92% M), 60' G&OCM (40% G, 10% O, 50% M), 60' G&MCO (40% G, 50% O, 2% W, 8% M), IFP 44-55#, ISIP 222#, FFP 77-100#, FSIP 177#.
- 11-02-94: Drlg. @ 4431'. DST #2 4370-4412', 30"-30"-30"-30" Rec: 30' SOSM, IFP 44-44#, ISIP 895#, FFP 44-55#, FSIP 333#.
- 11-03-94: TD 4498'. TIH after DST #3. DST #3 4450-4498', 30"-60"-120"-120", Rec. 80' GIP, 5' Oil, 35' SOCWM (5% O, 35% W, 60% M), IFP 44-55#, ISIP 703#, FFP 55-55#, FSIP 455# (low FSIP due to test tool malfunction).
- 11-04-94: DST #4 4452-4503', 30"-60"-120"-120" Rec: 248' GIP + 314' Cl Gsy Oil + 180' G&OCM (15% G, 15% O, 70% M) + 58' G&O&SWCM (20% G + 15% O + 63% M + 2% W), ISIP 900#, IFP 44-100#, FFP 100-200#, FSIP 782#. Ran 108 jts. of used 4 1/2" 10.5# csg. set 8' off btm @ 4495'. Float @ 4468'. Cmt w/125sx 60-40 poz mix w/FR followed by 75sx common. Float held O.K. Complete @ 12:05 PM on 11-4-94. Cmt thru stage collar @ 1908 w/360sx of 60-40 poz, 6% gel. Cmt circ. PD @ 1:15 PM on 11-4-94. (15sx in RH).
- 11-07-94: WOCT.
- 11-08-94: WOCT.

SAMPLE TOPS

Anhydrite	1902 (+ 660)
Base/Anhydrite	1936 (+ 626)
Heebner	3823 (-1261)
Lansing	3867 (-1305)
Stark	4123 (-1561)
Base/Kansas City	4179 (-1617)
Marmaton	4218 (-1656)
Pawnee	4310 (-1748)
Fort Scott	4378 (-1816)
Cherokee	4404 (-1842)
Mississippian	4484 (-1922)
RTD	4503'

ELECTRIC LOG TOPS

Anhydrite	1903 (+ 659)
Heebner	3823 (-1261)
Lansing	3865 (-1303)
Stark	4122 (-1560)
Base/Kansas City	4179 (-1617)
Pawnee	4316 (-1754)
Fort Scott	4379 (-1817)
Cherokee	4404 (-1842)
Mississippian Lime	4485 (-1923)
Mississippian dolomite	4494 (-1932)
LTD	4503'