

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

API NO. 15- 167-23,039 - 00 - 00

County Russell

110° N 45' E
E/2 - E/2 - SE - SW Sec. 33 Twp. 12S Rng. 14 X W

Operator: License # 6194

Name: ESP Development, Inc.

Address R.R. 1, Box 18

City/State/Zip Paradise, KS 67658

Purchaser: _____

Operator Contact Person: Bud Eulert

Phone (913) 998-4413

Contractor: Name: Vonfeldt Drilling Company

License: 9431

Wellsite Geologist: Randall Kilian

Designate Type of Completion
 New Well Re-Entry Workover

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

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

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

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

11/17/92 11/22/92 _____
Spud Date Date Reached TD Completion Date

770' Feet from (S/N) (circle one) Line of Section
2760' 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 Woelk Well # 1

Field Name Machin

Producing Formation _____

Elevation: Ground 1586 KB 1591

Total Depth 3074 PSTD _____

Amount of Surface Pipe Set and Cemented at 253' 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/ _____ ex cat.

Drilling Fluid Management Plan DFA 1-22-93
(Data must be collected from the Reserve Pit)

Chloride content 45,000 ppm Fluid volume 350 bbls

Dewatering method used Left overburden to dry

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ 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 Derby 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 1-13-93

Subscribed and sworn to before me this 13th day of January, 19 93.

Notary Public Donna Super

Date Commission Expires 2-9-93



K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received
Distribution
 KCC SWD/Rep NSPA
 KGS Other
KANSAS CORPORATION COMMISSION
01-14-93
JAN 24 1993

01-14-93 Form 6055 (7/91)
OIL & GAS DIVISION
WICHITA, KANSAS

Operator Name ESP DEVELOPMENT, INC.

Lease Name Woelk Well # 1

Sec. 33 Twp. 12S Rge. 14W

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 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:

Log	Formation (Top), Depth and Datum	Sample
<input checked="" type="checkbox"/>	Name Top Datum	
	Anhydrite 628 +963	
	Topeka 2422 -831	
	Heebner Sh. 2714 -1123	
	Lansing 2764 -1173	
	Base Kc. 3026 -1435	
	Arbuckle NDE NDE	
	RTD 3074 -1483	

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 1/2	8 5/8	20#	253'	60/40 Poz	160	3% CC Gel 2%

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)	Depth

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

Date of First, Resumed Production, SWS 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

15-167-23039-00-00

DRILL STEM TESTS

NO	INTERVAL	IFP/TIME	ISIP/TIME	FFP/TIME	FSIP/TIME	IHP/FHP	RECOVERY
1	1.Kc C 2775- 2815'	38# 48# 30"	421# 30"	48# 48# 45"	421# 45"	1557# 1498#	30' G.I.P. 50' G, SI., O, C, Mud 60' S1, O, C, Mud.
2							
3							
4							
5							
6							
7							
8							

RECEIVED
STATE CORPORATION COMMISSION
JAN 14 1993
CONSERVATION DIVISION
WICHITA, KANSAS

ORIGINAL

DRILLERS WELL LOG

DATE COMMENCED: November 17, 1992
 DATE COMPLETED: November 22, 1992

ESP Development, Inc.
 WOELK #1
 110'N 45'E E/2 E/2 SE SW
 Sec. 33-12S-14W
 Russell County, Kansas

ELEVATION: 1586 G.L.
 1591 K.B.

0 - 160' Sand, Shale
 160 - 260' Sand, Shale
 260 - 600' Shale
 600 - 626' Shale
 626 - 660' Anhydrite
 660 - 1165' Red bed, Sand, Shale
 1165 - 1590' Shale
 1590 - 2510' Lime, Shale
 2510 - 2815' Lime, Shale
 2815 - 3074' Shale
 3074' R.T.D.

FORMATION DATA

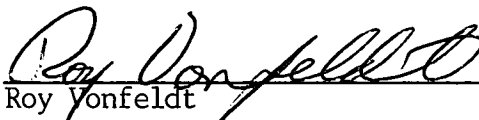
Anhydrite	626'
Base Anhydrite	660'
Topeka	2422'
Heebner	2714'
L.K.C.	2764'
Base K.C.	3025'
Conglomerate	3063'
Arbuckle	None
R.T.D.	3074'

Surface Pipe: Set used 20#
 8 5/8" casing at 253' with
 160 sacks 60/40 poz., 2% gel,
 3% cc.

