



Operator Name: ESP Development, Inc. Lease Name: Hagaman Well #: 3  
 Sec. 27 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>RAG, Micro</u>	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <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;">Datum</th> </tr> </thead> <tbody> <tr> <td>Anh</td> <td>905'</td> <td>+928</td> </tr> <tr> <td>Topeka</td> <td>2676'</td> <td>-843</td> </tr> <tr> <td>Heeb. Sh.</td> <td>2928'</td> <td>-1095</td> </tr> <tr> <td>Lansing</td> <td>2980'</td> <td>-1147</td> </tr> <tr> <td>Arbuckle</td> <td>3302'</td> <td>-1469</td> </tr> <tr> <td>TD</td> <td>3327'</td> <td>-1494</td> </tr> </tbody> </table>	Name	Top	Datum	Anh	905'	+928	Topeka	2676'	-843	Heeb. Sh.	2928'	-1095	Lansing	2980'	-1147	Arbuckle	3302'	-1469	TD	3327'	-1494
Name	Top	Datum																				
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CASING RECORD <input checked="" 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"	20#	220'	Common	150	as needed
Production	7 7/8"	5 1/2"	14#	3312'	60/40 Poz	150	6% gel & FS
Top Stage DV Tool	7 7/8"	5 1/2"	14#	931'	60/40 Poz	225	6% gel 1/4# 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
Open Hole	3311-23' Arbuckle		
4 spf	3303-06' Arbuckle	1050 ga NE 2% solvent	3303-23'
2 spf	3200-02' LKc K	750 ga 15% NE MOD ziline	3200-02'
2 spf	3008-12' LKc C	1000 ga 15% NE MOD	3008-12'
2 spf	2708-14' Top 30'	2000 ga 15% NE MOD ziline	2708-14'

TUBING RECORD		Size Set At	Packer At	Liner Run	Ret BP above Arb.
		2 7/8"	3285'		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr.			Producing Method		
July 1, 2005			<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
	82		45		32°

Disposition of Gas: \_\_\_\_\_ METHOD OF COMPLETION: \_\_\_\_\_ Production Interval: \_\_\_\_\_

Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled LKc K, C, Top 30'  
*(If vented, Submit ACO-18.)*  Other (Specify) \_\_\_\_\_



ORIGINAL

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

SERVICE POINT:  
Russell

DATE <u>5-28-05</u>	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION <u>5143021</u>	JOB START <u>7:00 AM</u>	JOB FINISH <u>7:15 AM</u>
LEASE <u>Hugan</u>	WELL # <u>3</u>	LOCATION <u>Geochum 1E 11N 1E 2N</u>		COUNTY <u>Russell</u>	STATE <u>Kansas</u>		
OLD OR NEW (Circle one) <u>NEW</u>		LOCATION <u>1/2 E. S into</u>					

CONTRACTOR Vandell Drilling  
 TYPE OF JOB Surface  
 HOLE SIZE 12" T.D. 223  
 CASING SIZE 8 1/2" DEPTH 220  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG. 15  
 PERFS.  
 DISPLACEMENT 13 Bbl

OWNER  
 CEMENT  
 AMOUNT ORDERED 150 lbs Cem 3 1/2" 2 1/2 Gal

EQUIPMENT  
 PUMP TRUCK CEMENTER Steve  
 # 345 HELPER Paul  
 BULK TRUCK  
 # DRIVER Ruth  
 BULK TRUCK  
 # DRIVER

COMMON @  
 POZMIX @  
 GEL @  
 CHLORIDE @  
 ASC @

RECEIVED  
 AUG 24 2005  
 KCC WICHITA  
 HANDLING @  
 MILEAGE @

REMARKS:  
Cement did Circulate

TOTAL  
 SERVICE

CHARGE TO: ESP Development  
 STREET  
 CITY STATE ZIP

DEPTH OF JOB  
 PUMP TRUCK CHARGE  
 EXTRA FOOTAGE @  
 MILEAGE @  
 @  
 @

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.

TOTAL  
 PLUG & FLOAT EQUIPMENT  
 MANIFOLD @  
1 8 1/2" Wooden Plug @  
 @  
 @  
 @  
 TOTAL

SIGNATURE Michael Wayne

TAX  
 TOTAL CHARGE  
 DISCOUNT IF PAID IN 30 DAYS  
 PRINTED NAME Michael Wayne

ORIGINAL  
SERVICE POINT:

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

Russell

DATE <u>6/5/05</u>	SEC <u>27</u>	TWP. <u>11</u>	RANGE <u>15</u>	CALLED OUT	ON LOCATION	JOB START <u>7:30 AM</u>	JOB FINISH <u>8:00 PM</u>
LEASE <u>Haganon</u>	WELL# <u>3</u>	LOCATION <u>Gordon 1 E 11 N 1 E</u>			COUNTY <u>Russell</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one)		<u>2 N 1/2 E S into</u>					

CONTRACTOR Vanfeldt Drilling  
 TYPE OF JOB 2 stage  
 HOLE SIZE 7 7/8 T.D. 3329  
 CASING SIZE 5 1/2 14" DEPTH 3316.75  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL O.V. Tool DEPTH 931  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. \_\_\_\_\_  
 PERFS. \_\_\_\_\_  
 DISPLACEMENT 22 3/4

OWNER \_\_\_\_\_  
 CEMENT AMOUNT ORDERED 225 60/40 6% Gel  
1/4" Flt  
 COMMON \_\_\_\_\_ @ \_\_\_\_\_  
 POZMIX \_\_\_\_\_ @ \_\_\_\_\_  
 GEL \_\_\_\_\_ @ \_\_\_\_\_  
 CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_  
 ASC \_\_\_\_\_ @ \_\_\_\_\_

EQUIPMENT  
Feldman "Mark"  
 PUMP TRUCK CEMENTER Shore  
 # 395 HELPER Craig  
 BULK TRUCK  
 # 213 DRIVER Fred  
 BULK TRUCK  
 # 222 DRIVER Gary

RECEIVED  
 AUG 24 2005  
 KCC WICHITA  
 HANDLING \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE \_\_\_\_\_ @ \_\_\_\_\_

REMARKS:  
15 sks Pit Hole 10 sks Misc  
Open P.V. Tool @ 700 ps.  
Cir. Mud 20 min  
Cement Circ  
Landed Plug 1500 ps.

TOTAL \_\_\_\_\_  
 SERVICE  
 DEPTH OF JOB \_\_\_\_\_  
 PUMP TRUCK CHARGE \_\_\_\_\_  
 EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_

CHARGE TO: E.S.P. Development Inc.  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TOTAL \_\_\_\_\_  
 PLUG & FLOAT EQUIPMENT  
 MANIFOLD \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 TOTAL \_\_\_\_\_

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 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

Thanks  
 SIGNATURE Ann Warruslag

PRINTED NAME

# ALLIED CEMENTING CO., INC. 16678

ORIGINAL

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

SERVICE POINT:  
Russell

DATE 6/5/05	SEC 27	TWP. 11	RANGE 15	CALLED OUT 11:00 a.m.	ON LOCATION 3:30 p.m.	JOB START 6:30 AM	JOB FINISH 7:00 P
LEASE Haganan	WELL# 3	LOCATION Corraline 15 11 15 2nd			COUNTY Russell	STATE Ks.	
OLD OR NEW (Circle one)				1/2 E 5th			

CONTRACTOR Vonfeldt Drilling Inc  
 TYPE OF JOB 2-Stage Bottom  
 HOLE SIZE 7 7/8 T.D. 3329  
 CASING SIZE 5 1/2 14" DEPTH 3316.79  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL D.U Tool DEPTH 931  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT 16' 20"  
 CEMENT LEFT IN CSG. 16' 20"  
 PERFS.  
 DISPLACEMENT 80 1/2 Bottom

EQUIPMENT  
 Frick Man "Mark"  
 PUMP TRUCK CEMENTER Steve  
 # 366 HELPER Craig  
 BULK TRUCK  
 # DRIVER Fred  
 BULK TRUCK  
 # DRIVER Gary

REMARKS:  
 Plug landed @ 1500 psi  
 Float hole

CHARGE TO: ESP Development Inc.  
 STREET  
 CITY STATE ZIP

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Thanks  
 SIGNATURE Ann Weaverly

OWNER  
 CEMENT  
 AMOUNT ORDERED 150 asc 2% vol  
~~225 6% vol~~  
 500 Gal WFR-2  
 COMMON @  
 POZMIX @  
 GEL @  
 CHLORIDE @  
 ASC @

RECEIVED  
 AUG 24 2005  
 KCC WICHITA  
 HANDLING @  
 MILEAGE @

TOTAL  
 SERVICE  
 DEPTH OF JOB  
 PUMP TRUCK CHARGE  
 EXTRA FOOTAGE @  
 MILEAGE @  
 @  
 @

TOTAL

PLUG & FLOAT EQUIPMENT  
 MANIFOLD @  
 56 @ Latch down assembly @  
 5 1/2 D.U. Tool @  
 6" CENTS @  
 1 Basket @  
 1 5 1/2 Triplex Shoe  
 TOTAL

TAX  
 TOTAL CHARGE  
 DISCOUNT IF PAID IN 30 DAYS

PRINTED NAME