

Operator Name: Mai Oil Operations, Inc. Lease Name: Duane Popp Well #: 1
 Sec. 10 Twp. 16 S. R. 14 East West County: Barton

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: CNDL, DIL, Micro	<input checked="" type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:70%;">Name</td> <td style="width:15%;">Top</td> <td style="width:15%;">Datum</td> </tr> <tr> <td>Anhydrite</td> <td>914'</td> <td>+1015</td> </tr> <tr> <td>Base Anhydrite</td> <td>946'</td> <td>+983</td> </tr> <tr> <td>Topeka</td> <td>2840'</td> <td>-911</td> </tr> <tr> <td>Heebner</td> <td>3074'</td> <td>-1145</td> </tr> <tr> <td>Toronto</td> <td>3088'</td> <td>-1159</td> </tr> <tr> <td>Lansing</td> <td>3140'</td> <td>-1211</td> </tr> <tr> <td>Base Kansas City</td> <td>3340'</td> <td>-1411</td> </tr> </table>	Name	Top	Datum	Anhydrite	914'	+1015	Base Anhydrite	946'	+983	Topeka	2840'	-911	Heebner	3074'	-1145	Toronto	3088'	-1159	Lansing	3140'	-1211	Base Kansas City	3340'	-1411
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#	410'	Common	225	2%Gel, 3% CC
Production	7 7/8"	3395'	14#	3395'	60-40 Poz	135	2%Gel, 10% Salt

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
3	3324-28', 3305-09'	1500 Gal 15% HCL, 1500 Gal 20% CRA	

TUBING RECORD	Size <u>2 7/8"</u>	Set At <u>3360'</u>	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumerd Production, SWD or Enhr. <u>4-15-07</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 Bbls. <u>15</u>	Gas Mcf	Water Bbls. <u>50</u>	Gas-Oil Ratio

Disposition of Gas Vented Sold Used on Lease *(If vented, Submit ACO-18.)*

METHOD OF COMPLETION Open Hole Perf. Dually Comp. Commingled 3305-3328'

Other (Specify) _____

ALLIED CEMENTING CO., INC.

33038

TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Russell

DATE <u>2-21-07</u>	SEC. <u>10</u>	TWP <u>10</u>	RANGE <u>14</u>	CALLED OUT	ON LOCATION	JOB START <u>4:00 Am</u>	JOB FINISH <u>4:30 Am</u>
LEASE <u>Duane Popp</u>	WELL # <u>1</u>	LOCATION <u>Russell S. on 281 Hwy to</u>			COUNTY <u>Barton</u>	STATE <u>KANSAS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)			CO. line <u>1S 1W 1/2S 1/4E</u>				

CONTRACTOR Southwind Rig # 3

TYPE OF JOB Long SURFACE

HOLE SIZE 12 1/8 T.D. 416'

CASING SIZE 8 5/8 DEPTH 412'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 20'

PERFS. _____

DISPLACEMENT 25 / BBL

EQUIPMENT

PUMP TRUCK CEMENTER [Signature]

398 HELPER [Signature]

BULK TRUCK

378 DRIVER Brandon

BULK TRUCK

_____ DRIVER _____

REMARKS:

Cement
CIRCULATED

THANK'S

CHARGE TO: MAI OIL OPERATIONS

STREET _____

CITY _____ STATE _____ ZIP _____

OWNER _____

CEMENT AMOUNT ORDERED 225 sk Com

3% CC

290.00

COMMON	<u>225</u>	@	<u>1065</u>	<u>2396 25</u>
POZMIX		@		
GEL	<u>4</u>	@	<u>1665</u>	<u>666 00</u>
CHLORIDE	<u>7</u>	@	<u>4660</u>	<u>326 20</u>
ASC		@		
RECEIVED		@		
KANSAS CORPORATION COMMISSION		@		
<u>JUN 04 2007</u>		@		
CONSERVATION DIVISION		@		
WICHITA, KS		@		
HANDLING	<u>236 TOTAL SK</u>	@	<u>190</u>	<u>448 40</u>
MILEAGE	<u>15</u>	@	<u>600</u>	<u>900 00</u>
			TOTAL	<u>3556 05</u>

SERVICE

DEPTH OF JOB _____

PUMP TRUCK CHARGE _____ 815 00

EXTRA FOOTAGE _____ @ _____

MILEAGE 15 @ 600 900 00

MANIFOLD _____ @ _____

TOTAL 905 00

PLUG & FLOAT EQUIPMENT

SOLID RUBBER PLUG 100 00

@ _____

@ _____

@ _____

@ _____

ALLIED CEMENTING CO., INC.

