Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANGEMENT

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: **NMSF – 080844-A**

6 If Indian, Allottee or tribe Name

RCVD JAN 29 '08

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

OIL CONS. DIV.
DIST. 3

SUBMIT IN TRIPLICATE – Other instructions on reverse side

RECEIVED
JAN 1 8 2008
Bureau of Land Management
Farmington Field Office

1 Type of Well: ☐ Oil Well ☒ Gas Well ☐ Other

8 Well Name and No: **Gallegos Canyon Unit 182**

2 Name of Operator: **BP America Production Company Attn: Cherry Hlava**

9 API Well No: **30-045-07302**

3a Address: **P.O. Box 3092 Houston, TX 77253**

3b Phone No. *(include area code)*: **281-366-4081**

10 Field and Pool, or Exploratory Area: **Fruitland Coal**

4 Location of Well *(Footage, Sec., T., R., M., or Survey Description)*: **1740' FSL & 900' FEL Sec. 19 T28N, R11W NESE**

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	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water shut-Off
	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
Subsequent Report	☐ Change Plans	■ Plug and Abandon	☐ Water Disposal	
Final Abandonment Notice	☐ 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 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

Compliance Well

BP America has reviewed the above mentioned well and finds no further reserves potential remaining. Repair of the well is considered risky due to the inability to fix or diagnose the problems to date.

The GCU 416 & GCU 417 are both producing from the FC in the same section and are poised to recover the remaining resources in the section.

BP respectfully requests permission to plug and abandon said well

Please find attached the P&A procedure. Should you have any questions please call Kegan Rodrigues @281-366-3457

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

Cherry Hlava | Title Regulatory Analyst

Signature *Cherry Hlava* | Date 01/17/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Original Signed: Stephen Mason		JAN 2 8 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 witin its jurisdiction.

NMOCD

San Juan South Plugging Procedure

Well Name:	**Gallegos Canyon Unit 182**	**API #**	**30-045-07302**
Work Type:	**P&A of Wellbore**		
Location:	**T28N-R11W-Sec19-Unit I**		
County:	**San Juan**		
State:	**New MexicoEngineer:**	**Kegan M. Rodrigues**	
Horizon:	**Fruitland**	**Office: (281)366-3457**	

Objectives

P&A Wellbore: Locate TOC on 4 -1/2" csg. Ensure interval isolation throughout wellbore.

1. POH with rods, pump.
2. Clean out wellbore.
3. Set CIBP and pressure test wellbore.
4. Run CBL on 4-1/2" casing.
5. Set cement plugs to isolate intervals and plug to surface.
6. Cut off wellhead; ensure casing and all annulus are cemented; Set P&A marker.
7. Rig down, move off location.
8. Restore location as specified.

History

- The well was spudded on 10/4/64 as a DK well
- Well completed in DK on 10/29/64; perforated interval 6172'-6198'
- Bradenhead repair on 11/19/1993
- Plugged Dakota interval and set cement plugs on 9/5/2003
- Completed Fruitland Coal interval on 9/9/2003; 1576'-1600'
- Well has had a history of rod, pump, and tubing repairs
- Well had produced poorly compared to offset wells

Detailed Procedure

1. Contact BLM and NMOCD 24hrs before beginning P&A process to ensure scheduling of personnel to witness casing pressure testing, CBL results, and cement placement.

2. Perform pre-rig site inspection. Per Applicable Documents, check for: size of location, gas taps, other wells, other operators, production equipment, wetlands, wash (dikes req.), H2S, barriers needed to protect equipment, landowner issues, location of pits (buried lines in pits), raptor nesting, critical location, check anchors, ID wellhead, etc. Allow 48 hours for One Call if earth pit is required.

3. Have location stripped prior to rig move as this is a final wellbore P&A.

4. Perform second site visit after lines are marked to ensure all lines locations are clearly marked and that Planning and Scheduling has stripped equipment and set surface barricades as needed.

5. LO/TO all required equipment, including, but not limited to the meter run, automation, separator, etc. Review JHA's and 8 Golden Rules.

6. Check and record tubing, casing, and bradenhead pressures daily. Ensure production casing and bradenhead valves are double valved.

7. Check gas H2S content and treat if $\geq$ 10 ppm. Treat for H2S as necessary per the H2S Wells Notice. **Note: No H2S is expected at this wellsite location.**

8. Conduct lifting JHA, fill out permit for man lift if pump jack does not have a ladder. Lift employee to walking beam.

9. Lay down horse's head and unseat pump.

10. TOH with rods and pump.

11. RIH and set two barriers; plug in profile nipple and BPV in hanger for isolation in tubing string (1.78" F-nipple @ 1715') Conduct this work per the Well Control Notice.

12. MIRU workover rig. Hold safety meeting and perform JSA. Complete JHA. Ensure that all necessary production equipment is isolated (LOTO).

