

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Form ACO-1  
September 1999  
Form Must Be Typed

**ORIGINAL**

Operator: License # 6194  
 Name: ESP Development, Inc.  
 Address: 17746 177th. Boulevard  
 City/State/Zip: Paradise, Kansas 67658  
 Purchaser: NCRA **RECEIVED**  
 Operator Contact Person: Byd Eulert **FEB 16 2005**  
 Phone: (785) 998-4413  
 Contractor: Name: Vonfeldt Drilling, Inc. **KCC WICHITA**  
 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 Workover/Re-entry: Old Well Info as follows:  
 Operator: \_\_\_\_\_  
 Well Name: \_\_\_\_\_  
 Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?) \_\_\_\_\_ Docket No. \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
<u>11-16-2004</u>	<u>11-26-2004</u>	<u>11-26-2004</u>

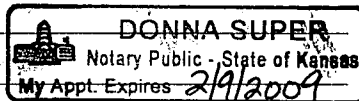
API No. 15 - 167-23270-00-00  
 County: Russell  
SE NW SE Sec. 28 Twp. 11 S. R. 15  East  West  
1725 feet from (S) N (circle one) Line of Section  
1602 feet from (E) W (circle one) Line of Section  
 Footages Calculated from Nearest Outside Section Corner:  
 (circle one) NE SE NW SW  
 Lease Name: Hagaman Well #: 2  
 Field Name: Hagaman  
 Producing Formation: Topeka - LKc  
 Elevation: Ground: 1825 Kelly Bushing: 1830  
 Total Depth: 3350 Plug Back Total Depth: \_\_\_\_\_  
 Amount of Surface Pipe Set and Cemented at 907 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/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**  
 (Data must be collected from the Reserve Pit) *Cell 2 # 3/5/08*  
 Chloride content 50000 ppm Fluid volume 400 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. R. \_\_\_\_\_  East  West  
 County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**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 of 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: Byd Eulert  
 Title: President Date: 2-14-05  
 Subscribed and sworn to before me this 14 day of February  
 20 05  
 Notary Public: Donna Super  
 Date Commission Expires: 2/9/2009



**KCC Office Use ONLY**

Letter of Confidentiality Received  
 If Denied, Yes  Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

Operator Name: ESP Development, Inc. Lease Name: Hagaman Well #: 2  
 Sec. 28 Twp. 11 S. R. 15  East  West County: Russell

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems 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 test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  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 <i>(Submit Copy)</i>  List All E. Logs Run: <u>Radiation Guard Log</u> <u>Micro Log</u> <u>Dual Receiver Cement Bond Log</u>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td><input checked="" type="checkbox"/> Log</td> <td>Formation (Top), Depth and Datum</td> <td><input type="checkbox"/> Sample</td> </tr> <tr> <td>Name</td> <td></td> <td>Datum</td> </tr> <tr> <td>Anhydrite</td> <td>910'</td> <td>+ 920</td> </tr> <tr> <td>Base Anhy.</td> <td>943'</td> <td>+ 887</td> </tr> <tr> <td>Topeka</td> <td>2667'</td> <td>- 837</td> </tr> <tr> <td>Heeb. Sh.</td> <td>2918'</td> <td>-1083</td> </tr> <tr> <td>Toronto</td> <td>2940'</td> <td>-1110</td> </tr> <tr> <td>Lansing</td> <td>2969'</td> <td>-1139</td> </tr> <tr> <td>Base Kc.</td> <td>3224'</td> <td>-1394</td> </tr> <tr> <td>Arbuckle</td> <td>3282'</td> <td>-1452</td> </tr> <tr> <td>TD</td> <td>3351'</td> <td>-1521</td> </tr> </table>	<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample	Name		Datum	Anhydrite	910'	+ 920	Base Anhy.	943'	+ 887	Topeka	2667'	- 837	Heeb. Sh.	2918'	-1083	Toronto	2940'	-1110	Lansing	2969'	-1139	Base Kc.	3224'	-1394	Arbuckle	3282'	-1452	TD	3351'	-1521
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CASING RECORD <input type="checkbox"/> New <input 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	23#	907'	60/40 Poz	400Sx	3% Gel 2% CC 2% Gel
Production	7 7/8	5 1/2	15.5#	3347'	ASC	175sx	500 Gal WFR/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	Depth
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	
2 SPF	ARB 3294-98 and 3284-88	300 gal. 15% MA	3294-98 and 3284-88
	Set bull plugged packer at 3274' to shut off Arbuckle formation.		
2 SPF	LKC L 3214-16 LKC "K" 3188-90	300 gal NE 15% Retr w/500 gal 15% NE.	3214- 3190
2SPF	Perf LKC D 3011-16 - "C" 2996-00 and "A" 2970-72.	Acidized "D"- "C" and "A" with 2000 gal 15% NE.	3011- 2972
2 SPF	Topeka 2698-04	Acidized w/1000 gal NE DMD	2698- 2704

