

077  
007-212950000

ORIGINAL

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ADD-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

Operator: License # 4706

Name: MESSENGER PETROLEUM, INC.

Address 1015 E. Hwy 54

City/State/Zip Kingman, KS 67068

Purchaser: Peoples Natural Gas

Operator Contact Person: Jon F. Messenger

Phone (316) 532-5400

Contractor: Name: Sterling Drilling - Rig 4

License: 5142

Wellsite Geologist: Jon F. Messenger

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SLD  SLDW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_

Deepening  Re-perf.  Conv. to Inj/SLD  
 Plug Back  PBSD  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SLD or Inj?)  Docket No. \_\_\_\_\_

11-17-95 11-25-95 Csg set 11-26-95  
Spud Date Date Reached TD Completion Date  
Comp. 03-12-96

API NO. 15- 077-007-212950000

County Harper

75<sup>th</sup> W 1/2 SW NW Sec. 1 Twp. 31S Rge. 7W

3630 Feet from (S) (circle one) Line of Section

4695 Feet from (E) (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
NE, (E), NW or SW (circle one)

Lease Name GRABER Well # 1

Field Name Maple Grove South

Producing Formation Stalnaker

Elevation: Ground 1594 KB 1603

Total Depth 4410 PBTD 3730

Amount of Surface Pipe Set and Cemented at 267 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 270

feet depth to surface w/ 175 sx cmt.

Drilling Fluid Management Plan alt I 6-3-96  
(Data must be collected from the Reserve Pit)

Chloride content \_\_\_\_\_ ppm Fluid volume 360 bbls

Dewatering method used settling, then hauled off

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name Messenger Petroleum, Inc.

Lease Name Bergman License No. 4706

NE Quarter Sec. 34 Twp. 30S S Rng. 7 E/W

County Kingman Docket No. D - 25,073

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 on 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 Jon F. Messenger

Title President Date 4-1-96

Subscribed and sworn to before me this 1<sup>st</sup> day of April, 1996.

Notary Public Susan C. Rogers

Date Commission Expires 9-19-98

**SUSAN C. ROGERS**  
Notary Public - State of Kansas  
My Appt. Expires 9/19/98

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Geologist Report Received  
  
Distribution  
 KCC  SLD/Rep  NGPA  
 KGS  Plug  Other  
(Specify)

Operator Name Messenger Petroleum, Inc. Lease Name Graber Well # 1  
 Sec. 1 Twp. 31S Rge. 7  East County Harper  
 West

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  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: By Western Atlas  
 Z-Densilog, Compensated Neutron, Gamma Ray, Minilog  
 High Resolution Dual Ind. Focused Log

<input checked="" type="checkbox"/> Log	Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Name	Top	Datum
Indian Cave	2327	
Stalnaker	3531	
Swope	3927	
Hertha	3960	
Miss (Rew)	4334	
Miss (por)	4340	

CASING RECORD <input type="checkbox"/> New <input checked="" 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	28	267	60/40	175	2%gel, 3%cc
production	7-7/8	4-1/2	10.5	4017	ASC	175	5%coal seal

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	3907-3909 bridge plug set at 3730		500 gal 15% acid HCl
4	3531-3534		none	

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
		2-3/8	3531	none		
Date of First, Resumed Production, SMD or Inj.			Producing Method			
03-12-96			<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	
	trace	200	trace			

Disposition of Gas: **METHOD OF COMPLETION** **Production Interval**  
 Vented  Sold  Used on Lease  Open Hole  Perf.  Dually Comp.  Commingled  
 (If vented, submit ACO-18.)  Other (Specify) \_\_\_\_\_

flowing 200 MCF/24 thru 8/64 choke with FTP 840# and CP 1160#

ORIGINAL

SIDE TWO

Operator Name ..... MESSENGER PETROLEUM CORP ..... Lease Name ..... GRABER ..... Well # ..... 1  
 KANSAS CORP COMM  
 4-2-96  
 1996 APR - 2 East 29  
 Sec. .... 1 ..... Twp. .... 31 S ..... Rge. .... 7 ..... West  
 County ..... HARPER .....  
 15-077-21295-0000

WELL LOG

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.

