



# CEMENTING LOG

STAGE NO.

Date 3-8-2012 District ML Ticket No. 37943  
 Company Ingen Oil Rig US1#5  
 Lease Chain Ranch 1 Well No. Lownd  
 County Barber State KS  
 Location W.C. Medicine Lessor Field 30-31s-11w

CEMENT DATA:

Spacer Type: 3 bbls water, 1500 lbs mix, 3 bbls water  
 Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG \_\_\_\_\_

CASING DATA: PTA  Squeeze   
 Surface  Intermediate  Production  Liner   
 Size 5 1/2 Type \_\_\_\_\_ Weight 15.5 Collar \_\_\_\_\_

LEAD: Pump Time 20 min hrs. Type 60' 40' 40' 60'  
 Excess \_\_\_\_\_

Amt. 50 Skys Yield 1.40 ft<sup>3</sup>/sk Density 14.1 PPG \_\_\_\_\_

TAIL: Pump Time \_\_\_\_\_ hrs. Type Class A SF 5H  
1.5% KCL water, 2% Gels, 2% Gels, 2% Gels Excess \_\_\_\_\_

Amt. 150 Skys Yield 1.57 ft<sup>3</sup>/sk Density 14.5 PPG \_\_\_\_\_

WATER: Lead \_\_\_\_\_ gals/sk Tail \_\_\_\_\_ gals/sk Total \_\_\_\_\_ Bbls.

Casing Depths: Top KB Bottom 4476'

Pump Trucks Used 471-302 - Goussin

Bulk Equip. 351-250 - Brett

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
 Open Hole: Size 7 7/8 T.D. 4500 ft. P.B. to \_\_\_\_\_ ft.

Float Equip: Manufacturer Weatherford

Shoe: Type Guide shoe Depth 4476'

Float: Type AFU Insole Depth 4485'

CAPACITY FACTORS:

Casing: Bbls/Lin. ft. .0238 Lin. ft./Bbl. 42.01

Centralizers: Quantity 5 Plugs Top 1 Btm. \_\_\_\_\_

Open Holes: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_

Stage Collars \_\_\_\_\_

Drill Pipe: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_

Special Equip. \_\_\_\_\_

Annulus: Bbls/Lin. ft. .0505 Lin. ft./Bbl. 32.41

Disp. Fluid Type 2% KCL water Amt. 106 1/2 Bbls. Weight 8.34 PPG \_\_\_\_\_

Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_

Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG \_\_\_\_\_

Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

COMPANY REPRESENTATIVE Dalton Feiser

CEMENTER Darin Franklin

TIME AM/PM	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						Pipe on bottom & back circulation
	300			3	6	Pump 3 bbls water
	300			500	6	Pump 500 gals ASF
	300			500	6	500 gals mix class
	300			500	6	500 lbs 4% KCL water
	300			3	6	3 bbls water
	100			12		Mix 50 lbs per Res & mix hole
	400			42		Mix 150 lbs of cement
						Shut down
						used pump & loss
						Raise plug
	200				6	Stop & stop pump
	500			75	6	L.P. pressure 5 = 75 bbls
	800			96	3	Slow rise to 3 hr 5 = 96 bbls
	1300			106 1/2	3	slow rise to 4 = 106 1/2 bbls 800-1300 PSI
						Flare & hold

FINAL DISP. PRESS: 800 PSI BUMP PLUG TO 1300 PSI BLEEDBACK Hold BBLs.

THANK YOU

# ALLIED CEMENTING CO., LLC. 037943

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Medicine Lodge

DATE	SEC.	TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
3-8-2012	30	315	11W		12:00pm	4:45pm	5:45pm
Chain Ranch	WELL #	10000	LOCATION	251 Chain Ranch Dr, Lees	County	Beiber	State KS
OLD OR NEW (Circle one)	1/2 sets for Seal more						

CONTRACTOR WGLHS OWNER Travis Oil

TYPE OF JOB Production  
HOLE SIZE 7 7/8 T.D. 4500'  
CASING SIZE 5 1/2 15 S # DEPTH 4476'  
TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
MEAS. LINE \_\_\_\_\_ SHOE JOINT 21  
CEMENT LEFT IN CSG. \_\_\_\_\_  
PERFS. \_\_\_\_\_  
DISPLACEMENT 106 1/2 bbls of Frac Water  
EQUIPMENT \_\_\_\_\_

PUMP TRUCK	CEMENTER	DRIVER
# <u>471 502</u>	HELPER <u>Geasey Dave F</u>	
BULK TRUCK	DRIVER <u>Biot + Geasey</u>	
BULK TRUCK	DRIVER _____	

REMARKS:

Run bottom & have circulation 200 345  
Run 1 50 sec mix flush 3 hrs down  
50x Per Ret + Meusebelog mix 150x of cement  
Shut down, wash pump line, Release plug, stop  
This placement will be done at 75 bbls, size  
FCO to 3 bpm @ 96 bbls, turn off valve  
106 1/2 bbls 800-1300 psi. flow 11.5 & held

COMMON	POZMIX	GEL	CHLORIDE	ASC
AMOUNT ORDERED <u>50x 60 40 40 501</u>				
<u>150x Class A ASC + 5# Kalsol + 2% FLUO</u>				
<u>1 2% Gos Block</u>				
DEPTH OF JOB <u>4476'</u>				
PUMP TRUCK CHARGE _____				
EXTRA FOOTAGE _____				
MILEAGE _____				
MANIFOLD <u>1100</u>				
HANDLING _____				
MILEAGE _____				
TOTAL _____				

SERVICE

DEPTH OF JOB	PLUG & FLOAT EQUIPMENT
<u>4476'</u>	
EXTRA FOOTAGE _____	
MILEAGE _____	
MANIFOLD _____	
HANDLING _____	
MILEAGE _____	
TOTAL _____	

CHARGE TO: Inviso Oil

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

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.

PRINTED NAME Anthony Farrar

SIGNATURE Anthony Farrar

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

Thank you!!!