

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 # 4655
Name BHP Petroleum (Americas), Inc.
Address 925 Patton Road
City/State/Zip Great Bend, Ks 67530

Purchaser Matador

Operator Contact Person Bill R. Wriston
Phone 316-792-2756

Contractor: License # 5302
Name Red Tiger Drilling Company

Wellsite Geologist Gary Shaffer
Phone 316-687-6754

Designate Type of Completion

New Well Re-Entry Workover

Oil SMD Temp Abd
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply etc.)

If OWWO: old well info as follows:

Operator Thunderbird Drilling, Inc.
Well Name Doebbeling "D" No. 1
Comp. Date 11-22-75 Old Total Depth 4475

WELL HISTORY

Drilling Method:

Mud Rotary Air Rotary Cable

8-15-86 8/15/86 10-8-86
Spud Date Date Reached TD Completion Date
4,675 4410'
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 408 feet
Multiple Stage Cementing Collar Used? Yes No
If yes, show depth set 1594 feet
If alternate 2 completion, cement circulated from 1594 feet depth to surface, 350 SX cmt

API NO. 15-135-21,106-10001

County Ness

SE/4 NW/4 Sec. 32 Twp. 20S Rge. 25W East West

3300 Ft North from Southeast Corner of Section
3300 Ft West from Southeast Corner of Section
(Note: Locate well in section plat below)

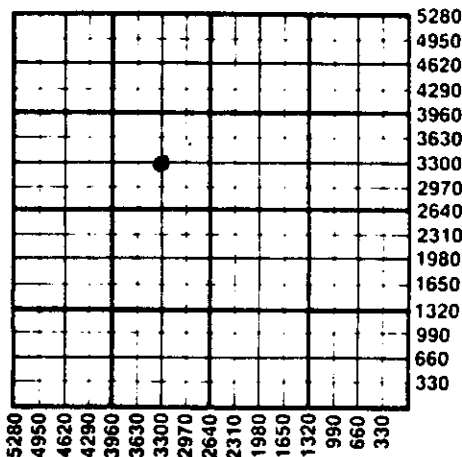
Lease Name Doebbeling Well # 2

Field Name McVicker Southeast

Producing Formation Mississippi

Elevation: Ground 2386 KB 2391

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: Disposal Repressuring
Docket # CD-28310
C-21762

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 Bill Wriston

Title Petroleum Engineer Date 10-17-86

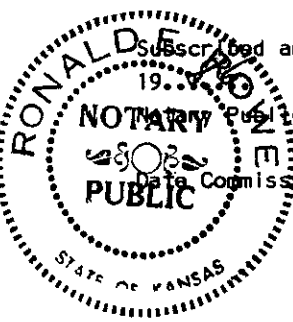
RWD 10-20-86

Subscribed and sworn to before me this 20th day of October 1986

Notary Public Ronald E. Howe

My Appt. Exp. Sept. 9, 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)



Sec 32 Twp 20S Rge 25W

SIDE TWO

Operator Name BHP Petroleum (Americas) Inc. Lease Name Doebbeling WD & DD Well # 2

Sec 32 Twp 20S Rge 25W East West County Ness

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
Mississippi	4363'	TD

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 Production	Re-entry 7 7/8"	8-5/8" 5 1/2"	14#	408' 4435.92'	EA2 Lite	275 150 350	1/4# Flocele

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 spf	4366-72'	4,300 gals ac.	

TUBING RECORD			
Size	Set At	Packer at	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
2"	4400	NA	

Date of First Production	Producing Method				
8-27-86	<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
	Bbls	MCF	Bbls	500	CFPB	37
	7	0	35			

METHOD OF COMPLETION

Production Interval

Disposition of gas: Vented Open Hole Perforation
 Sold Other (Specify) 4366-72'
 Used on Lease Dually Completed
 Commingled