

CONFIDENTIAL

State of New Mexico  
Energy, Minerals and Natural Resources Department

Signature	
File	
BLM	
Land Office	
Office of M.	
Operator	

Form C-105  
Revised 1-1-89

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 3 copies  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

**OIL CONSERVATION DIVISION**  
310 Old Santa Fe Trail, Room 206  
Santa Fe, New Mexico 87503

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

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

JUN 01 89

O. C. D.  
ARTESIA, OFFICE

## 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 ☐

WELL API NO. 30-005-62649

5. Indicate Type of Lease STATE ☒ FEE ☐

6. State Oil & Gas Lease No. LG 6319

7. Lease Name or Unit Agreement Name Yates 36 State

2. Name of Operator BHP Petroleum Company, Inc. ✓ O. C. D. ARTESIA, OFFICE

8. Well No. 1

3. Address of Operator 6 Desta Drive Suite 3200 Midland, TX 79705-5510

9. Pool name or Wildcat SUELENBARGER Wildcat - Montoya

4. Well Location Unit Letter L : 1980 Feet From The South Line and 990 Feet From The West Line

Section 36 Township 10S Range 26E NMPM Chaves County

10. Date Spudded 12/14/88 11. Date T.D. Reached 12/31/88 12. Date Compl. (Ready to Prod.) 1/20/89 13. Elevations (DFA RKB, RT, GR, etc.) 3718 KB 14. Elev. Casinghead

15. Total Depth 6675 16. Plug Back T.D. 6628 17. If Multiple Compl. How Many Zones? 18. Intervals Drilled By Rotary Tools 0-6675 Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name 6142-6176' Montoya 20. Was Directional Survey Made No

21. Type Electric and Other Logs Run FDC-CNL, DIL, Dipmeter, LSS 22. Was Well Cored Yes

## CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24.0#	1200	12 1/4"	700 sx	None
5 1/2	15.5#	6676	7 7/8	630 sx	None
DV tool		2376		650 sx	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SIZE	DEPTH SET	PACKER SET
				2 7/8"	5908'	5907'

26. Perforation record (interval, size, and number)			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
INTERVAL	SIZE	NUMBER	DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6158-6176'	4 SPF		6142-6176'	3000 gals 15% HCL
6142-6154'	4 SPF			

## PRODUCTION

28. Date First Production 1/13/89 Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing 20/64" ck Well Status (Prod. or Shut-in) Shut-in WOPL

Date of Test 1/17/89 Hours Tested 12 Choke Size 20/64" Prod'n For Test Period 17 Oil - Bbl 1050 Gas - MCF 8 Water - Bbl 61765

Flow Tubing Press. 1840 Casing Pressure 0 Calculated 24-Hour Rate 34 Oil - Bbl 2100 Gas - MCF 16 Water - Bbl 55 Oil Gravity - API - (Corr.)

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

30. List Attachments C103; C104; C122, C102; Electric logs, deviation survey

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 Hal Crabb, III Printed Name Hal Crabb, III Title Pet. Engr. Date 1/24/89

# 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, the 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

Pn Clastics 5966

T. Anhy \_\_\_\_\_  
 T. Sqt \_\_\_\_\_  
 B. Salt \_\_\_\_\_  
 T. Yates \_\_\_\_\_  
 T. 7 Rivers \_\_\_\_\_  
 T. Queen \_\_\_\_\_  
 T. Grayburg \_\_\_\_\_  
 T. San Andres 1130  
 T. Glorieta 2382  
 T. Paddock \_\_\_\_\_  
 T. Blinebry \_\_\_\_\_  
 T. Tubb 3804  
 T. Drinkard \_\_\_\_\_  
 T. Abo 4578  
 T. Wolfcamp 5385  
 T. Penn \_\_\_\_\_  
 T. Cisco (Bough C) 5868

