

ORIGINAL

SIDE ONE

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 # 06854
Name BP Exploration Inc.
Address P.O. Box 4587
City/State/Zip Houston, TX 77210

Purchaser Mobil

Operator Contact Person Harvey J. Dupuy
Phone (713) 552-8836

Contractor: License # 5302
Name Red Tiger Drilling Company

Wellsite Geologist Bob Curtis
Phone (713) 552-8787

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

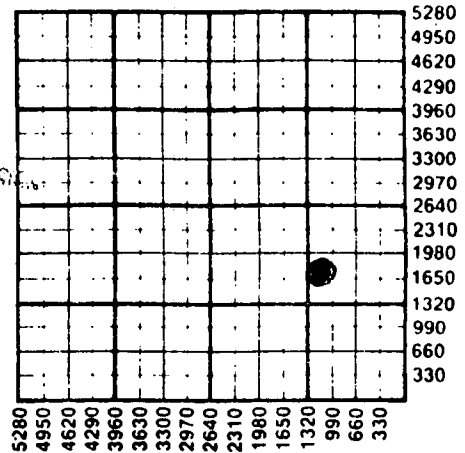
WELL HISTORY

Drilling Method:
 Mud Rotary Air Rotary Cable
12/16/88 12/23/88 3/8/89
Spud Date Date Reached TD Completion Date
3935' 3780'
Total Depth PBD
Amount of Surface Pipe Set and Cemented at 1267.94 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set feet
If alternate 2 completion, cement circulated from 1284.4 feet depth to surface 475.5x cmt
Cement Company Name Allied
Invoice # 53128

API No. 15-163-23-031-0000
County ROOKS
SW NE SE Sec 12 Twp 10S Rge 20W East West
1665 Ft North from Southeast Corner of Section
1215 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

Lease Name Earl Sutor Well # 10
Field Name Marcotte Pool
Producing Formation Arbuckle
Elevation: Ground 2227 KB 2237

Section Plat



6-28-89
JUN 28 1989
CONSERVATION DIVISION
Wichita, Kansas

WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal
Docket # CO 3831 Repressuring

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

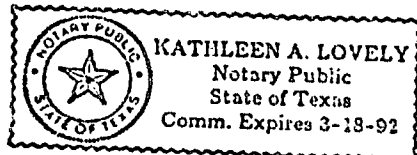
Source of Water:
Division of Water Resources Permit #
 Groundwater Ft North from Southeast Corner (Well) Ft West from Southeast Corner of Sec Twp Rge East West
 Surface Water 900 Ft North from Southeast Corner (Stream, pond etc) 3500 Ft West from Southeast Corner Sec 30 Twp 9S Rge 19 East West
Charles Stahl, Zuich, KS 67676
Other (explain)
(purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 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 Kathleen A. Lovely
Title Petroleum Eng'r. Sup'v. (East) Date 6-21-89

Subscribed and sworn to before me this 21st day of June 1989
Notary Public Kathleen A. Lovely
Date Commission Expires 3/18/92



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. 12 Twp. 10S Rge. 20W

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P1

SIDE TWO

Operator Name **BP Exploration Inc.** Lease Name **Earl Sutor** Well # **10**

Sec. **12** Twp. **10S** Rge. **20W** East West County **ROOKS**

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
Dual Induction Focussed Log		Gamma RAY
Anhydrite	1636	
Topeka	3216	
Heebner	3223	
Toronto	3444	
Lansing-Kansas City	3462	
Arbuckle	3737	

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#	1282'	Lite Common	300	2% CC
Production	7-7/8"	5-1/2"	14#	3933'	M-50	200	3% CC A+ Additives
PERFORATION RECORD				Acid, Fracture, Shot, Cement Squeeze Record			
Shots Per Foot	Specify Footage of Each Interval Perforated			(Amount and Kind of Material Used)			Depth
4SPF @ 120° PH	3812-22'			Spotted 85 x sx of cement			
	3767-73'			Bot @ 3840 Top @ 3560			
	3775-78'			Drilled out cement to 3780			
	3788-90'			& reperforated from 3767-73'			
	3782-86'						
TUBING RECORD				Liner Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
	Size 27 7/8"	Set At 3758'	Packer at 3700'				
Date of First Production		Producing Method					
3/10/89		<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	Gas	Water	Gas-Oil Ratio	Gravity	
15 Bbls		0 MCF	3094 Bbls	N/A	CFPB		

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation Sold Other (Specify) 3767 -73
 Used on Lease Dually Completed Commingled
 Arbuckle