

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
Great Bend, KS 67530
City/State/Zip

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

1-5-86 1-12-86 1-30-86
Spud Date Date Reached TD Completion Date

4490 4448
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 1584 feet

If alternate 2 completion, cement circulated
from 1584 feet depth to surface w/ 350 SX cmt

API NO. 15 135-22,990-0000

County Ness

NW SW Sec 32 Twp 20S Rge 25 West

1980 Ft North from Southeast Corner of Section
4-20 Ft West from Southeast Corner of Section
(Note: locate well in section plat below)

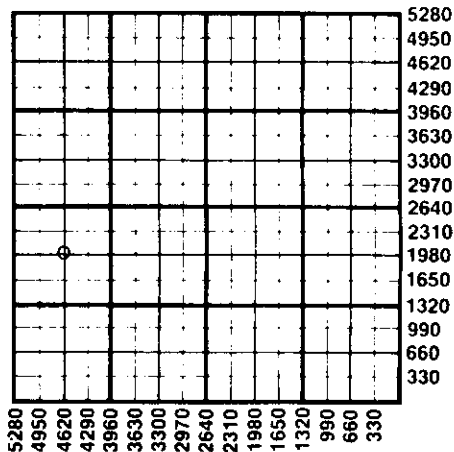
Lease Name Doebbeling "A" Well# 1

Field Name New Field M. P.icker, SE

Producing Formation Mississippi

Elevation: Ground 2389 KB 2394'

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.

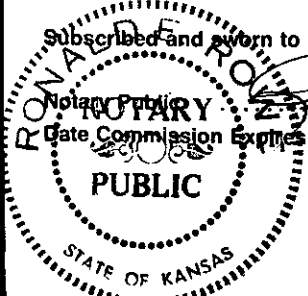
Signature Bill Wriston Bill Wriston

Title Petroleum Engineer Date 2-19-86

Subscribed and sworn to before me this 24th day of February, 1986

Notary Public Ronald E. Gure My Comm. 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)

FEB 26 1986

CONSERVATION DIVISION
Wichita, Kansas

Sec. 32 Twp. 20S Rge. 25E

SIDE TWO

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 Miss. Dolomite 4371-84', 30-60-60-120
 Rec. 5' free oil & 85' MW (80% W, 20% M).
 IFP 33-22 ISIP 1232 IHP 2176 FFP 33-55
 FSIP 1232 FHP 2154 T. 124°.
 Oil Gravity 39, CL 15,000.

Name	Top	Bottom
Heebner	3701	3705
Toronto	3719	3729
Lansing	3745	4111
Marmaton	4140	4201
Pawnee	4201	4267
Fort Scott	4267	4290
Cherokee	4290	4366
Mississippi Lime	4366	4380
Miss. Dolomite	4380	

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 2gel	1.3cc, 1/4# flo
Production	7-7/8	5-1/2	14	4488	Portland	150 .75%	C-322, 10 salt
Stage collar				1584	lite	350	5 calseal 3 cc

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	4370-74	.620 gals. of 15% MCA	

TUBING RECORD			
size 2	set at 4444	packer at NA	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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)		
1-24-86			
Estimated Production Per 24 Hours	Oil	Gas	Water
	50	0	72
	Bbls	MCF	Bbls
			Gas-Oil Ratio 300
			Gravity 37
			CFPB

Disposition of gas: vented
 sold
 used on lease

METHOD OF COMPLETION
 open hole perforation
 other (specify)
 Dually Completed.
 Commingled

PRODUCTION INTERVAL
 4370-74'