

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 (505) 325-4397

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Unit Letter K : 1450 Feet From The SOUTH Line and 1475 Feet From The
WEST Line Section 18 Township T30N Range R10W

5. Lease Designation and Serial No.

SF-077764

6. If Indian, Alottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and Number

SCHUMACHER

1

9. API Well No.

3004521157

10. Field and Pool, Exploratory Area

BLANCO MESAVERDE (PRORATED GAS)

11. County or Parish, State

SAN JUAN, 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: SQUEEZE PERFS
☐ 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 COMPANY PROPOSES THE FOLLOWING ON THE SUBJECT WELL:

FOUR STAR PROPOSES TO PLUG THE CLIFF HOUSE PERFORATIONS WITH A CEMENT SQUEEZE IN THE SUBJECT WELL. THE ATTACHED PROCEDURE WILL BE USED. PLEASE REFER TO THE ATTACHED WELLBORE DIAGRAM.

RECEIVED
OCT 20 1997
OIL CON. DIV.
DIST. 3

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

SIGNATURE Allen Davis TITLE Operating Unit Manager DATE 8/20/97

TYPE OR PRINT NAME Allen Davis

(This space for Federal or State office use)

APPROVED /s/ Diane W. Snodgrass

CONDITIONS OF APPROVAL, IF ANY: _____ TITLE _____ DATE OCT 16 1997

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.

NMOCD



SCHUMACHER No. 1

CURRENT COMPLETION

LOCATION:

Unit K, 1450' FSL & 1475' FWL
NE/4, SW/4, Sec. 18, T30N, R10W
San Juan County

SPUD DATE: 12-27-72

COMPL. DATE: 2-03-73

ELEVATION: 6282' KB

FORMATION

TOPS:

Cliffhouse 4514'
Menefee 4586'
Pt. Lookout 5010'

MESA VERDE PERFS

1 JSPF:

Cliff House (Proposed to squeeze):

4550'-60' 4567'-77'

Point Lookout:

5017'-28' 5035'-39'

5046'-56' 5081'-90'

5099'-5106' 5139'-43'

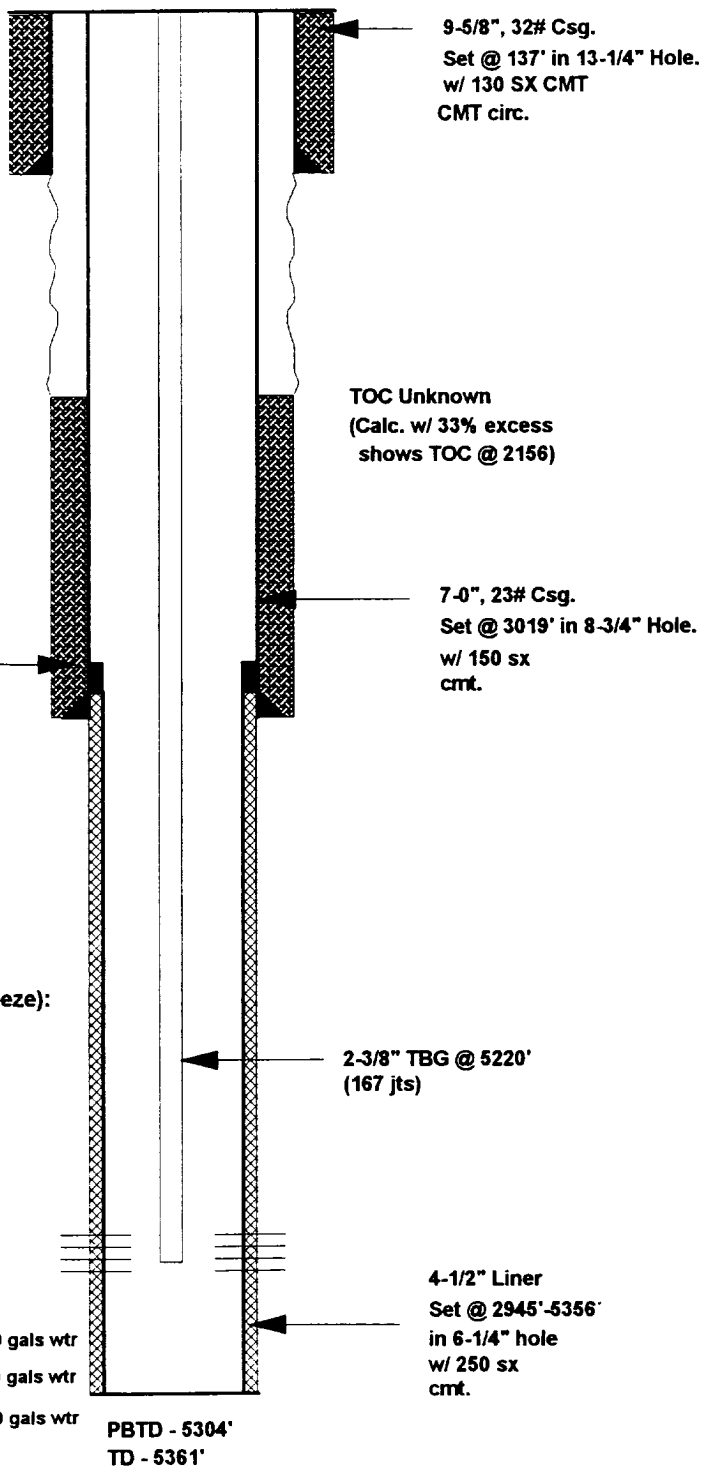
5175'-79' 5253'-60'

