

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 # 9886  
Name Bracken Exploration Company  
Address 5101 N. Classen Blvd.  
Suite 600  
City/State/Zip Oklahoma City, OK 73118

Purchaser WOPL

Operator Contact Person C. Michael Ming  
Phone (405) 840-5541

Contractor: License # 6333  
Name Damac Drilling

Wellsite Geologist Bill Heffron  
Phone (405) 840-5541

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

If ONWO: old well. Info as follows:  
Operator NA  
Well Name  
Comp. Date Old Total Depth

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable  
11-28-84 12-6-84 1-13-85  
Spud Date Date Reached TD Completion Date  
4600' 4555'  
Total Depth PBTD  
Amount of Surface Pipe Set and Cemented at 1508 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

API NO. 15-119-20676-00-00

County Meade  
C SW SW Sec 24 Twp 34S Rge 29  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)

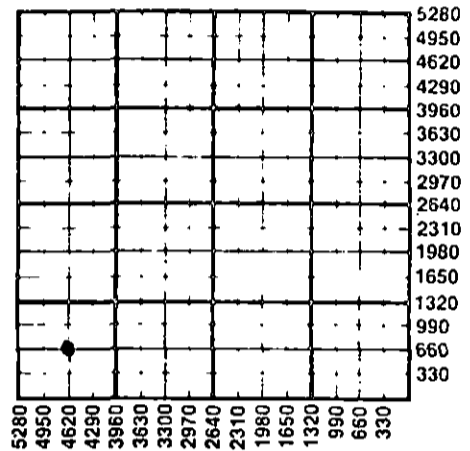
Lease Name Merkle Well # 1-24

Field Name Horace

Producing Formation Toronto

Elevation: Ground 2498 KB 2507

Section Plat



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.....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 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 C. Michael Ming C. Michael Ming

Title Assistant Vice President - Operations Date 3/8/85

Subscribed and sworn to before me this 8th day of March 1985.

Notary Public Felde Hartlow

Date Commission Expires March 22, 1988

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 24 Twp 34S Rge 29W

SIDE TWO

Operator Name Bracken Exploration Company Lease Name Merkle Well # 1-24

Sec. 24 Twp. 34S Rge. 29  East  West County Meade

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
Council Grove	2970	3278
Heebner	4394	4436
Toronto	4446	4536
T.D.	4600'	

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#	1508	Howco Lite	600	2% CaCl
Production	7-7/8"	4-1/2"	10.5#	4599	Class H Thick Set	150 390	3% CaCl
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	4448-4463'			1500 gal DS30 15% HCL			
4	3154-3173'			1900 gal 15% DS30			
TUBING RECORD				Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production		Size	Set At	Packer at			
WOPL		2-3/8"	4382'	4382'			
Producing Method							
WOPL		<input checked="" 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		
	-0- Bbls	1700 MCF	-0- Bbls	NA CFPB	NA		

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Open Hole  Perforation  
 Sold  Other (Specify) ..... 4448-4463'  
 used on lease  Dually Completed .....  
 Commingled