

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 # 5088  
Name John Jay Darrah, Jr.  
Address 405 Century Plaza Building  
City/State/Zip Wichita, Kansas 67202

Purchaser Koch Oil Company

Operator Contact Person Dorene K. Dunn  
Phone 316/263-2243

Contractor: License # 5651  
Name Mallard Drilling Co., Inc.

Wellsite Geologist Beth A. Fuhr  
Phone 316/263/2243

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  
5/13/84 5/23/84 9/27/84  
Spud Date Date Reached TD Completion Date  
3970  
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 403 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

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 John Jay Darrah, Jr.  
Title Operator Date 12/19/84

Subscribed and sworn to before me this 19th day of December 1984.  
Notary Public Dorene K. Dunn  
Date Commission Expires 10-13-85



API NO. 15-151, 21, 433-50-50  
County Pratt  
S/2 SW SW Sec. 22 Twp. 27S Rge. 11 East West

660 Ft North from Southeast Corner of Section  
4620 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

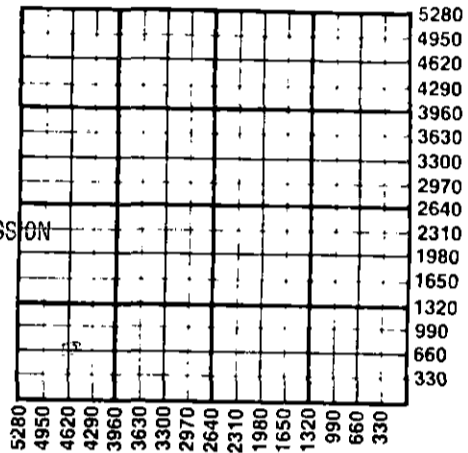
Lease Name Preisser Well # 1

Field Name

Producing Formation Lansing/Kansas City

Elevation: Ground 1772 KB 1780

Section Plat



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WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  Repressuring  
Docket #

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717

Source of Water:  
Division of Water Resources Permit #

Groundwater 1320 Ft North from Southeast Corner (Well) 3960 Ft West from Southeast Corner of Sec 22 Twp 27 Rge 11 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 city, R.W.D. #)

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)

Sec 27 Twp 27 Rge 11W

Operator Name ..... John Jay Darrah, Jr. ..... Lease Name..... Preisser ..... Well #..... 1

Sec. 22 ..... Twp. 27S ..... Rge. 11W .....  East  West ..... County..... Pratt .....

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

See attached sheet for DST & Core information

Name	Top	Bottom
Heebner	3411	3427
Toronto	3427	3442
Douglas	3442	3590
Brown Lime	3590	3604
Lansing	3604	3648
Stanton Limestone	3648	3661
Iola Limestone	3738	3742
Drum Limestone	3780	3833
Stark Shale	3877	3910
Hushpuckney Shale	3910	3921

CASING RECORD <input 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 (new)		10-3/4"		403	60/40	575	3% CaCl 2% gel
Production (new & used)		4-7/8"	10.5	3968	Class A	150	2% gel 10% salt
Surface (new)		8-3/8"		720	65/35 Class A	100	6% gel Gilsonite/Cellophane

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 total	3912-3918		

TUBING RECORD	Size	Set At	Packer at	Liner Run	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	2-3/8	3820	3820		

Date of First Production	Producing Method
98/23/84	<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 Bbls	Gas casinghead gas - runs motor MCF	Water 40 Bbls	Gas-Oil Ratio CFPB	Gravity
	15				

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  Sold  Other (Specify) ..... Swope 3881-3892.5  Used on Lease  Dually Completed  Commingled .....

ATTACHEMENT TO ACO-1 WELL HISTORY

Operator: John Jay Darrah, Jr.

Lease Name: Preisser

Well #1

Sec 22-27S-11W

County: Pratt

DRILL STEM TEST #1 3611-3661

Open 30 minutes, closed 45 minutes, open 30 minutes, closed 45 minutes.

1st Open: Fair to strong blow in 6 minutes.

2nd Open: Strong blow off bottom in 2 minutes.

Recovered: 300' Gas In Pipe

60' Gassy Oil Cut Mud, 5% oil, 40% gas, 5% water, 50% mud.

180' Gassy Heavy Oil Cut Mud, 30% oil, 50% gas, 5% water, 15% mud.

60' Gassy Mud Cut Oil, 45% oil, 30% gas, 15% water, 10% mud.

IFP	83#-83#	ISIP	883#
FFP	135#-135#	FSIP	862#
HYD	1821#-1800#	Temp	118°

DEPTH	NEUTRON POROSITY	RESISTIVITY	SW
3651 (-1871)	10	8	100
3653 (-1873)	9	10	100
3655 (-1875)	9	11	100

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- |                      |   |
|----------------------|---|
| <u>Core #1</u>       | <u>Drum Limestone</u>   |
| <u>3780-3780.5</u>   | Black shale.  |
| <u>3780.5-3784.6</u> | Gray-tan, very dense limestone with thin shale partings and inclusions, very fossiliferous.   |
| <u>3784.6-3785.8</u> | Black, fissil shale.  |
| <u>3785.8-3787.7</u> | Gray-brown limestone with shale inclusions.   |
| <u>3787.7-3788.7</u> | Black shale.  |
| <u>3788.7-3789.6</u> | Gray-brown limestone, very dense, slightly fossiliferous, shale partings.   |
| <u>3789.6-3792.7</u> | Gray-tan, oolitic limestone, fair oolmoldic porosity with small vugs, slightly fossiliferous with shells and fragments. Bleeding oil and gas. 75-85% of section appears stained, some barren. |
| <u>3792.7-3796.5</u> | Gray-brown, very dense limestone with shale with shale laminations, scattered fossils, no visible porosity. Sharp contact between this limestone and oolitic section above.                   |

- |                      |   |
|----------------------|---|
| <u>Core #2</u>       | <u>Swope Section 3881-3892.5</u>  |
| <u>3881-3887</u>     | Gray-brown limestone, oolitic and very fossiliferous at top and slightly more dense. Good visible oolmoldic and weathered porosity from 3882-3886. Slightly bleeding oil and gas bubbles throughout. Appears thoroughly stained. Some fossilcasts with recrystallized calcite. Shale partings towards base and slightly more dense. |
| <u>3887-3891.4</u>   | Tan, dense limestone with numerous thin shale partings (1/4" thick) and chert nodules (2-2 1/2" diameter), rare visible fossils, no fossils, no oil.  |
| <u>3891.4-3892.3</u> | Tannish-brown, dense, very finely crystalline limestone with shale partings, fairly fossiliferous, visible fractures.   |

DEPTH	NEUTRON POROSITY	RESISTIVITY	SW
3881	20	12	34
3883	25	11	30
3885	18	10	40
3887	10	7	80
3889	9	6	90

D R I L L E R S   L O G

COMPANY: John Jay Darrah, Jr.  
 CONTRACTOR: MALLARD DRILLING CO., INC.  
 405 CENTURY PLAZA BLDG.  
 WICHITA, KANSAS 67202

WELL NAME: #1 Preisser  
 DESCRIPTION:  
 C S/2 SW SW 22-27S-11W

RIG NO.: 1  
 TOTAL DEPTH: 3970'  
 COMMENCED: May 13, 1984  
 CASING RECORD:

COUNTY: Pratt  
 ELEVATION: 1772 GL  
 COMPLETED: May 23, 1984

Surface: 10 jts. 10 3/4" surface and 18 jts. new 8 5/8" surface for intermediate string.  
 Production: 97 jts new and used 4 1/2" casing

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Surface soil, sand	0	1513	Ran 10 jts. 10 3/4" surface pipe set @ 403'. Cement w/ 400 sx. 60/40 pozmix, 3% CaCl, 2% gel. Plug down @ 4:05 a.m. May 14, 1984. Cement 40' from top. Cement w/ additional 175 sx. 60/40 pozmix, 2% CaCl, 2% gel. Plug down @ 6:30 a.m. May 14, 1984.
Shale w/ lime	1513	3661	
Lime w/ shale	3661	3970	
			Ran 18 jts. new 8 5/8"x23# surface pipe set @ 720' w/ landing joints. Cement w/ 100 sx. 65/35 6% gel, 10# Gilsonite/sx. 1/4# Cellophene/sx. Follow with 150 sx. Class A 5# Gilsonite/sx. 1/4# Cellophene/sx. Plug down @ 6:30 a.m. May 16, 1984. Buie Co.
			Ran 1 Drill Stem Test
			Cored two intervals, one from 3780-3796' and the other from 3881-3892.5.
			Ran 97 jts new and used 4 1/2"x10.5# casing set @ 3968'. Cement w/ 10 BBLs chemical flush, 40 BBL salt flush and 150 sx. Class A 2% gel, 10% salt. Plug down @ 9:10 a.m. May 23, 1984. Buie Co.
			Ran 1 RA Guard Log- Great Guns.

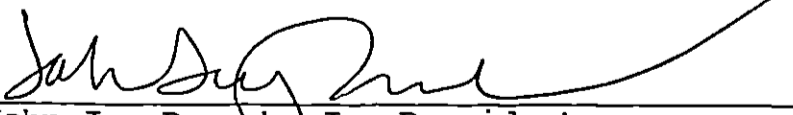
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STATE OF KANSAS            )  
                                   ) SS.  
 COUNTY OF SEDGWICK        )

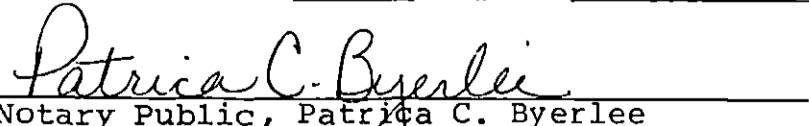
I, JOHN JAY DARRAH, JR. of MALLARD DRILLING CO., INC., certify that this a true and correct copy of the log of the #1 PREISSER well, to the best of my knowledge.

  
 John Jay Darrah, Jr. President

Subscribed and sworn to before me this 4th day of June,

1984.

My commission expires:  
 December 11, 1985

  
 Notary Public, Patricia C. Byerlee