

ORIGINAL

SIDE ONE

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

Operator: License # 6194  
Name: E.S.P. Development  
Address R.R. 1 Box 18  
City/State/Zip Paradise, Kansas 67658  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Lewis Eulert  
Phone (913) 998-4413  
Contractor: Name: Western Kansas Drilling, Inc.  
License: 4083

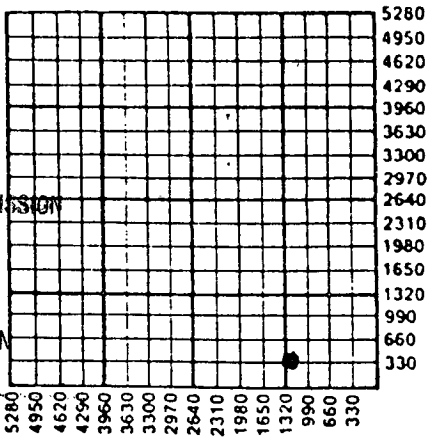
Wellsite Geologist: Randall Kilian  
Designate Type of Completion  
 New Well  Re-Entry  Workover  
 Oil  SWD  Temp. Abd.  
 Gas  Inj  Delayed Comp.  
 Dry  Other (Core, Water Supply, etc.)

If **OWMO**: old well info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
9-7-90 9-14-90 9-15-90  
Spud Date Date Reached TD Completion Date

API NO. 15- 167-22,924-00-00  
County Russell  
S/2 S/2 SE Sec. 27 Twp. 11 Rge. 15  East  West  
330' Ft. North from Southeast Corner of Section  
1300' Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)  
Lease Name Eulert NW Well # 1  
Field Name Eulert  
Producing Formation Arbuckle  
Elevation: Ground 1783' KB 1788'  
Total Depth 3255' PBTD 3450'

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Wichita, Kansas



Amount of Surface Pipe Set and Cemented at 208' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 882 Feet  
If Alternate II completion, cement circulated from 882  
feet depth to 0 w/ 225 sx cmt.

**INSTRUCTIONS:** This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log 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. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

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 Lewis Eulert  
Title President Date 1-21-91  
Subscribed and sworn to before me this 21 day of January,  
19 91.  
Notary Public Vernita V. Scott  
Date Commission Expires 4-3-91

VERNITA V. SCOTT  
State of Kansas  
My Appt. Exp. 4-3-91

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)

01

SIDE TWO

Operator Name E.S.P. Development Inc. Lease Name Eulert NW Well # 1  
 Sec. 27 Twp. 11 Rge. 15  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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Attach Additional Sheets.)  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Submit Copy.)	<p style="text-align: center;"><b>Formation Description</b></p> <p><input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample</p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Bottom</th> </tr> </thead> <tbody> <tr> <td>Anh.</td> <td>860'</td> <td>+ 928'</td> </tr> <tr> <td>Topeka</td> <td>2630'</td> <td>- 842'</td> </tr> <tr> <td>Heebner</td> <td>2883'</td> <td>- 1095'</td> </tr> <tr> <td>Lansing</td> <td>2934'</td> <td>- 1146'</td> </tr> <tr> <td>Base Kc.</td> <td>3194'</td> <td>- 1406'</td> </tr> <tr> <td>Arbuckle</td> <td>3248'</td> <td>- 1460'</td> </tr> <tr> <td>RTD</td> <td>3255'</td> <td>- 1467'</td> </tr> </tbody> </table>	Name	Top	Bottom	Anh.	860'	+ 928'	Topeka	2630'	- 842'	Heebner	2883'	- 1095'	Lansing	2934'	- 1146'	Base Kc.	3194'	- 1406'	Arbuckle	3248'	- 1460'	RTD	3255'	- 1467'
Name	Top	Bottom																							
Anh.	860'	+ 928'																							
Topeka	2630'	- 842'																							
Heebner	2883'	- 1095'																							
Lansing	2934'	- 1146'																							
Base Kc.	3194'	- 1406'																							
Arbuckle	3248'	- 1460'																							
RTD	3255'	- 1467'																							

