

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised October 18, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address. Yates Petroleum Corporation 105 S. 4th Street Artesia, New Mexico 88210		² OGRID Number 025575
		³ API Number 30-005-62691
⁴ Property Code 24956	⁵ Property Name Yates Valley ATM State	⁶ Well No. 1

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
G	36	10S	26E		1650'	North	2310'	East	Chaves

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
⁹ Proposed Pool 1 Wildcat					¹⁰ Proposed Pool 2 Farr Ranch; Wolfcamp, South				

¹¹ Work Type Code E	¹² Well Type Code G	¹³ Cable/Rotary Pulling Unit	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3716'
¹⁶ Multiple No	¹⁷ Proposed Depth 6700'	¹⁸ Formation Wolfcamp	¹⁹ Contractor Not determined	²⁰ Spud Date ASAP

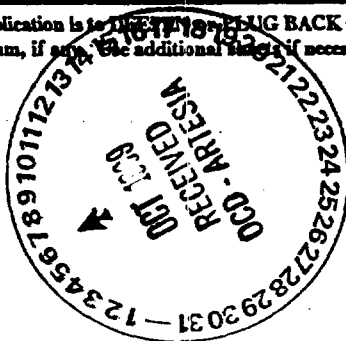
²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/2"	8 5/8"	24# J-55	1191'	750 sx	In Place
7 7/8"	5 1/2"	15.5# J-55	2450'	350 sx	In Place
7 7/8"	4"	11# J-55	6500'	500 sx	Circulate

²² Describe the proposed program. If this application is to PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

SEE ATTACHED PAGE 2.

Former: BHP Pet Co
P+H 2-15-90



²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Ken Beardemphl

Printed name: KEN BEARDEMPHL

Title: LANDMAN

Date: October 5, 1999

Phone: 505-748-4348

OIL CONSERVATION DIVISION

Approved by:

Jim W. Brown BBA
District Supervisor

Title:

Approval Date: 10-8-99

Expiration Date: 10-8-00

Conditions of Approval:

Attached ☐

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-102
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code	³ Pool Name Wildcat
⁴ Property Code	⁵ Property Name Yates Valley ATM State	⁶ Well Number 1
⁷ OGRID No. 025575	⁸ Operator Name YATES PETROLEUM CORPORATION	⁹ Elevation 3716'

¹⁰ Surface Location

UL or lot no. G	Section 36	Township 10S	Range 26E	Lot Idn	Feet from the 1650'	North/South line North	Feet from the 2310'	East/West line East	County Chaves
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

16		17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.
		Signature: <i>Ken Beardemphl</i> Printed Name: Ken Beardemphl Title: Landman Date: October 5, 1999
		18 SURVEYOR CERTIFICATION 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 belief.
		Date of Survey Signature and Seal of Professional Surveyer: REFER TO ORIGINAL PLAT Certificate Number

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

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

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 LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator BHP PETROLEUM (AMERICAS)		COMPANY INC.		Lease YATES VALLEY STATE COM.		Well No. 1	
Unit Letter G	Section 36	Township 10 SOUTH	Range 26 EAST	County CHAVES		NMPM	
Actual Footage Location of Well: 2310 feet from the EAST line and 1650 feet from the NORTH line							
Ground level Elev. 3715.9'	Producing Formation Ellenburger		Pool Wildcat	Dedicated Acreage: 320 Acres			

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

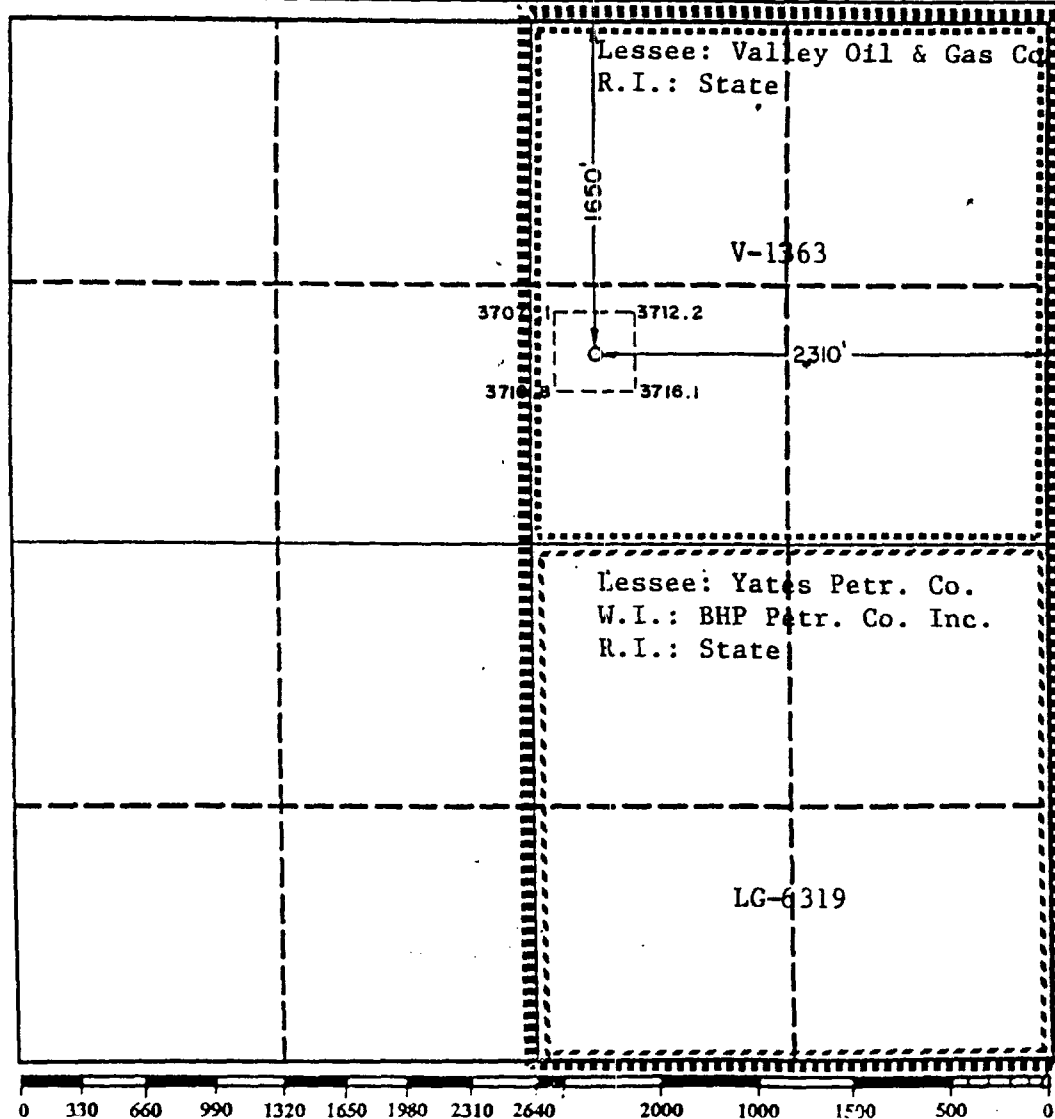
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

