

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

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 - 080112

6. Indian, Allottee or tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side

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

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

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

8. Well Name and No.
Riddle F LS 5

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

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

API Well No.
30-045-07052

Field and Pool, or Exploratory Area
Otero Chacra

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
790' FNL & 1090' FEL SEC 32 T28N R08W

County or Parish, State
San Juan County, New Mexico

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF 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 *Subsequent Rpt*

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 shall 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 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.

Well was dual string. Upper string PC & Lower string MV. Current work over to remove upper string, add Chacra perfs and Tri-mingle production. DHC 3708 approved 5/30/06.

Please see continued subsequent report attached.

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

Cherry Hlava

Title **Regulatory Analyst**

Signature

Cherry Hlava

Date **02/28/07**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR RECORD

Approved by

Title

Date

APR 02 2007

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 FIELD OFFICE
BY**

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

Riddle F LS 5
30-045-07052
OTERO CHACRA PAY ADD

Well was dual string. Upper string PC; Lower string MV. Current: work over to remove upper string, add Chacra perfs and Tri-mingle production. DHC 3708

1/15/07 SPOT IN EQUIPMENT. SI PRES ON LONG STRING 250 PSI; SHORT STRING 250 PSI. SICP 265 PSI SIBHP 110.

1/16/07 THAW OUT PMP; PMP 25 bbls DN TBG.

1/17/07 CHECK PRESSURES. - RU SLICK LINE TIH w/ GR & TAG TBG STOP TIH & TRY TO PULL-UNABLE - TIH & SET G PACK OFFS @ 4605 FLUID LEVEL @ 4020 RD SLICK LINE. PUMP 30 BBLS DN CSG - DIG OUT WELL HEAD & WAIT CHECK FLOW - REMOVE TREE & CHECK THREADS ON HANGER. WAIT ON CROSS OVER 1 1/4 8RD EUE PULL TREE BACK OFF NIPPLE UP BOP & CLOSE BLINDS RAMS - DRAIN UP AND SECURE WELL

1/18/07 PULL UP ON 1 1/4 STRING - TBG HUNG UP IN WELL HEAD HANGER - BACKED OUT LOCK DOWN PINS - STILL HANGING UP - PULL UP TO 8K OVER & KEPT WORKING PIPE TILL IT CAME FREE HAD RUBBER SEAL IN HANGER. TOH LAYING DN 1 1/4 EUE 8 RD T & C - 74 JTS. CHANGE OUT PIPE RAMS AND SECURE WELL

1/19/07 OPEN WELL UP; BLOW DN - PICK UP ON 2 3/8 TBG - PULL UP TO 32 K TO RELEASE PKR - NO MOVEMENT - RU WIRE LINE SPECIALTIES RIH WITH FREE POINT FOUND TBG 80 % FREE 5-10 FT ABOVE PKR SET @ 2354 TOH - PULLED UP TO 45K ON TBG PKR CAME FREE - RIG DOWN WIRE LINE - SWIFN

1/22/07 PMP DN TBG 20 bbls. TOH w/ 2 3/8 TBG. TIH & JAR DN ON TBG; CAME FREE & ELEVATORS OPENED UP & DROPPED STRING WITH TIW IN HOLE - SI. DRAIN PUMP - SPOT INFLOAT w/ 2 3/8 TBG & MOVE OUT FLOAT - SECURE WELL & PICK UP TOOLS

1/23/07 CHECK PRESSURE ON WELL SICP= 230 PSI SIBHP=0 BWD. KILL WELL WITH 30 bbls - TIH SET PKR @ 200' END OF OVER SHOT @ 1197 FT. - LAY DOWN 2 JT MAKE UP BP; TIH & SET @ 30 FT. - SECURE WELL FOR NIGHT

1/24/07 REMOVE ANNULAR. REPLACE WITH SINGLE GATE BOP & SHORT SPOOL ON TOP OF DOUBLE GATED BOP STACK. FUNCTION TEST BOP RU FLOOR AND TONGS.

