

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

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.

SUBMIT IN TRIPLICATE - Other instructions on page 2

| | | |
|--|--|---|
| 1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other | | 5. Lease Serial No. 1149IND8486 |
| 2. Name of Operator BP AMERICA PRODUCTION CO | | 6. If Indian, Allottee or Tribe Name EASTERN NAVAJO |
| 3a. Address 1199 MAIN AVE SUITE 101 DURANGO, CO 81301 | | 7. If Unit or CA/Agreement, Name and/or No. 892000844F |
| 3b. Phone No. (include area code) Ph: 281.366.7148 | | 8. Well Name and No. GALLEGOS CANYON UNIT 202E |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 33 T29N R12W NENW 0990FNL 1800FWL 36.687576 N Lat, 108.106873 W Lon | | 9. API Well No. 30-045-24342-00-S1 |
| | | 10. Field and Pool or Exploratory Area UNNAMED |
| | | 11. County or Parish, State SAN JUAN COUNTY, NM |

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|---|---|--|--|---|
| <input type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Hydraulic Fracturing | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other |
| | <input type="checkbox"/> Change Plans | <input checked="" type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

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 recompleat 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 must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Please see the attached P&A operations performed on the subject well April- May 2018.

Eastern Navajo
892000844F

NMOCD
DEC 12 2018
DISTRICT III

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

**Electronic Submission #422977 verified by the BLM Well Information System
For BP AMERICA PRODUCTION CO, sent to the Farmington
Committed to AFMSS for processing by JACK SAVAGE on 11/09/2018 (18JWS0082SE)**

| | |
|-----------------------------------|--------------------------|
| Name (Printed/Typed) TOYA COLVIN | Title REGULATORY ANALYST |
| Signature (Electronic Submission) | Date 06/07/2018 |

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

| | | |
|---|---|-------------------|
| Approved By ACCEPTED | Title JACK SAVAGE PETROLEUM ENGINEER | Date 11/09/2018 |
| 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 Farmington |

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.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Final Abandonment Report



GCU 202E

API # 30-045-24342

Unit C, Sec. 33, 29N, 12W

Plug Summary

| | | |
|----------|---------|--|
| Plug #1 | 5/10/18 | Dakota top – Pumped 11.2 bbl (55 sx, 1.15 cf/sk, 15.8 ppg) class G cement from 5914' to unknown top (see Plug #2). |
| Plug #2 | 5/10/18 | CBL inside tubing indicated cement outside of tubing from Plug #1 at 4300' – 4080'. Perforated tubing at 4648' and successfully tested between the top of Plug #1 and 4300' to 500 psi. |
| Plug #2a | 5/14/18 | Mancos top and tubing stub – Cut tubing at 4056'. Pumped 2.4 bbl (12 sx, 1.15 cf/sk, 15.8 ppg) class G cement from 4056' – 3861'. Tagged TOC at 3861'. |
| Plug #3 | 5/15/18 | Mesa Verde top – Pumped 2 bbl (10 sx, 1.15 cf/sk, 15.8 ppg) class G cement from 2929' – 2829'. Tagged TOC at 2829'. |
| Plug #4 | 5/15/18 | Chacra top – Pumped 2.4 bbl (12 sx, 1.15 cf/sk, 15.8 ppg) from 2346' – 2040'. Actual TOC unknown (see Plug #4a). |
| Plug #4a | 5/15/18 | CBL inside tubing indicated cement outside of tubing from Plug #4 at 1940' – 1870'. Unable to pump through tubing to test due to cement obstruction in tubing. |
| Plug #4b | 5/17/18 | Tubing stub – Cut tubing at 1851'. Pumped 2.4 bbl (12 sx, 1.15 cf/sk, 15.8 ppg) class G cement from 1845' – 1700'. |
| Plug #5 | 5/18/18 | Pictured Cliffs top – Perforated casing at 1375'. Set CR at 1364' and squeezed 8.8 bbl (43 sx, 1.15 cf/sk, 15.8 ppg) class G cement through CR. Pumped 2.4 bbl (12 sx, 1.15 cf/sk, 15.8 ppg) class G cement from 1364' – 1145'. Tagged TOC at 1145'. |
| Plug #6 | 5/21/18 | Fruitland top – Perforated casing at 1095'. Set CR at 1088' and squeezed 9 bbl (44 sx, 1.15 cf/sk, 15.8 ppg) class G cement through CR. Pumped 2.4 bbl (12 sx, 1.15 cf/sk, 15.8 ppg) class G cement from 1088' – 938'. |
| Plug #7 | 5/21/18 | Kirtland top, Ojo Alamo top, and surface plug – Perforated casing at 353'. Established circulation and circulated 23.1 bbl (114 sx, 1.15 cf/sk, 15.8 ppg) class G cement from 353' – surface. |

