

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 # 6029
Name Ladd Petroleum Corporation
Address 370 17th St., Suite 1700
City/State/Zip Denver, CO 80202-5617

Purchaser Diamond Shamrock

Operator Contact Person Michael A. Tornes
Phone 303-620-0381

Contractor: License # 4813
Name Mustang Drilling Co.

Wellsite Geologist None
Phone

Designate Type of Completion

New Well Re-Entry Workover
 Oil SWD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWO: old well info as follows:

Operator
Well Name
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:

Mid Rotary Air Rotary Cable

4-7-86 4-15-86 4-16-86
Spud Date Date Reached TD Completion Date

5080 Surface
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 1480 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 Dowell
Invoice # 03-12-8681

API No. 15- 129-20,800-00-00
County Morton
..... NW SE 8 33S 41 East
..... Sec. Twp. Rge. West

1980 Ft North from Southeast Corner of Section
1980 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

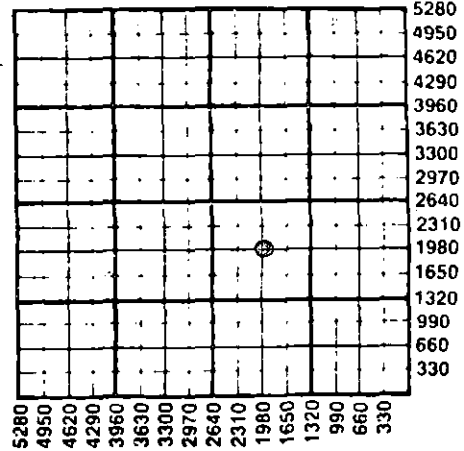
Lease Name Berryman Richfield Well # 23-1

Field Name Berryman Richfield

Producing Formation Morrow

Elevation: Ground 3408 KB 3418

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # 106,056 C 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 Ft North from Southeast Corner
(Stream, pond etc) Ft West from Southeast Corner
Sec Twp Rge East West

Other (explain) Purchased from land owner
(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 Michael A. Tornes

Title Drilling Engineer Date 5/14/86

Subscribed and sworn to before me this 14th day of May 1986

Notary Public [Signature]

Date Commission Expires My Commission expires December 27, 1989

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
 KCS Plug Other
(Specify)

RECEIVED
STATE CORPORATION COMMISSION
MAY 16 1986
CONSERVATION DIVISION
Wichita, Kansas

Sec. 8 Twp. 33S Rge. 41W

SIDE TWO

Operator Name Ladd Petroleum Corporation Lease Name Berryman Richfield Well # 23-1

Sec. 8 Twp. 33S Rge. 41 East West County Morton

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

DST #1 4961-5000 (Morrow)
 Times 10-20-60-120
 Recovery 300' muddy salt water
 BHT 150°F
 IHP 2493 IFP 121-160 ISIP 1638
 FHP 2449 FFP 187-187 FSIP 1704

Formation Description
 Log Sample

Name	Top	Bottom
Anhydrite		1490
Herrington	2186	
Krider	2226	
Council Grove	2454	
Admire	2698	
Waubaunsee	2886	
Topeka	3135	
Hebner	3541	
Toronto	3558	
Marmaton	4260	
Cherokee	4450	
Morrow	4873	
Morrow Sand	4987	
TD	5080	

CASING RECORD <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	1480	Lite A	500 200	2% CaCl ₂ + 1/8 #/sx D-130 2% CaCl ₂
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)		Depth	
N/A				N/A			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date of First Production		Set At		Packer at		N/A	
N/A		N/A		N/A		N/A	
Producing Method <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (explain).....							
N/A							
Estimated Production Per 24 Hours		Oil	Gas	Water	Gas-Oil Ratio	Gravity	
N/A		N/A					
		Bbls	MCF	Bbls	CFPB		

METHOD OF COMPLETION

Production Interval

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

