

ORIGINAL

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1999  
Form Must Be Typed

WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

Operator: License # 4706  
Name: Messenger Petroleum, Inc.  
Address: 525 S. Main  
City/State/Zip: Kingman, KS 67068  
Purchaser: West Wichita Gas  
Operator Contact Person: Jon F. Messenger  
Phone: (620) 532-5400  
Contractor: Name: Sterling Drilling Company  
License: 5142  
Wellsite Geologist: Jon F. Messenger

Designate Type of Completion:  
 New Well  Re-Entry  Workover  
 Oil  SWD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:  
Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening  Re-perf.  Conv. to Enhr./SWD  
 Plug Back  Plug Back Total Depth  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SWD or Enhr.?)  Docket No. \_\_\_\_\_

<u>05-12-2007</u>	<u>05-21-2007</u>	<u>07-24-2007</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 095-22104-0000  
County: Kingman  
100NE C C SE Sec. 16 Twp. 29 S. R. 8  East  West  
1390 feet from (S) / N (circle one) Line of Section  
1250 feet from (E) / W (circle one) Line of Section

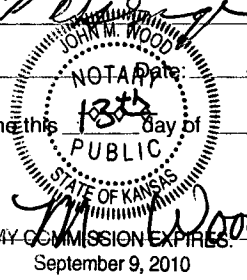
Footages Calculated from Nearest Outside Section Corner:  
(circle one) NE (SE) NW SW  
Lease Name: Clouse Well #: C-1  
Field Name: Belmont Center Northwest  
Producing Formation: Mississippian  
Elevation: Ground: 1636 Kelly Bushing: 1645  
Total Depth: 4268 Plug Back Total Depth: 4238  
Amount of Surface Pipe Set and Cemented at 243.62' Feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from 245'  
feet depth to surface w/ 225 sx cmt.

Drilling Fluid Management Plan Att I NCR 1-14-09  
(Data must be collected from the Reserve Pit)  
Chloride content 21,000 ppm Fluid volume 1100 bbls  
Dewatering method used settlement  
Location of fluid disposal if hauled offsite:  
Operator Name: Messenger Petroleum, Inc.  
Lease Name: Nicholas License No.: 4706  
Quarter NE Sec. 20 Twp. 30 S. R. 8  East  West  
County: Kingman Docket No.: D-27,434

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature: [Signature]  
Title: President  
Subscribed and sworn to before me this 13th day of October,  
20 07.  
Notary Public: [Signature]  
Date Commission Expires: September 9, 2010



**KCC Office Use ONLY**

Letter of Confidentiality Received  
 If Denied, Yes  Date: KANSAS CORPORATION COMMISSION  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution

**RECEIVED**  
**OCT 16 2007**  
CONSERVATION DIVISION  
WICHITA, KS

Operator Name: Messenger Petroleum, Inc. Lease Name: Clouse Well #: C-1  
 Sec. 16 Twp. 29 S. R. 8  East  West County: Kingman

**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  Yes  No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey  Yes  No

Cores Taken  Yes  No

Electric Log Run  Yes  No  
 (Submit Copy)

List All E. Logs Run:

CNL/CDL, DIL, MEL

Log Formation (Top), Depth and Datum  Sample

Name	Top	Datum
Heebner	3230	-1585
Swope	3840	-2195
Hertha	3876	-2231
Miss	4154	-2504
LTD	4268	-2623

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#	243.62'	60/40 poz	225	2%gel,3%CC,1/4#CF
production (2 stage)	7-7/8"	4-1/2"	10.50#	4262'	ASC	100+100	.3%CFR,.3%FLA,10%
DV Tool @ 2565'							salt.75%GB,5# gils

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
4	Miss 4155-4159 (4' @ 4 SPF)	natural	
	DV Tool @ 2565': Cement Top Stage 2128-2565		
	Cement Btm Stage 3370-RTD		

RECEIVED  
 KANSAS CORPORATION COMMISSION  
 OCT 16 2007  
 CONSERVATION DIVISION  
 WICHITA, KS

TUBING RECORD	Size	Set At	Packer At	Liner Run
none				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Date of First, Resumerd Production, SWD or Enhr.	Producing Method
08-17-2007	<input checked="" 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
-0-	1233	-0-			

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: Miss 4155-4159 w/ 4 SPF (natural)

