

UNITED STATES Oil Cons. DIV-Dist. 2
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
1301 W. Grand Avenue
Artesia, NM 88210

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.

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

RECEIVED

SEP 28 2004

BLM-ARTESIA

5. Lease Serial No.

NM29271

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Norsetail Gas Com #2
Federal

9. API Well No.

30-015-33528

10. Field and Pool, or Exploratory Area
Empire Morrow, South

11. County or Parish, State

Eddy NM

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

TYPE OF SUBMISSION

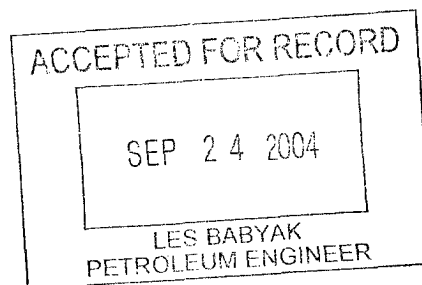
- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- | | | | |
|---|---|--|--|
| <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input checked="" type="checkbox"/> Other <u>Set Csg &</u> |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | <u>Cmt</u> |
| <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 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 final site is ready for final inspection.)

See Attached



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

David Stewart

Title

Sr. Regulatory Analyst

Date

9/22/04

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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, makes 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.

HORSETAIL GAS FEDERAL #2

08/15/2004 CMIC: BOWKER

DRILLING F/ 3330' TO 4175' W/ SURVEYS. NO PROBLEMS AT REPORT TIME.

08/16/2004 CMIC: BOWKER

DRILLING F/4175' TO 4634' W/ SURVEY. LOST PUMP PRESSURE, PUMED SOFTLINE. TRIP FOR PRESSURE LOSS. FOUND HOLE IN DRILL PIPE, PIN END 33 STANDS & A DOUBLE. TRIP IN HOLE. DRILLING F/ 4634' TO 4760'. NO PROBLEMS AT REPORT TIME.

08/17/2004 CMIC: BOWKER

DRILLED TO 5181' AND LOST 200# PUMPE PRESSURE. PUMPED SOFT LINE. TOO H AND CHECKED ALL BREAKS ON BHA AND DID NOT FIND HOLE. TIH WITH BIT AND BHA. CUT DRILLING LINE. TIH WITH BIT AND BHA AT REPORT TIME.

08/18/2004 CMIC: BOWKER

DRILLED TO 5536' AND BIT TORQUED. DROPPED TOTCO AND TOO H. LEFT ALL 3 CONES IN HOLE. L.D. BHA AT REPORT TIME.

08/19/2004 CMIC: BOWKER

TIH WITH 7" MAGNET WITH BOOT BASKET ON D.P. AND DC'S. WASHED MAGNET ON BOTTOM FOR 15 MINS. POOH AND RECOVERED 2 CONES. RBIH WITH SAME TOOLS. WORKED MAGNET. TOO H AND RECOVERD THIRD CONE. P.U. NEW BIT AND PENDULUM BHA AND TIH. WASHED AND REAMED 50' TO BOTTOM. DRILLING AHEAD AT REPORT TIME WITH REDUCED WEIGHT ON BIT TO CONTROL DEVIATION.

08/20/2004 CMIC: BOWKER

DRILLED TO 5780' AND RAN WLS. TOO H WITH BIT AND BHA. P.U. MOTOR AND BHA. TESTED MOTOR. TIH WITH BHA AT REPORT TIME.

08/21/2004 CMIC: BOWKER

FTIH WITH BIT AND BHA. WASHED 50' TO BOTTOM. DRILLING AHEAD WITH REDUCED WEIGHT ON BIT TO CONTROL DEVIATION.

08/22/2004 CMIC: BOWKER

DRILLED TO 6200'. PULLED BIT INTO CASING. JETTED AND CLEANED SHALE PIT AND SUCTION PIT. TBIH WITH BIT. DRILLING AHEAD WITH REDUCED WEIGHT ON B IT TO CONTROL DEVAITION.

08/23/2004 CMIC: BOWKER

DRILLED TO 6559'. PUMPED SWEEP. PULLED BIT TO 6480'. RU W.L. RIH WITH GYRO TO 6390'. SHOWED BHL 84' NORTH AND 212' WEST. POOH AND R.D. GYRO. POOH WITH BIT AND BHA. P.U. DIRECTIONAL TOOLS AT REPORT TIME.

08/24/2004 CMIC: BOWKER

STRAP OUT OF HOLE. PU DIRECTIONAL TOOLS. TRIP IN HOLE. PU KELLY, BREAK CIRCULATION & SYNC MWD. SLIDE & ROTATE F/ 6559' TO 6915'

08/25/2004 CMIC: BOWKER

DIRECTIONAL DRILLING F/6915' TO 7420' W/ SURVEYS.

08/26/2004 CMIC: BOWKER

DRILLING F/ 7420' TO 7466' W/ SURVEY. JET SHALE PIT. DRILLING F/ 7466' TO 7798' W/ SURVEYS. STARCHED UP MUD SYSTEM FOR WL CONTROL FOR PENN SHALE. NO PROBLEMS AT REPORT TIME.