☒ Yes ☐ No If answer is "yes" type of consolidation Communitization Pending

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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature

Printed Name

JERRY W. LONG

Position

Agent

Company

BHP PETROLEUM COMPANY INC.

Date

March 24, 1989

SURVEYOR CERTIFICATION

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

March 23, 1989

Signature & Seal of
Professional Surveyor

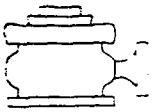
JOHN W. WEST
RONALD J. EIDSON
3239

DRILLING PROGRAM
HOC Federal #1
Page 2

Yates Petroleum Corporation proposes to re-enter the captioned well which was drilled by Hanson Operating Company in May of 1989 and was plugged and abandoned in February 1990. A pulling unit will be used to re-enter this well and a reverse unit will be used to drill out all plugs to the 5 1/2" casing shoe plug at 2450', cement squeeze the San Andres perforations at 1742'-2218'; drill out cement plugs in the open hole to about 6500'; run 4" casing to 6500' and cement with 500 sacks cement. Will then complete in the interval of 5312'-5414'.

MUD PROGRAM: Mud to be used is 9.3 ppg Cut Brine, 50-70 vis; 0-TD.

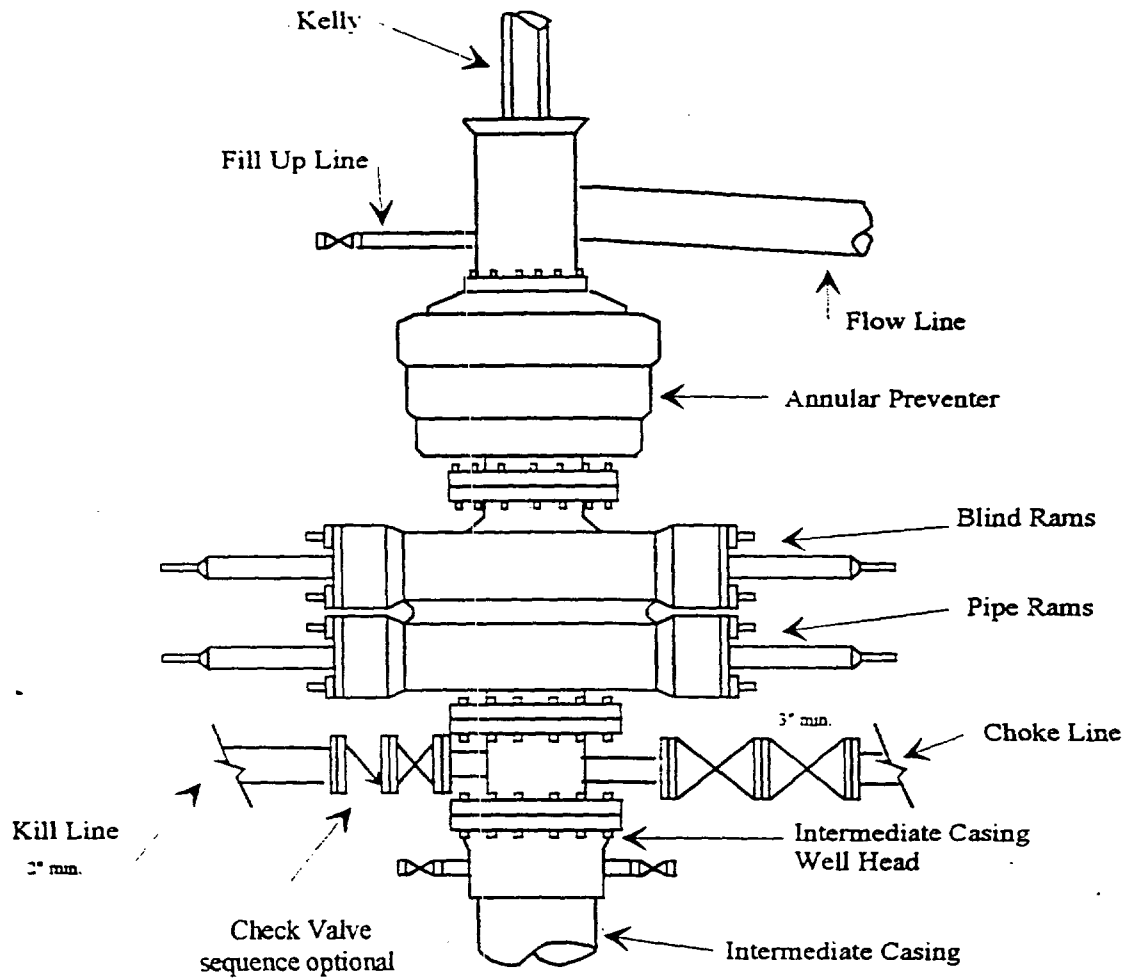
BOPE PROGRAM: BOPE will be installed on the 8 5/8" casing and tested daily for operational.



