

25-19S-22W

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 Co. Inc.Address 110 N. Market, Suite 205City/State/Zip Wichita, Kansas 67202Purchaser: Texaco Trading & TransportationOperator 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 ☐ SLOW ☐ Temp. Abd.☐ Gas ☐ ENHR ☐ SIGW☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-Entry: old well info as follows:

Operator: COPYWell Name: COPYComp. Date 5-31-95 Old Total Depth 6-08-95☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD☐ Plug Back ☐ PBDT☐ Commingled ☐ Docket No. 7-13-95☐ Dual Completion ☐ Docket No. 5-31-95☐ Other (SWD or Inj?) Docket No. 6-08-95

5-31-95 6-08-95 7-13-95
 Date Date Reached TD Completion Date

API NO. 15- 15-135-23,880County Ness

150' S. of SW SE Sec. 25 Twp. 19S Rge. 22 E

510 Feet from S (circle one) Line of Section1980 Feet from E (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE, NW or SW (circle one)Lease Name Humburg Well # 3Field Name SchabenProducing Formation MississippianElevation: Ground 2259' KB 2264'Total Depth 4385' PBDTAmount of Surface Pipe Set and Cemented at 268' KB FeetMultiple Stage Cementing Collar Used? ☒ Yes ☐ NoIf yes, show depth set 1460' FeetIf Alternate II completion, cement circulated from 1460'feet depth to surface w/ 325sx sx cmt.Drilling Fluid Management Plan ALT 2 97 5-8-96
(Data must be collected from the Reserve Pit)Chloride content 23,500 ppm Fluid volume 1100 bbls

Dewatering method used

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name STATE CORPORATION COMMISSIONQuarter Sec. Twp. 19S Rge. 22ECounty Ness Docket No. 5-31-95

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. SebtsTitle C. W. Sebts - President Date 8-01-95Subscribed and sworn to before me this 1st day of August 19 95.Notary 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) JS

WSS-2P1-22

SIDE TWO

Operator Name Pickrell Drilling Co. Inc.Lease Name HumburgWell # 3Sec. 25 Twp. 19S Rge. 22☐ East
☒ WestCounty 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
(Attach Additional Sheets.)☒ Yes ☐ No

Samples Sent to Geological Survey

☒ Yes ☐ No

Cores Taken

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

List All E. Logs Run:

Radiation Guard

☒ Log

Formation (Top), Depth and Datums

☐ Sample

Name

Top

Datum

Anhydrite	1472(+792)	
Heebner	3728(-1464)	
Lansing	3779(-1515)	
Stark	4026(-1762)	
Base/Kansas City	4086(-1762)	
Pawnee	4196(-1932)	
Fort Scott	4277(-2013)	
Cherokee	4299(-2035)	
Mississippian	4359(-2095)	
Mississippian Osage	4370(-2106)	

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#	268' KB	60-40 poz	150sx	2%gel, 3%CC
Production Csg.	7 7/8"	5 1/2"	14#	4372' KB	60-40 poz	200sx	SSC w/FR
Stage Collar				1460' KB	65-35 poz	325sx	6%gel + FR

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
None	Open Hole	Acid 250 gal. DSFe	4372-4385

TUBING RECORD	Size	Set At	Packer At	Liner Run	☐ Yes ☒ No
	2 3/8"	4378			
Date of First, Resumed Production, SWD or Inj.	Producing Method ☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)				
7-13-95					
Estimated Production Per 24 Hours	Oil 16.57 Bbls.	Gas Mcf	Water 205 Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas:

METHOD OF COMPLETION

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

☒ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled
Production Interval
4372-4385

25-19S-22W

PICKRELL DRILLING COMPANY, INC.

110 NORTH MARKET - SUITE 205

WICHITA, KANSAS 67202-1996

(316) 262-8427

COPY

#3 Humburg
150' S. of SW SE
Section 25-19S-22W
Ness County, Kansas

API#: 15-135-23,880
510' From South Line of Section
1980' From East Line of Section
ELEV: 2264' KB, 2262' DF, 2259' GL

5-30-95: Attempt to MIRT.

5-31-95: Finish MIRT.

6-01-95: (On 5-31) Spud @ 4:00 PM. Ran 6 jts. of New 8 5/8" 20# Csg. set @ 268' KB, cmt w/ 150sx of 60-40 poz, 2% Gel, 3% CC. Cmt Circ. PD @ 9:00 PM on 5-31-95. (On 6-1) Drlg. @ 375'.

6-02-95: Drlg. @ 1989'.

6-05-95: (On 6-3) Drlg. @ 2806'. (On 6-4) Drlg. @ 3365'. (On 6-5) Drlg. @ 3919'.

6-06-95: Testing @ 4310'. Taking DST #1 4262-4310'.

6-07-95: Testing @ 4375'. DST #1 4262-4310', 30"-30"-30"-30", Rec: 10' M w/tr of Oil, IFP 10-12#, ISIP 226#, FFP 15-15# FSIP 53#. Running DST #2 4367-4375'.

6-08-95: Testing @ 4385'. DST #2 4367-4375: 30"-60"-30"-60", Rec: 10' CO, 70' OCM (30% O, 70% M), 30' OCM (10% O, 90% M), IFP 80-101#, ISIP 1175#, FFP 101-111#, FSIP 1145#. DST #3 4370-4385' Misrun - Packer failure. DST #4 4317-4385'.

6-09-95: (On 6-8) RTD 4385'. LTD 4385'. DST #4 4317-4385', 30"-60"-120"-120", Rec: 75' GIP, 30' Cln Oil, 80' HOCM (30% oil) 120' OGCM (20% oil), 60' OGCWM (20% oil -10% wtr), ISIP 1064#, IFP 131-141#, FFP 141-202#, FSIP 1044#. Ran 145 jts. of Used 5 1/2" 14# Csg. set 13' off btm @ 4372', cmt btm w/125sx of 60-40 poz, 2% gel followed by 75sx of common w/FR. PD @ 2:25 AM on 6-9-95. Cmt thru stage collar @ 1460' w/325sx of 65-35 poz, 6% gel + 1/4# FS/sx. Cmt circ. PD @ 4:20 AM on 6-9-95. WOCT.

6-12-95: WOCT.

6-13-95: WOCT.

6-14-95: WOCT.

6-15-95: WOCT.

SAMPLE TOPS

Anhydrite	1472 (+ 792)
Base/Anhydrite	1505 (+ 759)
Heebner	3731 (-1467)
Lansing	3781 (-1517)
Stark	4032 (-1768)
Pawnee	4197 (-1933)
Fort Scott	4277 (-2013)
Cherokee	4297 (-2033)
Mississippian Warsaw	4362 (-2098)
Mississippian Osage	4371 (-2107)
RTD	4385'

ELECTRIC LOG TOPS

Anhydrite	1472 (+ 792)
Heebner	3728 (-1464)
Lansing	3779 (-1515)
Stark	4026 (-1762)
Base/Kansas City	4086 (-1822)
Pawnee	4196 (-1932)
Fort Scott	4277 (-2013)
Cherokee	4299 (-2035)
Mississippian	4359 (-2095)
Mississippian Osage	4370 (-2106)
LTD	4385'