FORM MUST BE TYPED

SIDE ONE

ORIGINAL

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

API NO. 15- 167-23183-0000

County Russell

60'E - SE - NW - SW Sec. 21 Twp. 11S Rge. 15 X E W

1650 Feet from S/N (circle one) Line of Section

4230 Feet from E/W (circle one) Line of Section

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

Lease Name Eulert Ranch L Well # 1

Field Name

Producing Formation

Elevation: Ground 1869 KB 1874

Total Depth 3352 PBTD

Amount of Surface Pipe Set and Cemented at 216 Feet

Multiple Stage Cementing Collar Used? ____ Yes X No

If yes, show depth set ____ Feet

If Alternate II completion, cement circulated from ____

feet depth to ____ w/ ____ sx cmt.

Drilling Fluid Management Plan P+A KJR 8/23/07
(Data must be collected from the Reserve Pit)

Chloride content 46,000 ppm Fluid volume 380 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 Rng. E/W

County Docket No.

Operator: License # 06194

Name: ESP Development, Inc.

Address 17746 171st. Blvd.

City/State/Zip Paradise, KS 67658

Purchaser:

Operator Contact Person: Bud Eulert

Phone (785) 998-4413

Contractor: Name: Vonfeldt Drilling, Inc.

License: 9431

Wellsite Geologist: Ron Mason

Designate Type of Completion
X New Well ____ Re-Entry ____ Workover

____ Oil ____ SWD ____ SIOW ____ Temp. Abd.
____ Gas ____ ENHR ____ SIGW
X Dry ____ Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator:

Well Name:

Comp. Date ____ Old Total Depth ____

____ Deepening ____ Re-perf. ____ Conv. to Inj/SWD
____ Plug Back ____ PBTD
____ Commingled Docket No.
____ Dual Completion Docket No.
____ Other (SWD or Inj?) Docket No.

10-5-00	10-11-00	10-11-00
Spud Date	Date Reached TD	Completion Date

RECEIVED
STATE CORPORATION COMMISSION
OCT 30 2000
CONSERVATION DIVISION
Wichita, Kansas

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 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 10/16/00

Subscribed and sworn to before me this 16th day of October, 19 2000.

Notary Public Donna Super

Date Commission Expires 2/9/2001

DONNA SUPER
State of Kansas
My Appt. Exp. 2/9/2001

K.C.C. OFFICE USE ONLY
F ____ Letter of Confidentiality Attached
C ____ Wireline Log Received
C ____ Geologist Report Received

Distribution
____ KCC ____ SWD/Rep ____ NGPA
____ KGS ____ Plug ____ Other (Specify)

Form ACO-1 (7-91)

SIDE TWO

Operator Name ESP Development Inc. Lease Name Eulert Ranch L Well # 1

Sec. 21 Twp. 11S Rge. 16 ☐ East ☒ West County Russell

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 (Attach Additional Sheets.) ☒ Yes ☐ No

Samples Sent to Geological Survey ☐ Yes ☒ No

Cores Taken ☐ Yes ☒ No

Electric Log Run (Submit Copy.) ☐ Yes ☒ No

List All E.Logs Run:

☐ Log **Formation (Top), Depth and Datums** ☒ Sample

Name	Top	Datum
Top Anhydrite	949	+925
Base Anhydrite	984	+890
Topeka	2708	-834
Heebner	2964	-1090
Toronto	2987	-1113
LKC	3017	-1143
BKC	3270	-1346
Arbuckle	3348	-1474

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 ½	8 5/8	20#	216	60/40 Poz	150	2% gel 3%CC

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
X Plug Well				
___ Perforate				
___ Protect Casing	3352	60/40 Poz	125	6% gel ¼ lb flo
___ Plug Back TD				
___ Plug Off Zone				

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

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

Date of First, Resumed Production, SWD or Inj.	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 ☐ Perf. ☐ Dually Comp. ☐ Commingled ☐ Other (Specify) _____