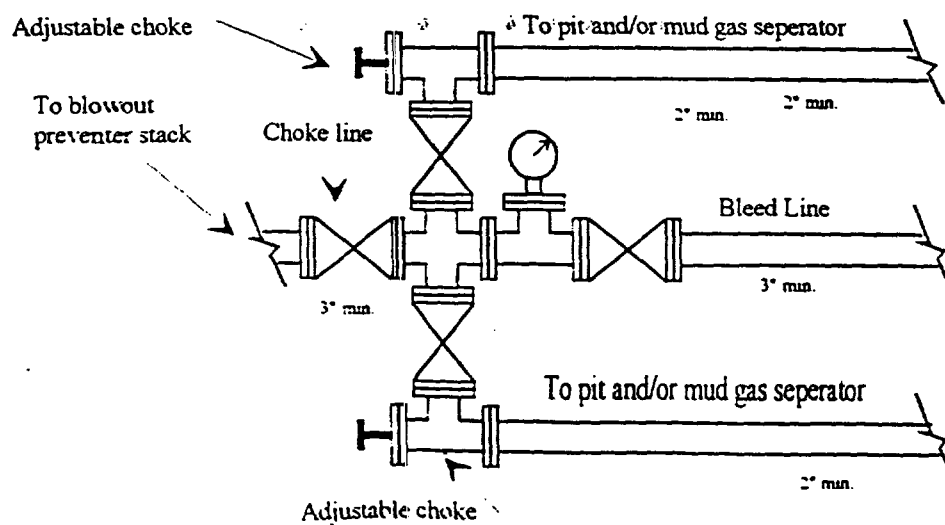
Yates Petroleum Corporation

BOP-3

Typical 3,000 psi Pressure System Schematic Annular with Double Ram Preventer Stack



Typical 3,000 psi choke manifold assembly with at least these minimum features



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

OIL CONSERVATION DIVISION

P.O. Box 208
Santa Fe, New Mexico 87504-2088

FEB 21 '90

WELL API NO.

30-005-62691

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

V-1363

7. Lease Name or Unit Agreement Name

Yates Valley State Com

8. Well No.

1

9. Pool name or Wildcat

Wildcat

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 ☒

GAS WELL ☐

OTHER

2. Name of Operator

Hanson Operating Company, Inc. ✓

3. Address of Operator

P. O. Box 1515, Roswell, New Mexico 88202-1515

4. Well Location

Unit Letter G : 1650 Feet From The North Line and 2310 Feet From The East Line

Section 36 Township 10S Range 26E NMPM Chaves County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

3716' GR

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐

CHANGE PLANS ☐

PULL OR ALTER CASING ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABANDONMENT ☒

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

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.

Verbal approval was given by Mike Williams w/NMOCD to plug & abandon the above-mentioned well in the following manner:

- 1) Set a CIBP @ 1725'. Cap w/35' Class "C" cement plug.
- 2) Set a 25 sx 100' Class "C" cement plug f/1287-1187'.
- 3) Set a 10 sx 50' Class "C" cement plug at surface.

All plugs were placed w/10# mud laden fluid.

Plugging was witnessed by Mike Stubblefield w/NMOCD on 02/15/90.

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

SIGNATURE Brenda R. Goffney TITLE Production Analyst DATE 02/20/90

TYPE OR PRINT NAME TELEPHONE NO.

(This space for State Use)

APPROVED BY Johnny Robinson TITLE OIL AND GAS INSPECTOR DATE 6-6-90

CONDITIONS OF APPROVAL, IF ANY:

OK
GW

Submit 5 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1960, Hobbs, NM 88240

DISTRICT II
P.O. Box 1960, Roswell, NM 88202

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

State of New Mexico
Energy, Minerals and Natural Resources Department

RECEIVED

Form C-104
Revised 1-1-89
See Instructions
at Bottom of Page

OIL CONSERVATION DIVISION

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

FEB 21 '90

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

I. OPERATOR

Operator Hanson Operating Company, Inc. ✓	Well API No. 30-005-62691
Address P.O. Box 1515, Roswell, New Mexico 88202	
Reason(s) for Filing (Check proper box) ☐ Other (Please explain)	
New Well ☐	Change in Transporter of: Oil ☐ Dry Gas ☐
Recompletion ☐	Casinghead Gas ☐ Condensate ☐
Change in Operator ☒	
If change of operator give name and address of previous operator BHP Petroleum Co., Inc., 5847 San Felipe, Suite 3600, Houston, TX 77057	

II. DESCRIPTION OF WELL AND LEASE

Lease Name Yates Valley State Com	Well No. 1	Pool Name, including Formation Wildcat <i>San Andres</i>	Kind of Lease (State) Federal or Fee	Lease No. V-1363
Location Unit Letter <u>G</u> : <u>1650</u> Feet From The <u>North</u> Line and <u>2310</u> Feet From The <u>East</u> Line Section <u>36</u> Township <u>10S</u> Range <u>26E</u> <u>NMPM</u> Chaves County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☐	Address (Give address to which approved copy of this form is to be sent)					
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐	Address (Give address to which approved copy of this form is to be sent)					
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rgn.	Is gas actually connected?	When?

