

15-33-4E

SIDE ONE

5

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

API NO. 15-..... 035 - 21,948
County..... Cowley
..... NE SW Sec. 15 Twp. 33S Rge. 4 X East
..... West

1955 Ft North from Southeast Corner of Section
3300 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Shields
Lease Name..... Well #..... 2

Posey Northeast
Field Name.....

Mississippian
Producing Formation.....

1170 1177
Elevation: Ground..... KB.....

Operator: License # 5120
Range Oil Company, Inc.
Name
Address 125 N. Market, 1120 KSB&T Bldg.
.....
City/State/Zip Wichita, Kansas 67202

Purchaser..... Total Petroleum.....

Operator Contact Person John M. Washburn
Phone (316) 265-6231

Contractor: License # 5124
Range Drilling Co., Inc.
Name

Wellsite Geologist..... Steve Kreidler
Phone.....

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

X Oil _____ SWD _____ Temp Abd
Gas _____ Inj _____ Delayed Comp.
_____ Dry _____ Other (Core, Water Supply etc.)

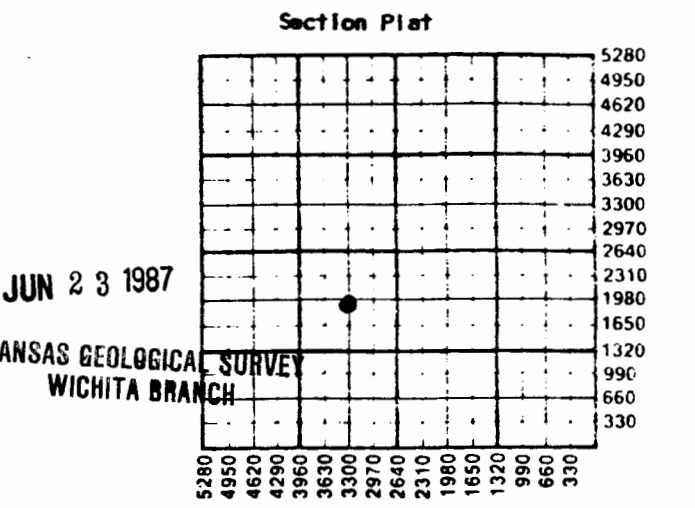
If ONNO: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth.....

WELL HISTORY

Drilling Method:
X Mud Rotary _____ Air Rotary _____ Cable

7-25-78 8-4-78 9-6-78
Spud Date Date Reached TD Completion Date
3190 None
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 195 feet
Multiple Stage Cementing Collar Used? _____ Yes X No
If yes, show depth set..... feet
If alternate 2 completion, cement circulated
from..... feet depth to..... w/..... SX cmt
Cement Company Name
Invoice #



A WATER SUPPLY INFORMATION
Disposition of Produced Water: _____ X Disposal
Docket # CD-37812
..... Repressuring
(C-19,319)

Questions on this portion of the ACO-1 call:
Water Resources Board (913) 296-3717
Source of Water:
Division of Water Resources Permit #.....
_____ Groundwater..... Ft North from Southeast Corner
(Well) Ft West from Southeast Corner of
Sec Twp Rge _____ East _____ West
X Surface Water..... Ft North from Southeast Corner
(Stream, pond etc)..... Ft West from Southeast Corner
Sec 15 Twp 33S Rge 4 XX East _____ West
_____ Other (explain).....
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 drillers time log shall be attached with this form. Submit QP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

Operator Name Range Oil Company, Inc. Lease Name Shields Well # 2

Sec. 15 Twp. 33S Rge. 4 East West County Cowley

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.

Drill Stem Tests Taken Yes No
 Samples Sent to Geological Survey Yes No
 Cores Taken Yes No

Formation Description
 Log Sample

	Name	Top	DATUM Bottom
DST #1 - 660-690, 30-30-30-30. GTS in 45 minutes. T.S.T.M. Rec. 20' mud. IFP 83-20. ISIP 261. FFP 83-20. FSIP 261.	Admire	675	+502
	Iatan	1967	-790
	Perry Sand	2202	-1025
	Layton	2442	-1265
DST #2 - 2560-2580, 30-30-30-30. Rec. 5' mud. IFP 10-10. ISIP 250. FFP 31-31. FSIP 114.	Kansas City	2555	-1378
	Base Kansas City	2718	-1541
	Marmaton	2797	-1620
	Cherokee	2913	-1736
	Mississippian Chert	3129	-1952
DST #3 - 2574-2605, 30-30-45-60. Rec. 30' mud plus 30' VSOGCM. IFP 52-52. ISIP 522. FFP 83-83. FSIP 668.	Mississippian Lime	3141	-1964

Estimated Production Per 24 Hours	Oil	Gas	Water	Gas-Oil Ratio	Gravity
	25 Bbls	MCF	Bbls	CFPB	

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation

3130-3140

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	12.25	8.625	23	195	Common	85	2% CaCl
Production	7.825	4.5	9.5 (new)	3189	Common	75	Range Blend

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
2	3130-3140	500 Gal. 15% NE; 1600 Gal. 15% NE; Frac w/100 bbls. Versage 1 + 125 sacks sand	3130-3140

TUBING RECORD Size 2.375 Set At ~3170 Packer at No Packer Liner Run Yes No

Date of First Production 9-6-78 Producing Method Flowing Pumping Gas Lift Other (explain).....