

Submit 3 Copies To Appropriate District
Office
District I
1625 N French Dr, Hobbs, NM 87240
District II
1301 W Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd, Aztec, NM 87410
District IV
1220 S. St Francis Dr, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

MAR 03 2009

Form C-103
May 27, 2004

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	WELL API NO. 30-015-22844
2. Name of Operator BP America Production Company	5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
3. Address of Operator P.O. Box 1089, Eunice NM 88231	6. State Oil & Gas Lease No.
4. Well Location Unit Letter <u>G</u> : <u>1850</u> feet from the <u>N</u> line and <u>2550</u> feet from the <u>E</u> line Section <u>34</u> Township <u>17S</u> Range <u>28E</u> NMPM County <u>EDDY</u>	7. Lease Name or Unit Agreement Name: EMPIRE ABO UNIT 'F'
	8. Well Number 354
	9. OGRID Number 00778
	10. Pool name or Wildcat EMPIRE ABO
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3666.9' GR	
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/> Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____ Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____	

12. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: <input type="checkbox"/>	SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: Add perfs and return to production <input checked="" type="checkbox"/>

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

1/5/09: ND WH, NU BOP. UNSET PACKER NU STRIPPER HEAD AND POH AND LAYDOWN 105 JOINT OF 2 3/8 TBG.
1/6/09: POH WITH TBG AND LAYDOWN PACKER. TALLY TBG. RIH AND SET CIBP AT 5950. TRY TO LOAD HOLE WITH 173 BBLS OF 2 % KCL. COULD NOT GET TO LOAD. CIBP IS ONLY ABOUT 4' FROM PERF OR IN A CSG COLLAR. WE WILL PULL UP HOLE 5' AND SET CIBP AT 5945. POH WITH 66 STANDS OF TUBING AND LEFT 21 STANDS FOR KILL STRING.

Continued on page 2.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐ , a general permit ☐ or an (attached) alternative OCD-approved plan ☐

SIGNATURE Barry C. Price TITLE Area Operations Team Lead DATE 3-2-09

Type or print name Barry C. Price

E-mail address: barry.price@bp.com
Telephone No. 575-394-1648

For State Use Only

APPROVED BY Jacqui R... TITLE Geologist DATE 3/4/09

Conditions of Approval, if any:

Form C-103
Empire Abo Unit F-354
30-015-22844

1/7/09: POH WITH 22 STAND LAYDOWN SETTING TOOL. RIH WITH TUBING & A 5 1/2 CIBP. SET IT AT 5945. LOAD CSG W/ 148 BBLS OF 2 % KCL CIRC HOLE WITH 10 BBLS. CLOSE TIW VALVE & TEST. PUMP 17 BBLS NEVER HAD PSI OVER 107 PSI AT 2.2 BBLSM. SHUT DOWN PUMP AND WELL ON VACUUM. POH WITH TUBING 90 STAND. RIH WITH 90 STAND & SET PACKER AT 5922. TEST TO 5945 TEST BAD. DROP DOWN TO 5939 TO CIBP TEST GOOD, PICKUP TO 5933 TO CIBP TEST GOOD, PULL UP HOLE TO 5928 TEST TO CIBP TEST BAD. RIH TO 5930 TEST TO CIBP TEST GOOD.

1/8/09: PULL UP FROM 5930 TO 5926 AND SET PACKER. TEST CASING FROM 5926 TO SURFACE IT SHOWED A GOOD TEST TO 500. LOAD HOLE WITH 137 BBLS. UNSET PACKER AND POH WITH TUBING AND LAYDOWN PACKER TOP AND BOTTOM RUBBER ON PACKER WAS SCRATCHED AND THE MIDDLE ON WAS MISSING. WHEN UNSETTING PACKER IT WAS A LITTLE HARD HAD TO PULL 30 POINTS OVER TO GET IT TO RELEASE. RIH WITH CIBP AND TUBING TO 5918. SET CIBP AT 5918 LOAD HOLE WITH 71 BBLS AND CIRC HOLE WITH 35 BBLS OF WATER. PRESSURE UP ON CIBP FROM 5918 TO SURFACE. TEST TO 500. PRESSURE UP AND LEAK OFF OPEN CASING VALVE WAS ON A SMALL VAC. LOAD AND TEST WELL 4 MORE TIMES AND SAME RESULTS.

1/9/09: TEST CASING TO 500# LEAK OFF 500 TO 100 IN 2 1/2 MIN. FROM 100 TO 80 IN 2 MIN AND 80 TO 60 IN 7 MIN, BLEED WELL DOWN. POH WITH TUBING. RIH WITH WIRE LINE AND RUN A CASING CAL. LOG WITH A 40 FINGER MAGNETIC THICKNESS LOG. TAG CIBP AT 5923 (WIRE LINE DEPTH) SET AT 5918 TUBING TALLY.

