

ORIGINAL

SIDE ONE

167-22,995-60-00

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

API NO. 15-

County Russell
70'S & 20'E of C S/2 NW - SE. Sec. 27 Twp. 11 Rge. 15 EW

Operator: License # 6194

Name: E.S.P. Development, Inc.

Address RR 1 Box 18

City/State/Zip Paradise, KS 67658

Purchaser: _____

Operator Contact Person: Lewis Eulert

Phone (913) 990-4413

Contractor: Name: Duke Drilling Co., Inc.

License: 5929

Wellsite Geologist: Randy Kilian

Designate Type of Completion
 New Well Re-Entry Workover

Oil SWD SLOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, 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 PBSD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

10-01-91 10-07-91 11-22-91
Spud Date Date Reached TD Completion Date

1580 Feet from (S) (circle one) Line of Section
1960 Feet from (E) (circle one) Line of Section

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

Lease Name Eulert Northwest Well # 2

Field Name Eulert Northwest

Producing Formation Topeka - Kansas City-Arbuckle

Elevation: Ground 1779 KB 1784

Total Depth 3310 PBSD _____

Amount of Surface Pipe Set and Cemented at 220 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set 881' Feet

If Alternate II completion, cement circulated from 881'

feet depth to surface w/ 225 sx cmt.

Drilling Fluid Management Plan 5-11-92
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

Location of fluid disposal if hauled offsite: _____

Operator Name _____

Lease Name _____ License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

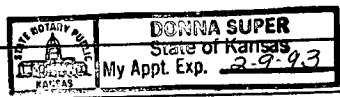
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas, 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on 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 5-6-92

Subscribed and sworn to before me this 6th day of May 19 92.

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 NGPA
 KGS Plug Other
(Specify)
MAY 7 1992
5-7-1992

Operator Name E.S.P. Development, Inc.

Lease Name Eulert Northwest Well # 2

County Russell

Sec. 27 Twp. 11 R. 15
 East
 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 Gamma Ray Log

Name	Formation (Top), Depth and Datum		Sample
	Top	Datum	
Anhydrite	858'	+926	
Topeka	2632'	-848	
Heebner	2885'	-1101	
Lansing	2938'	-1154	
Base Kc.	2193'	-1409	
Arbuckle	3349'	-1465	
RTD	3310'	-1526	

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 1/4"	8-5/8"	19#	220'	60/40poz	140	2% gel 3% cc.
Production	7-7/8"	5 1/2"	14#	3309'	60/40poz	150	10% salt 15% Gilsonite 2% gel

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input checked="" type="checkbox"/> Perforate <input checked="" type="checkbox"/> Protect Casing <input checked="" type="checkbox"/> Plug Back TD <input checked="" type="checkbox"/> Plug Off Zone	881'-Surface	60/40poz	225	6% Gel
	2965-66'-2980-81'		100	Common

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	2668-70'	1250 Gal 15% INS	2668-70'
2	2965-66' and 2980-81'	250 Gal 15% Squeezed w/100 sks cement	2965-66' 2980-81'
3	3154-56 1/2'	1750 Gal 15% INS	3154-56 1/2'
2	3253-3263'	1500 Gal 15% INS	
2	3268-3270'		

TUBING RECORD		Size	Set At	Packer At	Liner Run	Gravity	
		2 3/8	2738'	2750'	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	30.8	
Date of First, Resumed Production, SWD or Inj.				Producing Method <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 11 bopd	8bls.	Gas 0	Mcf	Water 2 bwpd	8bls.	Gas-Oil Ratio 0

Disposition of Gas: n/a
 Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled

METHOD OF COMPLETION 2668-70
 Production Interval

DRILL STEM TESTS

NO	INTERVAL	IFP/TIME	ISIP/TIME	FFP/TIME	FSIP/TIME	IHP/FHP	RECOVERY
1	Topoka 2654- 2675'	41# 41# 15"	862# 30"	58# 83# 30"	462# 30"	1289# 1230#	60' Sl, O, C, Mud
2	LKc "G" 3031- 3040'	25# 83# 15"	553# 30"	124# 207# 30"	553# 45"	1573# 1515#	430' Wtr. w/ Oil Spk. 64k Chl.
3	LKc IJK 3091- 3167'	124# 284# 15"	770# 30"	355# 462# 30"	753# 45"	1640# 1598#	335' M, W. w/ Oil Spk. 440' Wtr. 44k Chl.
4	Arb. 3244- 3258	33# 33# 30"	828# 30"	41# 41# 30"	828# 30"	1681# 1640#	1' Oil 9' O, C, Mud
5	Arb. 3245- 3262'	17# 17# 30"	653# 30"	17# 17# 30"	820# 30"	1690# 1690#	5' O, C, Mud
6							
7							
8							