33043

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

SERVICE POINT:
Russell

DATE <u>2-27-07</u>	SEC. <u>10</u>	TWP. <u>16</u>	RANGE <u>14</u>	CALLED OUT	ON LOCATION	JOB START <u>3:00PM</u>	JOB FINISH <u>4:00PM</u>
LEASE <u>DUANE Popp</u>	WELL # <u>1</u>	LOCATION <u>Russell S. To. Co. line</u>			COUNTY <u>BARTON</u>	STATE <u>KANSAS</u>	
OLD OR <u>NEW</u> (Circle one)		<u>1 S 1 W 1/2 S 1/4 E INTO</u>					

CONTRACTOR SOUTHWIND Rig# 3
 TYPE OF JOB PRODUCTION STRING
 HOLE SIZE 7 7/8 T.D. 3411 LTD
 CASING SIZE 5 1/2 New DEPTH 3395
 TUBING SIZE 1 1/2 CSJ DEPTH
 DRILL PIPE DEPTH
 TOOL AFU INSERT DEPTH @ 3374'
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT 21.62
 CEMENT LEFT IN CSG. 21.62
 PERFS.
 DISPLACEMENT 82 33/82 BBL

OWNER
 CEMENT
 AMOUNT ORDERED 150 SK 60% 10% SALT
(750 GAL WFR-2) 290 GEL 1/4# FLO-SEA
3/4 OF 1% CD-31 w/ BUBBLE DISPERSANT

COMMON	<u>90</u>	@	<u>1065</u>	<u>958.50</u>
POZMIX	<u>160</u>	@	<u>5.00</u>	<u>348.00</u>
GEL	<u>2</u>	@	<u>16.50</u>	<u>33.00</u>
CHLORIDE		@		
ASC		@		
WFR-2	<u>750 gals</u>	@	<u>1.00</u>	<u>750.00</u>
CD-31	<u>95</u>	@	<u>7.50</u>	<u>712.50</u>
DEFORMER	<u>90</u>	@	<u>7.20</u>	<u>648.00</u>
SALT	<u>13</u>	@	<u>19.20</u>	<u>249.60</u>
MANIFOLDING	<u>115</u>	@	<u>1.95</u>	<u>313.50</u>
MILEAGE	<u>94/SKI MILE</u>			<u>240.00</u>
TOTAL				<u>4253.40</u>

EQUIPMENT
 PUMP TRUCK CEMENTER Glenn
 # 366 HELPER MARK - TODD RECEIVED
 BULK TRUCK KANSAS CORPORATION COMMISSION
 # 345 DRIVER Doug
 BULK TRUCK JUN 04 2007
 # DRIVER CONSERVATION DIVISION
 WICHITA, KS

REMARKS:

CENT 1, 2, 3, 4, 5, 6, 9, 10, Ran 80 JTS.
USED Cement Scales 15#
Lead Plug @ 1200 #, (FLOAT-HELD)
15 SK @ Rat Hole
THANK'S

SERVICE

DEPTH OF JOB			
PUMP TRUCK CHARGE			<u>1610.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>15</u>	@	<u>6.00</u> <u>90.00</u>
MANIFOLD		@	
TOTAL <u>1700.00</u>			

CHARGE TO: MAI Oil Operations
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT

Guide Shoe	@	<u>160.00</u>
AFU INSERT	@	<u>250.00</u>
8-TURBO-Cent.	@	<u>60.00</u> <u>480.00</u>

To Allied Cementing Co., Inc.

*Faxed
2-27-07*