# ALLIED CEMENTING CO., INC.

32339

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

SERVICE POINT

*Medford, KS*

DATE <i>5-12-07</i>	SEC <i>16</i>	TWP <i>09s</i>	RANGE <i>08W</i>	CALLED OUT <i>3:30AM</i>	ON LOCATION <i>6:00AM</i>	JOB START <i>7:30AM</i>	JOB FINISH <i>8:00AM</i>
LEASE <i>Clouse</i>	WELL # <i>C-1</i>	LOCATION <i>Spur, KS 5n on</i>			COUNTY <i>Kingman</i>	STATE <i>KS</i>	
OLD OR NEW (Circle one) <input checked="" type="radio"/> OLD			Ballpark <i>PN 12W N into</i>				

CONTRACTOR *Sterling # 2/* OWNER *Messenger Pet*

TYPE OF JOB *Surface*

HOLE SIZE <i>12 1/4</i>	T.D. <i>245</i>	CEMENT
CASING SIZE <i>8 5/8</i>	DEPTH	AMOUNT ORDERED <i>2254 60/40</i>
TUBING SIZE	DEPTH	<i>243</i>
DRILL PIPE	DEPTH	
TOOL	DEPTH	

PRES. MAX <i>400</i>	MINIMUM <i>100</i>	COMMON <i>135 A</i>	@ <i>11.10</i>	<i>1498.50</i>
MEAS. LINE	SHOE JOINT	POZMIX <i>90</i>	@ <i>6.20</i>	<i>558.00</i>
CEMENT LEFT IN CSG. <i>15ft</i>		GEL <i>4</i>	@ <i>16.65</i>	<i>66.60</i>
PERFS.		CHLORIDE <i>7</i>	@ <i>46.60</i>	<i>326.20</i>
DISPLACEMENT <i>14 3/4 bbls water</i>		ASC	@	

EQUIPMENT

PUMP TRUCK # <i>372</i>	CEMENTER <i>Mary B</i>	RECEIVED	@
BULK TRUCK # <i>364</i>	HELPER <i>Darin</i>	KANSAS CORPORATION COMMISSION	@
BULK TRUCK #	DRIVER <i>JK</i>	<i>OCT 16 2007</i>	@
BULK TRUCK #	DRIVER	CONSERVATION DIVISION	@
		WICHITA, KS	@

REMARKS:

*Pipe on bottom + circulate, pump 3 hrs + mix 2254 cement. Shut down pump, release plug + start displacement pump. 14 3/4 bbls + shut on cement did circulate.*

CHARGE TO: *Messenger Pet*

STREET \_\_\_\_\_

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

SERVICE

DEPTH OF JOB <i>248</i>		
PUMP TRUCK CHARGE		<i>815.00</i>
EXTRA FOOTAGE	@	
MILEAGE <i>45</i>	@ <i>6.00</i>	<i>270.00</i>
MANIFOLD	@	
<i>Head Rental</i>	@ <i>100.00</i>	<i>100.00</i>
	@	
HANDLING <i>236</i>	@ <i>1.90</i>	<i>448.40</i>
MILEAGE <i>45 x 2.36 x .09</i>		<i>955.80</i>
TOTAL		<i>3853.50</i>

PLUG & FLOAT EQUIPMENT

<i>8 5/8</i>		
<i>1-wooden Plug</i>	@ <i>60.00</i>	<i>60.00</i>
	@	
	@	
	@	
	@	

ANY APPLICABLE TAX WILL BE CHARGED UPON INVOICING

TOTAL *60.00*

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

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 Horacio Salaza* *x Lonnie Salaga*  
PRINTED NAME \_\_\_\_\_

OCT 16 2007



# CEMENTING LOG

CONSERVATION DIVISION  
WICHITA, KS

Date 5/22/07 District MED. COOGE Ticket No. 26173  
 Company MESSENGER PETRO. Rig STERLING #4  
 Lease CLOUSE Well No. C-1  
 County KINGMAN State KANSAS  
 Location 16-293-0BW Field STEVEY, KS. 5 NORTH, 2 1/2 WEST, N/E

CEMENT DATA:  
 Spacer Type: 12 BBLs. 2% KCL, 500 MUD CLEAN  
 Amt. 250 Skys Yield 2.42 ft<sup>3</sup>/sk Density 11.7 PPG

CASING DATA: PTA  Squeeze   
 Surface  Intermediate  Production  Liner   
 Size 4 1/2" Type J-55 Weight 10.5# Collar BRD

LEAD: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
 Excess \_\_\_\_\_  
 Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

BURST - 4790#  
 COLLAPSE - 4010#  
 Casing Depths: Top KB Bottom 4262'

TAIL: Pump Time \_\_\_\_\_ hrs. Type ASC + S# K-5  
5% FL-160, 7% GP + 1/4# F/S Excess \_\_\_\_\_  
 Amt. 100 Skys Yield 1.57 ft<sup>3</sup>/sk Density 14.5 PPG  
 WATER: Lead 16.6 gals/sk Tail 7.23 gals/sk Total 36.9 Bbbs.

