

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

Operator Contact Person Bill Wriston
Phone (316) 792-2756

Contractor: license # 6033
name Murfin Drilling Co.

Wellsite Geologist Gary Shaffer
Phone (316) 522-2779
PURCHASER Matador

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

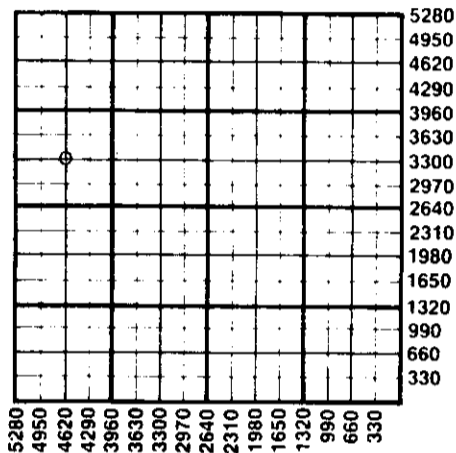
WELL HISTORY

Drilling Method: Mud Rotary Air Rotary Cable
12-27-85 1-4-86 1-20-86
Spud Date Date Reached TD Completion Date
4471 4421
Total Depth PBTD
Amount of Surface Pipe Set and Cemented at 601 feet
Multiple Stage Cementing Collar Used? Yes No
If Yes, Show Depth Set 1560 feet
If alternate 2 completion, cement circulated
from 1560 feet depth to surface w/ 350 SX cmt

API NO. 15 - 135-22,989 0000
County Ness
SW NW Sec 32 Twp 20S Rge 25 West
3300 Ft North from Southeast Corner of Section
4620 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

Lease Name Doebbeling Well# 1
Field Name New Field McVicker, SE
Producing Formation Mississippi
Elevation: Ground 2372 KB 2377

Section Plat



WATER SUPPLY INFORMATION

Source of Water:
Division of Water Resources Permit #
 Groundwater Ft North From Southeast Corner and
(Well) Ft. West From Southeast Corner of
Sec Twp Rge East West
 Surface Water Ft North From Southeast Corner and
(Stream/Pond/etc.) Ft West From Southeast Corner
Sec 12 Twp 21S Rge 26 East West
 Other (explain) Bill Clifton, Jetmore, KS.
(purchased from city, R.W.D.#)

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

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. Rules 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 2-19-86

Subscribed and sworn to before me this 24th day of February, 1986
Notary Public Donald E. Sawe
Date Commission Expires 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)

Form ACO-1 (7-84)
STATE CORPORATION COMMISSION

FEB 26 1986

CONSERVATION DIVISION

Sec 32 Twp 20S Rge 25W



Operator Name BHP P (A) Lease Name Doebbeling Well# 1 SEC 32 TWP. 20S RGE. 25 East West

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 4326-50 Cherokee Sd 30-60-60-120.
 Rec. 15' mud w/few specks of oil.
 IFP 31-31 ISIP 85 IHP 2214 FFP 31-31
 FSIP 53 FHP 2203

DST #2 Miss. Dolomite 4356-64' 30-60-60-120.
 Rec. 1220' GIP. 420' CGO & 60' OCMW.
 Oil Gravity 39. CL 14,000.
 IFP 42-85 ISIP 148 IHP 2214
 FFP 148-180 FSIP 1025 FHP 2203 T. 131°.

Name	Top	Bottom
Heebner	3676	3680
Toronto	3693	3703
Lansing	3720	4086
Marmaton	4114	4174
Pawnee	4174	4244
Fort Scott	4244	4265
Cherokee	4265	4349
Mississippi Lime	4349	4353
Mississippi Dolomite	4353	

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	601	50/50 poz	400 2g, 3cc, 1#/sx flocc	
Production DV	7-7/8	5-1/2	14	4467 1572	Portland lite	150 350	10 salt, 5 calseal 1 lb/sx flocc
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	4354-60'			620 gals. 15% MCA			
TUBING RECORD				Liner Run			
size 2" set at 4420 packer at NA				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Date of First Production	Producing method						
1-14-86	<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		
57	Bbls	0	MCF	16	300	37	
				Bbls	CFPB		

Disposition of gas: vented
 sold
 used on lease

METHOD OF COMPLETION
 open hole perforation
 other (specify)

PRODUCTION INTERVAL

4354-60'

Dually Completed.
 Commingled