

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

Operator: License # 4706 ORIGINAL

Name: MESSINGER PETROLEUM, INC.

Address 1015 E. Hwy 54

City/State/Zip Kingman, KS 67068

Purchaser: Gas-Peoples Nat. Gas Oil-Texaco

Operator Contact Person: Jon F. Messenger

Phone (316) 532-5400

Contractor: Name: Sterling Drg Co. (rig 4)

License: 5142

Wellsite Geologist: Jon F. Messenger

Designate Type of Completion  
 New Well  Re-Entry  Workover

Oil  SMD  SLOW  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/SWD  
 Plug Back  PBTB  
 Conmingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (S/W or Inj?)  Docket No. \_\_\_\_\_

08-27-97 09-03-97 09-13-97  
Spud Date Date Reached TD Completion Date

API NO. 15- 077-213320000

County Harper

260'S C SW NW Sec. 1 Twp. 31S Rge. 7 X W

2240 Feet from S (circle one) Line of Section

660 Feet from E (circle one) Line of Section

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

Lease Name Graber Well # 2

Field Name Maple Grove South

Producing Formation Mississippian

Elevation: Ground 1589 KB 1598

Total Depth 4405 PBTB 4369

Amount of Surface Pipe Set and Cemented at 222 Feet

Multiple Stage Cementing Collar Used?  Yes  No

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

If Alternate II completion, cement circulated from 225

feet depth to surface w/ 165 sx cmt.

Drilling Fluid Management Plan ALT2 87K 4-15-98  
(Data must be collected from the Reserve Pit)

Chloride content 12,000 ppm Fluid volume 440 bbls

Dewatering method used settlement

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

Operator Name Messenger Petroleum, Inc.

Lease Name Bergman License No. 4706

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

County Kingman Docket No. D-25073

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 12-24-97

Subscribed and sworn to before me this 24 day of December, 19 97.

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  S/D/Rep  NGPA  
 KGS  Plug  Other  
(Specify)  
120  
12-24-97  
12-24-97  
KANSAS CORPORATION COMMISSION  
Form Add-1 (7-91)

Operator Name MESSENGER PETROLEUM, INC. Lease Name Graber Well # 2

Sec. 1 Twp. 31S Rge. 7  East  West  
 County Harper

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 checked="" type="checkbox"/> Log	Formation (Top), Depth and Datum	<input 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	Indian Cave	2328	- 730
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Heebner	3269	-1671
List All E.Logs Run: Dual Induction Log, CDL/CNL ; Dual Compensated Porosity Log, DIL by Log Tech		Stalnaker	3534	-1936
		BKC	4042	-2444
		Miss (por)	4334	-2736
		DST 1: Miss 4324-4342	30-30-60-60 GTS 12" Ga 60 MCF	
			incr to 100 MCF, REC 200' SGCWM IFP 112-92	
			FFP 100-94 ISIP 1226 FSIP 1218 HP 2199/2082	
		DST 2: Miss 4340-4352	30-30-60-60 GTS 7" Ga 63 MCF	
			incr to 85 MCF, REC 260' OGCWM 60' GCW IFP	

**CASING RECORD**  New  Used  
 Report all strings set-conductor, surface, intermediate, production, etc.  
 55-85 FFP 89-111 ISIP 1201 FSIP 1205 HP 2143/2087

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	222	60/40 poz	165	2% gel, 3% CC
production	7-7/8	5-1/2	14	4403	ASC	175	5 # Kol 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
2	4334 - 4340	1000 gal 10% MA	4334-40

**TUBING RECORD** Size J-55 EUE 8rnd 2-7/8 Set At 4365 Packer At \_\_\_\_\_ Liner Run  Yes  No

Date of First Resumed Production, SMD or Inj. 10-11-97 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
	30.89	303	135.27	9809:1	35.1

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

Production Interval 4334-4340 / 2SPF  
Miss Chert

15-077-21332-0000

# ALLIED CEMENTING CO., INC.

5589

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

ORIGINAL

SERVICE POINT: MEN. LODGE

DATE <u>08-27-97</u>	SEC. <u>1</u>	TWP. <u>31S</u>	RANGE <u>7W</u>	CALLED OUT <u>8:30 AM</u>	ON LOCATION <u>11:00 AM</u>	JOB START <u>12:50</u>	JOB FINISH <u>1:15 PM</u>
LEASE	WELL #	LOCATION <u>DUPON. FISHERS 2 1/2</u>			COUNTY <u>KILGOMAN</u>	STATE <u>KS</u>	

