

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

Operator: License # 4706Name: MESSENGER PETROLEUM, INC.Address 1015 East Hwy 54City/State/Zip Kingman, Ks. 67068Purchaser: N/AOperator Contact Person: Jon F. MessengerPhone (316) 532-5400

Contractor: Name: _____

License: _____

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:

Operator: MESSENGER PETROLEUM, INC.Well Name: Graber # 1Comp. Date 03-12-96 Old Total Depth 3730

☐ Deepening ☐ Re-perf. ☐ Conv. to Inj/SWD
☐ Plug Back ☐ PBDT
☐ Commingled ☐ Docket No. _____
☐ Dual Completion ☐ Docket No. _____
☒ Other (SWD or Inj?) ☐ Docket No. D-27,609

Spud Date _____ Date Reached TD 12-03-98 Completion Date _____

API NO. 15- 007-212950000County HarperN/2-SW - NW Sec. 1 Twp. 31S Rge. 7 XX W3630 Feet from SW (circle one) Line of Section4695 Feet from EW (circle one) Line of SectionFootages Calculated from Nearest Outside Section Corner:
NE, SE NW or SW (circle one)Lease Name Graber Well # 1Field Name Maple Grove SouthProducing Formation StalnakerElevation: Ground 1594 KB 1603Total Depth 4410 PBDT 3730Amount of Surface Pipe Set and Cemented at 267 FeetMultiple Stage Cementing Collar Used? ☐ Yes ☒ No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from 270feet depth to surface w/ 175 sx cmt.Drilling Fluid Management Plan Re-work, 1-22-99 U.C.
(Data must be collected from the Reserve Pit)Chloride content 1000 ppm Fluid volume 75 bblsDewatering method used settlement

Location of fluid disposal if hauled offsite: _____

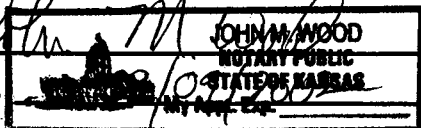
Operator Name Messenger Petroleum, Inc.Lease Name Nicholas License No. 4706NE Quarter Sec. 20 Twp. 30S S Rng. 8 EWCounty Kingman Docket No. D-25,703

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 01-07-99

Subscribed and sworn to before me this 7th day of January, 19 99.

Notary Public John M. WoodDate Commission Expires 12/31/2002

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

SIDE TWO

Operator Name MESSANGER PETROLEUM, INC.Lease Name GraberWell # 1Loc. 1 Twp. 31S Rge. 7 ☐ EastCounty 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 ☒ NoCores Taken ☐ Yes ☒ NoElectric Log Run ☐ Yes ☒ No
(Submit Copy.)

List All E.Logs Run:

☐ Log Formation (Top), Depth and Datum ☐ Sample
Name Top Datum

CASING RECORD

☐ New ☐ 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 Poz	175	2% gel, 3% CC
production	7-7/8	4-1/2	10.5	4017	ASC	175	5# Kol Seal

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD	3531-3534	Common	100	
☒ 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	3570-3620	1500 gal HCl	
packer	Elder AD-1 2-3/8X4-1/2 10.5# (set in tension-15,000 over)	Bachman C-124 packer fluid	

TUBING RECORD		Size 2-3/8 4.7#	Set At 3512	Packer At 3508	Liner Run ☐ Yes ☒ No		
Date of First, Resumed Production, SWD or Inj. est. 01-20-99			Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☒ SWD Other (Explain)				
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Water 2304 (vac=11"	Gas-Oil Ratio inj rate 1.6 BBLs/min.)	Gravity

Disposition of Gas: METHOD OF COMPLETION

☐ Vented ☐ Sold ☐ Used on Lease
(If vented, submit ACO-18.)
☐ Open Hole ☒ Perf.☐ Dually Comp. ☐ Conninged 3570-3620☐ Other (Specify)

Production Interval

Lower Stalnaker