Pump Trucks Used 372 DARTIN FRANKLIN  
 Bulk Equip. 364 HEATH MC MURRAY

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
 Open Hole: Size 7 7/8" T.D. 4267 ft. P.B. to \_\_\_\_\_ ft.

Float Equip: Manufacturer WEATHERFORD  
 Shoe: Type AFU FLOAT Depth 4262'  
 Float: Type CATCH DOWN BAFFLE Depth 4244'  
 Centralizers: Quantity 7 Plugs Top \_\_\_\_\_ Btm. \_\_\_\_\_  
 Stage Collars DV TOOL @ 2565'  
 Special Equip. BASKET @ 2607'  
 Disp. Fluid Type MUD/WATER Amt. 67 1/2 Bbbs: Weight \_\_\_\_\_ PPG  
 Mud Type CHEMICAL Weight 9.4 PPG

CAPACITY FACTORS:  
 Casing: Bbbs/Lin. ft. .0159 Lin. ft./Bbl. 62.9'  
 Open Holes: Bbbs/Lin. ft. .0602 Lin. ft./Bbl. 16.59'  
 Drill Pipe: Bbbs/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Annulus: Bbbs/Lin. ft. .0406 Lin. ft./Bbl. 24.6474'  
 Bbbs/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
 Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

COMPANY REPRESENTATIVE JON MESSENGER

CEMENTER KEVIN BRUNBALDT

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
6:30		1600				ON LOCATION, RIG UP, SAFETY MTG
		600				OPEN SHOE WITH PUMP TRUCK
						USE ON BOTTOM-DRIP BALL + LIRC.
						ROTATE CASING WHILE CIRCULATING
						RIG UP TO CEMENT PUMP
		350			6	START 2% KCL WATER
		350	12	12	6	KCL WATER IN - START FRESH WATER
		400	17	5	6	FRESH WATER IN - START MUD CLEAN
		400	29	12	6	MUD CLEAN IN - START FRESH WATER
		400	34	5	6	FRESH WATER IN - STOP PUMPS
		100		4	3	CHANGE MANIFOLD - PLUG RAT HOLE
		100		3	3	PLUG MOUSE HOLE - CHANGE MANIFOLD
		600			6 1/2	START SCAVENGER SLURRY
		400	45	11	6 1/2	SCAVENGER IN - START ASC
		300	59	14	6 1/2	GRADUAL PRESSURE DROP
		200	73	14	6	ASC IN - STOP PUMP - CHANGE MANIFOLD
						WASH PUMP & LINES - CHANGE MANIFOLD
		100			2	RELEASE PLUG - START DISPLACEMENT
		100	75	2	7	INCREASE RATE
		100	103	28	7	WATER IN - START MUD
		200	114	11	7	GRADUAL PRESSURE INCREASE
		300	122	8	7	GRADUAL PRESSURE INCREASE
		400	134	12	4	SLOW RATE - STOP ROTATING CASING
3:30		1100	140 1/2	6 1/2	4	BUMP PLUG & HOLD PRESSURE
						RELEASE PRESSURE & FLOAT HOLDS

FINAL DISP. PRESS: 400 PSI BUMP PLUG TO 1100 PSI BLEEDBACK 1/4 BBLs. THANK YOU

# ALLIED CEMENTING CO., INC.

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

SERVICE POINT: MEDICINE LODGE

26174

S-22-07 S-23-07

DATE <u>5/23/07</u>	SEC. <u>16</u>	TWP. <u>29S</u>	RANGE <u>08W</u>	CALLED OUT <u>10:00AM</u>	ON LOCATION <u>6:30PM</u>	JOB START <u>10:00AM</u>	JOB FINISH <u>6:30AM</u>
LEASE <u>BLOUSE</u>	WELL # <u>C-1</u>	LOCATION <u>SPIVEY, KS. 5 NORTH</u>			COUNTY <u>KENNEHAN</u>	STATE <u>KANSAS</u>	
OLD OR NEW (Circle one) <u>NEW</u>			<u>2 1/2 WEST NORTH INTO</u>		RESERVED		

CONTRACTOR WELLS #4

TYPE OF JOB 2 STAGE - TOP STAGE

HOLE SIZE 7 7/8" T.D.