CASING RECORD <input checked="" type="checkbox"/> New <input checked="" type="checkbox"/> Used 5 1/2							
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	208'	60/40 poz	135	2% gel, 3% c.c.
Production	7 7/8	5 1/2	14	3249'	60/40 poz	225	6% gel
<b>PERFORATION RECORD</b>				<b>Acid, Fracture, Shot, Cement Squeeze Record</b>			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used) Depth			
	open hole			no acid-comp. natural			
<b>TUBING RECORD</b>				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		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 Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
		56 bod	0	0	0	26	

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

**METHOD OF COMPLETION**

Open Hole  Perforation  Dually Completed  Commingled

Other (Specify) \_\_\_\_\_

Production Interval \_\_\_\_\_

# FORMATION TOPS & STRUCTURAL GEOLOGY

R 15 W

27

REFERRED TO:

A: Shields Oil Producers, Inc.

Eulert #3 W 1/2 NE NE 34

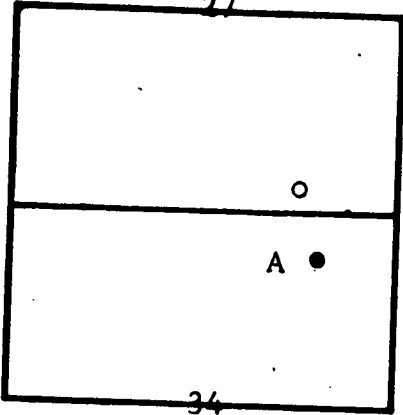
B: \_\_\_\_\_

C: \_\_\_\_\_

D: \_\_\_\_\_

E: \_\_\_\_\_

T  
11  
S



34

STRATIGRAPHIC MARKERS	SUBJECT WELL			STRUCTURAL POSITION				
	SAMPLE	E. LOG	DATUM	A	B	C	D	E
Anh.	864	860	+ 928'	+ 932'				
Topeka	2630	2630'	- 842'	- 842'				
Heebner	2883	2883'	-1095'	-1095'				
Lansing	2934	2934'	-1146'	-1145'				
Base Kc.	3193	3194'	-1406'	-1405'				
Arbuckle	3248	3248'	-1460'	-1457'				
RTD	3255	3255'	-1467'	1465'				

\*Structural position of SUBJECT WELL as compared to referred well.

STATE CORPORATION COMMISSION

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NO	INTERVAL	IFP/TIME	ISIP/TIME	FFP/TIME	FSIP/TIME	IHP/FHP	RECOVERY
1	Top. 2655- 2686'						Hit Bridge
2	LKc D. 2972- 2985'	33# 55# 30"	747# 45"	77# 110# 60"	695# 60"	1704# 1609#	806' GIP 248' OCS1.MWater
3	LKc FG 3020- 3039'	88# 275# 30"	789# 30"	297# 495# 45"	778# 45"	1725# 1651#	1580' GCSWater
4	Arb. 3243- 3255'	33# 121# 30"	1020# 45"	121# 264# 60"	967# 60"	1862# 1757#	124' MCO11 564' Oil 23 Gravity
5							
6							
7							
8							

MUD RECORD						
CHK	DEPTH	WT	VIS	FIL	CHL	YP
1	2686'	9.8	48			
2	2730'	9.8	48			
3	2850'	9.8	43	6.	65K	8.
4	2960'	9.9	50			
5	3040'	9.9	46	9.	60K	8
6	3240'	9.9	45	9.		
7						
8						
9						
10						
11						

Mud-up

BIT RECORD						
NO	SIZE	MAKE	TYPE	DEPTH	FEET	HOURS
1	12 1/2		RR	214'	214'	2 1/2
2	7 7/8	WM	53 CF	3255'	3041'	
3						
4						
5						
6						
7						

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CONSERVATION DIVISION  
Wichita, Kansas