1/25/07 PICK UP RETRIEVING HEAD TIH 30'; ON BP AND RELEASE. TOH & LAY DOWN - PICK UP 3 JTS - TIH; UNSEAT PKR @ 200'. BLOW DOWN; TOH; LAY DOWN PKR - TIH WITH 47 JTS AND LATCH FISH (TIW VALVE) WORK PIPE UP TO 50 K & TIED BACK & PULL UP TO 60K; FISH CAME FREE- SHUT TOP SINGLE 2 3/8 RAMS; FLOWED TBG & CSG TO TANK OVER NIGHT

1/26/07 FLOW WELL & WAIT ON FLOW BACK HANDS

1/29/07 PULL PIPE & CLE OUT RUBBER OF FO PIPE; PULL PKR; LAY DOWN - RESPOT TRAILER - LAY DOWN 2 3/8 - SWIFN

1/30/07 RIG UP WIRE LINE; TIH; SHOT 2 HOLES IN TBG @ 1040 FT. TO DRAIN CONDENSATE OUT OF TBG - RD PERF SUB & BULL PLUG - NO RUBBERS - ALL OF TBG OUT OF HOLE. NIPPLE UP STRIPPER HEDA & CHANGE OUT PIPE RAMS TO 2 7/8 - PICK UP BIT SUB & 6 3/4 BIT. TIH w/ 2 7/8 TBG; TAGGED LINER - PICK UP POWER SWIVEL; RATATE ON LINER TOP; CIRC w/ MIST/AIR. GOT SOME RUBBER BACK IN RETURNS; DRIED UP TBG - RIG DN SECURE WELL F/ NIGHT

1/31/07 TOH WITH 2 7/8" TBG , BOT & 37 STDS PICK UP MILLS; TIH TAG TOP OF LINER PICK UP SWIVEL WORK UP & DOWN THOROUGH LINER TOP HANG SWIVEL BACK TIH w/ 149 JTS TO 4659'.

2/1/07 RIG UP WIRE LINE; TIH SET PLUG AT 4350'. RD. PMP 60 BBLS 2% KCL DOWN CSG

2/2/07 RIG UP WIRE LINE RUN ULTRASONIC CSG IMAGER LOG. RD. RIG UP; RAN LOGS FROM TOP OF LINER TO SURFACE. LOADED HOLE WITH 2% KCL WTR; HELD 500# TO 600# ON CSG SECURE LOCATION.

2/5/07 PICK UP RETRIVING HEAD TIH WITH 43 STDS OF 2 7/8" TBG PICK UP PKR SET PKR 1 JT DOWN LAY DOWN 1 JT. NIP DN BOP & MUD CROSS TAKE OFF WELL HEAD

2/7/07 NIP DN BOP TAKE OFF TOP HALF BRAIDEN HEAD. CUT OFF BRADIN HEAD; ADDED 2' OF 40.50# CSG TO TOP OF SURF CSG THE REST IS 32.75# ----- 10.75#. REPLACED TOP 2" OF 7 5/8" CSG WITH SAME WEIGHT AS REST 15.50# WELD ON NEW WELL HEAD.

2/8/07 LOAD HOLE TEST CSG TO 500# FROM 30' TO SURFACE HELD GOOD NO PRESS ON SURF CSG. HOOK UP 3" FLOW BACK LINES PICK UP 1 JT **PULLED PKR** AND LAYED DN. TESTED CSG FROM 2195' TO SURF TO 500# **TIH LATCH PLUG TOH LAY DOWN PLUG DRAIN UP EQUIPMENT SECURE LOCATION.**

2/9/07 ALL PRES ZERO. SET SLIPS IN CSG w/ 60,000#. **TIH w/5 1/2" PKR TO 2,400' PLUG AT 4,350' PRESS UP TO 1,800#** CSG LEAKED BACK TO 1,400#. **TIH WITH 15 STDS SET PKR TEST TO 1,800#** LEAKED BACK TO 1,400# **TIH TAG PLUG B.P. PULLED 1 JT SET PKR TEST CSG TO 2,500# HELD APPROX. 1 MIN AND LOST ALL PRESS TIH; SEE PLUG WENT DOWN HOLE APPROX. 40' SECURE LOCATION.**

2/12/07 TOH LAY DOWN PKR; PICK UP RBP & NEW PKR; **TIH Ww/69 STDS SET RBP TESTED TO 2,500# PULLED 10 STDS TESTED TO 2,500# TESTED GOOD. PULLED 10 MORE STDS TESTED DID NOT HOLD. WE HAVE A VERY SMALL HOLE BETWEEN 3937' & 4000' PUT 1,800# IT WOULD BLEED BACK TO 1,350 IN 1/2 MIN & SLOW DN PULLED 40 STDS.**

