

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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.*

JUL 02 2009

5 Lease Serial No.

NMSF 078905

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

2. Name of Operator

BP America Production Company Attn: Cherry Hlava

3a. Address

P.O. Box 3092 Houston, TX 77253

3b. Phone No. (include area code)

281-366-4081

8. Well Name and No.

Gallegos Canyon Unit 259 SWD

9. API Well No.

30-045-20006

10. Field and Pool, or Exploratory Area

SWD;MV

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

740' FSL & 810' FEL SESE SEC 14 T28N R12W

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



Change Plans



Plug and Abandon



Water Disposal



Convert to Injection



Plug Back

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.

BP America respectfully requests permission to perform an acid job on the above mentioned Saltwater Disposal well.

Please see the attached procedure. Should you have any questions please contact Nona Morgan @ 281-366-6207

RCVD JUL 7 '09
OIL 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 06/29/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Original Signed: Stephen Mason

Approved by

Title

Date

JUL 02 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.

NMOCD

KD 7/9

SJ Basin Well Work Procedure

Well Name: GCU 259 SWD
Version: 1.0
Date: June 24, 2009
Budget: GCU Well Servicing
Repair Type: Acidizing MV formation
SAP Number: X6-0036F

Objective: *Acidize Mesa Verde to improve injection efficiency - Rigless*

1. TIH w/ wireline to locate fill and check for scale
2. MIRU Pumping equipment
3. Pump chemicals and monitor pressure readings
4. Shutdown pumping equipment
5. Record data and return well to injection in the MV

Well History - Well Serv. - Sept 20, 1957 started up as an oil producing well.; Well Serv. - Dec 1971 - Acid treatment; Well Serv. - March 1973- Plug and Abandon Gallup; Well Serv. - March 1978 - Well Completed in MV as an injector; Well Serv. 7/2001- Replace old tubing with IPC tubing & Perform Mechanical Integrity Tests; Well Serv. - 8/2003 - Acidize wellbore; Well Serv - 8/2004 - Acidize wellbore; Well Serv 1/2005- Mechanical Integrity Tests

Pertinent Information:

UIC permit: # NN297000014
Unit P Sec 14 T 28N- R 12W
API 30-045-20006
Lease No. SF078905

NOTE: *Although H2S is not expected to be present, take precautions prior to pumping Acid !!*

Mesa Verde Data:

Current Injection Information:

Avg Injection pressure: 825 #

Max. allowable disposal pressure: 900 #

General Wellbore Information:

Casing: 4-1/2" 10.5# K 55 @ 5830' w/ 1650 sxs cmt circ to surface

Tubing: 2.375" IPC 4.7# J-55 8rd @ 3242' is set below the Baker Model AD- 1 Retrieval packer set @ 3238'

4470' 15 sxs cmt plug @ 4470'

5640' 50 sxs cmt plug

DV tool @ 4467'

MV perfs: 3220'-3350' @ 4 spf; 3900'-3930' @ 2 spf; 4130'-4190' @ 2 spf

GP perfs: 5728'- 5736' sqzd w/ 20 sxs from 50 sxs

Contact Engineer: Nona Morgan

Off ph: 281-366-6207

Cell ph: 713-890-2002

Email: Nona.Morgan@bp.com

HSSE Policy Reminders;

- Hold pre-job safety meetings each morning
- Ensure proper PPE is worn while on location at all times
- Conduct JSA/Risk Assessment prior to each job scope change or prior to allowing a new person to start a job
- Comply with BP's Golden Rules of Safety (*work permit, energy isolation, ground disturbance, confined space entry, working at heights, lifting operations, vehicle safety and management of change*)
- Check and record well pressures each day prior to job commencement
- All pressure tests should be recorded

Normal Operating Procedures:

- ADM 5102 Preliminary Well Work Checklist
- INS 8908-00 Power Down Automation
- NOP 8601-00 Procedure for Lockout / Tagout
- NOP 7801-00 Operating Policy for Simultaneous Operations
- NOP 7803-01 Procedure For At Risk Well Locations
- NOP 7804-01 Wellbore Air Purge
- NOP 7809-00 Spill Reduction Procedure for Wells Team
- NOP 7811 Site Security for Well Operations
- NOP 7812 Under Balanced Well Control Tripping
- DWOP Drilling and Well Operation Policy
- Dispensations SJPU and SJS DWOP Dispensations

Dispensations:

- Section 9.4.1 (Issue #5, May 2003) - Document #K5500000267
- Stripping rubber to be used instead of Hydril / Annual Preventer.
- Section 24.2 (Issue #5, May 2003) - Document #K5500000261
- No dual mechanical barriers in annulus during all well servicing

Procedures:

Main Objective;

Injection pressure at the wellhead is approaching the maximum allowable limit for disposal as determined by GCU Operations monitoring of pressure. To improve the wells injectivity, the well will be treated with acid to clean the Mesa Verde perforations.

1. Shut well in and lock out tag out production equipment. Set swab tank or dig workover pit to receive any fluids.
2. Notify the following Inspectors 48 hrs prior to working on the well:
 - a). Kelly Roberts (OCD) 505-334-6178 ext. 16
 - b). David Basinger (EPA) 415-972-3506
 - or David Albright (EPA) 415-972-3971
 - c). Bill Freeman (Navajo UIC) 505-368-1041
3. Rig up recorders to monitor and record tubing and casing pressures

4. PU and TIH with wireline tag to locate any fill/obstruction and check for scale. If obstruction exists above 3230' or fill is above 3320' notify Houston engineering about the next steps to follow. POH. Broach clean any tight spots where possible.

Acid Pumping:

5. Rig up acid pumping equipment and truck. (*Pumping capability should be in the range of 1 - 5 bpm, with the ability to vary the pumping rate.*) Check and verify lineups have been made properly.
6. Carry out the suggested steps below to bullhead acid to preferred locations within the MV perms. Utilize WSL recommendations based on wellsite observations and WL tag results for the actual steps.
 - a. Start pumping truck and bullhead 15% HCL down long string of 2 3/8" tubing with 1250 gals. Pump rate for liquids solutions should be set at 4 bpm to start (est. 1800 psig max.) A maximum pressure of 1800 psig can only be approached during the ACID TREATMENT steps. If pressure exceeds this reading, consult with Houston engineer to consider reducing pump in rate.
 - b. POH. Wait 1 -hr for soak-time.
 - c. Pump down another 1250 gals of 15% HCL acid solution. This should provide a total volume of 2500 gals of acid pumped in the well.
 - d. When acid pumping is complete, wait 1-hr for soak-time.
 - e. Overflush perms from SW disposal transfer tanks.
 - f. Monitor and record pressures observed at surface after treatment.
7. If pressure readings are satisfactory (i.e. < 900 psi), then shut down pumping equipment and return well to injection. (*Maximum injection pressure should not exceed 900 psi at this point.*)
8. If pressure readings are not satisfactory, then consult with Houston engineering for additional treatment steps.
9. When complete, enter all information into DIMS.



Gallegos Canyon Unit 259
Pinon Gallup - Water Injection
API # 30-045-20006
740' FSL & 810' FEL, Sec. 14
T-28-N, R-12-W
San Juan County, New Mexico

G.L.
K.B. 13'