CASING SIZE 4 1/2" 10.5" DEPTH 2565'

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL DV TOOL DEPTH 2565'

PRES. MAX 1300# MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT 40 3/4 BBLs WATER

OWNER MESSENGER PETROLEUM

CEMENT

AMOUNT ORDERED	<u>500 GAL. MUD MISC</u>		
	<u>25g 60:40:4 + 4% SPS</u>		
	<u>100% ASC + SAKS + 1/2% GR + 5% FL-160</u>		
	<u>+ 1/4% FLO SEAL + DEFORMER</u>		
COMMON A	<u>15</u>	@ <u>11.10</u>	<u>166.50</u>
POZMIX	<u>10</u>	@ <u>6.20</u>	<u>62.00</u>
GEL	<u>1</u>	@ <u>16.65</u>	<u>16.65</u>
CHLORIDE		@	
ASC	<u>100</u>	@ <u>13.95</u>	<u>1395.00</u>
NAL. SEAL	<u>500#</u>	@ <u>.70</u>	<u>350.00</u>
FL-160	<u>49#</u>	@ <u>10.65</u>	<u>500.55</u>
GAC-BLOCK	<u>66#</u>	@ <u>8.90</u>	<u>587.40</u>
DEFORMER	<u>14#</u>	@ <u>7.20</u>	<u>100.80</u>
FLO SEAL	<u>25#</u>	@ <u>2.00</u>	<u>50.00</u>
CLARFO	<u>1</u>	@ <u>25.00</u>	<u>25.00</u>
MUD CLEAN	<u>500</u>	@ <u>1.00</u>	<u>500.00</u>
SPS	<u>9#</u>	@ <u>1.95</u>	<u>17.55</u>
HANDLING	<u>158</u>	@ <u>1.90</u>	<u>300.20</u>
MILEAGE	<u>158 X 45</u>	<u>.09</u>	<u>139.90</u>
			TOTAL <u>4691.55</u>

EQUIPMENT

PUMP TRUCK CEMENTER A. BRUNGARDT

# 372 HELPER D. FRANKLTN

BULK TRUCK

# 364 DRIVER H. McMURRAY

BULK TRUCK

# 389 DRIVER R. ROMANS

REMARKS:

See Job Log

CHARGE TO: MESSENGER PETROLEUM

STREET 525 SOUTH MAIN

CITY KENNEHAN STATE KANSAS ZIP 67068

SERVICE

DEPTH OF JOB	<u>2565'</u>		
PUMP TRUCK CHARGE			<u>955.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>45</u>	@ <u>6.00</u>	<u>N/C</u>
MANIFOLD		@	
HEAD RENTAL		@ <u>100.00</u>	<u>N/C</u>
			TOTAL <u>955.00</u>

PLUG & FLOAT EQUIPMENT

RECEIVED

KANSAS CORPORATION COMMISSION @ \_\_\_\_\_

OCT 16 2007 @ \_\_\_\_\_

@ \_\_\_\_\_

@ \_\_\_\_\_

TOTAL \_\_\_\_\_

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 [Signature]

PRINTED NAME

TAX \_\_\_\_\_

TOTAL CHARGE 15646.55

DISCOUNT 564.66 IF PAID IN 30 DAYS



# CEMENTING LOG

OCT 16 2007  
STAGE NO.

