

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 # ~~3338~~ 4655
Name ..BHP.Petroleum.(Americas).Inc.,
Address 925.Patton.Road
City/State/Zip ..Great.Bend..KS..67530

Purchaser...N/A

Operator Contact Person ..Jim.W..Sullivan
Phone ..316.792-2756

Contractor: License # 6394
Name ..Mohawk.Drilling..Inc.

Wellsite Geologist ..Robby.J..Beard
Phone.....316-792-0712

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
Well Name
Comp. DateOld Total Depth.....

WELL HISTORY

Drilling Method:

☒ Mud Rotary ☐ Air Rotary ☐ Cable

...7-15-85... ..7-21-85... ..10-25-85...
Spud Date Date Reached TD Completion Date
...3594.....
Total Depth PBTD

Amount of Surface Pipe Set and Cemented at 602 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. 15-185-22-253

County..Stafford

..NW ..NW ..NW Sec.1... Twp.22...Rge.12 ☐ East
☒ West

...4950.... Ft North from Southeast Corner of Section

...4950.... Ft West from Southeast Corner of Section

(Note: Locate well in section plat below)

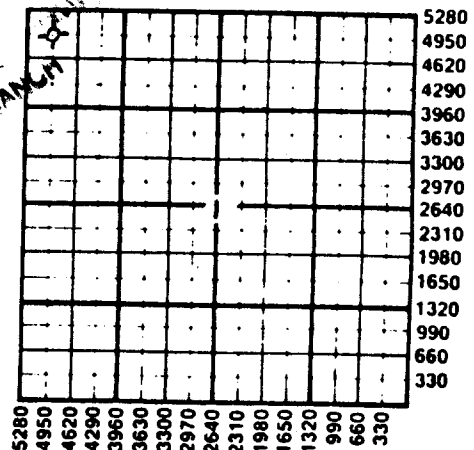
Lease Name...M. Helmers Well #...6

Field Name...Max

Producing Formation...N/A

Elevation: Ground...1815...KB...1825

Section Plat



WATER SUPPLY INFORMATION

Disposition of Produced Water: ☒ Disposal
Docket # ..D-21-986 ☐ 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.....Ft North from Southeast Corner
(Stream, pond etc).....Ft West from Southeast Corner
Sec Twp Rge ☐ East ☐ West

☒ Other (explain)..City of Ellinwood..Kansas..
(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 plugged wells. Submit CP-111 form with all temporarily abandoned wells.

SIDE TWO

Operator Name BHP Petroleum Lease Name M. Helmers Well # 6Sec. 1 Twp. 22 Rge. 12 ☐ East ☒ West County Stafford

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 3528 to 3583'
 IF 30M IFP 292 FFP 287
 ISI 60M SIP 754 & building
 FF 60M IFP 311 FFP 282
 FSI 120M SIP 911 & building
 IH 2035 FH 1923 BHT 108°F
 Rec. 40' SOCM, weak blow

DST #2 & #3 - Misrun

DST #4 3588'-3594'
 IF 30M IFP 306 FFP 307
 ISI 60M SIP 1233 & building
 FF 60M IFP 332 FFP 323
 FSI 120M SIP 1217 static
 IH 1977 FH 1983 BHT 108°F
 Rec. 5' clean oil, 515' SO&GCW, 110' O&GCM
 180' gas. Fair blow, no gas to surface

Name	Top	Bottom
Topeka	2800	3093
Heebner Shale	3093	3114
Toronto Lime	3114	3130
Douglas Shale	3130	3223
Brown Lime	3223	3248
Lansing	3248	3469
KC	3469	3512
Viola	3512	3546
Ord. Conglomerate	3546	3581
Arbuckle	3581	

CASING RECORD ☒ New ☐ 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.....(N)	12 1/4"	8 5/8"	20#	602'	275	60/50 Poz	2% Gel 3% CC
.....					125	60/50 Poz	3% CC
Production...(N)	7 7/8"	5 1/2"	14#	3584'	150	60/50 Poz	2% Gel 10% Salt

PERFORATION RECORD

Shots Per Foot Specify Footage of Each Interval Perforated

Acid, Fracture, Shot, Cement Squeeze Record

(Amount and Kind of Material Used)

Depth

.....		
.....		
.....	N/A	N/A
.....		

TUBING RECORD

Size

Set At

Packer at

Liner Run

☐ Yes ☒ No

Date of First Production

Producing Method

☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (explain).....