

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.*

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

RECEIVED
OCT 24 2008

5. Lease Serial No

NMSF - 076337

Bureau of Land Management

6. If Indian, Allottee or tribe Name: Minnington Field Office

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

8. Well Name and No.

Heath Gas Com G 1E

2. Name of Operator

BP AMERICA PRODUCTION COMPANY

9. API Well No.

30-045-24377

3a. Address

PO BOX 3092 HOUSTON, TX 77253

3b. Phone No. (include area code)

281-504-0921

10. Field and Pool, or Exploratory Area

BASIN DAKOTA & BLANCO MESAVERDE

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

1820' FSL & 800' FEL: SEC 8 T29N R09W NESE Mer NMP

11. County or Parish, State

SAN JUAN, NM

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

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☒ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Water Disposal

☐ Water shut-Off

☐ Well Integrity

☒ Other Set a CIBP over DK

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 recompleate 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 recompleation 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.

The Dakota formation in the above mentioned well is not strong enough to keep the well unloaded.

BP America respectfully request permission to set a Bridge Plug over the Dakota formation at approximately 4650' for a period of 2 years or until we can refrac the Dakota.

Please see the procedure attached.

RCVD OCT 30 '08
OIL CONS. DIV.

14 I hereby certify that the foregoing is true and correct
Name (Printed/typed)

DIST. 3

Cherry Hlava

Title Regulatory Analyst

Signature Cherry Hlava

Date 10-23-2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Original Signed: Stephen Mason

Title

Date

OCT 28 2008

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.

NMOCD

8/1/17

SJ Basin Well Work Procedure

30-045-24377

Well Name: Heath GC G 1E – MV/DK

Location: T29N-R09W-Sec08

County: San Juan

State: New Mexico

Engr:

Matt Mientka

Horizon: MV/DK

PH

281-366-5721

CO2 : 1.18%

H2S: YES, 4 ppm on 7/12/08

Date: October 20, 2008

Repair Type: Well Servicing & Plug Back

Objective: Plug back well to Mesa Verde, Temporally Abandon (Shut In) the Dakota.

1. Pull completion.
2. Clean out fill to PBTD if present
3. Replace tubing as necessary.
4. Land CIBP @ 4650' (T&A the Dakota)
5. Re-land tubing higher in MV perfs.
6. Return well to production with plunger.

Pertinent Information: Gas BTU content for this well is 1247 on 6/19/2008; specific gravity is 0.725. Venting and Flaring document needs to be followed if BTU content is above 950.

Well History: Well completed in the Dakota in 1981. Bradenhead repair in March of 1993. Mesa Verde Payadd in January of 2002. Cleanout in December of 2005. In March of 2006, Coil tubing attempted to mill scale out of tubing. After Coil tubing workover was not successful, top 500' of tubing was pulled and replaced. In January of 2007, 20 bbl of HCl acid was 'bull headed' down the backside.

Procedure:

1. Check anchors. Check ID wellhead, determine if equipment is acceptable or obsolete and replace if necessary, if earth pit is required have One Call made 48 hours prior to digging.
2. Check and record tubing, casing, and bradenhead pressures. Ensure production casing has double casing valves installed. Double valve all casing strings.
3. RU slickline unit or wireline unit. Pressure test lubricator and equipment. RIH and set **two** barriers (CIBP, tbg collar stop w/plug, or plug set in nipple) for isolation in tubing string.
4. Check and record tubing, casing, and bradenhead pressures. Ensure production casing has double casing valves installed. Double valve all casing strings
5. MIRU workover rig.
6. Blow down well. Kill with 2% KCL water ONLY if necessary.

7. Check all casing strings to ensure no pressure exist on any annulus. The operations of removal of wellhead and installation of BOP's will be performed under a dispensation for one (1) barrier on the backside.
8. Nipple down Wellhead. NU BOPs and diversion spool with 3" outlets and 3" pipe to the blow tank. Pressure test BOPs. Monitor flowing casing pressure with gauge (with casing flowing to blow tank) throughout workover.
9. Pull tubing hanger and shut pipe rams and install stripping rubber.
10. POOH with 2-3/8" production tubing currently set at **6736'** using approved "Under Balance Well Control Tripping Procedure". **Well has had sever scale problems in past, change out scaled tubing as necessary and obtain a sample of the scale for analysis.**
11. RIH with bit, and scraper for 4-1/2" casing to **4650'**. Work scraper across MV perforation intervals if needed. **6570**
12. POOH. Reference "Under Balanced Well Control Tripping Procedure".
13. RIH with CIBP and Packer. Set at plug @ +/- **4650'**. Pull out one joint, set packer, and test CIBP. POOH with packer. **6570**
14. Pick up any required replacement joints of 2 3/8" tubing and RIH.
15. Land new 2-3/8" production tubing at +/- 4550'. Lock down hanger.
16. Pressure test tubing to 500 psi with air unit, make sure tubing spool valves are open. Care should be taken during pressure testing of the tubing due to potential problem caused if tubing parts close to surface or above the hanger. Check all casing string for pressure. The operations of removal of BOP and installation of wellhead will be performed under a dispensation for one (1) barrier on the backside.
17. ND BOP's. NU Wellhead. During Master valve placement ensure the top of hanger has spacer nipple in place to bottom of bonnet flange so plunger equipment will not hang up through tree. Pressure test Wellhead if capable.
18. RU WL unit. **Run Broach for 2-3/8" tubing.** Pull plugs and set tubing stop for plunger. Communicate plunger equipment status to IC room personnel.
19. RD slickline unit.
20. Test well for air. Return well to production.
21. Ensure all reports are loaded into DIMS. Print out summary of work and place in Wellfile. Have discussion with production engineer/optimizer about particulars of well when handing off the well file.



