

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

API NO. 15- 167-232280000

**ORIGINAL**

County RUSSELL  
90°S & 90°W  
N/2-NE-SW Sec. 22 Twp. 11S Rge. 15 XW

2220 Feet from SN (circle one) Line of Section  
3390 Feet from EW (circle one) Line of Section

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

Lease Name EULERT RANCH C Well # 4  
Field Name HAGAMAN NORTH

Producing Formation ARBUCKLE

Elevation: Ground 1809 KB 1814

Total Depth 3288 PBDT \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at 213 Feet

Multiple Stage Cementing Collar Used? XX Yes \_\_\_\_\_ No

If yes, show depth set 896' Feet

If Alternate II completion, cement circulated from 896

feet depth to SURFACE w/ 250 sx cmt.

Drilling Fluid Management Plan AR 11 02 3-16-03  
(Data must be collected from the Reserve Pit)

Chloride content 54,000 ppm Fluid volume 400 bbls

Dewatering method used ALLOW TO DRY AND BACKFILL

Location of fluid disposal if hauled offsite:

Operator Name M G OIL INC.

Lease Name GIBBS License No. 31385

NW Quarter Sec. 20 Twp. 12 S Rng. 15 E/W

County RUSSELL Docket No. E-15693.3

Operator: License # 6194

Name: ESP DEVELOPMENT, INC.

Address 17746 177TH BOULEVARD

City/State/Zip PARADISE KS 67548

Purchaser: EOTT

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  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workovers:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

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

1-8-03 1-17-03 1-17-03  
Spud Date Date Reached TD Completion Date

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 3-6-03  
Subscribed and sworn to before me this 5 day of march,  
17 2003  
Notary Public Donna Super  
Date Commission Expires 2/9/05

**DONNA SUPER**  
Notary Public, State of Kansas  
My Appt. Expires 2/9/05

**K.C.C. OFFICE USE ONLY**  
F NO Letter of Confidentiality Attached  
C YES Wireline Log Received  
C YES Geologist Report Received  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)

**RECEIVED**  
3-14-03  
**MAR 14 2003**  
**KCC WICHITA**

X

Operator Name ESP DEVELOPMENT, INC. Lease Name EULERT RANCH C Well # 4  
 Sec. 22 Twp. 11 Rge. 15  East County RUSSELL  
 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 (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ANHYDRITE	882'	+928
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	BASE	917'	+897
List All E.Logs Run:		TOPEKA	2650'	-836
MICRO LOG		HEEB. SHALE	2902'	-1088
GAMMA RAY NEUTRON CCL LOG		TORONTO	2921'	-1088
CEMENT BOND LOG		LANSING	2953'	-1139
		BASE KC.	3209'	-1395
		ARBUCKLE	3209'	-1458
		T.D.	3291'	-1477

CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> 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	20#	214'	60/40 POZ	150	3% CC 2% GEL
PROD. CSG.	7 7/8	5 1/2	14#	3275	ASC	175	2% GEL 500 GAL WFR
TOP STAGE	7 7/8	5 1/2	14#	896	60/40 POZ	250	6% GEL 1/2# FLO

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 Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)		Depth
		Amount	Kind	

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
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)				
2-5-03						
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity	
	200		20		31	

Disposition of Gas: **METHOD OF COMPLETION** Production Interval 3275'-3291'  
 Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  
 (If vented, submit ACO-18.)  Other (Specify) \_\_\_\_\_

15-167-23228-0000

# DRILL STEM TESTS ORIGINAL

NO	INTERVAL	IFP/TIME	ISIP/TIME	FFP/TIME	FSIP/TIME	IHP/FHP	RECOVERY
1	Top 30' 2670- 2689'	34# 37# 30"	742# 30"	38# 49# 60"	738# 60"	1262# 1236#	434' GIP 62' H,M,C,Oil 70% 30' S1,O,C,Mud
2	LKc A-D 2933- 3010'	24# 91# 30"	532# 30"	97# 185# 60"	521# 60"	1492# 1423#	372' GIP 185' O,C,G,Mud 435' M,Wtr 40k
3	LKc H-L 3080- 3212'	19# 26# 30"	499# 30"	27# 31# 30"	446# 45"	1564# 1496#	30' Mud
4	Arb. 3266- 3282'	17# 20# 30"	989# 45"	20# 23# 45"	955# 60"	1653# 1619#	2' Oil 18' M,Wtr 60% W
5	Arb. 3278- 3288'	20# 31# 30"	1035# 45"	33# 45# 30"	1027# 60"	1641# 1520#	40' C,Oil grav 28' 30' H,O,C,Mud 30%
6							
7							
8							

*Handwritten mark*

RECEIVED

MAR 14 2003

KCC WICHITA

# ALLIED CEMENTING CO., INC. 11324

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

SERVICE POINT: **ORIGINAL** R

DATE <u>1/8/03</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>2:00p.m.</u>	JOB START	JOB FINISH <u>9:15p.m.</u>
<u>Enter</u>							
LEASE <u>Ranch</u>	WELL# <u>C-4</u>	LOCATION <u>Corham 11N 4E 2N</u>			COUNTY <u>RS</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)				<u>NE N INTO</u>			

CONTRACTOR Vanfeldt

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 213

CASING SIZE 8 5/8 DEPTH 213

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 10'

PERFS.

