

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1-04-
Expires August 31, 1985
LEASE DESIGNATION AND SERIAL 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—" for such proposals.)

SF-078019

IF INDIAN, ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

FARM OR LEASE NAME

E. H. Pipkin 36

WELL NO.

2

FIELD AND POOL OR WILDCAT

Basin Fruitland

SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Section 36, T28N, R11W

COUNTY OR PARISH

San Juan

STATE

New Mexico

WELL ☐ GAS WELL ☒ OTHER

NAME OF OPERATOR

BHP Petroleum (Americas) Inc.

ADDRESS OF OPERATOR

5847 San Felipe, Suite 3600 Houston, TX 77057-3005

LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)

At surface

1118' FNL & 1413' FEL (NW/NE)

PERMIT NO

ELEVATIONS (Show whether DF, RT, GR, etc.)

5679' GR

5687' KB-datum

18.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

Completion history

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

API No. 30-045-27552

Attached is a daily completion history synopsis for the subject well.

RECEIVED

APR 23 1990

OIL CON. DIV.;
DIST. 3

18. I hereby certify that the foregoing is true and correct

SIGNED

Paul C. Bertoglio

TITLE Sr. Petroleum Engineer

DATE

4/4/90

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED FOR RECORD

DATE

APR 17 1990

FARMINGTON RESOURCE AREA

BY

*See Instructions on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and conditioned for final inspection looking to approval of the abandonment.

PRIVACY ACT

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et. seq., 451 et. seq., 25 U.S.C. et. seq., 43 CFR 3160.

PRINCIPAL PURPOSE: The information is to be used to evaluate, when appropriate, approve applications, and report completion of secondary well operations, on a Federal or Indian lease.

ROUTINE USES: (1) Evaluate the equipment and procedures used during the proposed or completed subsequent well operations. (2) Request and grant approval to perform those actions covered by 43 CFR 3162.3-2(2). (3) Analyze future applications to drill or modify operations in light of data obtained and methods used. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this notice and report and disclosure of the information is mandatory once an oil or gas well is drilled.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501, et. seq.) requires us to inform you that:

This information is being collected in order to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

This information will be used to report subsequent operations once work is completed and when requested, to obtain approval for subsequent operations not previously authorized.

Response to this request is mandatory for the specific types of activities specified in 43 CFR Part 3160

BHP PETROLEUM (AMERICAS), INC.
E.H. PIPKIN NO.36-2
NW NE SECTION 36 T28N - R11W
BASIN FRUITLAND COAL FIELD
SAN JUAN COUNTY, NEW MEXICO

COMPLETION HISTORY

2-13-90 MI RUCT. NU BOP. Cleaned out well to 1762' KB. Pressure tested casing to 3000 psi. Swabbed fluid level to 500'. TOOH. Perf'd Lower Fruitland Coal from 1603' to 1618' with 4 JSPF. TIH with packer. Set packer @ 1558'. Swabbed well down and tested well - no flow. SIFN.

2-14-90 Brokedown perfs with 8 bbls. 2 % KCl water @ 3.5 BPM. Swab back load and SIFN.

2-15-90 Swab and flow tested well. SIFN.

2-16-90 Swab and flow tested well. SIFN.

2-17-90 Flow test well @ 8 MCFD dry gas. SIFN.

2-18-90 Flow test well @ 12 MCFD dry gas. SIFN.

2-19-90 Shut in.

2-20-90 SITP 174 psi. Bled off pressure. Released and pulled packer. Frac'd down casing at 20 BPM with 48,000 gals 70 Q foam containing 5,000 lbs of 40-70 sand and 53,000 lbs. of 20-40 sand. Flowed back frac to tank.

2-21-90 Well dead. Cleaned out hole to 1762' with nitrogen. Flow tested well @ 170 MCFD.

2-22-90 Continued flow testing. Recovered 5 bbls water. Gas rate 120 MCFD.

2-23-90 Continued flow testing. Recovered 5 bbls water. Gas rate 120 MCFD.

2-24-90 TOOH. Ran tracer log. Set RBP at 1540'. TIH. Circulate hole with 2 % KCl water. TOOH. Perf stray Fruitland Coal from 1512' to 1515' with 4 JSPF. TIH with packer and set @ 1450'. Brokedown perfs 4 bbls of 2 % KCl water. Swab back load. SIFN.

2-25-90 Swab and flow tested. 0 bbls water and 9 MCFD. SIFN.

2-26-90 Flow test 9 MCFD. SI.

2-27-90 Flow test 7 MCFD. SI.

2-28-90 SITP 450 psi. Blew well down. Released packer. Plugged back to 1490' with sand. Circulate hole with 2 % KCl water. TOOH. Perf'd Upper Fruitland Coal from 1427' to 1431' and 1434' to 1436' with 4 JSPF. TIH and set packer at 1353'. Swab well down. Brokedown perfs with 4 bbls of 2 % KCl water. Swab back load. SIFN.

3-1-90 SITP 320 psi. Blew well down and tested - TSTM. SIFN.

3-2-90 SITP 400 psi. Blew well down and tested - 5 MCFD. SIFN.

3-3-90 SITP 400 psi. Blew well down and released packer. TOOH. Frac'd down casing with 43,000 gals of 70 Q foam containing 5,000 lbs 40-70 sand and 39,000 lbs of 20-40 sand. Flowed back frac. Left well flowing to tank overnight.

3-4-90 Well dead. TIH with tubing to 1427'. Swab well in and test at 50 MCFD.

3-5-90 Continue flow testing - 85 MCFD.

3-6-90 Cleaned out well to 1500' with nitrogen. Ran tracer log. Swab well down and kicked off flowing. Left flowing to tank overnight.

3-7-90 Flowing - 150 MCFD. Blew well down. Cleaned out to RBP with nitrogen. Pulled RBP. TIH with tubing and cleaned out to 1762' with nitrogen. PU and landed 49 jts 2 3/8" tubing at 1622'. ND BOP. NU wellhead. Released rig. Flow test well overnight.

3-8-90 24 hrs flowing FTP - 120 psi; 400 MCFD dry gas.

3-9-90 24 hrs flowing FTP - 115 psi; 390 MCFD; recovered 3 bbls load water.

3-10-90 24 hrs flowing FTP - 120 psi; 400 MCFD.

3-11-90 24 hrs flowing FTP - 120 psi; 400 MCFD.

3-12-90 24 hrs flowing FTP - 120 psi; 400 MCFD. SI for buildup.

3-13-90 24 hrs SITP 169 psi; SICP - 175 psi.

3-14-90 48 hrs SITP 169 psi; SICP - 175 psi.

3-15-90 72 hrs SITP 175 psi; SICP - 185 psi.

3-16-90 96 hrs SITP 175 psi; SICP - 185 psi.

3-17-90 Install 2" orifice well tester with a 1/2" plate. Flow test well. After 24 hrs flowing - FTP 61 psi; CP 100 psi; 393 MCFD.

3-18-90 24 hrs flowing FTP 60 psi; CP 103 psi; 388 MCFD.

3-19-90 24 hrs flowing FTP 60 psi; CP 103 psi; 388 MCFD.

3-20-90 4 hrs flowing FTP 60 psi; CP 100 psi; 388 MCFD. Caught gas sample. SI Waiting-on-pipeline.