Work Summary

See attached for a more detailed account of events.

| Date | 24-Hour Summary |
|-----------|---|
| 4/20/2018 | SM, MIRU AND STAGED EQUIPMENT, NDWH, NUBOP, PERFORM ACCUMILATOR TEST AND SHELL TEST, UNLAND WELL, TBG HANGER IN BAD SHAPE, SEND HANGER AND WELLHEAD TO ANTELOPE, SECURED WELL FOR THE WEEKEND |
| 4/23/2018 | PULL AND SCAN PRODUCTION TUBING, LD 144 TBG JOINTS DUE TO BAD PINS, 20 STANDS OF PRODUCTION TUBING IN DERRICK 1297', M/R DELIVERED TUBING, SWAPPED OUT TRAILERS, RIH W/ SCRAPER, BIT SUB, BIT AND TBG TO 1612', CANT GET ANY FARTHER DUE TO HITTING METAL. TOOH |
| 4/24/2018 | P/U, 3 7/8" TAPERED AND STRING MILL WITH PROD. TBG TO GET PAST 1612', NEED TO ADD WEIGHT, BRING IN 6-DC AND AIR UNIT, P/U TAPERED MILL//STRING MILL, 6-DC AND PROD TBG, USE AIR UNIT, BEGIN TO MILL FROM 1613' TO 1615', GAINED 2', R/D POWER SWIVEL. |
| 4/25/2018 | MORE DOWN PROBLEMS, TBG-0 CSG-820, BLEED WELL TO FLOWBACK TANK, FLOWING FLUIDS @ 30# TO TANK, AS OF 12:00 PM PULLED 400 BBLs TOTAL, 240 BBLs AS OF 3:00 PM, CALLED IN FOR 2 MORE FLOWBACK TANK, BERM TO BE BUILT, LIGHTS ON SITE FOR NIGHT CREW TO MONITOR PSI |
| 4/26/2018 | INSTALL CHOKE MANIFOLD, TIE IN LINES TO FLOWBACK TANKS AND FINISH |

