

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
Range Oil Company, Inc.
Name
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
Range Drilling Co., Inc.
Name

Wellsite Geologist Rob Dietterich
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 OWNED: old well info as follows:
Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

5-9-88 5-15-88 5-16-88
Spud Date Date Reached TD Completion Date

MIRBT
3275
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 223 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 #

API NO. 15-159,22,227.00.00

County Rice

NE NE SE Sec. 13 Twp. 18 Rge. 7 East
West

2310 Ft North from Southeast Corner of Section
330 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

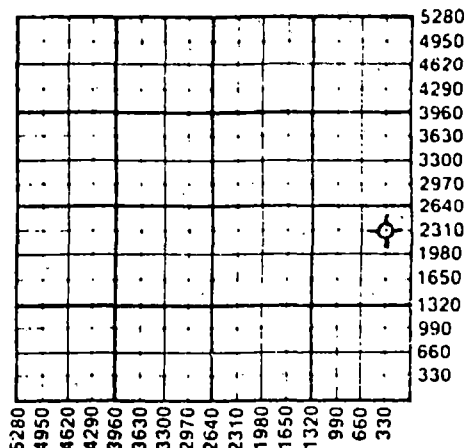
Lease Name Voth-Walker Well # 1

Field Name Crawford

Producing Formation

Elevation: Ground 1685 KB 1690

Section Plat



CONFIDENTIAL

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

X Surface Water 75 Ft North from Southeast Corner
(Stream, pond etc.) 1580 Ft West from Southeast Corner
Sec 7 Twp 18 Rge 6 East X 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/Exploration Date 5-18-88

Subscribed and sworn to before me this 18th day of May 1988
Notary Public David T. Jervis

Date Commission Expires

DAVID T. JERVIS
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 8-4-88

K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
Distribution
 KCC SWD/Rep NGPA
 KGS Plug Other
(Specify)
RECEIVED
STATE CORPORATION COMMISSION
5-23-88

MAY 23 1988
CONSERVATION DIVISION
Wichita, Kansas

Sec 13 Twp 18 Rge 7

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 Dry Other (Core, Water Supply etc.)

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

WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable

5-9-88 5-15-88 5-16-88
Start Date Date Reached TD Completion Date
MIBT 3275
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 223 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/T/I D&A

API NO. 15-..... 159,22,227 + 00.00
County..... Rice
NE NE SE Sec. 13 Twp. 18 Rge. 7 East
..... West
2310 Ft North from Southeast Corner of Section
330 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

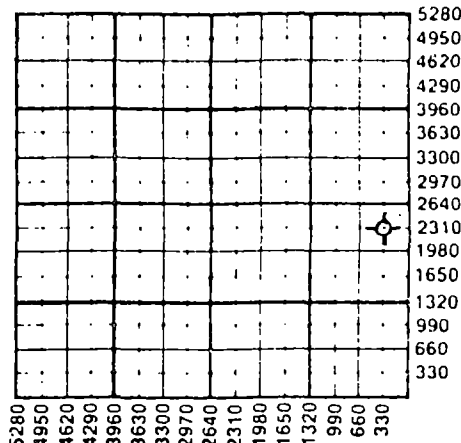
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STATE CORPORATION COMMISSION
5-23-88

CONSERVATION DIVISION
Wichita, Kansas

Sec 13 Twp 18 Rge 7 E

Sec. 13 Twp. 18S Rge. 17 East West County Rice

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	Formation Description <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample
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	
DST #1 - 3156'-3183', 30-30-60-60. Blow; strong. Rec: 90' gas in pipe + 105' oil & gas cut muddy water (16% mud, 18% oil, 32% gas, 34% water) + 60' oil cut muddy water (7% mud, 10% oil, 5% gas, 78% water) + 60' oil cut muddy water (7% mud, 3% oil, 90% water) + 120' water with oil scum (43,000ppm). IFP 62-125. ISIP 541. FFP 145-208. FSIP 551. T. 111°F.	Heebner	2573'	DATUM (-883')
	Brown Limestone	2691'	(-1001')
	Lansing	2738'	(-1048')
	Base Kansas City	3098'	(-1408')
	Cherokee	3157'	(-1467')
	1st Conglomerate	3175'	(-1485')
	2nd Conglomerate	3192'	(-1502')
	Kinderhook	3200'	(-1510')
	Misener	3266'	(-1576')
DST #2 - 3183'-3203', 30-30-30-30. No blow. Rec: 10' mud; no pressures.	RTD	3275'	(-1585')
	LTD	3275'	(-1585')
DST #3 - 3183'-3203', 30-30-30-30. Blow; died in 35 minutes. Tool opened prior to reaching bottom. Rec: 290' mud. IFP 187-177. ISIP 551. FFP 177-177. FSIP 500.			

CONFIDENTIAL

CASING RECORD <input type="checkbox"/> New <input 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	223	Common	150	3% CaCl
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing Method <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				

RELEASED
CFPB
JUN 12 1989

METHOD OF COMPLETION

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