

CONFIDENTIAL

COPY *and*

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

Operator: License # 5120

Name: Range Oil Company, Inc.

Address 125 N. Market, Suite 1120

City/State/Zip Wichita, KS 67202

Purchaser: Total Petroleum

Operator Contact Person: John M. Washburn

Phone (316) 265-6231

Contractor: Name: Glaves Drilling Co.

License: 30864

Wellsite Geologist: Tom Blair

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: MAN 2-3-1998

Well Name: FROM TOTAL

Comp. Date 10-3-96

Deepening Re-perf. Conv. to Inj/SWD
 Plug Back PBTD
 Commingled Docket No. _____
 Dual Completion Docket No. _____
 Other (SWD or Inj?) Docket No. _____

10-3-96 10-9-96 10-25-96
Spud Date Date Reached TD Completion Date

API NO. 15- 115-21,294
County Marion
- SE - NE - SW Sec. 24 Twp. 22 Rge. 3 E W
1650 Feet from (S) (circle one) Line of Section
2400 Feet from (W) (circle one) Line of Section

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

Lease Name Moffett "C" Well # 1

Field Name _____

Producing Formation Mississippian

Elevation: Ground 1433 KB 1438

Total Depth 2654 PBTD _____

Amount of Surface Pipe Set and Cemented at 209 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT 1 JH 4-4-97
(Data must be collected from the Reserve Pit)

Chloride content 1,000 ppm Fluid volume 200 bbls

Dewatering method used evaporation

Location of fluid disposal if hauled offsite: RCC

Operator Name OCT 29

Lease Name CONFIDENTIAL License No. _____

Quarter _____ Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

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RELEASED

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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.

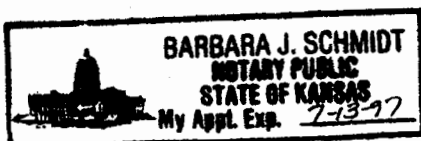
Signature John M. Washburn
Title Vice President Date 10-29-96

Subscribed and sworn to before me this 29th day of October, 19 96.

Notary Public Barbara J. Schmidt
Barbara J. Schmidt

Date Commission Expires 7-13-97

K.C.C. OFFICE USE ONLY		
F	<input checked="" type="checkbox"/>	Letter of Confidentiality Attached
C	<input checked="" type="checkbox"/>	Wireline Log Received
C	<input checked="" type="checkbox"/>	Geologist Report Received
Distribution		
<input type="checkbox"/>	KCC	<input type="checkbox"/> SWD/Rep
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug
<input type="checkbox"/>		<input type="checkbox"/> NGPA
<input type="checkbox"/>		<input type="checkbox"/> Other (Specify)



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Operator Name Range Oil Company, Inc.

Lease Name Moffett "C"

Well # 1

Sec. 24 Twp. 22 Rge. 3 East

County Marion

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.)

Log Formation (Top), Depth and Datum Sample

Name	Top	Datum
Brown Lime	1844'	- 406
Lansing	1930	- 492
Base Kansas City	2318	- 880
Cherokee	2483'	-1045
Conglomerate	2499	-1061
Mississippi Chert	2517	-1079
Mississippi LS	2610	-1172
Kindershook	2639	-1201
Log Total Depth	2655	-1217

List All E.Logs Run: Dual Porosity, Dual Induction
DST(1) 2478-2508 30-30-60-60.

Rec: 150' thin mud (95% mud, 5% wtr) FP 62-100
SIP 648-549 T: 104°F. DST(2) 2512-2523
30-30-15-30. Rec: 1' FO&S SOCM (5% oil, 95% mud), FP 40-20 SIP: 440-440. T: 105°F.

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	24	209'	Common	150	3% CaCl
Production	7 7/8	4 1/2	10 1/2	2693'	Range	100	2% gel 1% CaCl ₂ 0.5% H ₂ OAD-322

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
3	2518-2521' & 2524-2526'	250 gallons 15% MCA	2518-2526

TUBING RECORD		Size	Set At	Packer At	Liner Run
		2 3/8	2540		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Date of First, Resumed Production, SMD or Inj.		Producing Method			
10-25-96		<input type="checkbox"/> Flowing <input checked="" 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
	9		100		

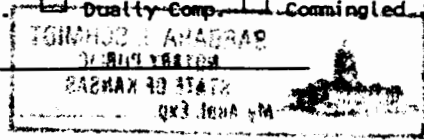
Disposition of Gas:

METHOD OF COMPLETION

Production Interval

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

Open Hole Perf. Dually Comp. Commingled
 Other (Specify)



2518-2521' &
2524-2526'