

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., Suit Farmington NM 87401 325-4397
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Unit Letter D : 800 Feet From The NORTH Line and 900 Feet From The
WEST Line Section 23 Township T25N Range R11W

5. Lease Designation and Serial No. 14-20-803-1434
6. If Indian, Allottee or Tribe Name NAVAJO ALLOTTED
7. If Unit or CA, Agreement Designation SRM-I-4310
8. Well Name and Number NAVAJO ALLOTTEES M 3
9. API Well No. 3004521742
10. Field and Pool, Exploratory Area BASIN DAKOTA (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	TYPE OF ACTION	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> OTHER: DOWNHOLE COMMINGLE	<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.)

NAVAJO ALLOTTEES M NO. 3 IS CURRENTLY COMPLETED IN THE MIDDLE DAKOTA FORMATION.

FOUR STAR OIL AND GAS CO PROPOSES TO ADDITIONALLY COMPLETE IN THE BISTI GALLUP FORMATION. UPON APPROVAL FROM THE NMOCD, THE GALLUP WILL BE DOWNHOLE COMMINGLED WITH EXISTING DAKOTA. SEE ATTACHED PROCEDURE AND WELLBORE DIAGRAMS FOR PERTINENT DETAILS.

RECEIVED
MAY 2 7 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 4/10/97
TYPE OR PRINT NAME Ted A. Tipton

(This space for Federal or State office use)

APPROVED

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.

NMOCD

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. Maintain morning reports throughout workover.
2. MIRU well service unit. NDWH. NUBOP. TOH with rods and pump. Obtain sample of fouling material from pump and/or rods. Give to Unichem representative for analysis. Drop down with tubing and tag for fill (PBTD: 6029', Dakota). Perforations: 5905'-5916', 5926'-5932'). TOOH with tubing.
3. RU wireline. Set RBP on wireline at 5180'. Spot 2-3 sacks sand on top of RBP with wireline bailer. Perforate Gallup at 5020'-5030' with 4 JSPF, Schlumberger HEGS, w/90 degree phasing - 10', 40 holes.
4. RIH with treating packer on 3-1/2" workstring. Set packer above RBP and test RBP to 3,850 psig. Spot 2-3 sacks sand on top of RBP. Pull packer up hole and spot 150 gallons 15% Hcl acid across Gallup perforations. Pull packer uphole and set at 4920'. Pressure up backside to 500 psig. Break down perms with 500 gals 15% Hcl acid and 2% Kcl water. Max pressure = 3,850 psig.
5. RU Dowell and a flow back line w/adjustable choke to rig pit. Pressure up backside to 500 psig. Frac down 3-1/2" workstring using the attached Dowell frac schedule. Anticipated average rate = 30 BPM. Max pressure = 3,850 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. Shut-in for the night.
6. Release packer and POOH. RIH with hydrostatic bailer and clean out sand to top of RBP. POOH with bailer. RIH with 2-3/8" production string and set 5040'. Run pump and rods. Place well on production.
7. NDBOP, NUWH, RD well service unit. Notify EA to file subsequent sundry.
8. When downhole commingle has been approved MIRU Service Unit. NDWH. NUBOP. TOH with rods and pump. Drop down with tubing and tag for fill above RBP at 5180'. TOOH with tubing.
9. Clean out above RBP with bailer if necessary. RIH with retrieving head on 2-3/8" tubing. TOOH with RBP.
10. Depending on fill found in step 2, clean out to PBTD at 6029' using bailer or reverse unit, workstring, seating nipple and bit using 2% Kcl water.
11. With workstring, seating nipple and bit, spot a balanced column of xylene (or other Unichem recommended chemical to clean out fouling material) across Dakota perforated interval 5905'-5932' using 2% Kcl water. Pull bit to above solvent column and shut-in overnight.
12. If needed, TIH with workstring and packer and set packer at 5865'. Acidize/stimulate Dakota formation as per Unichem's recommendation using a mutual solvent prescribed by Unichem. Flow and/or swab back load. TOOH with workstring and packer.
13. TIH with production tubing, rods and pump. Set pump at 5950'. Place well on downhole commingled production.
14. Begin chemical treatment as per Unichem's recommendation.
15. NDBOP, NUWH, RD well service unit. Notify EA to file subsequent sundry and severance tax reduction application.