| | |
|-----------|---|
| | BERM AROUND FLOWBACK TANKS. CONTINUE TO MONITOR THE CASING PSI AND BRADENHEAD PSI. |
| 4/27/2018 | GO OVER PROCEDURE, VISIT SITE MAKE MODIFICATION, CONTINUE TO MONITOR CASING PSI AND FLOWBACK INTO TANKS , MANIFOLD THE OTHER CHOKE INTO THE SYSTEM. |
| 4/30/2018 | SM, R/U SNUBBING, NOT ABLE TO R/U DUE TO RIG FLOOR, R/D RIG FLOOR, R/U SNUBBING RIG, FUNCTION TEST EQUIPMENT, PERFORMED SHELL TEST ON ROGUES'S BOPE, TIE IN EQUALIZE LINE TO CASING, DISCUSSION ON PROCEDURE, CONTINUE TO FLOW CASING TO FLOWBACK AND MONITOR |
| 5/1/2018 | SM, REVIEW UPDATED PROCEDURE, BEGAN TO SNUB, LD 43 JOINTS OF 2 3/8 TBG, 6-3 1/8 DC, 3 7/8 BIT SUB, STRING MILL, TAPERED MILL, R/U E-LINE(BLUE JET) RUN GAUGE RING AND CALIPER LOG |
| 5/2/2018 | SCHEDULE WIRELINE TO RUN 1" SINKER BAR, IMPRESSION BLOCKS AND BALLER, REVIEW NEXT STEP, BROUGHT IN TRAILERS OF PIPE - P110, RIH W/2 3/8" P-110 1660', LD 3 JOINTS, EOT 1580' SHUT IN WELL, HAD CONSTRUCTION ADD 3" ISOLATION VALVES AND 3" PIPE ON MANUALL CHOKE |
| 5/3/2018 | RIH, TAG FILL @ 1668', FELL THRU T/ 1677', CIRC W/ HEAVY RETURNS OF ROCKS, CEMENT, SHALE, PU & SHUT IN FOR 2 HRS, RIH, TAG @ SAME DEPTH @ 1677', PU EOT T/ 1580, SECURE WELL |
| 5/4/2018 | DAYTIME CREW TO MONITOR FLOW CSG TO FLOWBACK TANKS W/ 600 PSI BACK PRESS. |
| 5/4/2018 | NIGHT CREW TO MONITOR FLOW CSG TO FLOWBACK TANKS W/ 600 PSI BACK PRESS. |
| 5/5/2018 | DAYTIME CREW TO MONITOR FLOW CSG TO FLOWBACK TANKS W/ 600 PSI BACK PRESS. |
| 5/5/2018 | NIGHT CREW TO MONITOR FLOW CSG TO FLOWBACK TANKS W/ 600 PSI BACK PRESS. |
| 5/7/2018 | WAIT ON ORDERS FROM HOUSTON, CONTINUE TO MONITOR CASING PSI AND FLOWING INTO FLOWBACK TANKS BETWEEN 625-650 PSI |
| 5/8/2018 | STAND BY WAIT ON SNUBBING SUPERVISOR FROM MID CON BACK PRESSURE ON CSG 625 AVG RETURNS 5 BBLs |
| 5/9/2018 | PU TAG JOINTS CLEANED OUT FROM 1675' DOWN TO 2160' TAG NUMEROUS BRIDGES POH TO 1580' SECURE WELL |
| 5/10/2018 | MAKE REPAIRS TO CHOKE MANIFOLD RIH TAG FILL AT 2243' START CLEAN OUT DOWN TO DK PERFS TAG FILL AT 5931' EOT 5914' PUMP CMT PLUG OVER DK PERFS; Plug #1 Dakota top – Pumped 11.2 bbl (55 sx, 1.15 cf/sk, 15.8 ppg) class G cement from 5914' to unknown top (see Plug #2). Plug #2 CBL inside tubing indicated cement outside of tubing from Plug #1 at 4300' – 4080'. Perforated tubing at 4648' and successfully tested between the top of Plug #1 and 4300' to 500 psi. |
| 5/11/2018 | TUBING CEMENT IN CALL OUT E LINE RUN CBL & TBG PUNCH |
| 5/12/2018 | SICP 582 PT DK PLUG 520 PSI WITNESS BY BLM REP RUN E LINE CUT TBG 4056' SET OWEN CIBP AT 4037' NEG. TEST GOOD PULLED 1 JT SHUT IN |
| 5/13/2018 | WELL SHUT IN |
| 5/14/2018 | POH WITH TBG RIH W/ FLAPPER VALVE TO 4056' SPOT 150' MANCOS PLUG Plug #2a Mancos top and tubing stub – Cut tubing at 4056'. Pumped 2.4 bbl (12 sx, 1.15 cf/sk, 15.8 ppg) class G cement from 4056' – 3861'. Tagged TOC at 3861'. POH TO 3589' SHUT IN |
| 5/15/2018 | RIH TAG TOC POH SPOT MV PLUG Plug #3 Mesa Verde top – Pumped 2 bbl (10 sx, 1.15 cf/sk, 15.8 ppg) class G cement from 2929' – 2829'. Tagged TOC at 2829'. WAIT 4 HRS TAG CEMENT SPOT CHACRA PLG PLUG #4 Chacra top – Pumped 2.4 bbl (12 sx, 1.15 cf/sk, 15.8 ppg) from 2346' – 2040'. Actual TOC unknown (see Plug #4a). Plug #4a CBL inside tubing indicated cement outside of tubing from Plug #4 at 1940' – 1870'. Unable to pump through tubing to test due to cement obstruction in tubing. |
| 5/16/2018 | TAG CEMENT TBG STUCK E-LINE RUN CBL JET CUT 1840' SET CIBP POH W/ TBG |
| 5/17/2018 | RIH TO 1840' SPOT 150' PLUG Plug #4b Tubing stub – Cut tubing at 1851'. Pumped 2.4 bbl (12 sx, 1.15 cf/sk, 15.8 ppg) class G cement from 1845' – 1700'. |

