

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 # 5900
Name Lawbanco Drilling, Inc.
Address Box 289
City/State/Zip Natoma, Kansas 67651

Purchaser

Operator Contact Person Pam Ruggles
Phone 913-885-4676

Contractor: License # 5302
Name Red Tiger Drilling Company

Wellsite Geologist John I. James
Phone 316-262-7938

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

12/28/85 1/3/86 1-16-86
Spud Date Date Reached TD Completion Date
3,465' 990'
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 240.55 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set. feet
If alternate 2 completion, cement circulated from 1055 feet depth to surface 325 w/ SX cmt

API NO. 15-141-20,223-00-06
County Osborne
100' S and 100' W of C
NE/4 NE/4 NE/4 Sec. 17 Twp. 10S Rge. 15W East West

4850 Ft North from Southeast Corner of Section
430 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

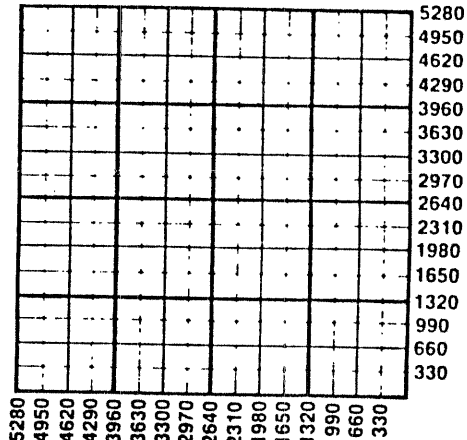
Lease Name Ruggels Well # 2

Field Name

Producing Formation SWD

Elevation: Ground 1851 KB 1856

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Pending
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 #

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

Surface Water. 2400 Ft North from Southeast Corner (Stream, pond etc) 3300 Ft West from Southeast Corner Sec 23 Twp 10S Rge 15 East West

Paul Ruggels, Natoma, Ks. 67651
 Other (explain)
(purchased from city, R.W.D. #)

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. Rule 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 Paul E. Ruggels
Title President Date 1-17-86

Subscribed and sworn to before me this 17 day of January 1986
Notary Public Reva F. Musgrove
Date Commission Expires 3-28-88

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

REVA F. MUSGROVE
State of Kansas
My Appt. Exp. 3-28-88

STATE CORPORATION COMMISSION Form ACO-1 (7-84)

JAN 21 1986
1-21-86
CONSERVATION DIVISION

Sec. 15W Rge. 10S Twp. 10

Operator Name Lawbanco Drilling, Inc. Lease Name Ruggels Well # 2

Sec. 17 Twp. 10S Rge. 15W East West County Osborne

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
0-195 Post Rock -Shale	Anhydrite	1048	1082
195-478 Shale	Topeka	2782	
478-573 Sand	Heebner	3022	
573-1051 Shale	Toranto	3044	
1051-1085 Anhydrite	Lansing	3074	
1085-1510 Shale	Base KC	3334	
1510-2515 Shale and Lime	Conglomerate	3437	
2515-3085 Shale and Lime			
3085-3305 Lime			
3305-3465 RTD			

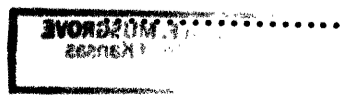
DST-see attached page

CASING RECORD <input checked="" 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"	20#	247'	60/40 Poz	155	2% Gel 3% CC
Production	7 7/8"	5 1/2"	15.5#	1,055'	50/50 Poz	375	5% 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
	10 Shots 720 to 730						
	10 Shots 675 to 685						
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
	Size 2 1/2"	Set At	Packer at 625'				
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	CFPB			

METHOD OF COMPLETION

Production Interval

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



913-885-4676

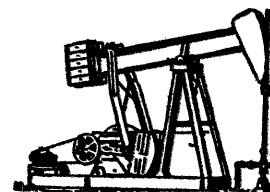
913-885-4673

Lawbanco Drilling, Inc.

Lease Operations

P. O. BOX 289

NATOMA, KAN. 67651



Re: Ruggels # 2
Drill Stem Tests

DST # 1 3090-3114
30-45-30-45
Recovered 45' mud with oil spots
IFP 57-50
ISI 681
FFP 50-57
FSI 333

DST # 2 3410-50
30-45-60-45
Recovered 900' salt water with spots of oil
IFP 101-166
ISI 681
FFP 268-449
FSI 681