

H.D. Drilling LLC . PLUGGING ORDERS AND REPORTS

CARMEN SCHMITT, INC.
Lease: Sharpe-Beckman #1

Plugging received from: Pat Bedore Date: 5-10-10 Time: 1:30 PM

1 st Plug @ <u>2425</u> FT. <u>25</u> SX	Stands: <u>40</u>	
2 nd Plug @ <u>1370</u> FT. <u>100</u> SX	Stands: <u>22 1/2</u>	middle # 23
3 rd Plug @ <u>275</u> FT. <u>40</u> SX	Stands: <u>4 1/2</u>	middle # 5
4 th Plug @ <u>40</u> FT. <u>wiper plug</u> <u>10</u> SX	Stands: <u>1/2</u>	middle # 1
5 th Plug @ <u>N/A</u> FT. <u>X</u> SX	Stands: <u>X</u>	

Mousehole N/A SX

Rathole 30 SX

Total Cement used: 205 SX

Type of cement: 60/40 Poz Mix w/490 Gcl & 1/4" FloSeal per SX

Plug down at 7:00 AM 5-11-10

Call State When Completed:

Name Pat Dinkel Date: 5-11-10 Time: 8:30 AM

API # 15-109-20910-00-00 1440 FSL & 100 FEL

ELBU2 2970 GL 2980 KB

8 5/8 Set @ 224'

Anhydrite = 2408 - 2431

RTD = 4665

LTD = 4663 by Log Tech

Formation @ TD - Mississippi

Sec. 11 Twp. 13s R. 34w
LOGAN COUNTY, KS

ALLIED CEMENTING CO., LLC. 30753

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Liberia, K.S.

DATE <u>5-11-10</u>	SEC. <u>11</u>	TWP. <u>13</u>	RANGE <u>34</u>	CALLED OUT	ON LOCATION	JOB START <u>6:30 AM</u>	JOB FINISH <u>7:00 AM</u>
LEASE <u>Sharp Beckman</u>		WELL # <u>1</u>	LOCATION <u>Vec Oklaen K.S.</u>			COUNTY <u>Logan</u>	STATE <u>K.S.</u>
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR H-D
 TYPE OF JOB PTA
 HOLE SIZE 7 7/8 T.D.
 CASING SIZE DEPTH
 TUBING SIZE DEPTH
 DRILL PIPE 4 1/2 DEPTH 2425
 TOOL DEPTH
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT

OWNER
 CEMENT
 AMOUNT ORDERED 205 SK 60/40
4" gel

EQUIPMENT

PUMP TRUCK CEMENTER Kenny
 # 366 HELPER Cesar
 BULK TRUCK
 # 457-239 DRIVER Tony
 BULK TRUCK
 # DRIVER

COMMON	@		
POZMIX	@		
GEL	@		
CHLORIDE	@		
ASC	@		
<u>Light Weight 205</u>	@	<u>14.05</u>	<u>2880.25</u>
	@		
	@		
	@		
	@		
	@		
	@		
HANDLING <u>205</u>	@	<u>2.40</u>	<u>492.00</u>
MILEAGE			<u>615.00</u>
TOTAL			<u>3987.25</u>

REMARKS:
THANK YOU!!!

SERVICE

DEPTH OF JOB		<u>2425</u>	
PUMP TRUCK CHARGE			<u>1185.00</u>
EXTRA FOOTAGE	@		
MILEAGE <u>30</u>	@	<u>7.00</u>	<u>210.00</u>
MANIFOLD	@		
	@		
	@		
TOTAL			<u>1395.00</u>

CHARGE TO: Carmen Schmitt
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

<u>Wooden Plug 1</u>	@	<u>53.00</u>	<u>53.00</u>
	@		
	@		
	@		
	@		
TOTAL			<u>53.00</u>

To Allied Cementing Co., LLC.
 You are hereby requested to rent cementing equipment and furnish cementer and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.

SALES TAX (If Any) _____
 TOTAL CHARGES _____
 DISCOUNT _____ IF PAID IN 30 DAYS

PRINTED NAME Doug Roberts
 SIGNATURE Doug Robert
Thanks!





CEMENTING LOG

STAGE NO. _____

Date 5-11-10 District _____ Ticket No. 30753
 Company Cameron Schmitt # Rig H D
 Lease Shore Beckman # Well No. 1
 County Coyne State KS
 Location Ver Oak, K.S. Field _____

CEMENT DATA:
 Spacer Type: _____
 Amt. _____ Skis Yield _____ ft³/sk Density _____ PPG _____

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size _____ Type _____ Weight _____ Collar _____

LEAD: Pump Time _____ hrs. Type 60/40 11%
321 Excess _____
 Amt. 205 Skis Yield 1.34 ft³/sk Density 14.8 PPG

Casing Depths: Top _____ Bottom _____

TAIL: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Skis Yield _____ ft³/sk Density _____ PPG
 WATER: Lead 6.74 gals/sk Tail _____ gals/sk Total _____ Bbls.

Pump Trucks Used 366
 Bulk Equip. 457-234

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size _____ T.D. _____ ft. P.B. to _____ ft.

Float Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars _____
 Special Equip. _____
 Disp. Fluid Type _____ Amt. _____ Bbls. Weight _____ PPG
 Mud Type _____ Weight _____ PPG

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

COMPANY REPRESENTATIVE _____ CEMENTER Kenny

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
5:15 AM			10		5	1 st Plug @ 2425
5:14 AM			6.18		5	Pumped H ₂ O Ahead
5:23 AM			2		5	Pumped 25 sk of Cement
5:26 AM			30		8.2	Pumped H ₂ O Behind Disp with Mud
6:00 AM			10		5	2 nd Plug @ 1370
6:07 AM			24.75		5	Pumped H ₂ O Ahead
6:22 AM			13.06		5	Pumped 130 sk Cement Disp with H ₂ O
7:00 AM			16		5	3 rd Plug @ 275
7:10 AM			9.4		5	Pumped H ₂ O Ahead
7:13 AM			1.5		5	Pumped 40 sk of Cement Disp with H ₂ O
7:20 AM			2.5		5	4 th Plug @ 40
7:25 AM			7.4		5	Pumped 15 sk to Circulate Put in 5 5/8 Wood on Plug Pumped 30 sk Cement to Plug 0H

FINAL DISP. PRESS: _____ PSI BUMP PLUG TO _____ PSI BLEEDBACK _____ BBLs. THANK YOU