T. Canyon \_\_\_\_\_  
 T. Strawn \_\_\_\_\_  
 T. Atoka \_\_\_\_\_  
 T. Miss 6086  
 T. Devonian \_\_\_\_\_  
 T. Silurian \_\_\_\_\_  
 T. Montoya 6132  
 T. Simpson \_\_\_\_\_  
 T. McKee \_\_\_\_\_  
 T. Ellenburger \_\_\_\_\_  
 T. Gr. Wash \_\_\_\_\_  
 T. Delaware Sand \_\_\_\_\_  
 T. Bone Springs \_\_\_\_\_  
 T. \_\_\_\_\_  
 T. \_\_\_\_\_  
 T. \_\_\_\_\_

### Northwestern New Mexico

T. Ojo Alamo \_\_\_\_\_  
 T. Kirtland-Fruitland \_\_\_\_\_  
 T. Pictured Cliffs \_\_\_\_\_  
 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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 T. \_\_\_\_\_

## OIL OR GAS SANDS OR ZONES

No. 1, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 2, from \_\_\_\_\_ to \_\_\_\_\_  
 No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
 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)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
0'	2491'		anhydrite, salt, lm				
2491'	3544'		lm, dolo, sand				
3544'	4800'		lm, dolo				
4800'	5045'		dolo, sh				
5045'	5676'		shale				
5676'	5945'		sh, lime				
5945'	6173'		sh, lm, dolo				
6173'	6573'		dolo				
6573'	6684'		dolo, cht				

RECEIVED

FILED

MAY 31 1989

MAY 31 1989

HOBBS OFFICE

## WELL LOCATION AND ACREAGE DEDICATION PLAT RECEIVED

**\*REVISED** to change objective formation.

All distances must be from the outer boundaries of the Section.

Operator <b>BHP Petroleum (American) Company Inc.</b>		Lease <b>Yates 36 State</b>		JAN 26 '89		Well No. <b>1</b>
Unit Letter <b>L</b>	Section <b>36</b>	Township <b>10 South</b>	Range <b>26 East</b>	County <b>O. C. D. Chaves</b>		
Actual Footage Location of Well: <b>1980</b> feet from the <b>South</b> line and <b>990</b> feet from the <b>West</b> line						
Ground Level Elev. <b>3706.6</b>	Producing Formation <b>Ellenburger</b>		Pool <b>Wildcat Ellenburger</b>		Dedicated Acreage: <b>(W<math>\frac{1}{2}</math>) 320</b>	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). **Single Lease**
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation **NA**

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

Lease	LG 6319
Lessee	YATES
Oper.	BHP
Exp. Date	Feb. 1, 1989

  

## CERTIFICATION

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

Name

**JERRY W. LONG**

Position

**Agent for BHP**

Company

**BHP PETROLEUM COMPANY INC.**

Date

**November 22, 1988**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

**Nov. 15, 1988**

Registered Professional Engineer and/or Land Surveyor

Certificate No. **JOHN W. WEST,****676****RONALD J. EIDSON, 5239**

BHP Petroleum  
Yates State 36 #1  
Chaves County, N.M.

STATE OF NEW MEXICO  
DEVIATION REPORT

487	1/4
964	1/2
1200	1/4
1684	1/2
2181	3/4
2677	3/4
3171	3/4
3664	1/2
4161	3/4
4656	3/4
4807	1/4
5307	1/2
5806	3/4
6675	3/4

RECEIVED

JAN 26 89

O. C. D.  
ARTESIA, OFFICE

*Ray Peterson*

By: Ray Peterson

STATE OF TEXAS X

COUNTY OF MIDLAND X

The foregoing instrument was acknowledged before me this 11th day of  
January, 1989, by Ray Peterson on behalf of  
Peterson Drilling Company.

My Commission expires: 8/2/92

*Alice Keel*  
Notary Public for Midland County,  
Texas



ALICE KEEL  
Notary Public, State of Texas  
My Comm. Expires: 8-2-92