FORM MUST BE TYPED

SIDE ONE

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

RECEIVED
JUN 25
KCC WICHITA

API NO. 15- 095-21810-0000

County Kingman

C - NE - NW Sec. 34 Twp. 30 Rge. 7 E X W

660 Feet from S (N) (circle one) Line of Section

1980 Feet from E (W) (circle one) Line of Section

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

Lease Name Norris Well # C-2

Field Name Ruth NE

Producing Formation D & A

Elevation: Ground 1615 KB 1624

Total Depth 4805 PBTD

Amount of Surface Pipe Set and Cemented at 215 Feet

Multiple Stage Cementing Collar Used? ____ Yes X No

If yes, show depth set ____ Feet

If Alternate II completion, cement circulated from 220

feet depth to surface w/ 200 sx cmt.

Operator: License # 4706

Name: MESSENGER PETROLEUM, INC.

Address 525 S. Main

City/State/Zip Kingman, KS. 67068

Purchaser:

Operator Contact Person: Jon F. Messenger

Phone (620) 532-5400

Contractor: Name: Sterling Drilling Co.

License: 5142

Wellsite Geologist: Jon F. Messenger

Designate Type of Completion
X New Well ____ Re-Entry ____ Workover

____ Oil ____ SWD ____ SIOW ____ Temp. Abd.
____ Gas ____ ENHR ____ SIGW
X 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 ____ PBTD
____ Commingled Docket No. ____
____ Dual Completion Docket No. ____
____ Other (SWD or Inj?) Docket No. ____

2-6-02 Spud Date
2-14-02 Date Reached TD
2-15-02 Completion Date

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content 5000 ppm Fluid volume 320 bbls

Dewatering method used settlement

Location of fluid disposal if hauled offsite:

Operator Name MESSENGER PETROLEUM, INC.

Lease Name Nicholas License No. 4706

NE Quarter Sec. 20 Twp. 30 S Rng. 8 E (W)

County Kingman Docket No. D25,073

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 6/20/2002

Subscribed and sworn to before me this 20th day of June, 2002

Notary Public John M. Wood

Date Commission Expires 9/9/2002

JOHN M. WOOD
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 9/9/2002

K.C.C. OFFICE USE ONLY
F ____ Letter of Confidentiality Attached
C ____ Wireline Log Received
C ____ Geologist Report Received

Distribution
____ KCC ____ SWD/Rep ____ NGPA
____ KGS ____ Plug ____ Other (Specify)

Form ACO-1 (7-91)

SIDE TWO

Operator Name MESSENGER PETROLEUM, INC. Lease Name NORRIS Well # C-2

Sec. 34 Twp. 30S Rge. 7 ☐ East ☒ West County Kingman

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 (3) (Attach Additional Sheets.) ☒ Yes ☐ No

Samples Sent to Geological Survey ☒ Yes ☐ No

Cores Taken ☐ Yes ☒ No

Electric Log Run (Submit Copy.) ☒ Yes ☐ No

List All E.Logs Run: Dual Compensated Porosity
Dual Induction
By LOG-TECH

☒ Log Formation (Top), Depth and Datums ☐ Sample

Name	Top	Datum
Heebner	3317	-1693
KC	3824	-2200
Swope	3976	-2352
Hertha	4008	-2384
Mississippi	4368	-2744
Kinderhook	4645	-3021
Simpson	4770	-3146
RTD/LTD	4805	-3181

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
sruface casing	12-1/4	8-5/8	23	215	60/40 POZ	200	3% CC

ADDITIONAL CEMENTING/SQUEEZE RECORD

Purpose:	Depth Top	Depth Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
___ Perforate					
___ Protect Casing					
___ Plug Back TD					
___ 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

TUBING RECORD Size Set At Packer At Liner Run ☐ Yes ☐ No

Date of First, Resumed Production, SWD or Inj. Producing Method ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

Disposition of Gas: METHOD OF COMPLETION Production Interval

☐ Vented ☐ Sold ☐ Used on Lease (If vented, submit ACO-18.)

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled _____

☐ Other (Specify) _____ _____

COPY

MESSENGER PETROLEUM, INC.
525 S. Main
Kingman, KS. 67068

RECEIVED
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KCC WICHITA

Norris C-2

DST # 1 4000-4024 Hertha 30-30-30-30
Initial Flow-blow 1/2" bldg to 7" ISI-no blow
Final Flow-blow 1/2" bldg to 1" FSI-no blow
Recovery: 330' salt water
IFP 29-147 FFP 149-197 ISIP 1276 FSIP 1272
IHP 1937 FHP 1886 BHT 124 deg F. Chlorides=56,000
rec chlorides=3000 system

DST # 2 4360-4388 Mississippi 30-60-60-60
IF-strong blow, BOB in 5 min ISI-no blow
FF-strong blow, BOB in 7 min FSI-no blow
Recovery: ?? gas in pipe + 65' oil spotted mud
IFP 41-41 FFP 43-65 ISIP 456 FSIP 348 IHP 2138
FHP 2074 Chlor=4000 rec/4000 sys
* tool did not go to bottom, worked pipe to slide tool 6'to bottom

DST # 3 4386-4414 Mississippi 30-60-60-60
IF-strong blow, BOB in 2 min ISI-no blow
FF-strong blow, BOB in 30 seconds FSI-no blow
Gas to surface in 55 min into FF
Recovery: 120' OCGMW (10% Gas, 10% oil, 20% mud, 60% water)
120' OCMW (1%oil, 39% mud, 60% water)
60' OSM
Total fluid rec=300'
IFP 43-89 FFP 70-132 ISIP 1070 FSIP 1019 IHP 2167
FHP 2048 BHT 126 deg F.