| | |
|-----------|---|
| | POH TO SURFACE WOC 4 HRS RIH TAG TOC @ 1700' POH W/ STRING FLOAT RIH SET CR AT 1576' |
| 5/18/2018 | FINISH POH W/ SETTING TOOL ND SNUB UNIT PERF AT 1375' RUN RETAINER PUMP CEMENT Plug #5 Pictured Cliffs top – Perforated casing at 1375'. Set CR at 1364' and squeezed 8.8 bbl (43 sx, 1.15 cf/sk, 15.8 ppg) class G cement through CR. Pumped 2.4 bbl (12 sx, 1.15 cf/sk, 15.8 ppg_ class G cement from 1364' – 1145'. Tagged TOC at 1145'. |
| 5/21/2018 | TAG TOC 1145' PERF 1095' CR AT 1088' PUMPED 56 SKS Plug #6 Fruitland top – Perforated casing at 1095'. Set CR at 1088' and squeezed 9 bbl (44 sx, 1.15 cf/sk, 15.8 bbl) class G cement through CR. Pumped 2.4 bbl (12 sx, 1.15 cf/sk, 15.8 ppg) class G cement from 1088' – 938'. PERF 353' PUMPED 114 SKS TO SURFACE Plug #7 Kirtland top, Ojo Alamo top, and surface plug – Perforated casing at 353'. Established circulation and circulated 23.1 bbl (114 sx, 1.15 cf/sk, 15.8 ppg) class G cement from 353' – surface. CUT OFF WH INSTALLED MARKER |
| 5/22/2018 | CHECK TOC W/ BLM REP CLEAN UP EQUIP. RD TO MOVE |

Final Wellbore Diagram



GCU 202E
DK
API # 30-045-24342
Unit C - Sec. 33 - T29N - R12W
San Juan, NM

Formation Tops

| | |
|-----------------|---------|
| Ojo Alamo | Surface |
| Kirtland | 136 |
| Fruitland Coal | 1038 |
| Pictured Cliffs | 1318 |
| Chacra | 2296 |
| Mesa Verde | 2879 |
| Mancos | 4075 |
| Gallup | 4974 |
| Dakota | 5849 |

Deviation Survey

| Depth | Inclination |
|-------|-------------|
| 305 | 0.50 |
| 821 | 0.50 |
| 1315 | 0.50 |
| 1928 | 0.50 |
| 2483 | 0.75 |
| 2976 | 0.75 |
| 3470 | 0.75 |
| 3965 | 0.75 |
| 4467 | 0.75 |
| 4949 | 0.75 |
| 5534 | 0.75 |
| 6086 | 0.75 |

Dakota Perforations

5852' - 5862' 2 spf, 0.38"
5928' - 5964' 2 spf, 0.38"
5982' - 5986' 2 spf, 0.38"
Frac'd w/ 113k gal frac fluid & 148k# 20/40

