

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

Operator: License # 5123
Name Pickrell Drilling Company, Inc.
Address 110 North Market, Suite 205
Wichita, Kansas 67202
City/State/Zip

Purchaser Koch

Operator Contact Person Jack Gurley
Phone (316) 262-8427

Contractor: License # 5123
Name Pickrell Drilling Company

Wellsite Geologist Ralph W. Ruwwe
Phone

Designate Type of Completion
New Well Re-Entry Workover

X Oil SWD Temp Abd
Gas Inj Delayed Comp.
Dry Other (Core, Water Supply etc.)

If ONWO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
X Mud Rotary Air Rotary Cable

5-26-71 6-5-71 6-10-71
Spud Date Date Reached TD Completion Date

4334' 4295' (Float)
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 263 feet
Multiple Stage Cementing Collar Used? XX Yes No
If yes, show depth set 1980 feet
If alternate 2 completion, cement circulated from feet depth to w/SX cmt
Cement Company Name
Invoice #

API NO. 15- N/A 15-063-20069-0000
County Gove
C NE SW 12 14S 27 East
Sec. Twp. Rge. XX West

1980' Ft North from Southeast Corner of Section
3300' Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

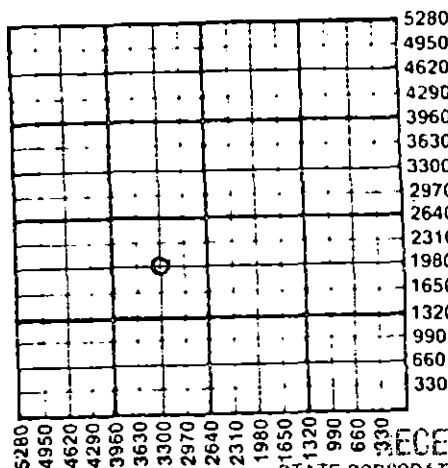
Lease Name Sutcliffe 'AC' Well # 3

Field Name Sutcliffe

Producing Formation

Elevation: Ground 2529 KB 2534

Section Plat



RECEIVED
STATE CORPORATION COMMISSION

WATER SUPPLY INFORMATION 11-10-87
Disposition of Produced Water: Disposal 10 1987
Docket # Repressuring
CONSERVATION DIVISION

Questions on this portion of the ACO-1 form:
Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit #

Groundwater Ft North from Southeast Corner (Well)
Ft West from Southeast Corner of Sec Twp Rge East West

Surface Water Ft North from Southeast Corner (Stream, pond etc.)
Ft West from Southeast Corner Sec Twp Rge East West

Other (explain)
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 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 drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-11 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 Jack Gurley - Engineer Date 11-10-87

BETH HARMON
NOTARY PUBLIC
STATE OF KANSAS
Subscribed and sworn to before me this 10th day of November 1987
Notary Public Beth Harmon

Date Commission Expires 6-29-88

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Time Log Received
Distribution
KCC SWD/Rep NGPA
KGS Plug Other
(Specify)

Section 14, Roe 27

Operator Name Pickrell Drilling Company, Inc. Lease Name Sutcliffe 'AC' Well # 3

Sec. 12 Twp. 14S Rge. 27 East West County Gove

WELL LOG

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
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

DST #1, Kansas City, 3806'-3721', Open 2 hrs, rec. 120' gas in pipe, 210' mdy oil & 30' heavily OCM & 90' water. SIP's 1285#/30", 1181#/60", FP's 47-149#.

DST #2, Kansas City, 3822'-3831', Open 2 hrs, rec. 480' gas in pipe, 330' cln oil, 155' mdy oil & 25' mdy water. SIP's 1233#/30", 1221#/60", FP's 11-191#. Oil gravity 33°.

DST #3, Kansas City, 3834'-3839', Open 1 1/2 hrs, rec. 180' gas in pipe, 480' cln gsy oil (31° gravity), 80' mdy oil & 40' mdy water. SIP's 1268#/30", 1268#/60", FP's 23-227#.

DST #4, Kansas City, 3887'-3907', Open 2 hrs, rec. 2600' gas in pipe, 690' cln gsy oil (41° gravity), 240' mdy gsy oil. SIP's 961#/30", 525#/60", FP's 30-370#.

Name	Top	Bottom
Anhydrite	1970(+564)	
Heebner	3700(-1166)	
Lansing	3738(-1204)	
Kansas City	3900(-1366)	
Stark	3974(-1440)	
B/Kansas City	4028(-1494)	
Ft. Scott	4228(-1694)	
Cherokee	4251(-1717)	
Reworked Miss	4308(-1774)	
Cln Miss	4324(-1790)	

DST #5, Miss, 4314'-4331', Open 1 hr, rec. 30' mud w/spots oil. SIP's 1033#/30", 959#/60", FP's 42-52#.

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"		263'		150	
Production	7 7/8"	4 1/2"	14#	4326'		210 plus 390 sx thru stage collar at 1980'	

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
4	3901'-3904'	A 250 gal 15%	

TUBING RECORD	Size 2 3/8"	Set At 4261'	Packer at	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Date of First Production 6-16-71 Producing Method Flowing Pumping Gas Lift Other (explain).....

Estimated Production Per 24 Hours	Oil Bbls	Gas MCF	Water Trace	Gas-Oil Ratio	Gravity
	75				

METHOD OF COMPLETION

Disposition of gas: Vented Open Hole Perforation. Sold Other (Specify) Used on Lease

Dually Completed Commingled