

Submit to Appropriate District Office
 State Lease - 6 copies
 Fee Lease - 5 copies
 DISTRICT I
 P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
 P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
 1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
 Energy, Minerals and Natural Resources Department

Form C-105
 Revised 1-1-89

OIL CONSERVATION DIVISION

Santa Fe, New Mexico 87504-2088

MAR 27 1991

OIL CON. DIV
 DIST. 3

WELL API NO.
 30-045-28068

5. Indicate Type of Lease
 STATE FEE

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name
 Gallegos Canyon Unit

8. Well No.
 513

9. Pool name or Wildcat
 W. Kutz Pictured Cliffs

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL GAS WELL DRY OTHER _____
 b. Type of Completion: NEW WELL WORK OVER DEEPEN PLUG BACK DIFF RESVR OTHER _____

2. Name of Operator
 BHP Petroleum (Americas) Inc.

3. Address of Operator
 5847 San Felipe, Suite 3600, Houston, Texas 77057

4. Well Location
 Unit Letter H : 1560 Feet From The North Line and 795 Feet From The East Line
 Section 34 Township 29N Range 12W NMPM San Juan County

10. Date Spudded 10/8/90 11. Date T.D. Reached 10/11/90 12. Date Compl. (Ready to Prod.) 12/7/90 13. Elevations (DF & RKB, RT, GR, etc.) 5345' GR 14. Elev. Casinghead 5345' GR

15. Total Depth 1455' 16. Plug Back T.D. 1417' 17. If Multiple Compl. How Many Zones? N/A 18. Intervals Drilled By Rotary Tools 0-TD Cable Tools -0-

19. Producing Interval(s), of this completion - Top, Bottom, Name Pictured Cliffs 1310 - 1320' 20. Was Directional Survey Made Yes

21. Type Electric and Other Logs Run FDC/CNL/GR/DIL/HRL/Coal Logs 22. Was Well Cored No

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7"	23#	134' KB	8-3/4"	150 sxs "B" + addit.	-0-
4-1/2"	10.5#	1446' KB	6-1/4"	130 sxs 50/50 POZ & 40 sxs "B" + addit.	-0-

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
N/A					2-3/8"	1329'	N/A

26. Perforation record (interval, size, and number)	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
1310 - 1320' @ 4 JSPF (40 holes @ .35" dia.)	1310 - 1320'	Frac dn 4-1/2" csg with 34M gals 70 Q foam and 59,000 # 20/40 sand

28. PRODUCTION

Date First Production WOPLC		Production Method (Flowing, gas lift, pumping - Size and type pump) flowing				Well Status (Prod. or Shut-in) SI	
Date of Test 12/15/90	Hours Tested 24	Choke Size 3/8"	Prod'n For Test Period	Oil - Bbl. N/A	Gas - MCF 312	Water - Bbl. 77	Gas - Oil Ratio N/A
Flow Tubing Press. 140 psi	Casing Pressure 245 psi	Calculated 24-Hour Rate	Oil - Bbl. N/A	Gas - MCF 312	Water - Bbl. 77	Oil Gravity - API - (Corr.) N/A	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
 Vented Test Witnessed By
 Fred Lowery

30. List Attachments

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Beverly Comer Printed Name Beverly Comer Title Production Tech Date 3/19/91

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

- T. Anhy _____
- T. Salt _____
- B. Salt _____
- T. Yates _____
- T. 7 Rivers _____
- T. Queen _____
- T. Grayburg _____
- T. San Andres _____
- T. Glorieta _____
- T. Paddock _____
- T. Blinebry _____
- T. Tubb _____
- T. Drinkard _____
- T. Abo _____
- T. Wolfcamp _____
- T. Penn _____
- T. Cisco (Bough C) _____
- T. Canyon _____
- T. Strawn _____
- T. Atoka _____
- T. Miss _____
- T. Devonian _____
- T. Silurian _____
- T. Montoya _____
- T. Simpson _____
- T. McKee _____
- T. Ellenburger _____
- T. Gr. Wash _____
- T. Delaware Sand _____
- T. Bone Springs _____
- T. _____
- T. _____
- T. _____
- T. _____

Northwestern New Mexico

- T. Ojo Alamo _____ Surface
- T. Kirtland-Fruitland _____ 159'
- T. Pictured Cliffs _____ 1308'
- T. Cliff House _____
- T. Menefee _____
- T. Point Lookout _____
- T. Mancos _____
- T. Gallup _____
- Base Greenhorn _____
- T. Dakota _____
- T. Morrison _____
- T. Todilto _____
- T. Entrada _____
- T. Wingate _____
- T. Chinle _____
- T. Permian _____
- T. Penn "A" _____
- T. Penn. "B" _____
- T. Penn. "C" _____
- T. Penn. "D" _____
- T. Leadville _____
- T. Madison _____
- T. Elbert _____
- T. McCracken _____
- T. Ignacio Otzte _____
- T. Granite _____
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OIL OR GAS SANDS OR ZONES

No. 1, from 1293' to 1306.25' No. 3, from _____ to _____
 No. 2, from 1310' to 1320' No. 4, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.
 No. 1, from _____ to _____ feet
 No. 2, from _____ to _____ feet
 No. 3, from _____ to _____ feet

LITHOLOGY RECORD (Attach additional sheet if necessary)

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			No DSTs were taken				

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Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL API NO. 30-045-28068
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	7. Lease Name or Unit Agreement Name Gallegos Canyon Unit
2. Name of Operator BHP Petroleum (Americas) Inc.	8. Well No. 513
3. Address of Operator 5847 San Felipe Ste 3600 Houston, Texas 77057	9. Pool name or Wildcat West Kutz Pictured Cliffs
4. Well Location Unit Letter <u>H</u> : <u>1560</u> Feet From The <u>North</u> Line and <u>795</u> Feet From The <u>East</u> Line Section <u>34</u> Township <u>29N</u> Range <u>12 W</u> <u>NMPM</u> San Juan County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 5345 GR	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: _____ <input type="checkbox"/>		OTHER: <u>Well History</u> <input checked="" type="checkbox"/>	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

MIRU RT. Spud 8-3/4" hole @ 7:00 am on 10/8/90. Drld to 140' KB. Ran 3 jts 7" 23# J-55 R-3 csg and landed @ 134' KB. Mixed and pumped 150 sx (173 ft³) Class "B" w/2% CaCL + 1/4pps Cello-seal. Circ cmt to surface. WOC 5 hrs. NUBOP. Test csg & blind rams to 2000 psi. Drld 6-1/4" hole to 1455' KB. TOOH. Ran FDL/CNL/GR/DIL/HRL and Coal logs. Ran 35 jts 4-1/2" 10.5# J-55 ST&C csg and landed @ 1446' KB. Mixed and pumped 130₃ sx (164 ft³) 50/50 Poz w/ 2% gel + 10% salt + 1/4 pps Cello-seal, followed by 40 sx (46 ft³) Class "B" w/1.2% CF-18 low fluid loss. Circ 8 bbl to surface. Released rig @ 12:30 am on 10/12/90.

RECEIVED
OCT 22 1990

OIL CON. DIV.
DIST. 3

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Stephen F. Ball TITLE Production Engineer DATE 10/18/90

TYPE OR PRINT NAME Stephen F. Ball TELEPHONE NO. 713/780-5007

(This space for State Use)

APPROVED BY Original Signed by FRANK I. CHAVEZ TITLE SUPERVISOR DISTRICT # 3 DATE OCT 28 1990

CONDITIONS OF APPROVAL, IF ANY: