

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 # 6771  
Name Ozark Enterprises  
Address Box 128  
City/State/Zip Gainesville, Missouri 65655

Purchaser Permain  
Operator Contact Person Steve Morrison  
Phone 417-679-3550

Contractor: License # 5302  
Name Red Tiger Drilling Company

Wellsite Geologist Robert Elder  
Phone Hays, Ks

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

12/17/85 12/22/85 1-6-86  
Spud Date Date Reached TD Completion Date  
3,640'  
Total Depth PBDT

Amount of Surface Pipe Set and Cemented at 201.59 feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set 1670 feet  
If alternate 2 completion, cement circulated from feet depth to w/SX cmt

API NO. 15-147-20,493-00-00  
County Phillips  
NE/4 SE/4 SW/4 Sec. 22 Twp. 5S Rge. 20W  East  West

990 Ft North from Southeast Corner of Section  
2970 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

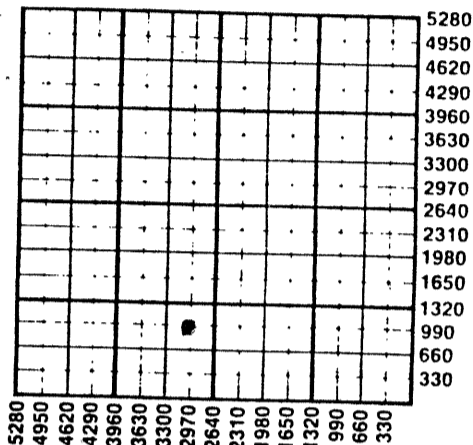
Lease Name Demuth Well # 4

Field Name Hansen-Ray

Producing Formation Arbuckle

Elevation: Ground 2183 KB 2188

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water:  Disposal  Repressuring  
Docket # D21-787

Questions on this portion of the ACO-1 call:

Water Resources Board (913) 296-3711

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 2500 Ft North from Southeast Corner (Stream, pond etc) 4800 Ft West from Southeast Corner Sec 22 Twp 5S Rge 20  East  West  
John Demuth, Logan, Ks. 67646  
 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 Stephen S. Morrison

Title Operator Date 3-10-86

Subscribed and sworn to before me this 10 day of March 1986

Notary Public Carolyn S. Morrison

Date Commission Expires December 21, 1987

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)

Form ACO-1 (7-84)



STATE CORPORATION COMMISSION

03-14-1986  
MAR 14 1986

CONSERVATION DIVISION  
Wichita, Kansas

Sec. 19  
Twp. 5  
Rge. 20W

SIDE TWO

Operator Name Ozark Enterprises Lease Name Demuth Well # 4

Sec. 22 Twp. 5S Rge. 20W  East  West County Phillips

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

DST # 1 (3272-3352) 30-45-30-45 Rec. 240' muddy salt water IFP: 49-98 FFP: 98-137 SIP: 334-330 PSI Temp: 96 Degrees  
 DST # 2 (3442-3507) 30-30-00-00 Rec: 15' mud w/oil spots IFP: 74-85 ISIP 594 temp N/A  
 DST # 3 (3575-3593) 30-45-30-45 Rec: 15' oil cut mud w/1 1/2' free oil IFP: 45-45 FFP 45-45 SIP 91-57 PSI temp N/A  
 DST # 4 (3575-3610) 30-30-30-30 Rec: 60' clean oil 270 oil cut mud, 120 oil cut muddy water. IFP: 91-147 FFP: 192-215 PSI SIP: 1057-1034 PSI Temp/ N/A

Name	Top	Bottom
Anhydrite	1680	
Topeka	3074	
Heebner	3271	
Toronto	3295	
Lansing	3311	
BKC	3514	
Arbuckle	3590	
RTD	3638	

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"	20#	212.59'	Common	160	2% Gel 3%CC
Production	7 7/8"	5 1/2"	15.5#	3,639'	Surefill	100	
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	3600-3602 1/2			200 gal MCA 15% acid			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Size 2 7/8		Set At 3610		Packer at none			
Date of First Production		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 Bbls	Gas MCF	Water Bbls	Gas-Oil Ratio	Gravity	
23				330		30	

METHOD OF COMPLETION

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

Production Interval  
 ..... 3600 .....  
 ..... 3602 1/2 .....