TUBING RECORD		Size <u>2 3/8</u> Set At <u>3269'</u> Packer At <u>3274'</u>	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <u>12-18-04</u>		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 <u>51</u> Bbls.	Gas <u>79</u> Mcf	Water <u>79</u> Bbls. Gas-Oil Ratio <u>40</u> Gravity <u>40</u>

Disposition of Gas \_\_\_\_\_ METHOD OF COMPLETION \_\_\_\_\_ Production Interval LKC 2970-3016' Top-2698-04

Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  
*(If vented, Submit ACO-18.)*  Other (Specify) \_\_\_\_\_

**DRILLERS WELL LOG**

Date Commenced: November 16, 2004  
Date Completed: November 26, 2004

ESP Development, Inc.  
Hagaman #2  
75'N & 48'E SE NW SE  
Sec. 28-11S-15W  
Russell County, Kansas

Elevation: 1825' G.L.  
1830' K.B.

0 - 352' Sand & Shale  
352 - 441' Shale  
441 - 845' Sand & Shale  
845 - 907' Shale  
907 - 1619' Sand & Shale  
1619 - 2238' Shale  
2238 - 2682' Shale & Lime  
2682 - 3076' Lime & Shale  
3076 - 3200' Shale  
3200 - 3288' Lime & Shale  
3288 - 3350' Shale & Sand  
3350' R.T.D.

RECEIVED  
FEB 16 2005  
KCC WICHITA

**FORMATION DATA**

**Surface Pipe:** Set 23#, new, 8 5/8" casing @ 907' with 400 sacks 60/40 Poz., 3% Gel., 2% CC.

**Production Pipe:** Set 15.5#, used, 5 1/2" casing @ 3347' with 175 sacks ASC, 2% Gel. And 500 gallon WFR/2.

**AFFIDAVIT**

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.

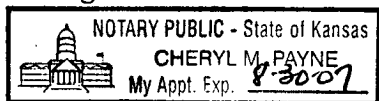
Alan Vonfeldt  
Alan Vonfeldt

Subscribed and sworn to before me this 7th day of December, 2004.

My Commission Expires:

August 30, 2007

Cheryl M. Payne  
Cheryl M. Payne, Notary Public



# ALLIED CEMENTING CO., INC. 18737

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

SERVICE POINT: Russell

DATE <u>11-26-04</u>	SEC. <u>22</u>	TWP. <u>11</u>	RANGE <u>1</u>	CALLED OUT <u>1:00</u>	ON LOCATION <u>2:00</u>	JOB START	JOB FINISH <u>5:15 PM</u>
LEASE <u>Hogman</u>	WELL # <u>2</u>	LOCATION <u>F. L. Ranch IN</u>			COUNTY <u>Russell</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one)							