CONSERVATION DIVISION  
WICHITA, KS

Date 5/23/07 District Med. Large Ticket No. 26174  
Company MESSENGER PETRO. Rig STERLING #4  
Lease CLOUSE Well No. P-1  
County KINSMAN State KANSAS  
Location 16-295-08W Field \_\_\_\_\_

CEMENT DATA:  
Spacer Type: 12 BBLs. 2% KCL, 500 MUD CLEAN  
Amt. 25 Skys Yield 2.42 ft<sup>3</sup>/sk Density 11.7 PPG

CASING DATA: PTA  Squeeze   
Surface  Intermediate  Production  Liner   
Size 4 1/2" Type J-55 Weight 10.5# Collar 820

LEAD: Pump Time \_\_\_\_\_ hrs. Type \_\_\_\_\_  
Excess \_\_\_\_\_  
Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

BURST - 4790#  
COLLAPSE - 4010#  
Casing Depths: Top NB Bottom 2565'

TAIL: Pump Time \_\_\_\_\_ hrs. Type ASC + 5#K-5  
5% FL-160, .7% BB + 1/4# FIS Excess \_\_\_\_\_  
Amt. 100 Skys Yield 1.57 ft<sup>3</sup>/sk Density 14.5 PPG  
WATER: Lead 16.6 gals/sk Tail 7.23 gals/sk Total 27.1 Bbls.

Pump Trucks Used 372 DARRIN FRANKLIN  
Bulk Equip. 389 RAYMOND ROMANS

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
Open Hole: Size 7 7/8" T.D. 4267 ft. P.B. to \_\_\_\_\_ ft.

Float Equip: Manufacturer WEATHER FORD  
Shoe: Type AFU FLOAT Depth 4262'  
Float: Type LATCH DOWN BATTIE Depth 4244'  
Centralizers: Quantity 7 Plugs Top \_\_\_\_\_ Btm. \_\_\_\_\_  
Stage Collars DV TOOL @ 2565'  
Special Equip. BASKET @ 2607'  
Disp. Fluid Type FRESH H2O Amt. 474 Bbls. Weight 8.34 PPG  
Mud Type CHEMICAL Weight 9.4 PPG

CAPACITY FACTORS:  
Casing: Bbls/Lin. ft. .0159 Lin. ft./Bbl. 62.7'  
Open Holes: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
Drill Pipe: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
Annulus: Bbls/Lin. ft. .0406 Lin. ft./Bbl. 24.6474'  
Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

COMPANY REPRESENTATIVE JON MESSENGER

CEMENTER KEVIN BRUNHARDT

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
						DROP OPENING PLUG FOR DV TOOL
<u>4:00</u>	<u>1000</u>	<u>2200</u>				OPEN TOOL + BREAK CIRCULATION
	<u>200</u>				<u>6</u>	RIG UP TO CEMENT PUMP
	<u>200</u>		<u>12</u>	<u>12</u>	<u>6</u>	START 2% KCL WATER
	<u>200</u>		<u>17</u>	<u>5</u>	<u>6</u>	KCL WATER IN - START FRESH WATER
	<u>200</u>		<u>29</u>	<u>12</u>	<u>6</u>	FRESH WATER IN - START MUD CLEAN
	<u>200</u>		<u>34</u>	<u>5</u>	<u>6</u>	MUD CLEAN IN - START FRESH WATER
	<u>200</u>		<u>45</u>	<u>11</u>	<u>7</u>	FRESH WATER IN - START SCAVENGER
	<u>100</u>		<u>63</u>	<u>18</u>	<u>7</u>	SCAVENGER IN - START ASC
	<u>100</u>		<u>73</u>	<u>10</u>	<u>7</u>	GRADUAL PRESSURE DROP
						ASC IN - STOP PUMP - CHANGE MA
						WASH PUMP + LINES
	<u>100</u>		<u>75</u>	<u>2</u>	<u>4</u>	CHANGE MANIFOLD - RELEASE PLUG
	<u>300</u>		<u>92</u>	<u>17</u>	<u>7</u>	INCREASE RATE
	<u>400</u>		<u>103</u>	<u>11</u>	<u>7</u>	GRADUAL PRESSURE INCREASE
	<u>300</u>		<u>112</u>	<u>9</u>	<u>4</u>	GRADUAL PRESSURE INCREASE
	<u>1800</u>		<u>114 3/4</u>	<u>2 3/4</u>	<u>4</u>	SLOW RATE
<u>6:30 AM</u>					<u>4</u>	BUMP PLUG
					<u>4</u>	CLOSE DV TOOL + HOLD PRESSURE
						RELEASE PRESSURE + TOOL HOLDS!