DST	Interval	Pressure	Flow	Time	Formation	Drill Stem Tests Taken		Formation Description	
						<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample
DST 1	2372-2393	15-15-0-0	Rec 65'	MudIFP 22-20#	ISIP 38#, IHP 1170, FHP 1100#	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample
DST 2	3531-3541	30-30-60-60	GTS 5"	Ga 141 MCF, Ga 435 MCF/30", Ga 814 MCF/60", Ga 995 MCF/90"	Rec 30' GCM IFP 33-110, FFP 116-204, ISIP 1436, FSIP 1430#, IHP 1684, FHP 1657#	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample
DST 3	3914-3944	30-30-30-60	Rec 258'	GIP, 1' CO, 593' SIMSW IFP 39-117, FFP 236-285, ISIP 1446, FSIP 1466, IHP 1826, FHP 1816#		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample
DST 4	4341-4355	30-30-30-60	GTS 5"	of 2nd Op, Ga 4.12 MCF/10", Ga 10.6 MCF/30", Rec 20' DM IFP 22-23, FFP 19-24, ISIP 1101, FSIP 1164, IHP 2181, FHP 2061#		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample
DST 5	4353-4365	30-30-30-60	GTS 1.5"	of 2nd Op, Ga 38.6 MCF/5", Ga 13.2 MCF/30", Rec 40' Gsy oil spec Mud, 30' W0 spec M, IFP 20-38, FFP 35-41, ISIP 1106, FSIP 1184, IHP 2136, FHP 2039#		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	<input type="checkbox"/> Sample

Name	Top	Bottom
Indian Cave	2327	
Stalnaker	3531	
Swope	3927	
Hertha	3960	
Miss (Rew)	4334	
Miss (por)	4340	



15-077-21295-0000  
CEMENTING LOG

STAGE NO.  
ORIGINAL

Date 11-26-95 District Mica Large Ticket No. 1472  
Company Messinger Pro. Inc Rig STERLING PLS  
Lease GRA 475 Well No. 1  
County HARRIS State KANSAS  
Location DEJULON 22, 5/3002 Field \_\_\_\_\_

CEMENT DATA:  
Spacer Type: \_\_\_\_\_  
Amt. \_\_\_\_\_ Skys Yield \_\_\_\_\_ ft<sup>3</sup>/sk Density \_\_\_\_\_ PPG

500 GAL MUD CLEAN  
LEAD: Pump Time \_\_\_\_\_ hrs. Type 1-0-40.4  
Mouse + RAT hole CEMENT Excess \_\_\_\_\_  
Amt. 25 Skys Yield 1.40 ft<sup>3</sup>/sk Density 14.1 PPG  
TAIL: Pump Time \_\_\_\_\_ hrs. Type A 5 C 55  
KUL-SAL/SK Excess \_\_\_\_\_  
Amt. 175 Skys Yield 1.57 ft<sup>3</sup>/sk Density 14.5 PPG  
WATER: Lead 6.7 gals/sk Tail 7.23 gals/sk Total 34 Bbls.

CASING DATA: PTA  Squeeze   
Surface  Intermediate  Production  Liner   
Size 4 1/2 Type LS20 Weight 10.5 Collar \_\_\_\_\_

Pump Trucks Used 255-765 CARL G  
Bulk Equip. 259-314 TUBO K

Casing Depths: Top 8518 Bottom 412 4023

Drill Pipe: Size \_\_\_\_\_ Weight \_\_\_\_\_ Collars \_\_\_\_\_  
Open Hole: Size 8.75 AUG. T.D. 4400 ft. P.B. to 4023 ft.

Float Equip: Manufacturer \_\_\_\_\_  
Shoe: Type TRT PLEX Depth 4023  
Float: Type A.F.U INSERT Depth 3978  
Centralizers: Quantity 7 Plugs Top ISUBST Btm. \_\_\_\_\_  
Stage Collars \_\_\_\_\_  
Special Equip. \_\_\_\_\_  
Disp. Fluid Type FRESH H<sub>2</sub>O Amt. 63.5 Bbls. Weight 8.3 PPG  
Mud Type \_\_\_\_\_ Weight \_\_\_\_\_ PPG

CAPACITY FACTORS:  
Casing: Bbls/Lin. ft. 0.157 Lin. ft./Bbl. 62.70  
Open Holes: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
Drill Pipe: Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
Annulus: Bbls/Lin. ft. 0.547 Lin. ft./Bbl. 18.2804  
Bbls/Lin. ft. \_\_\_\_\_ Lin. ft./Bbl. \_\_\_\_\_  
Perforations: From \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Amt. \_\_\_\_\_

