

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

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

Purchaser.....

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

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

Wellsite Geologist Bob Olsen
Phone (316) 265-6231

Designate Type of Completion
 New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

10-14-88 10-18-88 11-2-88
Spud Date Date Reached TD Completion Date

2710
Total Depth PBD

(DDTD)
Amount of Surface Pipe Set and Cemented at 220 feet
Multiple Stage Cementing Collar Used? Yes 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/I-DVD

API NO. 15-015-23,102-00-00
County Butler
..... SW Sec. 2 Twp. 26 Rge. 3 East
..... West

1750 Ft North from Southeast Corner of Section
3780 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

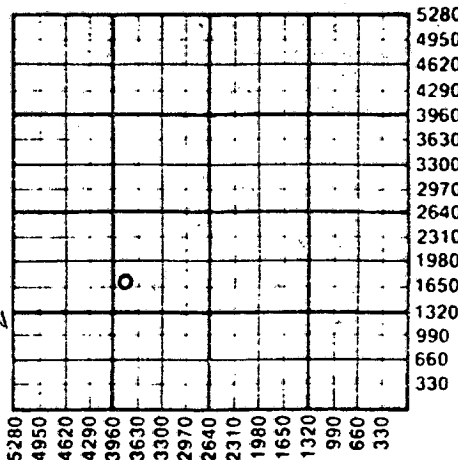
Lease Name Foulston "A" Well # 2

Field Name.....

Producing Formation.....

Elevation: Ground 1283 KB 1288

Section Plat



RECEIVED
NOV 14 1988
11-14-88
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # Repressuring

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3717

Source of Water:
Division of Water Resources Permit # NA

Groundwater.....Ft North from Southeast Corner
(Well)Ft West from Southeast Corner of
Sec Twp Rge East West

Surface Water 2600 Ft North from Southeast Corner
(Stream, pond etc.) 5200 Ft West from Southeast Corner
Sec 2 Twp 26 Rge 3 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 CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

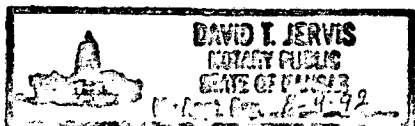
All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature John M. Washburn
Title Vice President Date 11-3-88

Subscribed and sworn to before me this 3rd day of November 1988
Notary Public David T. Jervis

Date Commission Expires.....

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)
11-14-88



Sec 2 Twp 26 Rge 3 E

SIDE TWO

Operator Name Range Oil Company, Inc. Lease Name..... Foulston "A" Well #..... 2

Sec..... 2 Twp..... 26 Rge..... 3 East West County..... Butler

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 <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample
--	--

	Name	Top	Bottom
DST #1 - 2229'-2251', 30-30-30-30. Blow; died in 15 minutes. Rec: 1' FO + 15' SOCM (5-10% oil). IFP 20-30. ISIP 650. FFP 30-30. FSIP 95. T: 96°F.	Lansing	1932'	(-644')
	Base Lansing	2072'	(-784')
	Kansas City	2222'	(-934')
	Base Kansas City	2383'	(-1095')
DST #2 - 2693'-2708', 30-30-60-60. Blow; weak. Rec: 110' GIP + 10' FO + 60' OGCM (10-40% oil) + 60' SOCM (60,000ppm). IFP 30-40. ISIP 735. FFP 50-75. FSIP 735. T: 108°F.	Marmaton	2460'	(-1172')
	Cherokee	2607'	(-1319')
	Conglomerate	2664'	(-1376')
	Miss.-Warsaw	2676'	(-1388')
	Miss.-Oswego	2706'	(-1418')
	RTD	2708'	(-1420')
	LTD	2710'	(-1422')

CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> 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	12.25	8.625	23	220	Common	165	3% CaCl
Production	7.825	4.5	9.5	2704	Common	125	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
	Open hole	50 gals. 15% acid	2704-08'
		250 gals. 15% acid (drilled deeper to 2710')	2704-08'

TUBING RECORD	Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No

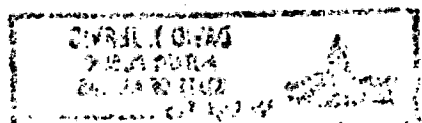
Date of First Production	Producing Method
D&A	<input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....

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

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify)
 Used on Lease Dually Completed
 Commingled



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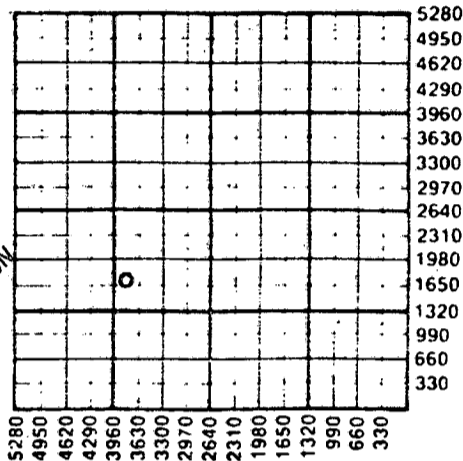
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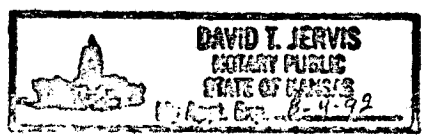
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Title Vice President Date 11-3-88

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Distribution
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Sec. Twp. Rge.

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Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
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Size	Set At	Packer at					
Date of First Production	Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....						
D&A							
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