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well ☒	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded 05/18/89	Date Compl. Ready to Prod. 06/28/89	Total Depth 6711'	P.B.T.D. 2370'					
Elevations (DF, RKB, RT, GR, etc.) 3716' GR	Name of Producing Formation San Andres	Top Oil/Gas Pay 1742'	Tubing Depth 2450'					
Perforations 2204-18', 1822-48', 1742-84'			Depth Casing Shoe 2450'					

TUBING, CASING AND CEMENTING RECORD

HOLE SIZE 7-7/8"	CASING & TUBING SIZE 5-1/2" 2-3/8"	DEPTH SET 2450 2227	SACKS CEMENT 125 sx Lite, 225 sx C
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V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of lead oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank N/A	Date of Test 01/06/90	Producing Method (Flow, pump, gas lift, etc.) Pumping	
Length of Test 24 hrs.	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls. 0	Water - Bbls. 10	Gas - MCF TSTM

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Brenda R. Godfrey
Signature
Brenda R. Godfrey Production Analyst
Printed Name
02/13/90
Date
505-622-7330
Telephone No.

OIL CONSERVATION DIVISION

Date Approved FEB 28 1990
By *Mike Williams*
Title SUPERVISOR, DISTRICT II

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

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

FEB 21 '90

WELL API NO. 30-005-62691
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. V-1363

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____		ARTESIA, OFFICE	
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER _____		7. Lease Name or Unit Agreement Name Yates Valley State Com	
2. Name of Operator Hanson Operating Company, Inc. ✓		8. Well No. 1	
3. Address of Operator P. O. Box 1515, Roswell, New Mexico 88202-1515		9. Pool name or Wildcat Wildcat - <i>San Andres</i>	
4. Well Location Unit Letter <u>G</u> : <u>1650</u> Feet From The <u>North</u> Line and <u>2310</u> Feet From The <u>East</u> Line Section <u>36</u> Township <u>10S</u> Range <u>26E</u> NMPM Chaves County			
10. Date Spudded 05/18/89	11. Date T.D. Reached 06/07/89	12. Date Compl. (Ready to Prod.) 06/28/89	13. Elevations (DF& RKB, RT, GR, etc.) 3716' GR
14. Elev. Casinghead			
15. Total Depth 6711'	16. Plug Back T.D. 2370'	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools 0-6711'
19. Producing Interval(s), of this completion - Top, Bottom, Name San Andres 2204-18', 1822-48', 1742-33'.			20. Was Directional Survey Made No
21. Type Electric and Other Logs Run Dual Laterolog Micro Laterolog GR Compensated Z Densilog Compensated Neutron GR			22. Was Well Cored

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
5-1/2"	15.5#	2450'	7-7/8"	1255 sx Lite/225 Sx C	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2 7/8	2450

26. Perforation record (interval, size, and number)			27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.		
2204-18'	16 holes		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED	
1822-48'	24 holes		2204-18'	1250 gal	15%, 6000 gal 15%
1742-84'	33 holes		1822-48'	1000 gal	15%
			1742-84'	18000 gal	15%

PRODUCTION

Date First Production 01/30/90		Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping				Well Status (Prod. or Shut-in) Shut-In	
Date of Test 01/06/90	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl. 0	Gas - MCF TSTM	Water - Bbl. 10	Gas - Oil Ratio 0
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl. 0	Gas - MCF TSTM	Water - Bbl. 10	Oil Gravity - API - (Corr.) 0	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) TSTM	Test Witnessed By David Sweeney
--	------------------------------------

30. List Attachments 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 <i>Brenda R. Godfrey</i>	Printed Name Brenda R. Godfrey	Title Production Analyst	Date 02/20/90

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

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya 6188'	T. Mancos _____	T. McCracken _____
T. San Andres 1186'	T. Simpson _____	T. Gallup _____	T. Ignacio Otzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger 6353'	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash 6634'	T. Morrison _____	T. _____
T. Tubb _____	T. Delaware Sand _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Bone Springs _____	T. Entrada _____	T. _____
T. Abo 4640'	T. _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn 5988'	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

o. 1, from 1742' to 1784' No. 3, from 1742' to 1784'

2, from 1822' to 1848' 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

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



By: Ray Peterson

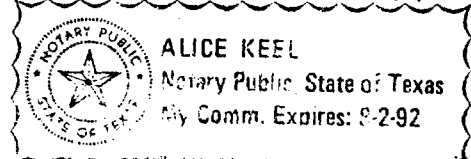
STATE OF TEXAS I

COUNTY OF MIDLAND I

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


Notary Public for Midland County,
Texas



Submit 3 Copies
to Appropriate
District Office

Division 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

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

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

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

JAN 16 '90

WELL API NO. 30-005-62691
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. V-1363

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 ☒ GAS WELL ☐ OTHER ☐
2. Name of Operator BHP Petroleum Company, Inc.
3. Address of Operator 5847 San Felipe, Suite 3600, Houston, TX 77057

7. Lease Name or Unit Agreement Name Yates Valley State Com.
8. Well No. 1
9. Pool name or Wildcat Wildcat-Ellenburger

4. Well Location Unit Letter G : 1650 Feet From The North Line and 2310 Feet From The East Line Section 36 Township 10-S Range 26-E NMPM Chaves County
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3715.9 GL

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
OTHER: ☐	PLUG AND ABANDONMENT ☐
	CASING TEST AND CEMENT JOB ☐
	OTHER: Completion Attempt & T.A. ☒

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.