**CONTRACTOR** Von

**TYPE OF JOB** CSG

**HOLE SIZE** 72 **T.D.** \_\_\_\_\_

**CASING SIZE** 5 **DEPTH** \_\_\_\_\_

**TUBING SIZE** \_\_\_\_\_ **DEPTH** \_\_\_\_\_

**DRILL PIPE** \_\_\_\_\_ **DEPTH** \_\_\_\_\_

**TOOL** \_\_\_\_\_ **DEPTH** \_\_\_\_\_

**PRES. MAX** \_\_\_\_\_ **MINIMUM** \_\_\_\_\_

**MEAS. LINE** \_\_\_\_\_ **SHOE JOINT** \_\_\_\_\_

**CEMENT LEFT IN CSG.** 15.6'

**PERFS.** \_\_\_\_\_

**DISPLACEMENT** 21.28 bbls

**EQUIPMENT**

**PUMP TRUCK** **CEMENTER** R. H.

**#** 311 **HELPER** \_\_\_\_\_

**BULK TRUCK** \_\_\_\_\_

**#** 202 **DRIVER** R. H.

**BULK TRUCK** \_\_\_\_\_

**#** \_\_\_\_\_ **DRIVER** \_\_\_\_\_

**OWNER** \_\_\_\_\_

**CEMENT**

**AMOUNT ORDERED** 175 lbs ABC 2 1/2" 60'

500 gal water

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

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

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

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

**ASC** \_\_\_\_\_ @ \_\_\_\_\_

**RECEIVED** \_\_\_\_\_ @ \_\_\_\_\_

**FEB 16 2005** \_\_\_\_\_ @ \_\_\_\_\_

**KCC WICHITA** \_\_\_\_\_ @ \_\_\_\_\_

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

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

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

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

**REMARKS:**

Pipe size 3347

Chase 15.6'

Case 3321

150' of 5" casing

150' of 5" tubing

150' of 5" drill pipe

150' of 5" tool joint

150' of 5" tool joint

**CHARGE TO:** ESP

**STREET** \_\_\_\_\_

**TOTAL** \_\_\_\_\_

**SERVICE** \_\_\_\_\_

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

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

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

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

**MANIFOLD** \_\_\_\_\_ @ \_\_\_\_\_

1.5' of 5" casing @ \_\_\_\_\_

1.5' of 5" tubing @ \_\_\_\_\_

**TOTAL** \_\_\_\_\_

**CITY:** \_\_\_\_\_ **STATE:** \_\_\_\_\_ **ZIP:** \_\_\_\_\_

**PLUG & FLOAT EQUIPMENT**

5' of 5" casing @ \_\_\_\_\_

5' of 5" tubing @ \_\_\_\_\_

5' of 5" drill pipe @ \_\_\_\_\_

5' of 5" tool joint @ \_\_\_\_\_

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.

**SIGNATURE** [Signature]

**TOTAL** \_\_\_\_\_

**TAX** \_\_\_\_\_

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

**DISCOUNT** \_\_\_\_\_

**IF PAID IN 30 DAYS** \_\_\_\_\_

**PRINTED NAME** \_\_\_\_\_

# ALLIED CEMENTING CO., INC. 18793

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

SERVICE POINT: R

#1 Hagaman #2

DATE <u>11/19/04</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>2:15 A.M.</u>	JOB START	JOB FINISH <u>3:45 A.M.</u>
LEASE <u>HAGAMAN</u>		WELL # <u>#2</u>		LOCATION <u>Event Ranch 1u</u>		COUNTY <u>RS</u>	STATE <u>KS</u>
OLD OR <u>NEW</u> (Circle one)				<u>E IN</u>			

CONTRACTOR Vorsek

TYPE OF JOB Long Surface

HOLE SIZE 12 1/4 T.D. 902

CASING SIZE 8 3/8 DEPTH 902

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. 10'

PERFS. \_\_\_\_\_

DISPLACEMENT 57 Bbl

OWNER \_\_\_\_\_

CEMENT AMOUNT ORDERED 400 60/40 3-2

EQUIPMENT

PUMP TRUCK # 345 CEMENTER Paul HELPER Steve

BULK TRUCK # 362 DRIVER Rufus

BULK TRUCK # \_\_\_\_\_ DRIVER \_\_\_\_\_

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

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

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

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

ASC \_\_\_\_\_ @ \_\_\_\_\_

RECEIVED

FEB 16 2005

KCC WICHITA

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

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

REMARKS:

Cement Circulated!

Thank You!

CHARGE TO: ESP

STREET \_\_\_\_\_

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

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

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

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

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

MANIFOLD 80/8 Solid Rubber @

TOTAL \_\_\_\_\_

PLUG & FLOAT EQUIPMENT

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.

SIGNATURE Doug Budig

TAX \_\_\_\_\_

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

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

Doug Budig  
PRINTED NAME