

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT --" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well: ☒ OIL WELL ☒ GAS WELL ☐ OTHER

2. Name of Operator  
FOUR STAR OIL AND GAS COMPANY

3. Address and Telephone No.  
3300 N. Butler Ave., Suite 100 Farmington NM 87401 325-4397

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Unit Letter N : 845 Feet From The SOUTH Line and 1645 Feet From The  
WEST Line Section 19 Township T25N Range R03W

5. Lease Designation and Serial No.

SF-079601

6. If Indian, Alottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and Number  
LYDIA RENTZ

11A

9. API Well No.

3003925377

10. Field and Pool, Exploratory Area  
LINDRITH GALLUP - DAKOTA, WEST

11. County or Parish, State  
RIO ARRIBA, NM

12. Check Appropriate Box(s) To Indicate Nature of Notice, Report, or Other Data

TYPE OF SUBMISSION

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

TYPE OF ACTION

- ☐ Abandonment  
☒ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ OTHER: ACID STIMULATE

- ☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

FOUR STAR OIL & GAS PROPOSES TO TEST THE GREENHORN FORMATION IN THE SUBJECT WELL. PLEASE SEE ATTACHED PROCEDURE AND WELLBORE DIAGRAM FOR PERTINENT DETAILS.

RECEIVED  
MAY - 6 1996  
OIL & GAS  
DIST. 3

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

SIGNATURE Ted A. Tipton TITLE Operating Unit Manager DATE 4/8/96

TYPE OR PRINT NAME Ted A. Tipton

(This space for Federal or State office use)

APPROVED Robert Kent TITLE Chief, Lands and Mineral Resources DATE MAY 2 1996  
CONDITIONS OF APPROVAL, IF ANY:

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.

**Lydia Rentz No. 11A**  
**Workover Procedure to Test the Greenhorn Interval**

1. Insure that the BLM sundry has been approved. MIRU well service unit. Install BOP. POOH with rods, pump and 2-3/8" tubing.
2. RU wireline service with full lubricator. Perforate 5-1/2", 17# casing from 7725' to 7782' with 2 JSPF, 4" casing guns (Schlumberger HEGS or equivalent). 114 holes. 180 degree phasing. Log reference HLS GR-Density/Neutron, dated 8/5/94.
3. RIH with 5-1/2" RBP and Packer on 2-3/8" tubing, set RBP at 7796'. Set Packer and test RBP to 4,250 psig. Pull Packer up hole and set at 7520'. Shut in tbg-csg annulus and allow pressure to build up from the Gallup. Monitor annulus pressure during treatment. Acid stimulate Greenhorn limestone with 5,700 gallons 15% NEFE acid according to the attached Dowell recommendation. Use 114, 7/8", 1.3 s.g. ball sealers. Drop one ball every 25 gallons acid during second half of treatment. Flush to bottom perf with 2% KCl water. Maximum pressure 4,250 psig. Surge ball sealers. Unset packer and knock balls off perfs.
4. Swab back load. Continue to swab until hydrocarbon production is established. POOH with tubing and packer.
5. TIH with retrieving head on 2-3/8" tubing. Unset RBP and POOH. TIH with production string, rods and pump. Set pump at 8008' (or lower). Place well back on production. This well was averaging 28 BOPD, 7 BWPD and 68 MCFD from the Gallup-Dakota intervals prior to opening the Greenhorn. The Greenhorn interval will be evaluated on the basis of incremental production to determine if a cement squeezed or fracture stimulation is warranted.
6. Obtain stabilized production rate. Final workover on morning report. Submit subsequent sundry.

**Capacities:**

**Burst:**

2-3/8", 4.6#, J-55 tubing	0.1624 gals/ft (0.00387 Bbls/ft)	7,700 psi (80%: 6,160 psi)
5-1/2", 17# J-55 casing	0.9764 gals/ft (0.0232 Bbls/ft)	5,320 psi (80%: 4,256 psi)
2-3/8" x 5-1/2", 17# annulus	0.7463 gals/ft (0.0178 Bbls/ft)	

MRR 4/19/96