Production Interval _____

ORIGINAL

DRILL STEM TESTS

No.	Interval	IFP/Time	ISIP/Time	FFP/Time	FSIP/Time	IHH-FHH	RECOVERY
1	3173-3240 LKC J-K	30" 25-25	30" 300	30" 25-25	30" 205	1571 1559	5' M
2	3322-3352 Cong-ARB	45" 30-30	45" 580	30" 30-30	-45" 515	1640 1600	35' WM

COPY

ORIGINAL

DRILLERS WELL LOG

Date Commenced: October 5, 2000
Date Completed: October 11, 2000

ESP Development, Inc.
Eulert Ranch L #1
60'E of the SE NW SW
Sec. 21-11S-15W
Russell County, Kansas

Elevation: 1869' G.L.
1874' K.B.

0 - 725'	Shale & Sand
725 - 1130'	Shale
1130 - 1500'	Sand & Shale
1500 - 2030'	Lime & Shale
2030 - 2201'	Shale & Lime
2201 - 2630'	Lime & Shale
2630 - 2763'	Shale & Lime
2763 - 3090'	Lime & Shale
3090 - 3340'	Shale & Lime
3340 - 3352'	Lime

FORMATION DATA

Anhydrite	945'

Surface Pipe: Set 20#, new, 8 5/8" casing @ 216' with 150 sacks 60/40 Poz., 2% Gel., 3% CC.

ALLIED CEMENTING CO., INC. 3707

Federal Tax I.D.# ORIGINAL

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: K

	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
DATE 10-11-00					6 30pm	7 15pm	12 00am
LEASE Eubert	WELL # 1		LOCATION Graham 1E 13N 1W 1N			COUNTY Russell	STATE Ks
OLD OR NEW (Circle one)							

CONTRACTOR Vonfeldt

TYPE OF JOB Plug

HOLE SIZE 7 7/8 T.D. 3352

CASING SIZE DEPTH

TUBING SIZE DEPTH

DRILL PIPE 4 1/2 DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT

OWNER

CEMENT

AMOUNT ORDERED 125 60/40 6% gel
1/4 lb flo

COMMON @

POZMIX @

GEL @

CHLORIDE @

HANDLING @

MILEAGE

TOTAL

EQUIPMENT

PUMP TRUCK CEMENTER Mark
345 HELPER Juan

BULK TRUCK
160 DRIVER Bill

BULK TRUCK
DRIVER

REMARKS:

20 sx @ 3340
20 sx @ 950
60 sx @ 500
10 sx @ 40
15 sx Rathole

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE @

PLUG 8 5/8 Dry hole @

ALLIED CEMENTING CO., INC. 4628

Federal Tax I.D.#

ORIGINAL

REMIT TO P.O. BOX 31
RUSSELL, KAN 67665

SERVICE POINT: Russell

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
10-5-00	21	11	15	9:00 pm	10:45 pm		1:00 AM

LEASE	WELL #	LOCATION	COUNTY	STATE
Eulert Ranch	1	Gorham 1E/2N 1/2E/2N	Russell	Ks

OLD OR NEW (Circle one)

CONTRACTOR Vonfeldt

TYPE OF JOB Surface

HOLE SIZE 12¼ T.D. 218

CASING SIZE 8 5/8 DEPTH 217

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15

PERFS.

DISPLACEMENT 12¾ bbls

OWNER

CEMENT

AMOUNT ORDERED 150 60/40 3%

COMMON @

POZMIX @

GEL @

CHLORIDE @

HANDLING @

MILEAGE

TOTAL

EQUIPMENT

PUMP TRUCK CEMENTER Bill

153 HELPER Paul

BULK TRUCK

160 DRIVER Shane

BULK TRUCK

DRIVER

REMARKS:

Ran 5 jt. of 8 5/8 set @ 217

Cmt w/ 150 sacks

SERVICE

DEPTH OF JOB

PUMP TRUCK CHARGE

EXTRA FOOTAGE @

MILEAGE @