

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

Form ACO-1
September 1999
Form Must Be Typed

Operator: License # 6194
Name: ESP Development, Inc.
Address: 17746 177th. Boulevard
City/State/Zip: Paradise, Kansas 67658
Purchaser: NCRA
Operator Contact Person: Bud Eulert
Phone: (785) 998-4413
Contractor: Name: Vonfeldt Drilling, Inc.
License: 9431
Wellsite Geologist: Randy Kilian

Designate Type of Completion:

☒ New Well ☐ Re-Entry ☐ Workover
☒ Oil ☐ SWD ☐ SIOW ☐ Temp. Abd.
☐ Gas ☐ ENHR ☐ SIGW
☐ Dry ☐ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:

Operator: _____
Well Name: _____
Original Comp. Date: _____ Original Total Depth: _____
☐ Deepening ☐ Re-perf. ☐ Conv. to Enhr./SWD
☐ Plug Back ☐ Plug Back Total Depth
☐ Commingled ☐ Docket No. _____
☐ Dual Completion ☐ Docket No. _____
☐ Other (SWD or Enhr.?) ☐ Docket No. _____

<u>2/7/04</u>	<u>2/15/04</u>	<u>2/15/04</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 167-23245-00-00
County: Russell
30 N 35 E
NW SE NE Sec. 35 Twp. 11 S. R. 15 ☐ East ☒ West
3680 feet from S / N (circle one) Line of Section
930 feet from S / W (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW
Lease Name: Eulert East Well #: 2

Field Name: Eulert East
Producing Formation: Iansing - KC
Elevation: Ground: 1816 Kelly Bushing: 1821

Total Depth: 3293 Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at 218 Feet

Multiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 890'
feet depth to surface w/ 175 sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content 28000 ppm Fluid volume 400 bbls

Dewatering method used Allow to dry and backfill

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License No.: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West

County: _____ Docket No.: _____

INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, 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 of 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: Bud Eulert

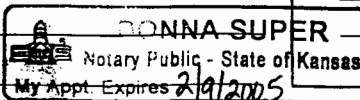
Title: President Date: 4-26-04

Subscribed and sworn to before me this 26 day of April

2004

Notary Public: Donna Super

Date Commission Expires: 2/9/2005



KCC Office Use ONLY

ND Letter of Confidentiality Attached

If Denied, Yes ☐ Date: _____

☐ Wireline Log Received

☐ Geologist Report Received

☐ UIC Distribution

Operator Name: ESP Development, Inc. Lease Name: Eulert East Well #: 2
 Sec. 35 Twp. 11 S. R. 15 ☐ East ☒ West County: Russell

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

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: MICRO LOG
Dual Receiver cement bond log

☒ Log Formation (Top), Depth and Datum ☐ Sample

Name	Top	Datum
Anhydrite	882'	+ 939
Base	923'	+ 898
Topeka	2669'	- 848
Heeb. Sh.	2921'	-1100
Toronto	2942'	-1121
Lansing	2974'	-1153
Stark Sh.	3178'	-1357
BKc.	3232'	-1411
Arbuckle	3285'	-1464
TD	3293'	-1472

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 $\frac{1}{4}$	8 5/8	23#	218'	Comon	150	3% CC 2% Gel
Production	7 7/8	5 $\frac{1}{2}$	15 $\frac{1}{2}$	3285'	ASC	175	2% Gel 500 Gal WFR.2

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 ☒ Port Collar	890' to Surface	60/40 Poz	175	6% Gel - 38 flo seal

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
2 shts per ft.	Cast Iron bridge plug set @3242'	Acid w/500 gal 15%NE	3191-94
2shts-ft	KC G zone at 3075-80'	Acidized w/1000 gal 15% NE w/	3075-80
2 shts-ft	KC F zone at 3066-69'	flushed w/40 bls water	3066-69
2 shts-ft	KC c zone at 3001-05'	Acidized w/500 Gal 15% NE	3001-05
2 shts-ft	Toronto at 2945-48	Acidized w/500 Gal 15% NE	2945-48

TUBING RECORD	Size	Set At	Packer At	Liner Run
	2 7/8	3239'		☐ Yes ☒ No
Date of First, Resumerd Production, SWD or Enhr.	Producing Method			
3-9-04	☐ Flowing ☒ Pumping ☐ Gas Lift ☐ Other (Explain)			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity
	24 BOD		98 BWD	35

Disposition of Gas

METHOD OF COMPLETION

Production Interval

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

☐ Open Hole ☒ Perf. ☐ Dually Comp. ☐ Commingled
☐ Other (Specify) _____