13. Make up 3" flowback line(s) and blow down well. Kill with 2% KCL or fresh water as necessary.

14. Check all casing strings to ensure no pressure exist on any annulus. Record tubing, casing and bradenhead pressures. The operations of removal of wellhead and installation of BOP will be performed per the DWOP Dispensation for a single mechanical barrier in the annulus.

15. ND wellhead. NU BOP and diversion spool with 3" outlets and 3" pipe to the pit or vent tank. Monitor flowing casing pressure with gauge (with casing flowing to blow tank) throughout job, if available. Pressure test BOP to low of 250 psi for 5 minutes and high of 1000 psi. Install spool, stripper head, and stripping rubber. Pull tubing hanger up above pipe rams, close pipe rams, and strip tubing hanger out of hole.

16. TOH w/ 2-3/8" tubing currently set @ 1730'. Visually inspect tubing while POOH for corrosion, scale etc and report to engineer. Use existing tubing as the workstring if it appears to be in good condition. Work will be done per the "Under Balance Well Control Tripping Procedure".

17. TIH with bit and scraper for 4-1/2" casing to the top of the Fruitland perforations at 1576'. Clean out and POOH w/ scraper.

18. RIH w/ 4-1/2" CIBP on workstring and set plug @ 1526' avoiding any casing collars.

19. Load hole and circulate out any produced fluids. Pressure test casing to 500 psi. If casing doesn't test RIH with retrievable plug and find hole in casing. Contact engineer if squeezes are required. Monitor bradenhead for any signs of communication.

20. RU wireline and run USIT/CBL on 4-1/2" casing from 1526' to surface. Report casing load and pressure test results, bradenhead pressure and bleed details, and TOC to the BLM, NMOCD, and Engineer. **NOTE: Expected cement to surface from volumetric calculations and past cementing reports.**

21. Upon reviewing the 4-1/2" CBL results, it will be determined if and where cement will be needed behind casing to cover the required intervals. The steps below assume good cement to surface. The following steps are subject to change based on the casing pressure test and CBL results.

22. RIH with 2-3/8" open-ended workstring to 1526'. Spot ~~150'~~ (~~13.4 cu~~. ft) of G-Class cement on top of CIBP from 1526'-~~1376'~~. 1250'

23. POOH to 361', ~8-5/8" casing shoe. Pump and displace a ~~361~~ 581' (~~32.3~~ cu. ft) G-Class cement plug from ~~380~~ 581' to surface inside the 4-1/2" casing (assuming casing does not need to be perforated for squeeze work). This will be the surface plug, isolating the Kirtland and Ojo Alamo intervals when present.

24. POOH w/ work string, making sure to top off 4-1/2" casing. This will place a cement plug to surface according to NMOCD requirements (50' minimum surface plug). WOC.

25. ND BOP. Perform underground disturbance and hot work permits. Cut off tree. Send wellhead equipment to service company for evaluation and restocking.

26. If cement cannot be seen on all annuli and casing strings after removing wellhead, remedial cementing at the surface will be required.

27. Install 4' well marker and identification plate per NMOCD BLM requirements.

28. RD and release all equipment. Remove all Wells Team LOTO equipment.

29. Ensure all well work details and well bore equipment report are entered in DIMS. Print DIMS summary of work and wellbore diagram and put in well file. Notify Sherri Bradshaw and Cherry Hlava of completed P&A for final regulatory agency reporting and database clearing.

30. Submit work request to Planning and Scheduling to prepare location for reclamation and reseeding.

bp

CURRENT WELLBORE

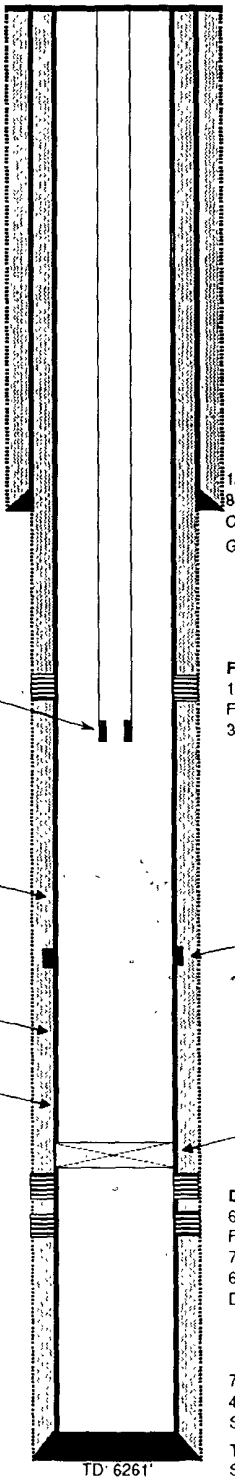
Gallegos Canyon Unit 182
Dakota Basin
API # 30-045-0730200
1740' FSL X 900' FEL
Sec 19 T-28-N, R-11-W
San Juan County, New Mexico