2/13/07 **TIH w/35 STDS RETIEVE B. P. PULL UP TO 3570' . PULL 1 JT SET PKR TEST TO 2,000# TESTED GOOD PULL UP TO 2,400' SET PKR TEST CSG TO 2,000# TESTED GOOD 30 MIN. UNSEAT PKR TIH RETIEVE B. P.TOH WITH TBG. LAY DN PLUG & PKR PICK UP MILL RUN 30 STDS IN HOLE SECURE LOCATION.**

2/14/07 **TIH w/27 STDS TAG UP ON COMP. PLUG WENT TO 4,400'. RIG UP AIR PACKAGE; BROKE CIRC UNLOAD WELL; DRILLED OUT COMP. PLUG PUSHED TO BTM CIRC. PULLED 40 STDS TO TOP OF LINER; SECURE LOCATION.**

2/15/07 **TIH w/ CIBP & PKR; SET @ 3666' TEST PLUG TO 2,000# HELD FOR 15 MIN. UNSET PKR; SET PKR TEST CSG TO 2,000# FOR 30 MIN. TESTED GOOD. UNSEAT PKR STARTED LAYING DOWN 2 7/8" TBG UNTIL WE GOT UP INTO 7 5/8" CSG SECURE LOCATION.**

2/16/07 PULL TBG

2/19/07 **TIH w/3.125" GUN & PERF CHACRA 3300' TO 3320 @ 2 JSPF & 3177' TO 3197' @ 2 JSPF. TEST PIPE RAMS AND BLOND RAMS. PICK UP 2 JTS OF 2 7/8" TBG , PKR & 3 1/2" FRAC STRING TO TOP OF LINER.SECURE LOCATION**

2/20/07 **TEST FRAC STRING TO 2500# TESTED GOOD SET PKR HAD TO PULL BACK OFF OPEN DOWN HOLE TOOL RESET PKR FLANGE UP AGAIN.**

2/22/07 **FRAC CHACRA w/102.013# PROP, 16/30 BRADY' SND; 65% Q FOAM & N2**

2/23/07 **RECORD PRESS CSG 50# & TBG 900#. HOOK UP FLOW LINE TO PIT; FLOW TST WELL**

2/24/07 **FLOW WELL BACK ON 1/4" & 1/2" CHOKE MAKING 1409 MCFD AT 225# PRESS MAKING WATER & N2.**

2/25/07 **FLOW TESTING WELL. @633 MCFD**

2/27/07 **UNSEAT PKR RIG DOWN. LAYED DOWN 3 1/2" FRAC STRING & PKR. CHANGE OUT PIPE RAMS TO 2 3/8" CHANGE ELEVATIOS & SLIPS TEST PIPE RAMS TESTED GOOD.**

2/28/07 **CLEAN OUT. PICK UP 2 3/8" TBG. TIH TO TOP OF LINER @2340'.**

3/1/07 **PICK UP 2 3/8" TBG; TAG UP w/110 JTS @3475. CLEAN OUT SAND TO CIBP @3563'**

3/2/07 **TIH TAG UP @ 3536 - HAD 25 FT FILL- CLEAN OUT SAND.**

3/5/07 **TIH SET PKR@ 2408'. WELL FLOWING UP TBG w/PKR IN HOLE @2408'. ESTIMATED RATE@739 MCFD.**

3/6/07 **SITP 340 PSI. TIH TAG FILL @3554'. SICP 290; BLW DN. TOH w/PACKER.**

3/7/07 **DRILL OUT BP SET @ 3563**

3/8/07 **CHECK PRESSURE ON SITP =260 PSI - LAY LINE TO BLOW PIT -BLOW WELL DOWN. TIH LAND TBG @4581'.**

3/9/07 RU PRESS TEST SEALS ON WELL HEAD TO 1000 PSI - HELD OK

RU SLICK LINE AND TIH AND PULL X NIPPLE @ 4570 GL - PUMP 5 BBLS DN TBG; DROP BALL FOR EXPENDABLE CHECK - RU PRESS TST TBG TO 500 PSI - HELD OK PRES UP TO 680 PSI PRESS DROPPED OFF - RU SLICK LINE TIH; MAKE SURE CHECK WAS PUMPED OFF - IT WAS

HAMMER UP LINE TO FLOW PIT; FLOW TBG ON 3 /4 CHOKE = FTP = 100 PSI SICP = 180 PSI CHECK OXYGEN CONTENT ON TBG & CSG .4 % SWI & LOCK OUT

BREAK DOWN LINES - RIG DOWN EQUIPMENT; RIG DOWN; MOVE OFF