

Operator Name Herman L. Loeb

Lease Name Harbaugh

Well # 2

Sec. 33 Twp. 33S Rge. 11

East
 West

County Barber

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 type="checkbox"/> Log	Formation (Top), Depth and Datum	<input checked="" 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	Heebner	3596	-2218
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Lansing	3796	-2418
List All E.Logs Run:		Stark	4266	-2888
Dual induction, neutron-density, microlog		Base Kansas City	4327	-2949
		Pawnee	4440	-3062
		Cherokee Shale	4493	-3115
		Mississippian	4514	-3131
		Kinderhook	4714	-3336
		Woodford Shale	4788	-3410
		Viola	4826	-3448
		Simpson Shale	4932	-3554

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"	23	265	60/40 Pozmix	200	3% CC 2% gel

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				

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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

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SMD or Inj.			Producing Method <input type="checkbox"/> Flowing <input 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	

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

METHOD OF COMPLETION: Open Hole Perf. Dually Comp. Commingled Other (Specify) _____

Production Interval: _____

ALLIED-CEMENTING CO., INC. 22764

P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
med lodge, ks

4-15-06	SEC. 33	TWP. 33S	RANGE 11W	CALLED OUT 8:00A.M.	ON LOCATION 11:00A.M.	JOB START 12:30P.M.	JOB FINISH 1:15P.M.
BASE <u>Harbaugh</u> WELL # <u>2</u>			LOCATION <u>2814 Gerlane RD.</u>		COUNTY <u>Barber</u>	STATE <u>KS.</u>	
OLD OR (NEW) (Circle one)				<u>15-2E-n/s</u>			

CONTRACTOR UAI #3

TYPE OF JOB Rotary Plug

HOLE SIZE 7 7/8 I.D.

CASING SIZE 10 3/4 DEPTH 265'

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 x hole DEPTH 600'

TOOL _____ DEPTH _____

PRES. MAX 100 MINIMUM 7.5

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT Fresh water

EQUIPMENT _____

PUMP TRUCK CEMENTER Larry Dreiling

352 HELPER mark Coley

BULK TRUCK _____

381 DRIVER Tad C.

BULK TRUCK _____

_____ DRIVER _____

REMARKS:

600' - 50SX

270' - 50SX

60' - 50SX

MH - 10SX

RH - 15SX

Cemented w/ 145SX 60:40:6%Gel

OWNER Herman Loeb

CEMENT AMOUNT ORDERED 145SX 60:40:6%Gel

COMMON	<u>87 A</u>	@	<u>9.60</u>	<u>835.20</u>
POZMIX	<u>58</u>	@	<u>5.20</u>	<u>301.60</u>
GEL	<u>8</u>	@	<u>15.00</u>	<u>120.00</u>
CHLORIDE		@		
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>153</u>	@	<u>1.70</u>	<u>260.10</u>
MILEAGE	<u>18 x 153 x .07</u>			<u>200.00</u>
	<u>min chg</u>			<u>TOTAL 1716.90</u>

SERVICE

DEPTH OF JOB 600'

PUMP TRUCK CHARGE _____ 730.00

EXTRA FOOTAGE _____ @ _____

MILEAGE 18 @ 5.00 90.00

MANIFOLD _____ @ _____

_____ @ _____

_____ @ _____

TOTAL 820.00

PLUG & FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

ANY APPLICABLE TAX WILL BE CHARGED UPON INVOICING

TOTAL _____

CHARGE TO: Herman Loeb

STREET _____

CITY _____ STATE _____ ZIP _____

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 x [Signature]

TAX _____

TOTAL CHARGE [Redacted]

DISCOUNT [Redacted] IF PAID IN 30 DAYS

x [Signature]
PRINTED NAME

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