DISPLACEMENT 13 1/4

OWNER \_\_\_\_\_

CEMENT AMOUNT ORDERED 1500 60/40 390 CC  
2926cc

COMMON @ \_\_\_\_\_

POZMIX @ \_\_\_\_\_

GEL @ \_\_\_\_\_

CHLORIDE @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

HANDLING @ \_\_\_\_\_

MILEAGE @ \_\_\_\_\_

EQUIPMENT

PUMP TRUCK CEMENTER Paul

# 127 HELPER Darin

BULK TRUCK

# 282 DRIVER Shane

BULK TRUCK

# DRIVER

**RECEIVED**  
MAR 14 2003

TOTAL \_\_\_\_\_

REMARKS:

**KCC WICHITA**

SERVICE

Cement Circulated ✓

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE \_\_\_\_\_

EXTRA FOOTAGE @ \_\_\_\_\_

MILEAGE @ \_\_\_\_\_

PLUG 8 5/8 Wood @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

CHARGE TO: ESP Development

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

FLOAT EQUIPMENT

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE Doug Budig

Doug Budig  
PRINTED NAME

# ALLIED CEMENTING CO., INC. 11545

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

SERVICE POINT:

ORIGINAL

Russell

11703

DATE <u>1-16-03</u>	SEC <u>22</u>	TWP <u>11</u>	RANGE <u>15</u>	CALLED OUT <u>5:00 pm</u>	ON LOCATION <u>6:00 pm</u>	JOB START	JOB FINISH <u>3:30 pm</u>
LEASE <u>Edent Ranch</u>		WELL# <u>C-4</u>	LOCATION <u>Gorham 1E</u>		COUNTY <u>Russell</u>	STATE <u>Kan</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR <u>Vonfeldt Dels</u>	OWNER _____
TYPE OF JOB <u>TOP STAGE</u>	CEMENT AMOUNT ORDERED <u>250 bbl 60/40 69.6 gal to #710</u>
HOLE SIZE <u>7 7/8</u> T.D. <u>896</u>	COMMON _____ @ _____
CASING SIZE <u>5 1/2</u> DEPTH _____	POZMIX _____ @ _____
TUBING SIZE _____ DEPTH _____	GEL _____ @ _____
DRILL PIPE _____ DEPTH _____	CHLORIDE _____ @ _____
TOOL _____ DEPTH _____	_____ @ _____
PRES. MAX _____ MINIMUM _____	_____ @ _____
MEAS. LINE _____ SHOE JOINT _____	_____ @ _____
CEMENT LEFT IN CSG. _____	_____ @ _____
PERFS. _____	_____ @ _____
DISPLACEMENT <u>21.86 bbls</u>	_____ @ _____
<b>EQUIPMENT</b>	_____ @ _____
PUMP TRUCK CEMENTER <u>Bill</u>	_____ @ _____
# <u>177</u> HELPER <u>Darin</u>	_____ @ _____
BULK TRUCK _____	HANDLING _____ @ _____
# <u>262</u> DRIVER <u>Rogen</u>	MILEAGE _____ @ _____
BULK TRUCK _____	_____ @ _____
# <u>213</u> DRIVER <u>Shane</u>	_____ @ _____

RECEIVED \_\_\_\_\_ TOTAL \_\_\_\_\_

MAR 14 2003

REMARKS:

KCC WICHITA

SERVICE

<p><u>D.U. Tool e 896 dt. 76</u></p> <p><u>Open tool e 800 p.s.t</u></p> <p><u>Cent w 225 lb 60/40-6</u></p> <p><u>pump plug w 21.86 bbls</u></p> <p><u>Lead plug 1300# p.s.t Cent did Circ</u></p> <p><u>15 lbs R.H.</u></p> <p><u>10 lbs. m.H.</u></p>	<p>DEPTH OF JOB _____</p> <p>PUMP TRUCK CHARGE _____</p> <p>EXTRA FOOTAGE _____ @ _____</p> <p>MILEAGE _____ @ _____</p> <p>PLUG _____ @ _____</p> <p>_____ @ _____</p> <p style="text-align: right;">TOTAL _____</p>
--	---

CHARGE TO: ESP Development Fac.