G L 5713'
K B 5725'

Well History:
Spudded on 10/4/64 as DK well
Completed in DK on 10/29/64
Bradenhead repair on 11/19/93
Plugged DK interval 9/5/03
Completed FC on 9/9/03
Changed rods/pump 1/9/04
Well has produced poorly compared w/ offsets

Formation Tops:

Sand & Shale	0
Pictured Cliffs	1605
Lewis Shale	1750
Mesaverde	3140
Mancos	4330
Gallup	5218
Base Gallup	5600
Greenhorn	6002
Graneros Sha	6064
Graneros Dak	6100
Main Dakota	6168



12 1/4" Hole
8 5/8", 24# @ 361'
Cmt w/ 225 sxs cement w/ 2% $CaCl_2$
Good cement circulated to surface

Completion BHA
2-3/8", 4.7#, J-55 EUE tubing @ 1730'
1.78" ID profile nipple @ 1715'
2-3/8" mule shoe @ 1716'

Fruitland Coal Perforations
1576' - 1600', 3SPF, 72 holes
Fracd w/ 500 gal w/ 15% HCL.
39,000 lb 16-30 sand, 70% N2 foam

Cement Plug
TOC @ 3050'
150 ft, 12 sxs
G-Class cement

Stage Collar @ 4437'

Cement Plug
TOC @ 5100'
150 ft, 12 sxs
G-Class cement

Cement Plug
TOC @ 5890'
150 ft, 12 sxs
G-Class cement

CIBP @ 6100'

Dakota Perforations
6172' - 6198', 2SPF
Frac w/ 51,114 gal water containing 1% CaCl2 and
7 lb J-2/1000 gal. w/ 40,000 lb sand
6120' - 6128', 3SPF
Did not frac

7 7/8" Hole
4 1/2", 10.5# @ 6260'
Stage1) Cmt w/ 400 sxs 6% gel, 2 # medium tuff plug/sk
Tailed in 100 sxs cement
Stage2) Cmt w/ 1000 sxs, 6% gel 2# medium tuf plug/sk
Cement circualted to surface

TD 6261'
Original PBTD 6224'
Current PBTD 6100'

Kegan Rodrigues 1/15/08

bp

CURRENT WELLBORE

Gallegos Canyon Unit 182
Dakota Basin
API # 30-045-0730200
1740' FSL X 900' FEL
Sec 19, T-28-N, R-11-W
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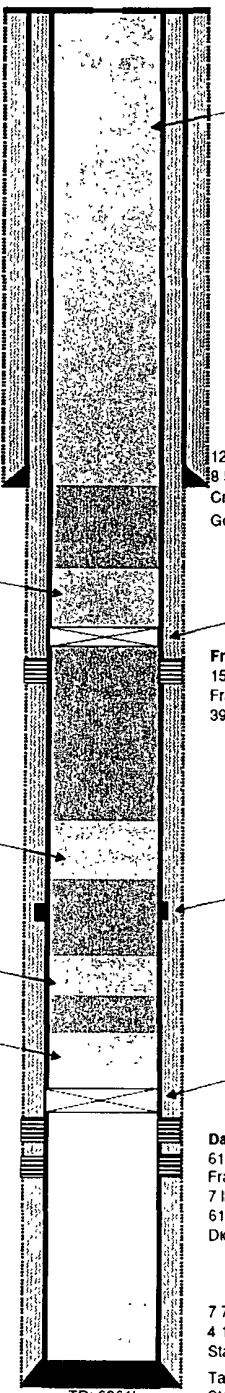
Mancos	4330
Gallup	5218
Base Gallup	5600
Greenhorn	6002
Graneros Sha	6064
Graneros Dak	6100
Main Dakota	6168



Surface Plug-Ojo/Kirtland
TOC @ surface
361 ft, ~32 3 cu ft
G-Class cement

12 1/4" Hole
8 5/8", 24# @ 361'
Cmt w/ 225 sxs cement w/ 2% $CaCl_2$
Good cement circulated to surface

Cement Plug
TOC @ 1376'
150 ft, ~13 4 cu Ft
G-Class cement

CIBP @ 1526'

Fruitland Coal Perforations
1576' - 1600', 3SPF, 72 holes
Fracd w/ 500 gal w/ 15% HCL.
39,000 lb 16-30 sand, 70% N2 foam

Cement Plug
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Kegan Rodrigues 1/15/08

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: 182 Gallegos Canyon Unit

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."

2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.

3. The following modifications to your plugging program are to be made:

a) Bring the top of the Pictured Cliffs/Fruitland plug to 1250'.

b) Place the Kirtland/Ojo Alamo/Surface plug from 581' to Surface.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.