4/11/97

NAVAJO ALLOTTEES M No. 3

CURRENT COMPLETION

LAST WELL ON LEASE

LOCATION:

800' FNL & 900' FWL
Sec. 23, T25N, R11W

SPUD DATE: 7/19/76

ELEVATION: 6497' KB
6485' GR

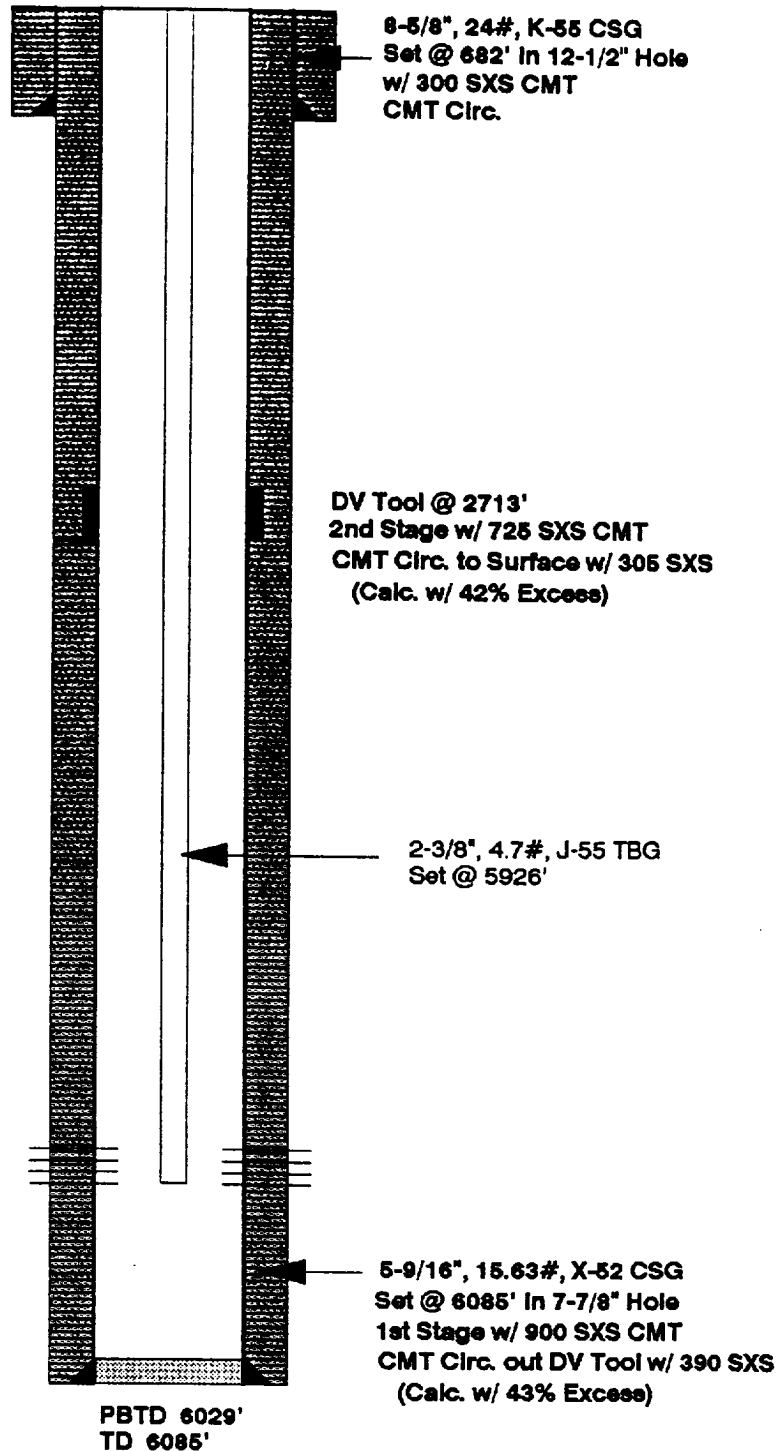
FORMATION TOPS:

Pictured Cliffs 1335'
Mesa Verde 2110'
Mancos 4012'
Gallup 4830'
Greenhorn 5720'
Graneros 5788'
Dakota 5824'
PBTD 6029'
TD 6085'

DAKOTA PERFS:

5905'-5916',
5926'-5932'
2 SPF

*Frac w/ 44,000 Gals.,
& 80,000# Sand*





4/11/97

NAVAJO ALLOTTEES M No. 3

PROPOSED COMPLETION
LAST WELL ON LEASE

LOCATION:

800' FNL & 900' FWL
Sec. 23, T25N, R11W

SPUD DATE: 7/18/76

ELEVATION: 6497' KB
6495' GR

FORMATION TOPS:

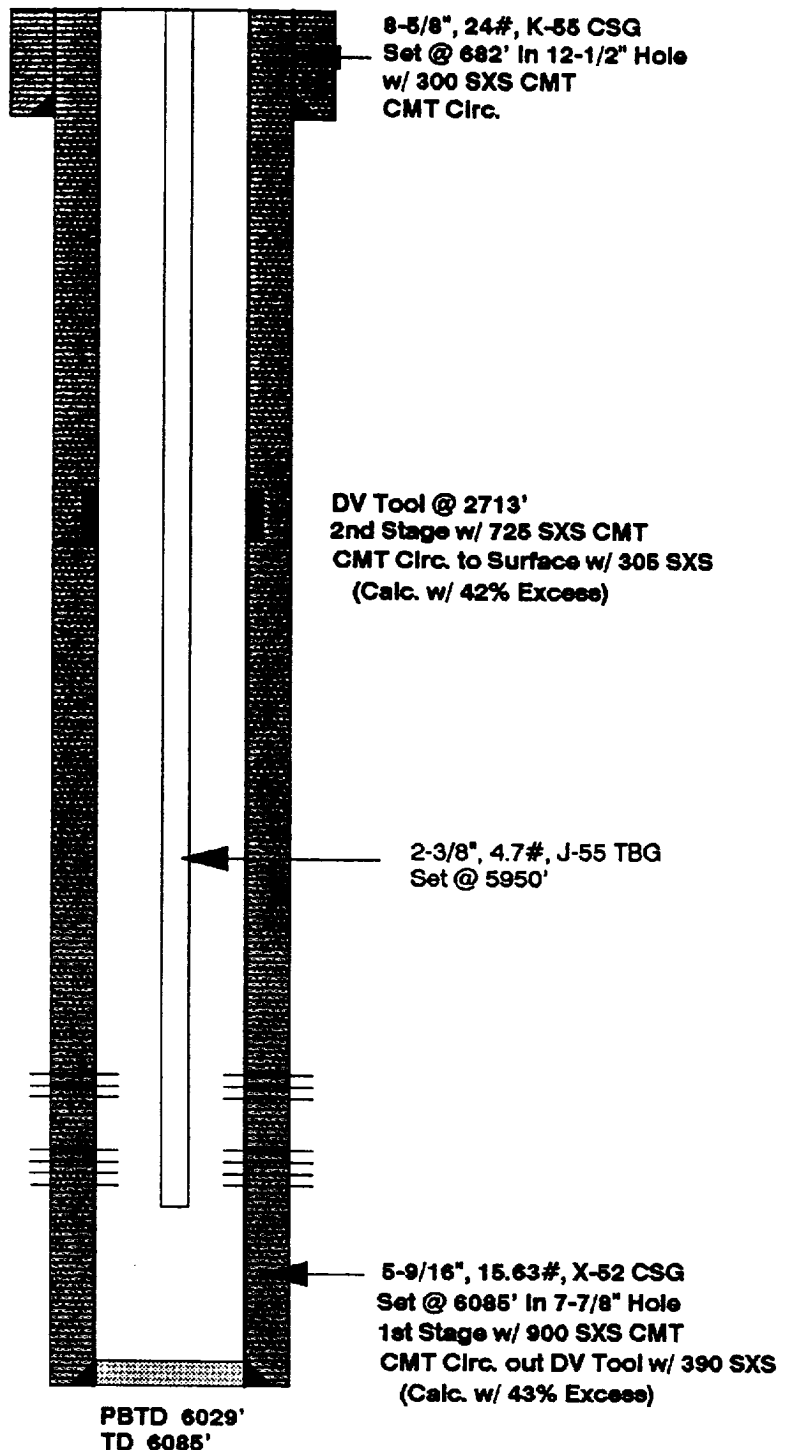
Pictured Cliffs 1335'
Mesa Verde 2110'
Mancos 4012'
Gallup 4830'
Greenhorn 5720'
Graneros 5788'
Dakota 5824'
PBSD 6029'
TD 6085'

PROPOSED GALLUP PERFS:

5020'-5030'
4 SPF

DAKOTA PERFS:

5905'-5916',
5926'-5932'
2 SPF
*Frac w/ 44,000 Gals.,
& 80,000# Sand*



DISTRICT I

P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II

P.O. Box Drawer DD, Artesia, NM 88211-0719

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

P.O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
 Santa Fe, New Mexico 87504-2088