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

FLOAT EQUIPMENT

_____ @ _____
_____ @ _____
_____ @ _____
_____ @ _____
_____ @ _____
_____ @ _____

TOTAL \_\_\_\_\_

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE Owen Weavering

OWEN WEAVERING  
PRINTED NAME

# ALLIED CEMENTING CO., INC. 11544

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

ORIGINAL

SERVICE POINT: Russell

DATE <u>1-03</u>	SEC <u>02</u>	TWP. <u>11</u>	RANGE <u>15</u>	CALLED OUT <u>5:00pm</u>	ON LOCATION <u>6:00pm</u>	JOB START	JOB FINISH <u>2:00am</u>
Euler+ LEASE Ranch		WELL # <u>C-4</u>	LOCATION <u>Gorham 1E 12N</u>		COUNTY <u>RUSSELL</u>	STATE <u>Ks</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR <u>Vonfeld + Orls.</u>	OWNER _____
TYPE OF JOB <u>55' Prod Csg</u>	CEMENT _____
HOLE SIZE <u>7 7/8</u> T.D. <u>3288</u>	AMOUNT ORDERED _____
CASING SIZE <u>5 1/2</u> DEPTH <u>3275</u>	<u>175 gal Asc 2 1/2 gal</u>
TUBING SIZE _____ DEPTH _____	<u>500 gal WFR 2</u>
DRILL PIPE _____ DEPTH _____	COMMON _____ @ _____
TOOL _____ DEPTH _____	POZMIX _____ @ _____
PRES. MAX _____ MINIMUM _____	GEL _____ @ _____
MEAS. LINE _____ SHOE JOINT _____	CHLORIDE _____ @ _____
CEMENT LEFT IN CSG. <u>29.73</u>	_____ @ _____
PERFS. _____	_____ @ _____
DISPLACEMENT <u>79 1/2 bbls</u>	_____ @ _____
EQUIPMENT	_____ @ _____
PUMP TRUCK CEMENTER <u>Bill</u>	_____ @ _____
# <u>177</u> HELPER <u>DARIN</u>	_____ @ _____
BULK TRUCK _____	HANDLING _____ @ _____
# <u>262</u> DRIVER <u>Bogea</u>	_____ @ _____
BULK TRUCK _____	_____ @ _____
# <u>217</u> DRIVER <u>Shane</u>	_____ @ _____

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MAR 14 2003

KCC WICHITA

REMARKS:

SERVICE

pipe set c 3275  
Shae Jr 29.73  
Insect c 3245. open shoe w/ 800 pvt  
pump 500 gal wfr 2 cement w/ 175 gal asc  
pump plug w/ 79 1/2 bbls  
land plug 21400 pvt plug did hold

DEPTH OF JOB _____	_____
PUMP TRUCK CHARGE _____	_____
EXTRA FOOTAGE _____ @ _____	_____
MILEAGE _____ @ _____	_____
PLUG _____ @ _____	_____
_____ @ _____	_____
_____ @ _____	_____
TOTAL _____	_____

CHARGE TO: ESP Development Etc

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

FLOAT EQUIPMENT

- 8-1 Centralizers @ \_\_\_\_\_
- 1- BASKET @ \_\_\_\_\_
- 1- D.V. Tool @ \_\_\_\_\_
- 1- IR: plug shoe @ \_\_\_\_\_
- 1- Latch down plug Assm. @ \_\_\_\_\_

TOTAL \_\_\_\_\_

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 is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE Allen Weaving

ALLEN WEAVER  
PRINTED NAME

RECEIVED

ORIGINAL

MAR 14 2003

KCC WICHITA

DRILLERS WELL LOG

Date Commenced: January 8, 2003

Date Completed: January 17, 2003

ESP Development, Inc.

Eulert Ranch C #4

90'S & 90'W N/2 NE SW

Sec. 22-11S-15W

Russell County, Kansas

Elevation: 1809' G.L.

1814' K.B.

- 0 - 214' Shale
- 214 - 884' Sand & Shale
- 884 - 920' Anhydrite
- 920 - 1341' Sand & Shale
- 1341 - 2689' Shale & Lime
- 2689 - 2715' Shale
- 2715 - 2850' Shale & Lime
- 2850 - 2985' Lime & Shale
- 2985 - 3024' Shale
- 3024 - 3212' Shale & Lime
- 3212 - 3275' Lime
- 3275 - 3282' Shale
- 3282 - 3288' Lime
- 3288' R.T.D.

FORMATION DATA

Anhydrite	884'
Base Anhydrite	920'
Topeka	2644'
Heebner	2899'
Lansing KC	2950'
Arbuckle	3282'

Surface Pipe: Set 20#, used, 8 5/8" casing @ 213' with 150 sacks 60/40 Poz., 2% Gel., 3% CC.

Production Pipe: Set 14#, used, 5 1/2" casing @ 3275' with 175 sacks ASC, 2% Gel., 500 gallon WFR/2.

**A F F I D A V I T**

STATE OF KANSAS            )  
   ) ss:  
 COUNTY OF RUSSELL        )

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

Alan Vonfeldt  
 Alan Vonfeldt

Subscribed and sworn to before me this 21st day of January, 2003.

My Commission Expires:  
August 30, 2003

Cheryl M. Payne  
 Cheryl M. Payne, Notary Public

