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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 # 5146  
name Rains & Williamson Oil Co., Inc.  
address 435 Page Court, 220 W. Douglas  
Wichita, KS 67202  
City/State/Zip

Operator Contact Person Juanita Green  
Phone 265-9686

Contractor: license # 5146  
name Rains & Williamson Oil Co., Inc.

Well Site Geologist Dave Callewaert  
Phone (316) 265-9686

PURCHASER Clear Creek, Inc.

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  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  Mud Rotary  Air Rotary  Cable  
8-30-84 9-10-84 10-28-84  
Spud Date Date Reached TD Completion Date

Total Depth PBD

Amount of Surface Pipe Set and Cemented at 390' feet

Mud 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

API NO. 15- 047-21,204

County Edwards

100' W of N/2 NW SE (location) Sec. 13 Twp. 25S Rge. 19 East West

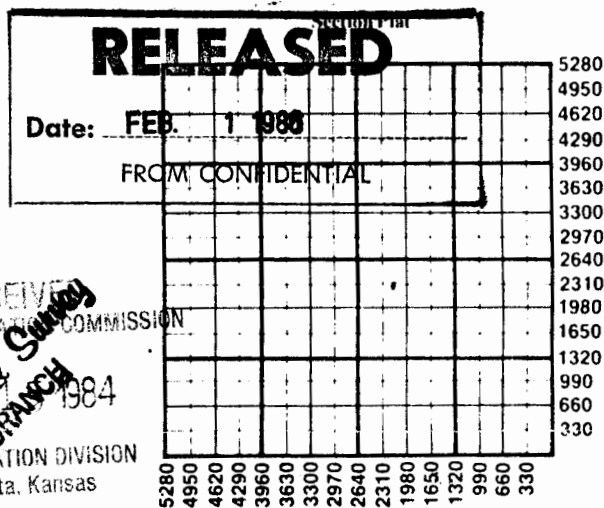
2310 Ft North from Southeast Corner of Section  
.2080 Ft West from Southeast Corner of Section  
(Note: locate well in section plat below)

Lease Name Lobo Cattle Co. "A" Well# 1

Field Name Lobo

Producing Formation Cherokee Sand

Elevation: Ground 2196 KB 2205



WATER SUPPLY INFORMATION

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

Disposition of Produced Water:  Disposal  Repressuring  
Docket # CD-68211, (C-20,983)

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.

**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	1324	(+881)
B/Anhydrite	1337	(+868)
Heebner	3955	(-1750)
Brown Lime	4075	(-1870)
Lansing	4085	(-1880)
BKC	4458	(-2253)
Marmaton	4469	(-2264)
Cherokee Sh.	4584	(-2379)
Cherokee Sd.	4615	(-2410)
Miss.	4650	(-2445)
LTD	4697	(-2492)

DST #1 - 4611-4628, 30 (45) 60 (60).  
 Rec. 30' GM, 60' O&GCM, 60' G&MCO.  
 FP's 50-60, 60-71. IBHP 1115, FBHP 1025.

DST #2 - 4629-4648, 30 (30) 30 (30).  
 Rec. 300' mud. FP's 203-203, 203-203.  
 IBHP 304, FBHP 223.

DST #3 - 4655-4665, 30 (30) 60 (60).  
 Rec. 30' mud, 300' SW. FP's 71-121,  
 162-182. IBHP 1323, FBHP 1313.

<b>TUBING RECORD</b> size 2 1/2" set at 4626' packer at none		Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First Production 10-28-84	Producing method <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
	21 Bbls	MCF	8 Bbls
			Gas-Oil Ratio CFPB
			Gravity

**METHOD OF COMPLETION**  
 Disposition of gas:  vented  sold  used on lease  
 open hole  perforation  other (specify) \_\_\_\_\_  
 Dually Completed.  Commingled

**PRODUCTION INTERVAL**  
 4617' - 4623'

<b>CASING RECORD</b> <input checked="" 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 1/4"	8 5/8"	24#	390'	Common	260 sx.	2% gel, 3% cc.
Production	7 7/8"	5 1/2"	14#	4697'	EA2	150 sx.	18% salt, 10% gilsonite, 75% CFR2.

<b>PERFORATION RECORD</b>		<b>Acid, Fracture, Shot, Cement Squeeze Record</b>	
shots per foot	specify footage of each interval perforated	(amount and kind of material used)	Depth
2	4617' - 4623'	250 gallons MCA, 1000 gallons 7 1/2% acid, 15,000# of 20-40 Sand & 20,000 gallons form frac.	

9/10/84  
KCC  
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DRILLER'S LOG

COMPANY: Rains & Williamson Oil Co., Inc. X  
SEC. 13 T. 25S R. 19W  
WELL NAME: Lobo Cattle Co. "A" #1  
LOC. 100' W of N/2 NW SE  
RIG NO. #2  
COUNTY: Edwards

TOTAL DEPTH 4700' ELEVATION 2196 GL 2205 KB

COMMENCED: 8-30-84 COMPLETED: 9-10-84

**RELEASED**

CONTRACTOR: Rains & Williamson Oil Co., Inc.

Date: JAN 1 1986

FROM CONFIDENTIAL

CASING RECORD:

SURFACE: 8 5/8" @ 390' w/260 sx. common, 2% gel, 3% cc.

PRODUCTION: 5 1/2" @ 4697' w/150 sx. EA2, 18% salt, 10# gilsonite, 75% CFR2.

LOG

(Figures Indicate Bottom of Formations)

JAN 21 1986  
State Geological Survey  
WICHITA BRANCH

Clay, Sand & Shale	397
Shale	495
Sand	691
Redbed, Sand & Shale	1330
Shale	2200
Lime & Shale	2448
Shale & Lime	2900
Lime & Shale	3121
Shale & Lime	3490
Lime & Shale	3720
Shale & Lime	4050
Lime & Shale	4628
Lime	4700
ROTARY TOTAL DEPTH	4700

RECEIVED  
STATE GEOLOGICAL COMMISSION

OCT 05 1984

CONSERVATION DIVISION  
Wichita, Kansas

STATE OF Kansas )  
COUNTY OF Sedgwick )

SS: