

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 # KCC #9758 & KCC #9795
name Western range Oil Corporation
address 165 S. Union Blvd, Suite 380
Lakewood, Co. 80228
City State Zip

Operator Contact Person Tom Heathman
Phone (303) 989-5656

Contractor: license # 5418
name Allen Drilling Company

Wellsite Geologist Tom Heathman
Phone (303) 989-5656

PURCHASER Mobil Oil Corporation

Designate Type of Completion
 New Well Re-Entry Workover

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

II OWWO: Old well info as follows:
Operator
Well name
Comp. Date
Old Total Depth

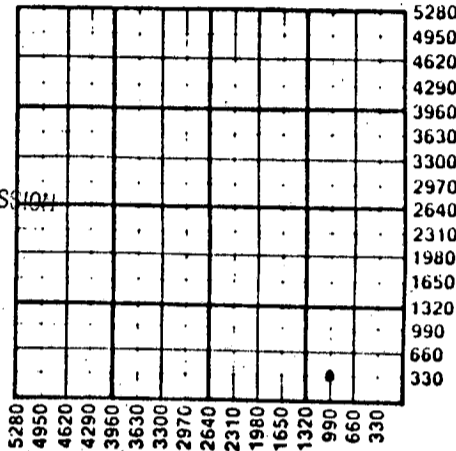
WELL HISTORY

Drilling Method Mud Rotary Air Rotary Cable
11-07-84 11-16-84 1-2-85
11-7-84
Spud Date Date Reached TD Completion Date
4510 4510 4025
Total Depth PBD
Amount of surface Pipe Set and Cemented at 260 feet
Multiple Stage Cementing Collar Used? Yes No
If Yes, Show Depth Set 2312' feet
If alternate completion, cement circulated from 2312 feet depth to 60' w/ 550 SX cmt

API NO. 15 065-22,089 -00-00
County Graham
SW SE SE Sec. 31 Twp. 10 Rge. 24 X
330 Ft North from Southeast Corner of Sec
990 Ft West from Southeast Corner of Sec
(Note: locate well in section plat below)

Lease Name Hobbs Well# 1-31
Field Name Struss
Producing Formation Lansing-Kansas City
Elevation: Ground 2437 KB 2442

Section Plat



RECEIVED
STATE CORPORATION COMMISSION
APR 08 1985
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit #
 Groundwater (Well) Ft North From Southeast Corner
Ft West From Southeast Corner
Sec Twp Rge East West
 Surface Water (Stream, Pond etc.) Ft North From Southeast Corner
Ft West From Southeast Corner
Sec Twp Rge East West
 Other (explain) (purchased from city, R.W.D.#)

Disposition of Produced Water: Disposal Repressuring
Chief Drilling Schaus disposal
Docket #

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rules 82-3-130 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 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
Title Date

Subscribed and sworn to before me this day of 19

Notary Public
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)

Operator Name **Western Range Oil Corp.** Lease Name **Hobbs** Well# **1-31 SEC. 31 TWP. 10 RGE. 24** East West

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	Bottom
Anhydrite	2066'	2104'
Heebner Sh	3745'	3748'
Lansing	3782'	
C Limestone	3820'	3854'
E Limestone	3869'	3879'
J Limestone	3971'	3984'
Stark Sh	3984'	3987'
Base Kansas City	4030'	
Ft. Scott Limestone	4220'	4238'
Mississippian	4334'	4411'
Arbuckle	4456'	
LTD	4508'	

DST #1 - 3782' - 3840'
 Times: 15:30:60:60
 rec: 1490' GIP, 680' CGO (30% gas), 375' OCM
 HP 1958 - 1919 FP 109-168, 218-436
 SIP 1066-978 BHT 108°
 (ISIP not static; FSIP static press)

DST #2 - 3860' - 3882'
 Times: 15:30:80:60
 rec: 2' CO, 62' OCM
 HP 1978-1939 FP 29-29, 39-49
 SIP 1007-968 BHT 108°
 (SIP's not static)

DST #3 - 3923' - 3957'
 Times: 15:30:90:90
 rec: 40' OCM (3% oil)
 HP 1988-1958 FP 29-29, 29-29
 SIP 958-287 BHT 109°
 (SIP's not static)

DST #4 - 4222' - 4230'
 Times: 15:30:30:30
 Misrun - plugged tool BHT 112°

DST #5 - 4239' - 4314'
 Times: 15:60:90:90
 rec: 170' watery mud (20% wtr)
 HP 2122-2092 FP 89-89, 99-139
 SIP 1149-1009 BHT 114°

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 1/4"	8 5/8"	24#	260'	60/40 poz.	175	2% gel 3% CC
Production	7 7/8"	5 1/2"	14#	4474'	Sure fill Mud flush	200 500 gal	6% cal seal, 4% gel, 75% CC
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
shots per foot	specify footage of each interval perforated			(amount and kind of material used)			Depth
4	4229' - 4232'			500 gal. 15% HCl. MA + 1250 gas stab. gelled acid w/ clay stabilizer			CIBP@4025'
4	3972' - 3976'			500 gal. 15% MA + 2000 gal. 15% SGA w/ CIA - STA. 2900 gal.			
4	3820' - 3824 1/2'			SGA w/ CLA - STA			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Producing method					
1/3/85		<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	Gas	Water	Gas-Oil Ratio		Gravity	
	107 Bbls	-0- MCF	35 Bbls	CFPB			

Disposition of gas: vented sold used on lease

METHOD OF COMPLETION open hole perforation other (specify)

PRODUCTION INTERVAL
 3972' - 3976'
 3820' - 3824 1/2'

Dually Completed.