

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
N.M. Oil and Gas Division
11 S. 1st
Alamogordo, NM 88301-2834

FORM APPROVED
Budget Bureau No. 1004-0135
Expires July 31, 1996

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

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

2. Name of Operator
Phillips Petroleum Company

3a. Address
4001 Penbrook Street Odessa, TX 79762

3b. Phone No. (include area code)
(915) 368-1488

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FNL 2480' FWL, SEC. 19, T-17-S, R-30-E

5. Lease Serial No.

LC-028793-A

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
GRAYBURG DEEP UNIT 10

9. API Well No.
30-015-25796

10. Field and Pool, or Exploratory Area
ANDERSON (PENNSYLVANIAN)

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 checked="" 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 type="checkbox"/> Other <u>FRACTURE</u> |
| <input type="checkbox"/> Change Plans | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | <u>STIMULATE MIDDLE</u> |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | <u>MORROW FORM.</u> |

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 location has been determined that the final site is ready for final inspection.)

04/05/99 NOTICE OF INTENT TO FRACTURE STIMULATE MIDDLE MORROW FORMATION:

1. MIRU HES COIL TBG UNIT & N2 SERVICES, RIH & JET WASH PERFS USING VORTEC NOZZLE & 400 GAL CLAY SAFE 5 SYS, FLUSH FL OUT COIL W/10,000 SCF N2, RD CTU & N2 SERV.
2. RU HOWCO TREE SAVER & GUARD. FLOWBK EQMT W/BALL CATCHER, LAY FLOWBK LINE T/OPEN TOP TK, RU HOWCO FRAC EQMT & FLO-CO2 T/TREAT & BALLOUT MORROW, TST LINES T/7500.
3. PMP 4000 GAL CLAY SAFE 5 SYS FOAMED T/60Q W/CO2 @ 10 BPM, TREAT PRESS 6500 PSI, DROP 175, 1.2 SG BIOBALL PERF BALLSEALERS EVENLY SPACED, FLUSH & OVERFLUSH W/ 72 BBL CO2.
4. IMMED. FLOWBK @ RATES OF +/-1.5-2.0MMCFD, THRU FLOWBK MANIFOLD UNTIL MIN BALL RETS OBSERVED OR MIN. 8 HRS. RD GUARDIAN EQMT & RET T/PROD, MONITOR/REPORT RATES F/3-4 DAYS ON DIMS.
5. SET 1 FRAC TK ON LOC, LD 435 BBL FR WTR INTO SAME, IMPERATIVE TK CLEAN, VISUALLY INSPECT PRIOR T/LDNG WTR.
6. RU HOWCO TREESAVER T/XMAS TREE.
7. MIRU HOWCO FRAC & N2 EQMT, FRAC MID MORROW THRU CSG PERFS 10,891-10960' (40' 6 SPF, 236 HOLES), HES T/PROVIDE MIN 2,100 HHP (8.5 BPM @ 9500 PSIG), INSTALL BLM

(CONTINUED ON BACK)

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

Title

Supervisor, Regulation/Proration

Date 04/09/99

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, 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.

(Instructions on reverse)

GRAYBURG UNIT #10

04/05/99

- #7 CONTINUED
HYDRAULIC PRESSURE REL VLV IN SURF TREATNG LINES SET @ 10,000 PSIG
W/ISOLATN VLV UPSTREAM, STK & CHAIN ALL SURF TREATNG LINES, APPLY 3000
PSI T/ANNUL & MONITOR, TST SURF LINES T/10,500 PSIG.
8. HES T/PERFORM FRAC TREATMT: FRAC MID MORROW @ +/-17 BPM W/ANTICIPATED
WHITP 9500 PSIG (10,000 MAX), PMP 3000 GAL 50q WATERFRAC 20 PRE-PAD
FOLLOWED BY 27,000 GAL 50Q DELTA FRAC 200 W/SANDWEDGE CARRYING 40,000#
20/40 MESH CARBOPROP, ADJUST RATES AS REQR'D T/MAINTAIN MAX RATE @ 17
BPM, DISPL W/50Q WATERFRAC 20 T/WITHIN 2 BBL OF TOP PERF (2650 GAL).
9. OBTAIN ISIP & FLOWBK IMMED. UNTIL CLOSURE, RD HES.
10. OPEN WELL, KEEPING FLOWBK RATE @ 1.5-2.0 MMCFD, IF WELL DIES, MIRU SWAB
& ATTEMPT T/SWAB IN, USING DRAGER TUBE, FLOW BK T/OPEN TOP TK UNTIL CO2
CUT DECREASES T/LESS THAN 20%,
11. TURN WELL INTO SALES LINE, REPORT 3 DAYS OF STAB. RATES ON DIMS & DROP
F/REPORT.