FINAL DISP. PRESS: 250 PSI BUMP PLUG TO 1800 PSI BLEEDBACK 14 BBLs. THANK YOU

# ALLOED CEMENTINO CO., INC.

26173

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

SERVICE POINT:

MEDICINE LODGE  
5-23-07 0-23-09

DATE <u>5/22/09</u>	SEC. <u>16</u>	TWP. <u>29E</u>	RANGE <u>08W</u>	CALLED OUT <u>10:00AM</u>	ON LOCATION <u>6:30 PM</u>	JOB START <u>2:30 AM</u>	JOB FINISH <u>3:30 AM</u>
LEASE <u>MOUSE</u>		WELL # <u>C-1</u>	LOCATION <u>SPRUEY, K. 5 NORTH</u>		COUNTY <u>KENNYAN</u>	STATE <u>KANSAS</u>	
OLD OR NEW (Circle one)			<u>2 1/2 WEST NORTH INTO</u>				

CONTRACTOR PERKINS #4 OWNER MESSENGER PETROLEUM

TYPE OF JOB 2 STAGE - BOTTOM

HOLE SIZE 7 7/8" T.D. 4267'

CASING SIZE 4 1/2" DEPTH 4262'

TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_

DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_

TOOL DV TOOL DEPTH 2565'

PRES. MAX 1100# MINIMUM \_\_\_\_\_

MEAS. LINE \_\_\_\_\_ SHOE JOINT 13.62'

CEMENT LEFT IN CSG. \_\_\_\_\_

PERFS. \_\_\_\_\_

DISPLACEMENT 30 WATER - 2 1/2 MUD

**EQUIPMENT**

PUMP TRUCK # <u>372</u>	CEMENTER <u>V. BRUNOARDT</u>
	HELPER <u>D. FRANKLIN</u>
BULK TRUCK # <u>364</u>	DRIVER <u>H. McMURRAY</u>
BULK TRUCK # <u>339</u>	DRIVER <u>R. ROMANS</u>

**CEMENT**

AMOUNT ORDERED 500 GAL. MUD MEND

500 60:40:4 + 4% S.M.S.

100# ASC 5# K-5 + 7% BB + 5% FL-160

+ 1/4" FLO-SEAL + DEFORMER

COMMON A	30	@ 11.10	333.00
POZMIX	20	@ 6.20	124.00
GEL	2	@ 16.65	33.30
CHLORIDE		@	
ASC	100	@ 13.95	1395.00
KOL-SEAL	500#	@ .70	350.00
FL-160	47#	@ 10.65	500.55
GAS BLOCK	66#	@ 8.90	587.40
DEFORMER	14#	@ 7.20	100.80
FLO-SEAL	25#	@ 2.00	50.00
CLAPP	1	@ 25.00	25.00
MUD CLEAN	500	@ 1.00	500.00
S.M.S.	26#	@ 1.95	50.70
HANDLING	184	@ 1.90	349.60
MILEAGE	184 x 45	.09	745.20
			TOTAL <u>5123.86</u>

**REMARKS:**

SEE JOB LOG

CHARGE TO: MESSENGER PETROLEUM

STREET 525 SOUTH MAIN

CITY KENNYAN STATE KANSAS ZIP 67068

**SERVICE**

DEPTH OF JOB	<u>4262'</u>	
PUMP TRUCK CHARGE		<u>1675.00</u>
EXTRA FOOTAGE	@	
MILEAGE	<u>45</u>	@ <u>6.00</u> <u>270.00</u>
MANIFOLD	@	
<u>HEAD RENTAL</u>	@ <u>100.00</u>	<u>100.00</u>
<u>ROTATING HEAD</u>	@ <u>100.00</u>	<u>100.00</u>
TOTAL <u>2145.00</u>		

**PLUG & FLOAT EQUIPMENT**

1- AFW FLOAT SHOE	<u>385.00</u>	<u>385.00</u>
1- LATCH DOWN PLUG	@ <u>360.00</u>	<u>360.00</u>
1- DV TOOL	@ <u>3450.00</u>	<u>3450.00</u>
1- BA-KEY	@ <u>150.00</u>	<u>150.00</u>
7- TURBOLIZERS	@ <u>60.00</u>	<u>420.00</u>
12- SCRATCHERS	@ <u>75.00</u>	<u>900.00</u>
TOTAL <u>5965.00</u>		

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.

TAX \_\_\_\_\_

TOTAL CHARGE #13,233.86

DISCOUNT 1323.39 IF PAID IN 30 DAYS

SIGNATURE

[Signature]

RECEIVED  
KANSAS CORPORATION COMMISSION

OCT 16 2007 PRINTED NAME