- 6-28-89 MIRUCU. Perforate San Andres 2204-2218' w/4SPF. Acidize w/1250 gals. 15% NEFE. Retreat w/6000 gals. 15% SXE. Set RBP @ 218f.
- 7-7-89 Perforate San Andres 1822-1829', 1830-1832' and 1836-1848' w/4SPF. Acidize w/1000 gals. 15% NEFE. Reset RBP @ 1806'.
- 7-12-89 Perforate San Andres 1742-44', 1748-1762' and 1770-1784' w/4SPF. Acidize w/3000 gals 15% NEFE. Retreat w/10,000 gals. 15% SXE. Pull RBP.

Well is now temporarily abandoned.

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

SIGNATURE Scott Sanders TITLE Drilling Engineer DATE 1/9/90

TYPE OR PRINT NAME _____ TELEPHONE NO. _____

(This space for State Use)

APPROVED BY Mike Williams TITLE SUPERVISOR, DISTRICT II DATE FEB 28 1990

CONDITIONS OF APPROVAL, IF ANY:

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-100
Revised 1-1-89

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

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

JUN 16 1989

WELL API NO.	30-005-62691
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil & Gas Lease No.	V-1363

7. Lease Name or Unit Agreement Name	Yates Valley State Com
--------------------------------------	------------------------

8. Well No.	1
-------------	---

9. Pool name or Wildcat	Wildcat- Ellenburger
-------------------------	----------------------

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 PERMITS RECEIVED (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: OIL WELL ☐ GAS WELL ☒ OTHER ☐	JUN 14 '89
2. Name of Operator BHP Petroleum Company Inc. ✓	O. C. D.
3. Address of Operator 6 Desta Drive Suite 3200 Midland, TX 79705	ARTESIA, OFFICE
4. Well Location Unit Letter <u>G</u> : <u>1650</u> Feet From The <u>North</u> Line and <u>2310</u> Feet From The <u>East</u> Line Section <u>36</u> Township <u>10-S</u> Range <u>26-E</u> NMPM <u>Chaves</u> County	10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3715.9 GL

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐
PULL OR ALTER CASING ☐	OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐	ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐	OTHER: ☐

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.

- 5/18/89 - Spud 12½" hole @ 7:45 pm.
5/21/89 - Drld 12½" hole to 1290' & set 8 5/8" 24# J-55 ST&C @ 1191' KBM. Cmt w/500 sx Western PSL w/½ pps cello seal, 2 pps gilsonite & 200 sx "C" w/2% CaCl₂. Circ 50 sx. WOC 6 hrs. Pressure test to 1000 psi for 30 min. Held OK.
5/30/89 - DST #1 (Montoya) 6175-6217'
6/1/89 - DST #2 (Montoya) 6175-6236'
6/3/89 - Drld to TD 6711'. Reached TD @ 1:15 AM 6/3/89.
6/5/89 - Logging
6/6/89 - PBTD 2450'. Set 100' OH plug @ 6680' (35 sx), 6240' (35 sx), 6030' (35 sx), 5350' (35 sx), 4650' (35 sx), 3880' (50 sx), 2550' (75 sx). All depths are btm of plugs.
6/7/89 - PBTD 2450'. Run 5 1/2" csg. Set @ 2407' KB. Cmt w/125 sx Pacesetter lite, 1/4# cello seal, 2# gillsonie, tail in w/225 sx "C". Circ 50 sx.

Minimum WOC time 18 hrs.

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

SIGNATURE Hal Crabb, III TITLE Petroleum Engineer DATE 6/12/ 89

TYPE OR PRINT NAME Hal Crabb, III TELEPHONE NO. (915) 688-1800

(This space for State Use)

APPROVED BY Mike Williams TITLE SUPERVISOR, DISTRICT II DATE JUN 14 1989

CONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

30-025-62691
Form C-101
Revised 10-1-78

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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

MAR 24 '89

5A. Indicate Type of Lease
STATE ☒ FEE ☐
5. State Oil & Gas Lease No.
V-1363

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK.

1a. Type of Work DRILL ☒ DEEPEN ☐ PLUG BACK ☐		ARTESIA, OFFICE	
b. Type of Well OIL WELL ☐ GAS WELL ☒ OTHER ☐		SINGLE ZONE ☒ MULTIPLE ZONE ☐	
2. Name of Operator BHP PETROLEUM COMPANY INC.			
3. Address of Operator 6 Desta Drive, Ste. 3200 Midland, Texas 79705-5510			
4. Location of Well UNIT LETTER G LOCATED 1650' FEET FROM THE North LINE AND 2310' FEET FROM THE East LINE OF SEC. 36 TWP. 10S RGE. 26E NMPM			
5. Unit Agreement Name NA		6. Farm or Lease Name Yates Valley State Com	
7. Well No. 1		8. Field and Pool, or Wildcat Wildcat-Ellenburger	
9. County Chaves			
10. Proposed Depth 6900'		11. Formation Ellenburger	
12. Rotary or C.T. Rotary			
13. Elevations (Show whether DF, RT, etc.) 3715.9 GL		14. Kind & Status Plug. Bond Statewide	
15. Drilling Contractor Peterson Drilling		16. Approx. Date Work will start As Soon As Possible	

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8"	24.0# J-55	1200' ±	650	Circulate
7-7/8"	5-1/2"	15.5# J-55	6900' ±	200	6000'

Propose to drill to about 6900' to test Ellenburger and intermediate formations.

If commercial production is indicated, the well will be completed in the deepest favorable formation, by cementing production casing, selectively perforating and stimulating. Run 2-7/8" tubing and test well.

See attached "Supplemental Data".