1/12/09: POH WITH KILL STRING. 30 STANDS. RIH WITH TUBING AND CIBP SET IT WITH 178 JOINTS. LOAD HOLE WITH 50 BBLS. CIRC HOLE WITH 10 BBLS AND CLOSE TIW VALVE AND TEST TO 500# WATCH FOR 10 MIN TEST IS GOOD. (CIBP SET AT 5850). POH WITH TUBING AND LEAVE 30 JOINT IN HOLE FOR KILL STRING.

1/13/09: POH WITH KILL STRING. ND STRIPPER HEAD AND NU LUB AND PUMP TEE. CAP GUN AND PICKUP IN LUB. TEST TO 1000 PSI RIH WITH WIRE LINE TO 5850 TAG CIBP LOG UP AND GET ON DEPTH. PICKUP HOLE TO 5820 PERF CASING FROM 5824-33. POH WITH WIRE LINE. HAD ABOUT 10 PSI ON CASING. RIGUP SECOND GUN. RIH AND LOG UP GET ON DEPTH PICKUP TO 5805 AND PERF CASING FROM 5808-5817. POH WITH WIRELINE. WELL STATIC RIGUP 3RD GUN AND RIH AND GET ON DEPTH. PICKUP TO 5740 AND PERF CASING AT 5743 TO 5753. POH WITH WIRELINE. NO OIL ON GUNS AND WELL DID NOT TAKE A DRINK. RIH WITH PACKER TO 5680.

1/14/09: PICKUP 5 JOINT AND RIH LEFT PACKER AT 5830. CIRC WELL WITH 130 BBLS OF 2% KCL WATER AND SPOT 3 BBLS OF ACID AND FLUSHED TO PERFS. 23 BBL. POH WITH 6 JOINT AND SET PACKER AT 5630. RIGUP ACID TRUCKS ON TUBING AND KILL TRUCK ON CASING. LOAD AND TEST LINES ON TUBING TO 4200# AND CASING TO 500 LEFT PSI ON CASING. PUMP ACID 3500 GALS OF 15% HCL-NEFE AND 100 BIO BALL SEALER. USE THE BALL SCHEDULE AS ON THE PROCEDURE. AVER PSI WAS 2550 AND AT 5.8 BPM TOTAL LOAD TO RECOVER 163BBLS.

1/15/09: CHECK PSI AND HAD 350 PSI ON TUBING. BLEED WELL OFF AND FLOW GAS AND A LITTLE OIL FOR 1 HR. ABOUT 1.5 BBLS OF FLUID. RIH WITH SWAB TAG FLUID AT 5600 SWAB WELL AT 14:00 FLUID LEAVE MOVE UP TO 5000' SWAB WELL. TOTAL OF 14 RUNS AND 14BBLS OF FLUID BACK.

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1/16/09: MADE 14 SWAB RUN AND SWAB BACK 52 BBLS.

1/19/09: HAD 260# ON TUBING BLEED WELL OFF AND RIH WITH SWAB. TAG FLUID AT 4600 MAKE 4 SWAB RUNS GOT BACK 6 BBLS. UNSET PACKER AND POH WITH 171 JOINT OF TUBING AND PACKER. LAY PACKER DOWN. RIH WITH TUBING 4' PERF SUB, SN, IPC, 4 JOINTS OF TUBING, TAC, AND 172 JOINT OF 2 3/8 J-55 TUBING. SET TAC. SEAT NIPPLE IS AT 5833' AND PERF SUB IS AT 5837'. ND FLOOR AND BOP, NU WELL HEAD HAD 14 POINTS PULLED ON TAC.

1/20/09: PICKUP PUMP 1 SINKER LIFT SUB, SHEAR TOOL, LIFT SUB, 23 1.25 SINKER WITH 3/4 PIN, 60 7/8 C STEEL RODS, 97 1" FIBER GLASS RODS, SUBS 18', 9', 3', AND POLISH ROD. SPACE WELL OUT AND LOAD AND TEST TO 500. PUMP 25 BBLS DOWN TUBING BEFORE SETTING PUMP. SEAT PUMP AND LOAD WITH 15 BBLS. CHECK PUMP ACTION.

1/21/09: RD

2/24/09: Returned to production.

2/25/09: 24-HR WELL TEST: 102 mcf gas, 192 bbls oil, 14 bbls water