COMPANY REPRESENTATIVE Jon Messinger

CEMENTER Neal Rupp

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
3:30						KAN 4 1/2 CSG TO 4023 K.B.
5:05						DROP BALL FOR TRT PLEX
5:15	1200	600				OPEN TRT PLEX - CIRCULATE
5:17						DROP BALL FOR A.F.U INSERT
5:20	800	600				PUMP BALL THROUGH CIRCULATE
5:50						HOG UP TO DISCHARGE
5:55	600		(6.25)	12.0	6	START FLUSH
	500			(6.25)	6	PLUG MOUSE HOLE (10SK) + TATHOLE (15SK)
6:10	250		61.5	49.0	6	START SLURRY
	0					SLURRY IN - SHUT DOWN
6:15	150					WASH OUT PUMPS + LINES
	150			2.5	6	RELEASE PLUG START DISP.
	200		14.5	12.0	5	FLUSH @ SHOES
	700		45	30.5	4	SLURRY @ SHOES
	750		60.5	15.5	3	STEADY LIT PSI - SLOW RATE
	800		62.5	2.0	3	SLOW RATE - STEADY PSE
6:30	1200		63.5	1.0		FINAL DISP PSI
	0					PUMP PLUG
						RELEASE PSI - A.F.U. INSERT HELD!
						JOB COMPLETE

RECEIVED  
KANSAS CORPORATION COMMISSION

JUN 18 1996  
6-18-96

FINAL DISP. PRESS: 800 PSI BUMP PLUG TO 1200 PSI BLEEDBACK 1/2  
Taylor Pricing, Inc. Print, KS CONSERVATION DIVISION WICHITA, KS

# ALLIED CEMENTING CO., INC.

15-077-21295-0000

4979

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

**ORIGINAL**

SERVICE POINT: Med Lodge

DATE <u>11-17-95</u>	SEC. <u>1</u>	TWP. <u>31s</u>	RANGE <u>7w</u>	CALLED OUT	ON LOCATION <u>11:30 AM</u>	JOB START <u>12:25 PM</u>	JOB FINISH <u>12:45 PM</u>
LEASE <u>Beaker</u>	WELL # <u>1</u>	LOCATION <u>DUQUOIN LE, SINTO</u>			COUNTY <u>HARPER</u>	STATE <u>KANSAS</u>	

OLD OR (NEW) (Circle one)

CONTRACTOR SERLING DRILL Co.

TYPE OF JOB SURFACE

HOLE SIZE 12 1/4" T.D. 270'

CASING SIZE 8 5/8" x 7.8# DEPTH 270'

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

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

TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_

PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_

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

CEMENT LEFT IN CSG. 10'

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

OWNER MESSENGER PETROLEUM, INC.  
CEMENT

AMOUNT ORDERED 175 sq 60:40:2 + 3 1/2 Gallons

COMMON	<u>105</u>	@	<u>6.10</u>	<u>640.50</u>
POZMIX	<u>70</u>	@	<u>3.15</u>	<u>220.50</u>
GEL	<u>3</u>	@	<u>9.50</u>	<u>28.50</u>
CHLORIDE	<u>6</u>	@	<u>28.00</u>	<u>168.00</u>
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>175</u>	@	<u>1.05</u>	<u>183.75</u>
MILEAGE	<u>175 x 37</u>		<u>.04</u>	<u>259.00</u>

**EQUIPMENT**

PUMP TRUCK CEMENTER K. BRUNGARDI

# 266 HELPER J. HART

BULK TRUCK

# 289-314 DRIVER T. SAMPLE

BULK TRUCK

# \_\_\_\_\_ DRIVER L. CONNER

TOTAL \$1500.2

**REMARKS:**

**SERVICE**

Ran 8 5/8" casing to bottom + BREAK  
CIRCULATION

MIX 175 sq 60:40:2 + 3 1/2 Gallons

CEMENT DID CIRCULATE!

DEPTH OF JOB	<u>270'</u>		
PUMP TRUCK CHARGE 0-300'			<u>445.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>37</u>	@	<u>2.35</u> <u>86.95</u>
PLUG <u>8 5/8" TWP</u>		@	<u>45.00</u> <u>45.00</u>
		@	
		@	

TOTAL \$576.95

CHARGE TO: MESSENGER PETROLEUM, INC.

STREET P.O. Box 172-41

CITY KANSAS STATE KANSAS ZIP 67068

**FLOAT EQUIPMENT**

	@	
	@	
	@	
	@	
	@	

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 V. L. Thompson

TAX \_\_\_\_\_

TOTAL CHARGE \$ 2077.20

DISCOUNT \$ 415.44 IF PAID IN 30 DAYS

NET \$ 1661.76

RECEIVED  
KANSAS CORPORATION COMMISSION

JUN 18 1996  
6-18-96  
CONSERVATION DIVISION  
WICHITA, KS