3 Frac Intervals:

4550'-77' 30,000 # 20/40 & 30,000 gals wtr

5017'-5106' 30,000 # 20/40 & 30,000 gals wtr

5139'-5260' 30,000 # 20/40 & 30,000 gals wtr



Schumacher #1
Cement squeeze Cliff House sandstone

1. Insure intent sundry approval has been obtained. Check and repair rig anchors as needed. Maintain morning reporting.
2. MIRU well service unit. Kill well with 2% KCl water if necessary. Remove wellhead. NUBOP. Pull and lay down rods and pump. POOH w/ 2-3/8" tubing.
3. TIH with 2-3/8" tubing and 4-1/2" RBP. Set RBP in liner at 4620'. Spot 2-3 sacks of sand on top of RBP. RIH with 4-1/2" cement retainer on 2-3/8" tubing and set at 4510'. Load and pressure test backside to 500 psig.
4. RU Dowell, establish rate and pressure into Cliff House perforations at 4550'-4577' (20 perf holes). Squeeze 75 sacks class G cement with fluid loss and dispersant additives. Tail in with 50 sacks class G neat cement as necessary. Sting out of retainer and reverse tubing clean. TOOH with tubing.
5. TIH with tubing, collars and 3-7/8" bit. Drill out retainer and cement to top of RBP. Pressure test casing and squeeze job to 500 psig. POOH with workstring. RIH with retrieving head on 2-3/8" tubing. Retrieve RBP.
6. TIH with 2-3/8" production tubing and seating nipple w/plunger bumper spring at 5100'. Swab in well as necessary to re-establish production flow. Install plunger lift equipment and plunger. Place well on line.
7. RDMO. Notify Butler office of job completion for submittal of subsequent sundry.

Capacities:

Burst:

2-3/8", 4.7#, WC-50 tbg	0.00387 Bbls/ft	5,000 psi (80% = 4,000 psi)
4-1/2", 9.5#, K-55 csg	0.0162 Bbls/ft	4,380 psi (80% = 3,504 psi)
7", 23#, K-55 csg	0.0393 Bbls/ft	4,360 psi (80% = 3,488 psi)
2-3/8" tbg x 7", 23 # csg	0.0339 Bbls/ft	
2-3/8" tbg x 4-1.2", 9.5# csg	0.0108 Bbls/ft	

MRR 8/19/97

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5. Lease Designation and Serial No.

SF-077764

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
SW-733

8. Well Name and Number

SCHUMACHER

1

9. API Well No.

300452-157

10. Field and Pool, Exploratory Area

BLANCO MESAVERDE (PRORATED GAS)

11. County or Parish, State

SAN JUAN, NM

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- ☐ OTHER: _____
- ☐ Change of Plans
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FOUR STAR OIL & GAS CO. HAS COMPLETED THE FOLLOWING ON THE SUBJECT WELL:

12/11/97 - MIRU. ND WELLHEAD, NU BOP. TAG HARD SCALE T 4550'. CLEAN OUT TO 4577'. TAG FILL AT 5270'. RIH W/ RBP, SET AT 4620'. SPOT 2 SX SAND ON RBP. RIH W/ CEMENT RETAINER, SET AT 4493'. TEST BACKSIDE, WOULD NOT HOLD PRESSURE. FOUND HOLE IN LINER FROM 3986' TO 4480'. SPOT 49 SX CLASS 'G' CEMENT ACROSS INTERVAL. RIH, TAG CEMENT AT 3585'. DRILL CEMENT FROM 3585' TO 3727'. FELL OUT OF CEMENT TO 4380'. SPOT 93 SX ADDITIONAL CEMENT. RIH, TAG CEMENT AT 3980'. DRILL CEMENT FROM 3980' TO 4355'. TESTED CASING TO 500 PSI., HELD. DRILLED OUT CEMENT FROM 4355'-4460'. PRESSURE TESTED TO 400 PSI., LOST 60 PSI IN 10 MIN. CLEAN OUT SCALE, CEMENT, AND SAND FROM 4522' TO 4605'. SPOT 3 BBL. LOW FLUID LOSS CEMENT. RIG UP SWAB EQUIPMENT. SWAB WELL. WELL STILL MAKING WATER. SPOT 4 BBL. LOW FLUID CEMENT FROM 4583' TO 4343'. DRILLED OUT CEMENT FROM 4445' TO 4580'. PRESSURE TEST CASING TO 400 PSI. SLIGHT LEAK, LOSING 20# IN 15 MIN. DRILL UP RETAINER AND CIRCULATE CLEAN TO RBP. REMOVE RBP. RIH W/ TUBING TO 5104'. ND BOP, NU WELLHEAD. SWAB WELL. PUT WELL ON PRODUCTION.

RECEIVED
JAN 20 1998
OIL CON. DIV.
DIST. 3

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

SIGNATURE

TITLE Operating Unit Manager

DATE

1/12/97

TYPE OR PRINT NAME

Allen Davis

ACCEPTED FOR RECORD

(This space for Federal or State office use)

APPROVED

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

JAN 15 1998

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.

FARMINGTON DISTRICT OFFICE