STATE COMMISSION

5-7-1992

MAY 7 1992

COMMISSIONER OF GEOL. & MIN. SURV.
TOPEKA, KANSAS

ORIGINAL

No 2424

NEW

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665 15-167-22995-00-00

Date	10-1-91	Sec.	27	Twp.	11	Range	15	Called Out	12:30 P.M.	On Location	2:00 P.M.	Job Start	3:45 P.M.	Finish	4:05 P.M.
Lease	Euler North West			Well No.	2			Location	Fairport 3 1/2 E 1 N			County	Russell Kansas		
Contractor	DUKE Ry #2							Owner	SAME						
Type Job	SURFACE														
Hole Size	12 1/4				T.D.	222									
Csg.	8 5/8				Depth	220									
Tbg. Size					Depth										
Drill Pipe					Depth										
Tool					Depth										
Cement Left in Csg.	10				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**
 Street **RR 1 Box 18**
 City **Paradise** State **Kan** **67658**

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

Purchase Order No. **X**
Leonard Johnson
CEMENT

Amount Ordered **140 SKS 60/40 3070 CC 2010 GEL**

Consisting of			
Common	84	5.25	441.00
Poz. Mix	56	2.25	126.00
Gel.	3	6.75	N/C
Chloride	4	21.00	84.00
Quickset			

Sales Tax		
Handling	100	140.00
Milage	23m	.04 128.80
Sub Total		919.80
Total		

EQUIPMENT

Pumptrk	No.	Cementer	P. Davis
	177	Helper	
Pumptrk	No.	Cementer	
		Helper	
		Driver	
Bulktrk	213	Driver	Mark

DEPTH of Job

Reference:	#		380.00
		1-8 5/8 Plug	42.00
		2.00 PER M.F.T.E	46.00
		Sub Total	468.00
		Tax	
		Total	

Remarks:

CEMENT C.M.

STATE OF KANSAS COMMISSION

5-7-1992
MAY 7 1992

CONSERVATION DIVISION
Wichita, Kansas

ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665 15-167-22995-00-00

ORIGINAL

No 2252

Date	10-7-91	Sec.	27	Twp.	11	Range	15 th	Called Out		On Location	NOON	Job Start		Finish	4:15 PM
Lease	Euler ^{NW}	Well No.	2-2	Location	Canyon Rd	12N-10-34S		County	Russell	State	Kan				
Contractor	Duke Drls Co. #1														
Type Job	Production string (Top stage)														
Hole Size	17 7/8		T.D.		3310'										
Csg.	5 1/2		Depth		3308'										
Tbg. Size			Depth												
Drill Pipe			Depth												
Tool	D-V		Depth		881'										
Cement Left in Csg.			Shoe Joint												
Press Max.			Minimum												
Meas Line	✓		Displace												
Perf.															

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

Charge To
 E.S.P. Development
 Street
 R.R. 1, Box 18
 City
 Paradise State Kan 67658

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

Purchase Order No.
 X Frank Tiggant
 CEMENT

Amount Ordered
 225 60/40 per, 60/60

Consisting of
 Common
 Poz. Mix
 Gel.
 Chloride
 Quickset

Sales Tax

Handling 1.00 per SK
 Mileage 4¢ per SK/mile

Sub Total
 Total

Floating Equipment

EQUIPMENT

Pumptrk	No.	Cementer	Walt
	153	Helper	
Pumptrk	No.	Cementer	Mark
		Helper	
Bulktrk	146	Driver	Paul
	160	Driver	

DEPTH of Job

Reference:	Pumptruck	
		Sub Total
		Tax
		Total

Remarks:
 Cement Del Circ
 Jaws Euler

Thank You

MAY 7 1992
 5-7-1992
 CONCRETE DIVISION

ORIGINAL ALLIED CEMENTING CO., INC.

Home Office P. O. Box 31

Russell, Kansas 67665

No 2251

15-167-22995-00-00

Date	10-7-91	Sec.	27	Twp.	11	Range	15	Called Out		On Location	NOON	Job Start		Finish	3:30 PM
Lease	Euler ^{NEW}	Well No.	2	Location	Russell + Canyon Rd. 12N-1W			County	Russell	State	Ken				
Contractor	Duke Drls Co #1											Owner	3/45		
Type Job	Production string Bottom stage											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.			
Hole Size	7 7/8		T.D.	3310'											
Csg.	5 1/2		Depth	3309'											
Tbg. Size			Depth												
Drill Pipe			Depth												
Tool	D-V		Depth	881											
Cement Left in Csg.	15.09'		Shoe Joint	15.09'											
Press Max.			Minimum												
Meas Line	✓		Displace												
Perf.															

EQUIPMENT

Pumptrk	No.	Cementer	Walt
	153	Helper	
Pumptrk	No.	Cementer	
		Helper	
		Driver	Mark
Bulktrk	146		
Bulktrk	160	Driver	Paul

DEPTH of Job

Reference:	Pump Truck	
	2.00 per mile	
		Sub Total
		Tax
		Total

Remarks:

Float Held

That You

Purchase Order No.	
X	Frank Taggart
	CEMENT
Amount Ordered	150 60/40 per, 10% salt, 5% Gilson
Consisting of	2% Gel
Common	
Poz. Mix	
Gel.	
Chloride	
Quickset	
	Sales Tax
Handling	1.00 per SK
Mileage	4¢ per SK / mile
	Sub Total
	Total
Floating Equipment	5 1/2
	Guide Shoe -
	AFU insert -
	5 - Centralizers -
	2 - Baskets -
	1 - D-V Tool

MAY 7 1992

5-7-1992

CUSTOMER SERVICE DIVISION
Wichita, Kansas