

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
*Do not use this form for proposals to drill or to re-enter an
Abandoned well. Use Form 3160-3 (APD) for such proposals.*

5 Lease Serial No.

SF 078580A

6 If Indian, Allottee or tribe Name

7 If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE – Other instructions on reverse side

1. Type of Well

☐ Oil Well

☒ Gas Well

☐ Other

RECEIVED

Well Name and No.

Moore E 1

2. Name of Operator

BP America Production Company Attn: Cherry Hlava

JUL 31 2009

9. API Well No.

30-045-13227

3a. Address

P.O. Box 3092 Houston, TX 77253

3b. Phone No. (include area code)

281-366-4081

Bureau of Land Management
Farmington Field Office

10. Field and Pool, or Exploratory Area

Basin Dakota/Blanco Mesaverde

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

990' FSL & 1650' FWL SESW SEC 8 T30N R08W

11. County or Parish, State

San Juan County, New Mexico

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OR NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐

Acidize

☐

Deepen

☐

Production (Start/Resume)

☐

Water shut-Off

☐

Alter Casing

☐

Fracture Treat

☐

Reclamation

☐

Well Integrity

☐

Casing Repair

☐

New Construction

☐

Recomplete

☐

Other P&A DK only

☐

Change Plans

☒

Plug and Abandon

☐

Water Disposal

☐

Convert to Injection

☐

Plug Back

Dakota only

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

As of 11/08/2003 the Dakota formation is T&A'd. BP respectfully request permission to permanently plug the Dakota formation.

RCVD AUG 5 '09

DIL CONS. DIV.

DIST. 3

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

Name (Printed/typed)

Cherry Hlava

Title Regulatory Analyst

Signature *Cherry Hlava*

Date 06/30/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Original Signed: Stephen Mason

Approved by

Title

Date

JUL 31 2009

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

NMOC

WELL NAME: Moore E 1
LOCATION: 990' FSL 1650' FWL
SEC/TWN/RNG: Sec 8 T30N R8W
COUNTY, ST: San Juan Co., NM
WELL TYPE: Gas
BP WI: 50.0% **NRI:** 34.4%
MV IP: BCPD BWPD MCFD 3.489



SPUD DATE: 12/10/50
RIG REL: 02/06/51
COMP DATE: 11/14/1955 (Perf'd and Frac'd)
SIDE TRACKED: 04/29/65
FORMATION: Mesa Verde / Dakota (T/A'd)
API#: 30-045-13227

INTERMEDIATE CASING DESIGN

7" K-55 20 and 23#/ft
 SET @ 5400'
 1ST STAGE
 2ND STAGE
 TOC Surface
 Det. By Circulated

PRODUCTION CASING DESIGN

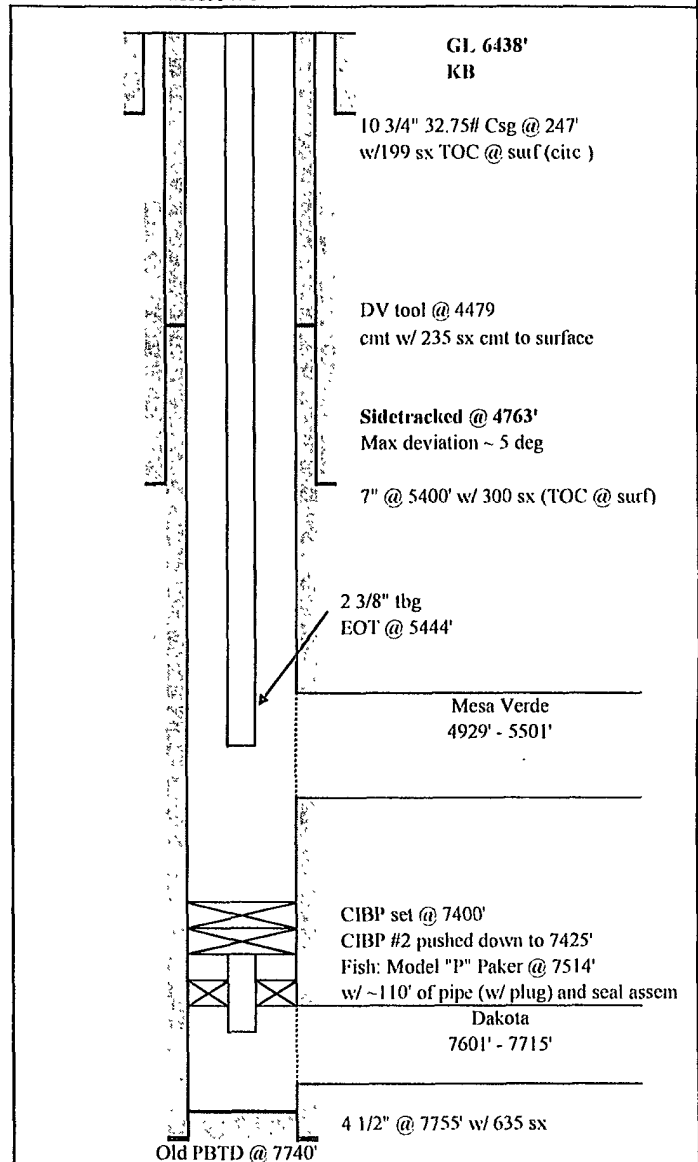
4 1/2" 238 jnts J-55 10.5 & 11 6#/ft
 SET @ 7755'
 CEMENT W/ 400 sx Class 'C' 50-50 poz
 2ND STAGE W/ 235 sx Class 'C' w/ 12% Gel
 TAIL IN W/
 CMT TOP @ Surface
 DETER. BY Circ

