

0125

COPY

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

API NO. 15- 167-23,016

County Russell  
150' W of  
- NE - NW - NE Sec. 4 Twp. 13 Rge. 14 E  
X W

Operator: License # 6194

4950 Feet from S/N (circle one) Line of Section

Name: ESP Development, Inc.

1800 Feet from E/W (circle one) Line of Section

Address RR 1 Box 18

Footages Calculated from Nearest Outside Section Corner:  
NE, (SE) NW or SW (circle one)

City/State/Zip Paradise, KS 67658

Lease Name Machin North Well # 1

Purchaser: KOCH OIL CO.

Field Name Machin

Operator Contact Person: Lewis Eulert

Producing Formation Lansing-Kansas city

Phone (913) 998-4413

Elevation: Ground 1585 KB 1590

Contractor: Name: Duke Drilling Co., Inc.

Total Depth 3100' PBDT 2985

License: 5929

Amount of Surface Pipe Set and Cemented at 626 Feet

Isite Geologist: Randy Kilian

Multiple Stage Cementing Collar Used? Yes XX No

Designate Type of Completion  
X New Well Re-Entry Workover

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

X Oil SWD SLOW Temp. Abd.

If Alternate II completion, cement circulated from 626'

Gas ENHR SIGW

feet depth to surface w/ 275 sx cmt.

Dry Other (Core, WSW, Expl., Cathodic, etc)

Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) A1-2

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

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

Chloride content \_\_\_\_\_ ppm Fluid volume \_\_\_\_\_ bbls

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

Dewatering method used \_\_\_\_\_

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

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBDT

Commingled Docket No. \_\_\_\_\_

Dual Completion Docket No. \_\_\_\_\_

Other (SWD or Inj?) Docket No. \_\_\_\_\_

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

04-09-92 04-16-92 04-29-92

Spud Date Date Reached TD Completion Date

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  
... 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 Lewis Eulert

Title President Date 6-12-92

Subscribed and sworn to before me this 12th day of June 1992.

Notary Public Glenda B Phillips

Date Commission Expires Sept. 1, 1995

GLEND A. PHILLIPS  
State of Kansas  
My Appt. Exp. Sept. 1, 1995

K.C.C. OFFICE USE ONLY  
F Letter of Confidentiality Attached  
C Wireline Log Received  
C Geologist Report Received  
Distribution 15 1992  
KCC SWD/Rep NGRAD  
KGS Plug Other (Specify)

Operator Name ESP Development, Inc. Lease Name Machin North Well # 1  
 Sec. 4 Twp. 13 Rge. 14  East County Russell  
 West

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: R. A. GUARD LOG -  
CORRELATION SONIC  
CEMENT BOND LOG

Name	Top	Datum	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
			Anhydrite	621	+969
Topeka	2484	-894			
Heebner Sh.	2710	-1120			
Lansing	2762	-1172			
Base Kc.	3022	-1432			
Arbuckle	3063	-1473			
TD.	3100	-1510			

CASING RECORD <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> 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"	20#	626'	60/40poz	275	2% gel 3% cc
Production	7-7/8"	4 1/2"	10#	3008'	60/40poz	125	10% salt

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type		Acid, Fracture, Shot, Cement Squeeze Record	
	Specify Footage of Each Interval Perforated		(Amount and Kind of Material Used) Dep	
1	1 Sht. @ 2868' - 1 Sht. @ 2866 - 1 Sht. @ 2855.		Treated 300 Gal. 15% Non E acid. Retrt w/ 1500 Gl. 15%	
1	1 Sht. @ 2808 & 2804 - 1 Sht. @ 2791 1 Sht. @ 2765.		Treat w/ 500 Gal. 15% Non E Acid.	
			Swabbed 6.5 BF/Hr 28% oil. 1400' fluid in hole. 350' oil.	

TUBING RECORD		Size	Set At	Packer At	Liner Run		
		2 3/8	2970'			<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Date of First, Resumed Production, SWD or Inj.				Producing Method			
5-20-92				<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)			
Estimated Production Per 24 Hours		Oil 9 Bbls.	Gas 0 Mcf	Water 46 Bbls.	Gas-Oil Ratio		Gravity 38.7

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

METHOD OF COMPLETION:  Dually Comp.  Commingled

Production Interval