08/27/2004 CMIC: BOWKER

DRILLING F/7798' TO 8006' W/ SURVEYS. TRIP FOR BIT & MOTOR. PULLED 30,000 TO 50,000 OVER FIRST 9 STANDS. HAD TO WORK 1ST & 9TH STANDS OUT. NO PROBLEMS THE REST OF THE WAY OUT. CHANGE BIT, MOTOR & MWD. TEST MOTOR & MWD. TRIP IN HOLE W/ DRILL COLLARS. CUT DRILLING LINE. TRIP IN HOLE AT REPORT TIME.

08/28/2004 CMIC: BOWKER

FINISH TRIP IN HOLE. WASH 40" TO BOTTOM. SLIDE & ROTATE W/ SURVEYS F/ 8006' TO 8235'. HAVING TO SLIDE FREQUENTLY. WANTING TO DROP ANGLE & TURN TO THE RIGHT.

08/29/2004 CMIC: BOWKER

DRILLING AHEAD WITH NO PROBLEMS.

08/30/2004 CMIC: BOWKER

DRILLING AHEAD WITH NO PROBLEMS.

08/31/2004 CMIC: BOWKER

DRILLING F/ 8865' TO 9125' W/ SURVEYS. NO PROBLEMS AT REPORT TIME.

09/01/2004 CMIC: BOWKER

DRILLING F/ 9125' TO 9147'. TRIP FOR BIT. CHANGE OUT MWD, MM & BIT. TIH W/ DRILL COLLARS. CHECK OUT DRUM BEARINGS, HAVE SLIGHT WEAR ON OFF SIDE. TIH. WASH & REAM 45' TO BOTTOM. DRILLING F/ 9147' TO 9245'. NO PROBLEMS AT REPORT TIME.

09/02/2004 CMIC: BOWKER

DRILLING F/ 9245' TO 9472' W/ SURVEYS. NO PROBLEMS AT REPORT TIME.

09/03/2004 CMIC: BOWKER

DRILLING F/ 9472' TO 9599' W/ SURVEYS. SWIVEL PACKING BLEW OUT. TOH 10 STANDS. REPACK SWIVEL. TIH. DRILLING F/ 9599' TO 9638' W/ SURVEY. NO PROBLEMS AT REPORT TIME.

09/04/2004 CMIC: BOWKER

DRILLING AHEAD AT REPORT TIME WITH NO PROBLEMS.

09/05/2004 CMIC: BOWKER

DRILLED TO T.D. OF 9914'. CHC FOR 3 HOURS. MADE 25 STAND SHORT TRIP TO 7539'. TBIH WITH BIT TO BOTTOM AT REPORT TIME TO CIRCULATE FOR LOGS.

09/06/2004 CMIC: BOWKER

FTIH WITH BIT AND BHA. WASHED 30' TO BOTTOM WITH 5' FILL. CIRCULATED BOTTOMS UP WITH 10' FLARE AND STARTED MAKING LARGE CHUNKS OF SHALE. RAISED MUD WEIGHT TO 10.7. MADE 20 STAND SHORT TRIP WITHOUT ANY PROBLEMS. RBIH WITH BIT TO BOTTOM WITH NO FILL. CIRCULATED BOTTOMS UP WITH NO SHALE IN RETURNS. TOOH WITH BIT AND BHA. L.D. DIRECTIONAL TOOLS. RU LOGGERS. RIH WITH LOGS. LTD-9912'. RUNNING LOGS AT REPORT TIME.

09/07/2004 CMIC: BOWKER

FINISHED RUNNING OPEN HOLE LOGS. R.D. LOGGERS. TIH WITH BIT AND SLICK BHA. WASHED 40' TO BOTTOM. UNLOADED AND RACKED 250 JOINTS 5 1/2" CASING. POOH AND L.D. D.P. AN DC'S. RU CASING CREW. RUNNING 5 1/2" CASING AT REPORT TIME.

09/08/2004 CMIC: BOWKER

FINISH RUNNING 244 JTS L-80 & SP-110 17# 5 1/2" CASING. TOTAL PIPE 9908' SET AT 9905'. CIRCULATE CASING VOLUME W/ RIG PUMP. RU HALLIBURTON & CEMENT W/ 650 SX INTERFILL H,TAILED W/ 300 SX SUPER H. DISPLACED W/ 229 BBLs FW. BUMPED PLUG AT 3:00 PM MST 9-7-04. GOOD RETURNS THRU OUT CEMENT JOB. RELEASED PRESSURE, FLOATS HOLDING. ND BOP & PU STACK. SET SLIPS W/ 130,000. CUT OFF CASING & LAY DOWN BOP. NU "C" SECTION & TESTED TO 5000#. JET & CLEAN PITS AT REPORT TIME.

09/09/2004 CMIC: BOWKER

FINISH JETTING & CLEANING PITS. RIG DOWN SOLIDS CONTROL EQUIPMENT. RIG RELEASED AT 10:00 AM MST 9-8-04. LAST REPORT.