WELL NAME: **Heath GC G #1E**
LOCATION: **1820' FSL 800' FEL**
SEC/TWN/RNG: **8 T29N R9W**
COUNTY, ST: **San Juan Co., NM**
WELL TYPE: **Gas**
BP WI: **100.0% NRI: 86.3%**

BCPD	BWPD	MCFD
		1,630
		425

SPUD DATE: **12/29/80**
RIG REL: **01/11/81**
COMP DATE: **02/11/81**
FORMATION: **Mesa Verde / Dakota**
API#: **30-045-24377**

DK AOFF
MV IP

INTERMEDIATE CASING DESIGN

7"
K-55 20#/ft
SET @ **2601'**
1st Stg CEMENT **310 sx Class 'B' (50/50 Poz, 6% gel)**
TAIL IN W/ **100 sx Class 'B' neat**
TOC **660'**
Det. By **CBL (3/93)**

PRODUCTION CASING DESIGN

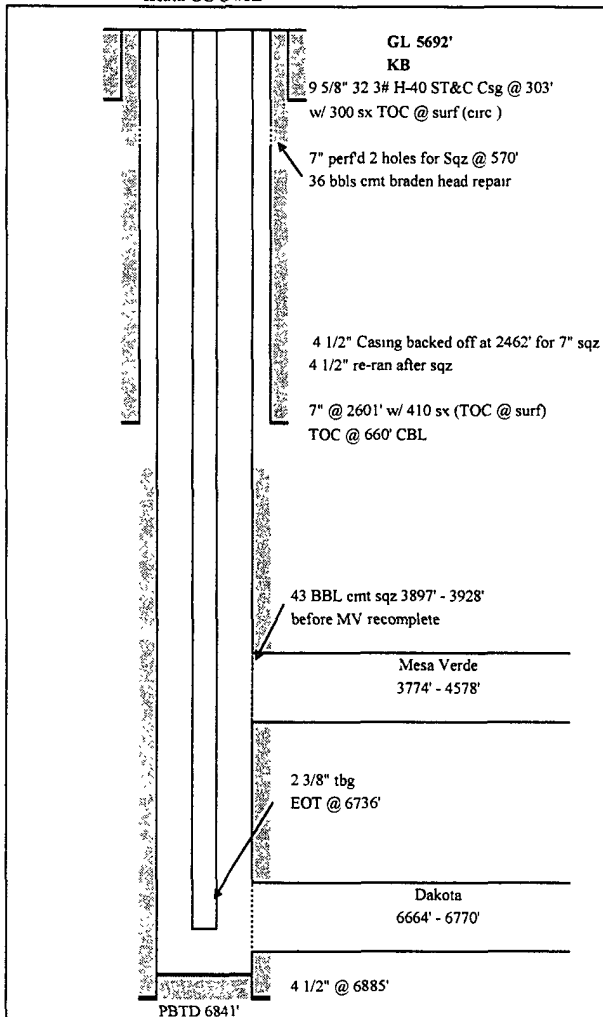
4 1/2"
K-55 10 5#
SET @ **6885'**
CEMENT W/ **370 sx Class 'B' (50/50 Poz, 6% gel)**
TAIL IN W/ **150 sx Class 'B' neat**
CMT TOP @ **?**
DETER. BY

	PERF. DATA:	SPF	FORM.
3	3774' - 4242'	2 (46 Holes)	Mesa Verde
2	4336' - 4578'	2 (40 Holes)	Mesa Verde
1	6578' - 6586'	4 (32 Holes)	Dakota
1	6664' - 6688'	2 (32 Holes)	Dakota
	6578' - 6770'	118 Holes	Dakota Re-perf

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

SET @ **6736'**
PACKER
S.N ID / @
ID = 1 875 @ 6730' (X nipple)
ID = 1 780" @ 6735' (F Nipple)

Heath GC G #1E



FRAC JOB: (1) - 53,000 gal H2O water fluid w/ 151,000 20/40 sand
(2) - 81,481# of 16/30 with 70Q N2 Foam (614 BBL and 790 MSCF N2)
(3) - 81209# 16/30 with 70Q N2 Foam (610 BBL and 656 MSCF N2)

NOTES: 6-1/4" OH drilled with mud at TD, 3/93 - Bradenhead repair and
sqz'd leak in 4-1/2" csg 12/95 - Reperforated DK 1/02 - MV payadd
12/05 -WO to cleanout 3/06 - Coil rig attempt to mill tight spot out of tubing
4/06-reran top 500' of 2 3/8" 1/07-overbalanced pump 20bbl HCl down backside

Prepared By: **Matt Mientka**
Date: **11-Aug-08**