RECEIVED

APR 27 1989

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 10-24-89
UNLESS DRILLING UNDERWAY

OIL CONSERVATION DIV.
SANTA FE

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Jerry W. Long Title Agent for BHP Date March 24, 1989
(This space for State Use)

APPROVED BY Walter Wilbur TITLE SUPERVISOR, DISTRICT II DATE APR 24 1989

CONDITIONS OF APPROVAL, IF ANY:

NSH-R-8914
Forced Plg.

OIL CONSERVATION DIVISION

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

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 LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator BHP PETROLEUM (AMERICAS)		COMPANY INC.		Lease YATES VALLEY STATE COM.		Well No. 1	
Unit Letter G	Section 36	Township 10 SOUTH	Range 26 EAST		County CHAVES		
Actual Footage Location of Well:							
2310		feet from the		EAST		line and	
1650		feet from the		NORTH		line	
Ground level Elev. 3715.9'		Producing Formation Ellenburger		Pool Wildcat		Dedicated Acreage: 320 Acres	

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).
3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

☒ Yes ☐ No If answer is "yes" type of consolidation Communitization Pending
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 interest, has been approved by the Division.

Lessee: Valley Oil & Gas Co.
W.I.: State
R.I.: State

V-1363

1650'

2310'

3707.1 3712.2 3716.1 3716.2

Lessee: Yates Petr. Co.
W.I.: BHP Petr. Co. Inc.
R.I.: State

LG-6319

OPERATOR CERTIFICATION

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

Signature

Printed Name _____

JERRY W. LONG

Position

Agent

Company

BHP PETROLEUM COMPANY INC.

Date _____

March 24, 1989

SURVEYOR CERTIFICATION

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 _____

March 23, 1989

Signature & Seal of Professional Surveyor

0201

FILED

RECEIVED

14/5

10/10/2019

11

Certificate No. JOH

RECEIVED

172

10

1

0 330 660 990 1320 1650 1980 2310 2640 2000 1000 1500 500 0

SUPPLEMENTAL DATA

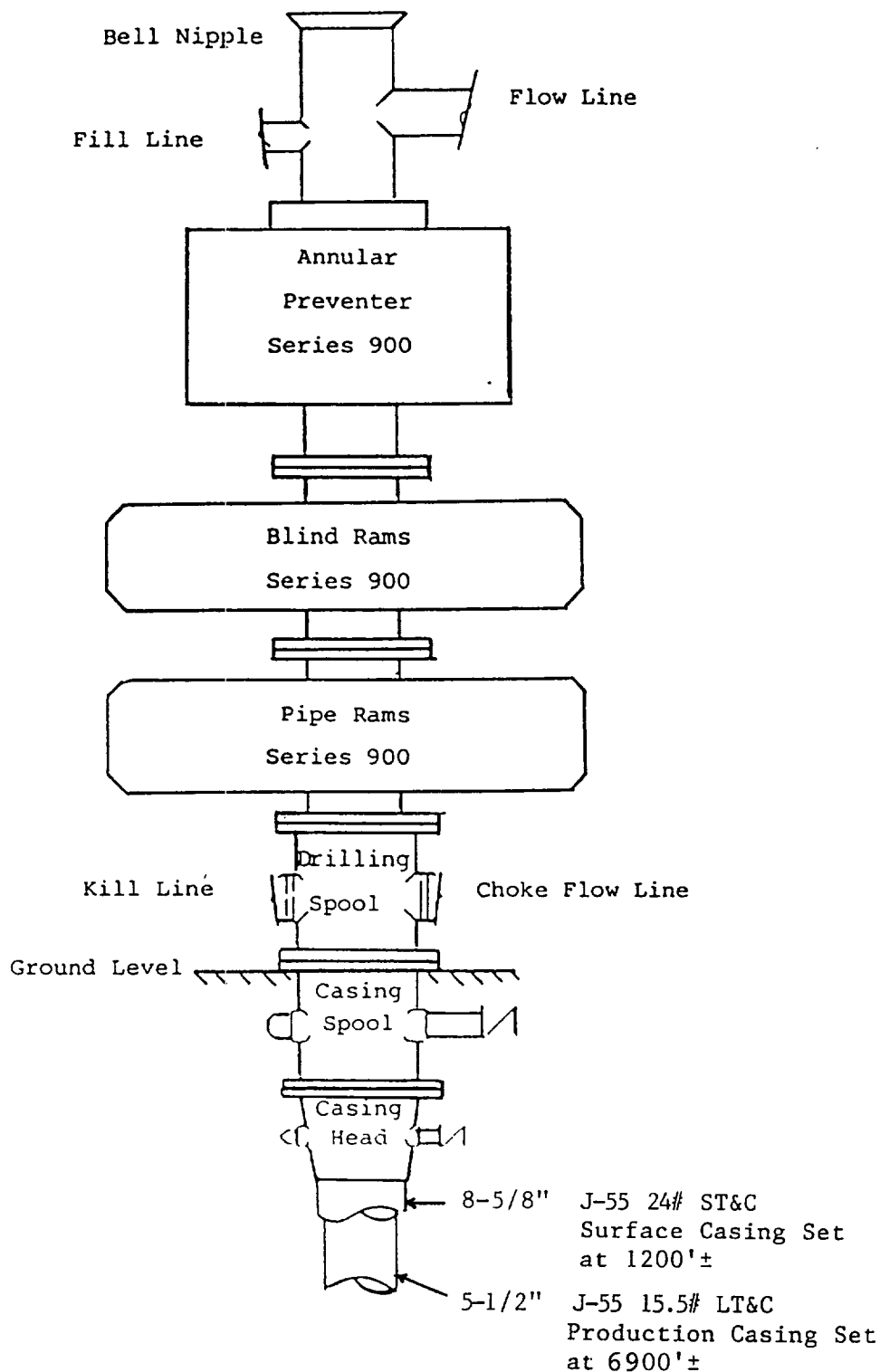
BHP PETROLEUM COMPANY INC.
No.1 Yates Valley State Com
1650'FNL 2310'FEL Sec.36-10S-26E
Chaves County, N.M.