PERF. DATA:	SPIF	FORM.
4929' - 4945'	2 (12 Holes)	CLFH (MV)
3 4993' - 5047'	2 (40 Holes)	CLFH (MV)
3 5162' - 5168'	2 (8 Holes)	CLFH (MV)
3 5194' - 5219'	2 (16 Holes)	CLFH (MV)
2 5403' - 07', 5434' - 64'	2	PNLK (MV)
2 5486' - 96', 5501' - 06'	2	PNLK (MV)
1 7601' - 7715'	2 (22 holes)	Dakota

TUBING DATA
 2 3/8" J-55 4 7 #/ft

SET @ 5444'
 PACKER Old Model 'P' Paker @ 7514'
 S.N ID / @ ID = 1.875 @ 5436' (X Nipple)
 ID = 1.780" @ 5441' (F Nipple)

Moore E 1



FRAC JOB: (1) - DK - 74,340 gals H2O with 55,000# sand
 (2) - MV - 80,000 gal H2O with 75,000# sand
 (3) - MV - 92,820 gal H2O w/ 75,000# sand

NOTES: Well was originally drilled and completed openhole in the MV in 1950. In 1955 the open hole was frac'd and the MNFE was perf'd and Frac'd In 1965, the well was sidetracked through the original 7" casing and 4 1/2" was run to 7755'. The DK and MV were perf'd, frac'd and the well was produced as dual well. In 2003 the Dakota was TA'd w/ the plugs and packers in the hole.

Prepared By: Matt Mientka
Date: 28-Jul-09

Figure 1: Current Well Schematic for the Moore E 1



BP - SJ Basin Proposed Dakota P&A Procedure 30-045-13227

Well Name: Moore E1
Date: July 29, 2009
Location: Sec 8 T30N R08W
Engineer: Matt Mientka

Objective: Plug and Abandon DK and complete well work to repair MV.

1. Pull out of hole and lay down with 2 3/8" tubing.
 2. Run CBL from CIBP @ 7400' to surface.
 3. RIH and spot cement plug above CIBP @ 7400'.
 4. Set new CIBP @ 5600'
 5. Land tubing in MV perforations.
-

Well History: The Moore E1 was drilled in 1950. It was completed with 7" casing landed just above the Point Lookout and produced open hole from the lower sand of the Mesa Verde. In 1955 the open hole was frac'd and sands in the upper Mesa Verde were perforated and frac'd as well. In 1965, the open hole was abandoned and the well was sidetracked through the original 7" casing. The new wellbore was drilled to the Dakota and 4 1/2" casing was run to 7740' MD and cemented back to surface with a two stage job. The well was completed in both the Dakota and Mesa Verde with perforations and water fracs. A production packer was set @ 7514' and the well produced as a dual well. In 2003, BP temporally abandoned the Dakota. The packer, ~100' of tubing, and two cast iron bridge plug were left in the hole and are now isolating the Dakota formation. It would not be economic at this time to attempt to fish and restore production in the Dakota formation. The Dakota will be plugged so that the well can be optimized for Mesa Verde Production.

Pertinent Information

Gas BTU content for this well is 1222, Sp gr. is 0.7111 (1/17/2009). Venting and Flaring document needs to be followed with the assumption that BTU content is above 950.

Location:	Unit N Sec 8-T30N-R08W	CO2:	1.319%
Regulatory:	BLM and NMOCD	H2S:	None Known
Engineer:	Matt Mientka		
Deer/ELK:	12/1 – 3/31		

Procedure

1. Contact BLM and NMOCD 24 hrs before beginning P&A process to ensure scheduling of personnel to witness casing pressure testing, CBL results and cement placement.
2. Check and record tubing, casing, and bradenhead pressures. Check gas H₂S content and treat if the concentration is > or equal to 10 ppm.
3. MIRU workover rig. LO/TO all necessary equipment including but not limited to: meter run, Automation, Separators and water lines. Test BOPs.
4. Kill well and POOH with 2 3/8" tubing and lay down.
5. Run CBL from CIBP' @ 7400' to surface. Find TOC behind 4 1/2" and contact engineer to discuss any remedial cement squeeze work.
6. RIH with 2-3/8" open-ended workstring to ~7400'. Pump and displace ~9 cu. ft of G-Class cement from 7400' to 7350'. This will abandon the Dakota formation with a mechanical barrier and 50' and ~50' excess. WOC.
7. Pick up plug and setting tool and RIH. Set CIBP @ +/- 5600'. POOH with setting tool.
8. Make up production BHA and run in hole with 2 3/8" production string. Land tubing @ +/- 5400'.
9. Nipple down BOP and nipple up tree. Return well to production.