15-167-22924-00-00

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

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

ORIGINAL

# ALLIED CEMENTING CO., INC. No. 9270

Home Office P. O. Box 31 Russell, Kansas 67665

*New*

Date	9-15-90	Sec.	27	Twp.	11s	Range	15w	Called Out	3:00AM	On Location	5:30AM	Job Start	11:00AM	Finish	11:45AM
Lease	B. EULERT	Well No.	#1	Location	Gorham 1E 9N 1E			County	Russell	State	KANSAS				
Contractor	Western Kansas Drilling Rig #2							Owner	2N 1 1/2 E 1 1/4 SW into						
Type Job	PRODUCTION STRING (D.V.)														
Hole Size	7 7/8			T.D.	3255										
Csg.	5 1/2			Depth											
Tbg. Size				Depth											
Drill Pipe				Depth											
Tool	ARROW 2 stage Tool			Depth	882'										
Cement Left in Csg.				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 **E.S.P. Development Inc.**  
 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. **225**  
 X **Frank Toggiani**  
**CEMENT**

Amount Ordered **225 SK 60/40 670 Gel**

### EQUIPMENT

#	No.	Cementor	Helper	Driver
Pumptrk	177			
Pumptrk				
Bulktrk				
Bulktrk				

Consisting of		
Common	135	5.00 = 675.00
Poz. Mix	90	2.25 = 202.50
Gel.	used 12 Chg. 8	6.75 = 54.00
Chloride		
Quickset		

Handling	.90 PER SK	202.50
Mileage	.03 PER TON Mileage	162.00
Sub Total		1296.00
Total		

DEPTH of Job	
Reference:	Pump Truck Chrg. 450.00
Sub Total	450.00
Tax	
Total	

Remarks: Cement did circulate

(TOP STAGE) *[Signature]*

FEB 6 1991

ORIGINAL

# ALLIED CEMENTING CO., INC. No. 9269

Home Office P. O. Box 31

Russell, Kansas 67665

New

Date	9-15-90	Sec.	27	Twp.	11 S	Range	15 W	Called Out	3:00 AM	On Location	5:30 AM	Job Start	10:00 AM	Finish	10:30 AM
Lease	B. FULERT	Well No.	#1	Location	Gorham 1E 9N 1E 2N			County	Russell	State	KANSAS				
Contractor	WESTERN KANSAS DRILG. Rig # 2														
Type Job	PRODUCTION STRING (D.V.)														
Hole Size	7 7/8	T.D.	3255'												
Csg.	5 1/2	Depth	3249'												
Tbg. Size		Depth													
Drill Pipe		Depth													
Tool	AFU INSERT	Depth	3221'												
Cement Left in Csg.	30.77	Shoe Joint	30.77												
Press Max.		Minimum													
Meas Line	✓	Displace	✓												
Perf.															

Owner 1/2 E 1/4 SW into  
 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 F.S.P. Development INC.  
 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. Frank Taggart  
 X Frank Taggart  
 CEMENT 5% Gilsonite

**EQUIPMENT**

Pumptrk #177	No.	Cementer	<u>Row</u>
		Helper	<u>Shaw</u>
Pumptrk #146	No.	Cementer	
		Helper	
Bulktrk #146		Driver	<u>Ed</u>
		Driver	<u>Mark</u>

Amount Ordered	150 SK	69/40	10% Salt	2% gel
Consisting of	Common	90	5.00	450.00
	Poz. Mix	60	2.25	135.00
	Gel.	3	6.75	N/C
	Chloride			
	Quicksalt Salt	13	4.75	61.75
	Gil.	653 #	.29	189.37
	Handling	.90 PER SK		135.00
	Mileage	.03 PER TON MILE		108.00
			Sub Total	1079.12
			Total	

DEPTH of Job		
Reference:	Pump TRUCK Chrg.	838.00
	2.00 Per mile 24m	48.00
	Sub Total	886.00
	Tax	
	Total	

Floating Equipment	5 1/2 Csg.	
	1- Packer shoe	12.15 00
	1- BAKER AFU INSERT	180.00
	1- D.V. TOOL	2608.00
	2- BASKETS	242.00
	5- CENTRALIZERS	220.00
		# 4465.00

Remarks:  
Float HELD  
(BOTTOM STAGE)