State Lease V-1363

The following items supplement the information on Form C-101.

1. PRESSURE CONTROL EQUIPMENT: Pressure control equipment will include a 3000#WP blowout preventer stack with a Series 900 annular preventer and Series 900 blind and pipe rams. The BOP stack will include a kill line and choke manifold tested to 2000 psi. BOP hydraulic controls will be operated at least daily. Mud weight will be monitored to control bottom hole pressure. A kelly cock will be installed on the kelly joint and full opening safety valve will be available on the rig floor. A diagrammatic sketch of the BOP stack is attached.
2. SURFACE DAMAGES: The well and access road are located on State surface leased by LA Ranch Partnership. Mr. David Carpenter, partner, has been consulted regarding surface disturbance. A surface damage settlement will be negotiated with Mr. Carpenter.
3. A Hearing will be conducted before the New Mexico Oil Conservation Division on March 29, 1989 in response to a request from BHP Petroleum Company Inc. for an unorthodox gas well location and compulsory pooling of the E/2 Sec.36.

BHP PETROLEUM COMPANY INC.
 No.1 Yates Valley State Com
 1650'FNL 2310'FEL Sec.36-10S-26E
 Chaves County, N.M.



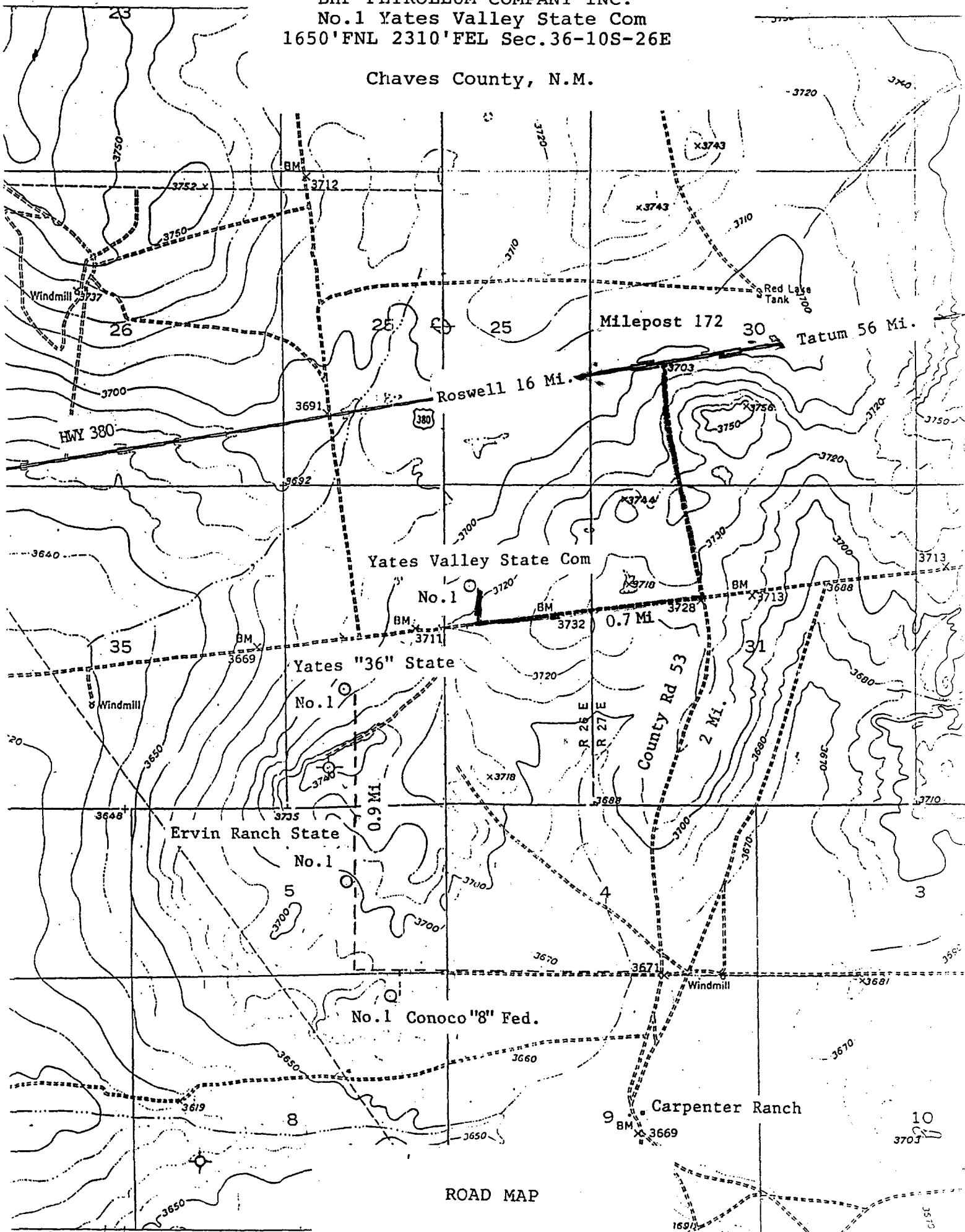
BLOWOUT PREVENTER STACK

3000#WP

Rams Operated Daily

BHP PETROLEUM COMPANY INC.
No.1 Yates Valley State Com
1650'FNL 2310'FEL Sec.36-10S-26E

Chaves County, N.M.