A F F I D A V I T

STATE OF KANSAS
 COUNTY OF RUSSELL) ss


Roy Vonfeldt of lawful age, does swear and state that the facts
 and statements herein are true and correct to the best of his knowledge.

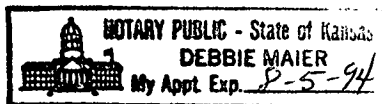

 Roy Vonfeldt

Subscribed and sworn to before me this 2nd day of December, 1992.

My Comm. Expires:

August 5, 1994


 Debbie Maier, Notary Public



RECEIVED
 STATE CORPORATION COMMISSION
 JAN 14 1993
 CONSERVATION DIVISION
 WICHITA, KANSAS

Phone 913-483-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

15-167-23039-00-00

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC.

3374

Home Office P. O. Box 31

Russell, Kansas 67665

Date	11-17-92	Sec.		Fwp.		Range		Called Out	3:00 PM	On Location	4:15 PM	Job Start	4:45 PM	Finish	5:15 PM
Lease	Woeik	Well No.	#1	Location	Russell	County	Russell	State	Kansas						
Contractor	Vonfeldt Dr/g	Rig		Owner	SAME										
Type Job	Surface														
Hole Size	12 1/2"	T.D.	260'												
Csg.	8 1/2"	Depth	253'												
Tbg. Size		Depth													
Drill Pipe		Depth													
Tool		Depth													
Cement Left in Csg.	15'	Shoe Joint													
Press Max.		Minimum													
Meas Line		Displace	✓												
Perf.															

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish
 cementer and helper to assist owner or contractor to do work as listed.

Charge To **ESP Development**

The above was done to satisfaction and supervision of owner agent or contractor.

Purchase Order No.
 X **Harvey Finer**

CEMENT

Amount **6 bags 10/40 per spec 2% gel**

Consisting of	
Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	

Handling		Sales Tax	
Mileage		Sub Total	
		Total	

EQUIPMENT

Bill M. M KAUFMAN

Mark D.

#153 No.	Cementor	
Pumperk	Helper	
No.	Cementor	
Pumperk	Helper	
#213	Driver	
Bullcrk	Driver	

DEPTH of Job

Reference:	#	PUMP TALK
		1-8 1/2 surface plug
		Sub Total
		Tax
		Total

Remarks:
Cement Circulated

[Handwritten Signature]

RECEIVED
 CORPORATION COMMISSION

JAN 14 1993
 CONSERVATION DIVISION
 WICHITA, KANSAS

Phone 913-483-2627, Russell, Kansas
 Phone 316-793-5861, Great Bend, Kansas

15-167-23039-00-00

Phone Plainville 913-434-2812
 Phone Ness City 913-798-3843

ALLIED CEMENTING CO., INC. 4076

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	Sec.	Twp.	Range	Called Out	On Location	Job Start	Finish
11-22-92	33	12S	14W			5:00AM	5:45AM
Lease	Well No.	Location			County	State	
Waelk	1	Russell 5N 13W			Russell	KS	

Contractor	Urbfeldt Dr. 1/4
Type Job	plug
Hole Size	7 7/8 T.D. 3074
Csg.	Depth
Tbg. Size	Depth
Drill Pipe	Depth
Tool	Depth
Cement Left in Csg.	Shoe Joint
Press Max.	Minimum
Mass Line	Displace
Perf.	

Owner	To Allied Cementing Co., Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Charge To	E.S.P. Development Inc
Street	
City	State
The above was done to satisfaction and supervision of owner agent or contractor.	
Purchase Order No.	
X	Darryl Thru

EQUIPMENT

Pumptrk	No. 153	Cementer	Dave
		Helper	
Pumptrk	No.	Cementer	Mark
		Helper	
Bulktrk	213	Driver	
Bulktrk		Driver	

CEMENT	
Amount Ordered	120 @ 6/4 gal
Consisting of	
Common	
Pos. Mix	
Gal.	
Chloride	
Quickset	
	Sales Tax
Handling	
Mileage	
	Sub Total
	Total

DEPTH of Job	
Reference:	Dump truck chg 2 1/2 per mile plug
	Sub Total
	Tax
	Total

Remarks:
 25 @ 625
 60 @ 300
 10 @ 40 wk plug
 10 mouse hole 15 Rod hole

Floating Equipment	