

31-10-24W

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
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWWO: old well info as follows:
Operator
Well Name
Completion Date Old Total Depth

WELL HISTORY

Drilling Method Mud Rotary Air Rotary Cable
1-7-84 11-16-84 1-2-85
Spud Date Date Reached TD Completion Date

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 - 665-22,089
County Graham
SW SE SE Sec. 31 Twp. 10 Rge. 24 W

330 Ft North from Southeast Corner of
990 Ft West from Southeast Corner of
(Note: locate well in section plat below)

Lease Name Hobbs Well# 1-31

Field Name Struss

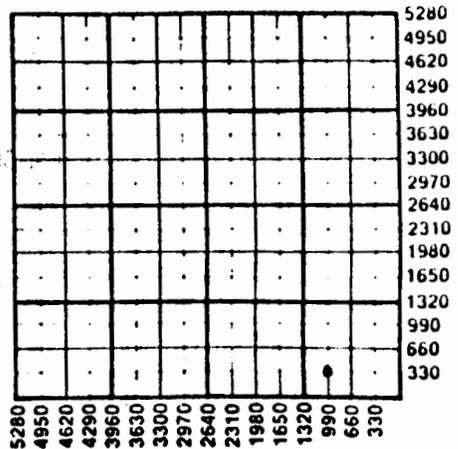
Producing Formation Lansing-Kansas City

Location: Ground 2437 KB 2442

APR 18
State Geologist
WICHITA BRANCH

MAR 25 1985
CONSERVATION DIVISION
Wichita, Kansas

Section Plat



WATER SUPPLY INFORMATION

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

Disposition of Produced Water: Disposal Repressuring
Chief Drilling Schaus disposal Repressuring
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 for confidentiality in excess of 12 months.

One copy of all wireline logs and driller's time log shall be attached with this form.

79206
31-10-34W

Operator Name: Western Range Oil Corp.	Lease Name: Hobbs	Well # 1-3 loc 31	Area 10	Gravity
Oil	Gas	Water	Gas-Oil Ratio	
Estimated Production Per 24 hours	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'

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

3820' - 3824 1/2'
 Formation Description: Log Sample

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°

Name	Top	Bot
Anhydrite	2066'	21
Heebner Sh	3745'	37
Lansing	3782'	
C Limestone	3820'	38
E Limestone	3869'	
J Limestone	3971'	
Stark Sh	3984'	39
Base Kansas City	4030'	
Ft. Scott Limestone	4220'	42
Mississippian	4334'	
Arbuckle	4456'	
LTD	4508'	

APR 18 1985
 State Geological Survey
 WICHITA BRANCH

TUBING RECORD size 2 3/8" set at 4018' packer at -- Liner Run Yes No

Date of First Production 1/3/85 Producing method flowing pumping gas lift Other (explain) _____

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%
Production	7.7/8"	5.1/2"	14#	4474'	Sure fill Mud flush	200 500 gal	6% cal sea 4% gel

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 gal. stab. gelled acid w/ clay stabilizer	CIBP@40
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	