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SEP 09 1992 AUG 20

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  
Wichita, Kansas 67202  
City/State/Zip Wichita, Kansas 67202  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Jay C. McNeil  
Phone ( 316 ) 262-8427

Contractor: Name: Pickrell Drilling Co. Inc.  
License: 5123  
Wellsite Geologist: Tom Funk

Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp. Abd.  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply, etc.)

OWWO: old well info as follows:

Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

8-01-91 8-16-91 8-16-91  
Spud Date Date Reached TD Completion Date

API NO. 15- 109-20,514  
County Logan FROM CONFIDENTIAL

NW SE NE Sec. 23 Twp. 11S Rge. 33W  East West  
3630' Ft. North from Southeast Corner of Section  
990' Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

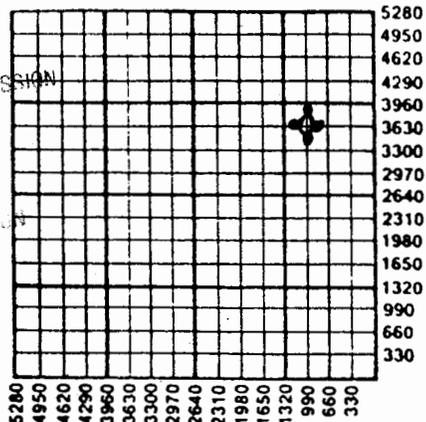
Lease Name Schwartz "E" Well # 2

Field Name \_\_\_\_\_

Producing Formation \_\_\_\_\_

Elevation: Ground 3112' KB 3117'

Total Depth 4705' PBDT \_\_\_\_\_



AITDDFA

Amount of Surface Pipe Set and Cemented at 313' KB 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 C. W. Sebts  
Title President Date 8-20-91

Subscribed and sworn to before me this 20th day of August, 19 91.

Notary Public Verdella Lewis

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) JS

Notary Public for State of Kansas  
VERDELLA LEWIS  
My Appt. Exp. 6-6-94

SIDE TWO

Operator Name Pickrell Drilling Co. Inc. Lease Name Schwartz 'E' Well # 2

Sec. 23 Twp. 11 Rge. 33W  
 East  
 West

County Logan

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.)

Name	Formation Description	
	Top	Bottom
Heebner	4030(- 913)	
Toronto	4058(- 941)	
Lansing	4072(- 955)	
Stark	4291(-1174)	
Fort Scott	4550(-1433)	
Cherokee	4578(-1461)	
Johnson Zone	4622(-1505)	
Mississippi	4681(-1564)	

**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 Csg.	.12 1/4"	8 5/8" New	20#	313'KB	60/40 poz	190sx	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 \_\_\_\_\_