Form C-102

Revised February 10, 199

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

¹ API Number 3004521742	² Pool Code 5890	³ Pool Name 070 FARMINGTON DIST. LOWER GALLUP
⁴ Property Code	⁵ Property Name NAVAJO ALLOTTEES M	
⁷ OGRID Number 022364	⁶ Operator Name TEXACO EXPLORATION & PRODUCTION, INC.	⁸ Well No. 3
		⁹ Elevation 6485' GR

10 Surface Location

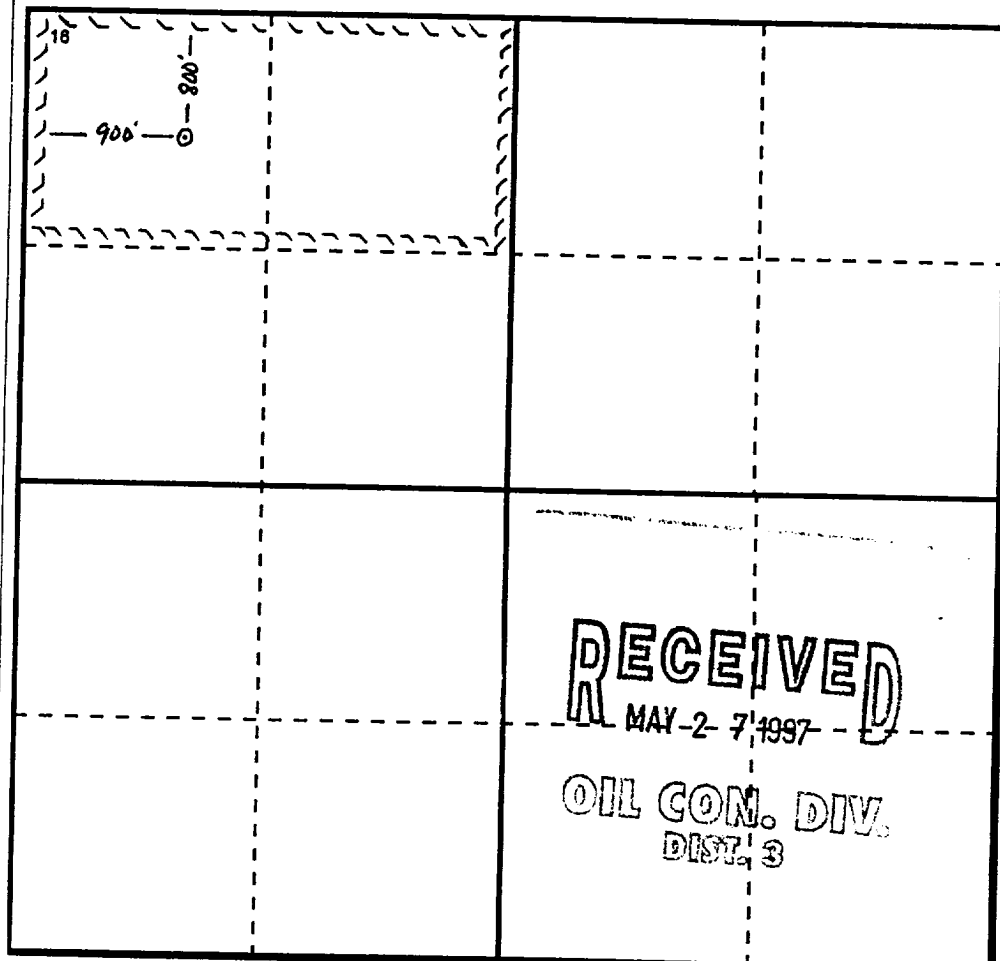
UI or lot no	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County
D	23	T25N	R11W		800	NORTH	900	WEST	SAN JUAN

11 Bottom Hole Location If Different From Surface

UI or lot no.	Section	Township	Range	Lot.Idn	Feet From The	North/South Line	Feet From The	East/West Line	County

¹² Dedicated Acre LD 80	¹³ Joint or Infill No	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
 OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

**17 OPERATOR CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief

Signature

Mark R. Reinhold

Printed Name

Mark R. Reinhold

Positio

Production Engineer

Date

4/11/97

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Signature & Seal of
Professional Surveyor**ACCEPTED FOR RECORD**

Certificate No. APR 11 1997

FARMINGTON DISTRICT OFFICE

NM000