OLD OR (NEW) (Circle one)

CONTRACTOR STERLING DRIS CO  
 TYPE OF JOB SURFACE CSG. JOB  
 HOLE SIZE 12 1/4 T.D. 225  
 CASING SIZE 8 5/8" DEPTH 214  
 TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
 TOOL \_\_\_\_\_ DEPTH \_\_\_\_\_  
 PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
 MEAS. LINE \_\_\_\_\_ SHOE JOINT \_\_\_\_\_  
 CEMENT LEFT IN CSG. 15'  
 PERFS. \_\_\_\_\_

OWNER MESSENGER PETROLEUM INC.  
CEMENT

AMOUNT ORDERED 115 - x 60' W/ 20% GEL

COMMON \_\_\_\_\_ @ \_\_\_\_\_  
 POZMIX \_\_\_\_\_ @ \_\_\_\_\_  
 GEL 35% @ \_\_\_\_\_  
 CHLORIDE 24 @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 HANDLING \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE \_\_\_\_\_ @ \_\_\_\_\_

### EQUIPMENT

PUMP TRUCK CEMENTER FUD  
 # 233/302 HELPER TIM D  
 BULK TRUCK  
 # 242 DRIVER PAVING  
 BULK TRUCK  
 # \_\_\_\_\_ DRIVER \_\_\_\_\_

TOTAL \_\_\_\_\_

### REMARKS:

CS AT 214 FT BROKE GEL  
MIXED 165 W/ 60' W/ 20% GEL  
20% GEL DONATED TUB W/  
FRESH H2O  
CEMENT CIRCULATED W/ 6 GEL W/  
SUGGEST 25 TO 35% MORE P/WELL

### SERVICE

DEPTH OF JOB 214'  
 PUMP TRUCK CHARGE \_\_\_\_\_  
 EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE \_\_\_\_\_ @ \_\_\_\_\_  
 PLUG \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

CHARGE TO: MESSENGER PETROLEUM INC.  
 STREET 1005 EAST HAWK ST  
 CITY KILGOMAN STATE KS 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. Thompson

TAX \_\_\_\_\_  
 TOTAL CHARGE \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

12-29-97  
 02:11 07 DEC 29 1997  
 RECEIVED  
 KANSAS CORP 600

15-077-21332-0000

# ALLIED CEMENTING CO., INC.

6300

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

ORIGINAL

SERVICE POINT:

Abilene, Texas

DATE <u>2-4-99</u>	SEC. <u>1</u>	TWP. <u>31</u>	RANGE <u>700</u>	CALLED OUT <u>4:50 pm</u>	ON LOCATION <u>2:30 pm</u>	JOB START <u>7:45</u>	JOB FINISH <u>9:30</u>
LEASE <u>Crabtree</u>	WELL# <u>2</u>	LOCATION <u>Dogwood 10-20-40</u>			COUNTY <u>Hempstead</u>	STATE <u>Missouri</u>	

OLD OR NEW (Circle one)

CONTRACTOR John Drilling  
 TYPE OF JOB Production  
 HOLE SIZE 7 7/8 T.D. 4403  
 CASING SIZE 5 1/2 x 14 DEPTH 4403  
 TUBING SIZE DEPTH  
 DRILL PIPE 4 3/4 x 16.10 DEPTH  
 TOOL DEPTH  
 PRES. MAX 1400 MINIMUM 100  
 MEAS. LINE SHOE JOINT 31  
 CEMENT LEFT IN CSG. 31  
 PERFS.

