

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 Farmington NM 87401 325-4397

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Unit Letter K : 1850 Feet From The SOUTH Line and 1840 Feet From The  
WEST Line Section 22 Township T25N Range R05W

5. Lease Designation and Serial No.  
JIC 34

6. If Indian, Allottee or Tribe Name  
JICARILLA

7. If Unit or CA, Agreement Designation

8. Well Name and Number  
JICARILLA C  
34

9. API Well No.  
3003922840

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  
☐ Attering Casing  
☐ OTHER:
- ☐ 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 CO. PROPOSES THE FOLLOWING ON THE SUBJECT WELL:

FOUR STAR OIL & GAS CO. REQUESTS APPROVAL TO ADDITIONALLY COMPLETE THE SUBJECT WELL IN THE GALLUP INTERVAL OF THE GALLUP / DAKOTA POOL. PLEASE SEE ATTACHED PROCEDURE AND WELLBORE DIAGRAM FOR PERTINENT DETAILS.

RECEIVED  
JAN 10 1997  
OIL CON. DIV.  
DIST. 3

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

SIGNATURE Ted A. Tipton TITLE Operating Unit Manager DATE 11/18/96

TYPE OR PRINT NAME Ted A. Tipton

(This space for Federal or State office use)

APPROVED [Signature] TITLE For Oil, Lands and Mineral Resources DATE JAN 9 1997

CONDITIONS OF APPROVAL, IF ANY: TITLE DATE

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.

Workover Procedure

1. Insure that a BLM Sundry has been approved and any stipulations of approval are adhered to. Inspect and repair rig dead man anchors as needed.
2. MIRU well service unit... NDWH. NUBOP.
3. Kill well with 2% Kcl water if necessary. POOH with 7133' of 2-3/8" production tubing.
4. RU wireline service. Perforate the following Gallup intervals with 4 JSPF, Schlumberger HEGS, w/90 degree phasing:

#	Interval	Net ft	# holes
1.	6164'-68'	4'	16
2.	6180'-84'	4'	16
3.	6204'-14'	10'	40
4.	6236'-50'	14'	56
5.	6263'-76'	13'	52
6.	6330'-34'	4'	16

Total = 49' net, 170' gross, 196 holes.

5. RIH with 4-1/2" RBP and treating packer on 2-7/8" workstring. Set RBP at 6590'. Set packer and test RBP to 4,000 psig. Spot 2-3 sacks of sand on RBP. Pull packer up hole and spot 150 gals 15% Hcl acid across Gallup perfs. Pull packer uphole and set at 6060'. Pressure up backside to 500 psig. Break down perfs with 500 gals 15% Hcl acid and ball out perfs with 2% Kcl water and 196 7/8" 1.3 s.g. rubber ball sealers. Max pressure = 4,000 psig. Surge ball sealers and allow time to fall. Unseat packer and run through perfs to dislodge any stuck balls. Pull packer back up to 6060' and reset.
6. RU Dowell and a flow back line w/adjustable choke to rig pit. Pressure up backside to 500 psig. Frac down 2-7/8" workstring using 70 quality Nitrogen foamed gelled Kcl water and 100,000 lbs 20/40 Ottawa sand followed by 25,000 lbs 20/40 resin coated Ottawa sand as per the attached Dowell frac schedule. Anticipated average rate = 20 BPM. Max pressure = 4,000 psig. Under flush by 2-3 barrels. If Nolte plot net pressure is stable, taper down rate during flush to assist tip screenout and minimize fluid momentum at final shut down. Obtain ISIP, then begin immediate flow back at 1-2 BPM in order to "force close" the fracture. Flow back at 1-2 BPM until gel has broken as per pre-job test then go wide open in order to utilize the nitrogen to help bring back load. Shut-in for the night.
7. Swab/flow using nitrogen to help recover load. Release packer and POOH. RIH with hydrostatic bailer and clean out sand to top of RBP. RIH with retrieving tool and POOH and lay down RBP and workstring. RIH with 2-3/8" production string with extra tubing to check for fill in Dakota. Clean out Dakota if necessary. Set 2-3/8" production string at 7090' with seating nipple on bottom for receiving a plunger bumper spring. Swab until flow is established. Place well back on line to central compressor.
8. NDBOP, NUWH, RD well service unit. Notify EA to file subsequent sundry. Evaluate production for automatic plunger lift system.



11/19/96

## JICARILLA C No. 34

CURRENT COMPLETION  
w/ Proposed Gallup Perfs

API# 330-039-22840

### LOCATION:

1850' FSL & 1840' FWL  
NE/SW, Sec. 22, T25N, R5W  
Rio Arriba County, New Mexico

ELEVATION: 6692' GR  
6699' KB

SPUD DATE: 3-10-82

COMPL DATE: 7-26-82

### FORMATION TOPS:

Ojo Alamo 2236' (+4463')  
Kirtland 2437' (+4262')  
Fruitland 2560' (+4139')  
Pictured Cliffs 2810' (+3889')  
Chacra 3689' (+3010')  
Mesaverde 4457' (+2242')  
Gallup 6164' (+ 535')  
Greenhorn 6927' (- 228')  
Graneros 6992' (- 293')  
Dakota 7022' (- 323')

### PROPOSED GALLUP PERFORATIONS:

6164' - 68'  
6180' - 84'  
6204' - 14'  
6236' - 50'  
6263' - 76'  
6330' - 34'  
4 JSPF

### DAKOTA PERFORATIONS:

7026'-34', 7042'-54', 7156'-64',  
7169'-72', 7192'-7200', 7216'-20'  
49, 0.38" Holes, 1 SPF

7156'-7220', Acid w/ 1150 Gal. 15% HCl,  
7026'-7054', Acid w/ 850 Gal. 15% HCl,  
Frac w/ 58150 Gal. X-Link Gel  
w/ 105000# 20/40 Sand & 90000# CO<sub>2</sub>.

