

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

96 JUN 17

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 : 990 Feet From The SOUTH Line and 1650 Feet From The
WEST Line Section 20 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
9

9. API Well No.
3003925316

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	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> OTHER: _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> 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
JUN 20 1996
OIL CON. DIV.
DIAL. 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 Chief, Lands and Mineral Resources DATE JUN 19 1996

CONDITIONS OF APPROVAL, IF ANY: _____ TITLE _____ DATE _____

Lydia Rentz No. 9*
Workover Procedure to Test the Greenhorn Limestone Interval

1. Insure that the BLM sundry has been approved. MIRU well service unit. Install BOP. POOH with rods, pump and 2-7/8" tubing.
2. RU wireline service with full lubricator. Perforate 5-1/2", 17# casing from 7928' to 7933' with 4 JSPF, 4" casing guns (Schlumberger HEGS or equivalent). 20 holes. 90 degree phasing. Log reference Schlumberger GR-CCL-CET, dated 10/6/93.
3. RIH with 5-1/2" RBP and packer on 3-1/2" N-80 workstring, set RBP at 7970'. Set packer and test RBP to 4,500 psig. Spot 2 sacks sand on RBP. Pull Packer up hole and set at 7800'. Load, then shut in and pressure up Gallup on backside. Fracture stimulate Greenhorn limestone according to the attached Dowell procedure. Do not over flush the frac. If Nolte plot net pressure is stable, taper down rate during flush to assist tip screenout and minimize fluid momentum at final shut down. Flow back at a slow steady rate (< 1/2 BPM) until fracture force closes. Shut in overnight.
4. Swab/flow to recover additional load. If well will flow, place on production and test Greenhorn until a stabilized rate is established. If well will not flow, POOH with workstring and packer. TIH with retrieving head on workstring. Unset RBP and POOH. TIH with 2-7/8" production string, rod string and pump. Set pump at 8165' or lower (PBSD @ 8192'). Place well on production. Release well service unit.
5. Obtain stabilized production rate. The Greenhorn interval will be evaluated on the basis of incremental production. This well was averaging 6 BOPD, 3 BWPD and 47 MCFD from the Gallup-Dakota intervals prior to opening the Greenhorn. Final workover on morning report. Submit subsequent sundry.

Capacities:

Burst:

2-7/8", 6.5#, J-55 tubing	0.2431 gals/ft (0.00579 Bbls/ft)	7,260 psi (80%: 5,808 psi)
5-1/2", 17# WC-50 casing	0.9764 gals/ft (0.0232 Bbls/ft)	4,900 psi (80%: 3,920 psi)
2-7/8" x 5-1/2", 17# annulus	0.6392 gals/ft (0.0152 Bbls/ft)	
3-1/2", 9.3#, N-80 tubing	0.3652 gals/ft (.00870 Bbls/ft)	10,100 psi (80%: 8,080 psi)
3-1/2" x 5-1/2", 17# annulus	0.4766 gals/ft (.0113 Bbls/ft)	

MRR 6/14/96