OWNER Abilene Pipeline & Refining Co.  
CEMENT

AMOUNT ORDERED 175 x ASC 1.5" Kel-Seal  
25 x 2040-4  
5cc Gal Mud Clean

COMMON \_\_\_\_\_ @ \_\_\_\_\_  
 POZMIX \_\_\_\_\_ @ \_\_\_\_\_  
 GEL \_\_\_\_\_ @ \_\_\_\_\_  
 CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 HANDLING \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE \_\_\_\_\_ @ \_\_\_\_\_

### EQUIPMENT

PUMP TRUCK CEMENTER Carl Balking  
 # 255-215 HELPER Steve Winsor  
 BULK TRUCK  
 # 259-314 DRIVER John Kelly  
 BULK TRUCK  
 # DRIVER

TOTAL \_\_\_\_\_

### REMARKS:

### SERVICE

Pipe on bottom, check circulation  
5/8" Big pump, circulate for 45 minutes  
pump 500 Gal mud clean, plug bit  
+ 1000 Gal with 25 x 2040-4  
pump 175 x ASC 1.5" Kel-Seal top  
plug is on the bottom, 1 line 5 Kel-Seal plug  
Displace with 110 Gal fresh water  
Check plug 300 over pump psi (Insert Held)

DEPTH OF JOB 4403  
 PUMP TRUCK CHARGE \_\_\_\_\_  
 EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_  
 MILEAGE \_\_\_\_\_ @ \_\_\_\_\_  
 PLUG Rubber \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

CHARGE TO: Messenger Refining, Inc.  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

### FLOAT EQUIPMENT

1- Regular Guide shoe  
- 250 Taper @ \_\_\_\_\_  
6- Centralizer @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_  
 \_\_\_\_\_ @ \_\_\_\_\_

TOTAL \_\_\_\_\_

TAX \_\_\_\_\_  
 TOTAL CHARGE \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

To Allied Cementing Co., Inc.  
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SIGNATURE [Signature]

RECEIVED  
 KANSAS CORP. CO.  
 12-29-97  
 1997 DEC 29 1:21



ORIGINAL

15-077-21332-0000

CEMENTING LOG

STAGE NO.

Date 4-4-97 District Ks. State Ticket No. 6500
Company Messenger Killebrew Inc Rig Shilling
Lease Graber Well No. 2
County Harper State Kansas
Location Dugan Ks. 25, Ks Field 1-515-90

CEMENT DATA:
Spacer Type: 520-GAL Mud Clean
Amt. Sks Yield ft^3/sk Density PPG

CASING DATA: PTA Squeeze
Surface Intermediate Production Liner
Size 53 Type Weight 14 Collar

LEAD: Pump Time hrs. Type
Amt. 25 Sks Yield 140 ft^3/sk Density 141 PPG
TAIL: Pump Time hrs. Type

Casing Depths: Top KB Bottom 4403

Amt. 125 Sks Yield 1.57 ft^3/sk Density 14.5 PPG
WATER: Lead 1.7 gals/sk Tail 222 gals/sk Total 34 Bbls.

Drill Pipe: Size 43 Weight 16.60 Collars
Open Hole: Size 75 T.D. ft. P.B. to ft.

Pump Trucks Used 255-265 - Stone Wilgoe
Bulk Equip. 259-314 - John Kelly

CAPACITY FACTORS:
Casing: Bbls/Lin. ft. .0244 Lin. ft./Bbl. 40.98
Open Holes: Bbls/Lin. ft. Lin. ft./Bbl.
Drill Pipe: Bbls/Lin. ft. Lin. ft./Bbl.
Annulus: Bbls/Lin. ft. .0309 Lin. ft./Bbl. 32.40
Perforations: From ft. to ft. Amt.

Float Equip: Manufacturer
Shoe: Type Depth 1405
Float: Type AFV Insert Depth 1372
Centralizers: Quantity 6 Plugs Top 1 Btm.
Stage Collars
Special Equip.
Disp. Fluid Type Fresh water Amt. 110 Bbls. Weight 8.24 PPG
Mud Type Weight PPG

COMPANY REPRESENTATIVE Tom Messenger

CEMENTER Carl Shilling

Table with columns: TIME, PRESSURES PSI (DRILL PIPE CASING, ANNULUS), FLUID PUMPED DATA (TOTAL FLUID, Pumped Per Time Period, RATE Bbls Min.), REMARKS. Includes handwritten entries for time, pressure, and pump data.

FINAL DISP. PRESS: 900 PSI BUMP PLUG TO 1400 PSI BLEEDBACK BBLs THANK YOU
Taylor Printing, Inc., Pratt, KS

12-29-97
1997 DEC 29 1:20
RECEIVED
KANSAS CORP