ROAD MAP

WRS COMPLETION REPORTREISSUES SEC 36 TWP 10S RGE 26E
PI# 30-T-0001 07/27/90 30-005-62691-0000 PAGE 1NMEX CHAVES * 1650FNL 2310FEL SEC SW NE
STATE COUNTY FOOTAGE SPOT
BHP PET (AMERICAS) WD WD
OPERATOR YATES VALLEY STATE COM WELL CLASS INIT FIN1
WELL NO. LEASE NAME
3727KB 3716GR WILDCAT
DEEP ELEV. FIELD POOL AREAAPI 30-005-62691-0000
LEASE NO. PERMIT OR WELL I.D. NO.05/18/1989 07/25/1990 ROTARY VERT TA-G
SPUD DATE COMF. DATE TYPE TOOL HOLE TYPE STATUS

6900 ELLNBRGR PETERSON DRLG 2 RIG SUB 10

PRO. DEPTH PRO. FORM CONTRACTOR

DTD 6711 PB 2407 FM/TD GRANITE

DRILLER TO LOG TO PLUG BACK TO OLD TO FORM TO

LOCATION DESCRIPTION16 MI NE DEXTER, NM
1/2 MI N/6172 (MONT) GAS DISC IN UNNAMED FLD**CASING/LINER DATA**CSG 8 5/8 @ 1191 W/ 700 SACKS
CSG 5 1/2 @ 2407 W/ 350 SACKS
OPENHOLE PLUGS @ 6580 W/35 SX, 6140 W/35 SX, 5930 W/35
SX, 5250 W/35 SX, 4550 W/35 SX, 3780 W/50 SX, 2450
W/75 SX

TYPE FORMATION LTH TOP DEPTH/SUB BSE DEPTH/SUB

LOG SN ANDRS 1186 2541
LOG ABO 4604 -877
LOG PNNSYLVN 5984 -2257
LOG MONTOYA 6138 -2461
LOG ELLNBRGR 6353 -2626
LOG GRANITE 6634 -2907

SUBSEA MEASUREMENTS FROM KB

FORMATION TEST DATADST 1 6175- 6217 PNNSYLVN S
OVERLAPS MONTOYA
GAS TS IN 55M INTO FF
REC 90.0 FT GCM 16.5 CFT GAS
INIT OP 5M IFP 40 FFP 59
FINAL OP 1H IFP 40 FFP 59 BHT 130F

CONTINUED IC# 300057004289

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Form No 18**BB** a company of
The Dun & Bradstreet Corporation

REISSUES
PI# 30-T-0001 07/27/90 SEC 36 TWP 10S RGE 26E
30-005-62691-0000 PAGE 2

BHP PET (AMERICAS) WD WD
1 YATES VALLEY STATE COM

FORMATION TEST DATA

ISIP 1694 1H FSIP 2456 3H IHP 3264 FHP 3264
SPL CHAM PRESS FINAL 1950

DST 2 STRD 6175- 6236 PNNSYLVN S
OVERLAPS MONTOYA
REC 1239.0 FT WTR 1.2 CFT GAS
REC 1720.0 CC WTR
INIT OP 5M IFP 113 FFP 225
FINAL OP 1H IFP 235 FFP 621 BHT 130F
ISIP 2496 1H FSIP 2439 3H IHP 3259 FHP 3259
WS 72000 PPM CL

PRODUCTION TEST DATA

SN ANDRS PERF W/ 4/FT 2204- 2218
PERF 2204- 2218
ACID 2204- 2218 1250GALS
15% NEFE
ACID 2204- 2218 6000GALS
15% SXE (RE-ACIDIZE)

SN ANDRS PERF W/ 4/FT 1822- 1848 GROSS
PERF 1822- 1824 1830- 1832 1836- 1848
ACID 1822- 1848 1000GALS
15% NEFE

SN ANDRS PERF W/ 4/FT 1742- 1784 GROSS
PERF 1742- 1744 1748- 1762 1770- 1784
ACID 1742- 1784 3000GALS
15% NEFE
ACID 1742- 1784 10000GALS
15% SXE (RE-ACIDIZE)

LOGS AND SURVEYS /INTERVAL, TYPE/

LOGS	DLL	MLL	GR
LOGS	CAL	BHC	ACSL

DRLG SHOWS OR POROSITY ZONES /INTERVAL, FORMATION, DESC

6195- 6208 MONTOYA GAS 6218- 6229 MONTOYA GAS

CONTINUED

REISSUES SEC 36 TWP 10S RGE 26E
PI# 30-T-0001 07/27/90 30-005-62691-0000 PAGE 3

BHP PET (AMERICAS) WD WD
1 YATES VALLEY STATE COM

DRILLING BREAKS

06195-06208 15-100 UNITS GAS, 30% BRI YLLW FLU GD S
DRY CUT (MONTOKA) S
06218-06229 65-130 UNIT GAS, 10% BRI YLLW FLU W/FAIR S
CUT (MONTOKA) S

DRILLING PROGRESS DETAILS

BHP PET (AMERICAS)
6 DESTA DR STE 3200
MIDLAND, TX 79705
915-688-1800
04/24 LOC/1989/
05/25 DRLG 4235
05/30 DRLG 6215
06/06 6711 TD, SI WOO
06/09 6711 TD, WOCT
06/15 6711 TD, PB 2407, WOCT
06/15 PB OH TO 2450
10/06 6711 TD, PB 2407, SI EVAL
01/04 6711 TD, PB 2407, SI
06/14 TD REACHED 06/03/89 RIG REL 06/07/89
6711 TD, PB 2407
COMP 6/13/90, TEMP ABND
NO CORES, TWO DSTS RPTD
07/25 REISSUED TO CORRECT FORM @ TD, DSTS, & ADD
PERFS, TREATMENTS, LOG TOPS, DRLG BREAKS
REPLACEMENT FOR TCT ISSUED 6/15/90