

ORIGINAL

SIDE ONE

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

Operator: License # 5123

Name: Pickrell Drilling Co., Inc.

Address 110 N. Market, Suite 205

City/State/Zip Wichita, KS 67202

Purchaser: None

Operator Contact Person: Jay McNeil

Phone (316) 262-8427

Contractor: Name: Company Tools

License: 5123

Wellsite Geologist: Robert Lewellyn

Designate Type of Completion  
 New Well  Re-Entry  Workover

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

If OWM: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

5-8-90 5-14-90 5-14-90

Spud Date Date Reached TD Completion Date

API NO. 15- 165-21,513-0000

County Rush

C NW SE Sec. 5 Twp. 16S Rge. 20  East West

1980 Ft. North from Southeast Corner of Section

1980 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

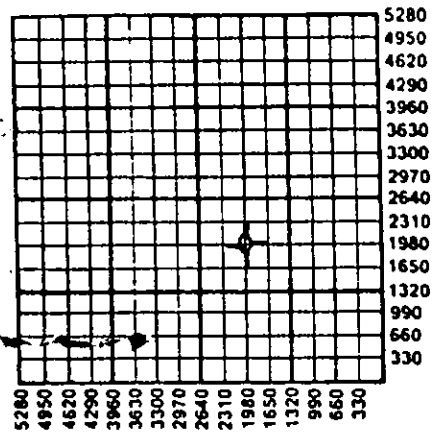
Lease Name Black Well # 1-E

Field Name Wildcat

Producing Formation None

Elevation: Ground 2236 KB 2241

Total Depth 4130 PBD ---



Amount of Surface Pipe Set and Cemented at 303 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 [Signature]

Title C.W. Sebitts, President Date 5-16-90

Subscribed and sworn to before me this 16th day of May, 19 90.

Notary Public Katherine J. Rule

KATHERINE J. RULE  
NOTARY PUBLIC  
STATE OF KANSAS  
MY APPT. EXPIRES 6-29-92

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

X P

**SIDE TWO**

Operator Name Pickrell Drilling Co., Inc. Lease Name Black Well # 1-E

Sec. 5 Twp. 16S Rge. 20  East  West  
 County Rush

**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.)

Formation Description		
Name	Top	Bottom
Anhydrite	1514(+727)	
Heebner	3585(-1344)	
Lansing	3633(-1392)	
B/Kansas City	3880(-1639)	
Pawnee	3947(-1706)	
B/Pawnee	4003(-1762)	
B/Sand	4016(-1775)	
Conglomerate	4048(-1807)	
Arbuckle	4103(-1862)	

**CASING RECORD**  New  Used  
 Report all strings ~~at 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"	20#	303'	60/40poz	150	2%gel 3%CC

Shots Per Foot	PERFORATION RECORD Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

**TUBING RECORD** Size Set At Packer At Liner Run  Yes  No

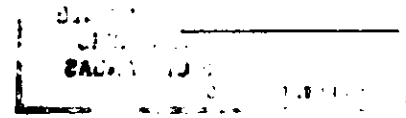
Date of First Production Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

**METHOD OF COMPLETION**  Open Hole  Perforation  Dually Completed  Commingled  Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_



# PICKRELL DRILLING COMPANY, INC.

110 NORTH MARKET - SUITE 205

WICHITA, KANSAS 67202-1996

(316) 262-8427

#1 Black 'E'  
C NW SE  
Sec. 5-16S-20W  
Rush County, Kansas

API : 15-165-21,513-0000  
ELEV: 2241'KB, 2236'GL  
1980' From South Line  
1980' From East Line

5-07-90: MIRT.

5-08-90: Complete MIRT.

5-09-90: (On 5/8) Spud @ 7:30 PM, set new 20# 8 5/8" casing @ 303'KB, cement w/150sx 60/40 poz. 2%gel 3%CC, Comp. @ 2:30 AM 5/9/90, cement circ. (On 5/9) WOC (drill out @ 10:30 AM).

5-10-90: Drilling at 1785'.

5-11-90: Drilling at 2960'.

5-14-90: (On 5/11) Corrected drilling depth 2690'. (On 5/12) Drilling at 3447'. (On 5/13) Drilling at 3964'. (On 5/14) Circ. @ 4070'. DST #1 3994'-4022', 30"-45"-120"-90", wk inc. to fair blow, Rec. 270'SW (Chl 30,000 PPM), IFP 31#-41#, FFP 72#-125#, ISIP 1122#, FSIP 1101#.

5-15-90: RTD 4130'. LTD 4134'. Plugged w/50sx @ 1530', 80sx @ 800', 50sx @ 330', 10sx @ 40' w/bridge plug, 15sx rathole. 60/40 poz. 6% gel & 1/4 Floseal/sx. Complete @ 11:45 PM 5/14/90.

## SAMPLE TOPS

T/Anhydrite	1514(+727)
B/Anhydrite	1548(+693)
Heebner	3581(-1340)
Lansing	3628(-1387)
B/Kansas City	3883(-1642)
Pawnee	3948(-1707)
B/Pawnee	4003(-1762)
B/Sand	4017(-1776)
Arbuckle	4098(-1857)

## ELECTRIC LOG TOPS

Anhydrite	1514(+727)
Heebner	3585(-1344)
Lansing	3633(-1392)
B/Kansas City	3880(-1639)
Pawnee	3947(-1706)
B/Pawnee	4003(-1762)
B/Sand	4016(-1775)
Conglomerate	4048(-1807)
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STATE OF KANSAS  
MAY 24 1990  
CONSULTING ENGINEERS  
WICHITA, KANSAS