

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0136  
Expires December 31, 1991

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

6. If Indian, Alottee or Tribe Name  
ALOTTEE

1a. Type of Work DRILL ☒ DEEPEN ☐

1b. Type of Well

OIL WELL ☐ GAS WELL ☒ OTHER ☐

SINGLE ZONE ☒

MULTIPLE ZONE ☐

7. If Unit or CA, Agreement Designation

8. Well Name and Number  
BLANCO

2. Name of Operator  
FOUR STAR OIL AND GAS COMPANY

4-A

3. Address and Telephone No.  
3300 N. Butler Ave. Ste 10 Farmington NM 87401 325-4397

9. API Well No.  
30-045-30015

4. Location of Well (Report location clearly and in accordance with any State requirements.)

At Surface

Unit Letter D : 1280 Feet From The NORTH Line and 825 Feet From The WEST Line

At proposed prod. zone

MESA VERDE

10. Field and Pool Exploratory Area  
BLANCO MESA VERDE

11. SEC., T., R., M., or BLK. and Survey or Area

Sec. 12, Township 27N, Range R9W

14. Distance In Miles and Direction from Nearest Town or Post Office\*

APPROX. 14 MILES FROM BLANCO, N.M.

12. County or Parish

SAN JUAN

13. State

NM

15. Distance From Proposed\* Location to Nearest Property or Lease Line, Ft. (also to nearest drlg. unit line, if any) 825

16. No. of Acres in Lease 640

17. No. of Acres Assigned To This Well 320 W/L

18. Distance From Proposed Location\* to Nearest Well, Drilling, Completed or Applied For, On This Lease, Ft. 541'

19. Proposed Depth 4615'

20. Rotary or Cable Tools

ROTARY

21. Elevations (Show whether DF, RT, GR, etc.)

This action is subject to technical and 6015' GR  
procedural review pursuant to 43 CFR 3165.2  
and appeal pursuant to 43 CFR 3165.4.

22. Approx. Date Work Will Start\*

06/01/2000

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	3-5/8"	32#	350'	260SX
7-7/8"	5-1/2"	15.5#	4615'	480SX

DRILLING OPERATIONS AUTHORIZED AND  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS"

FOUR STAR OIL AND GAS CO. PROPOSES TO DRILL THIS DEVELOPMENT WELL TO A DEPTH OF 4615'. THIS WELL WILL TEST THE PRODUCTIVITY OF THE MESA VERDE FORMATION. IF THE WELL IS UNPRODUCTIVE, IT WILL BE PLUGGED AND ABANDONED AS PER BLM REQUIREMENTS.

BOND COVERAGE FOR THIS WELL IS PROVIDED BY BOND NO. K02907914-C4073 (NATION WIDE BLM BOND) & BOND NO. K02907914-F4072 (NATION WIDE BIA BOND)

AN ARCHAEOLOGICAL SURVEY WAS PERFORMED AS REQUIRED.

FOUR STAR OIL AND GAS REQUESTS AN ACCESS ROAD AND PIPE LINE RIGHT OF WAY UNDER LEASE RIGHTS.

In Above Space Describe Proposed Program: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured true verticle depths. Give blowout preventer program, if any

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

SIGNATURE Arthur D. Archibeque TITLE Eng. Assistant

DATE 03/07/2000

TYPE OR PRINT NAME Arthur D. Archibeque

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

APPROVED BY Jim Lovato TITLE \_\_\_\_\_ DATE MAY 25

CONDITIONS OF APPROVAL, IF ANY

NMOC

District I  
PO Box 1980, Hobbs NM 88241-1980

District II  
PO Drawer 80, Artesia, NM 88211-0719

District III  
1000 Rio Brazos Rd., Artesia NM 87410

District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
PO Box 2088  
Santa Fe, NM 87504-2088

Form O-102  
Revised February 21, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

20 MAR 21 10 2:57

WELL LOCATION AND ACREAGE DEDICATION, PLAT

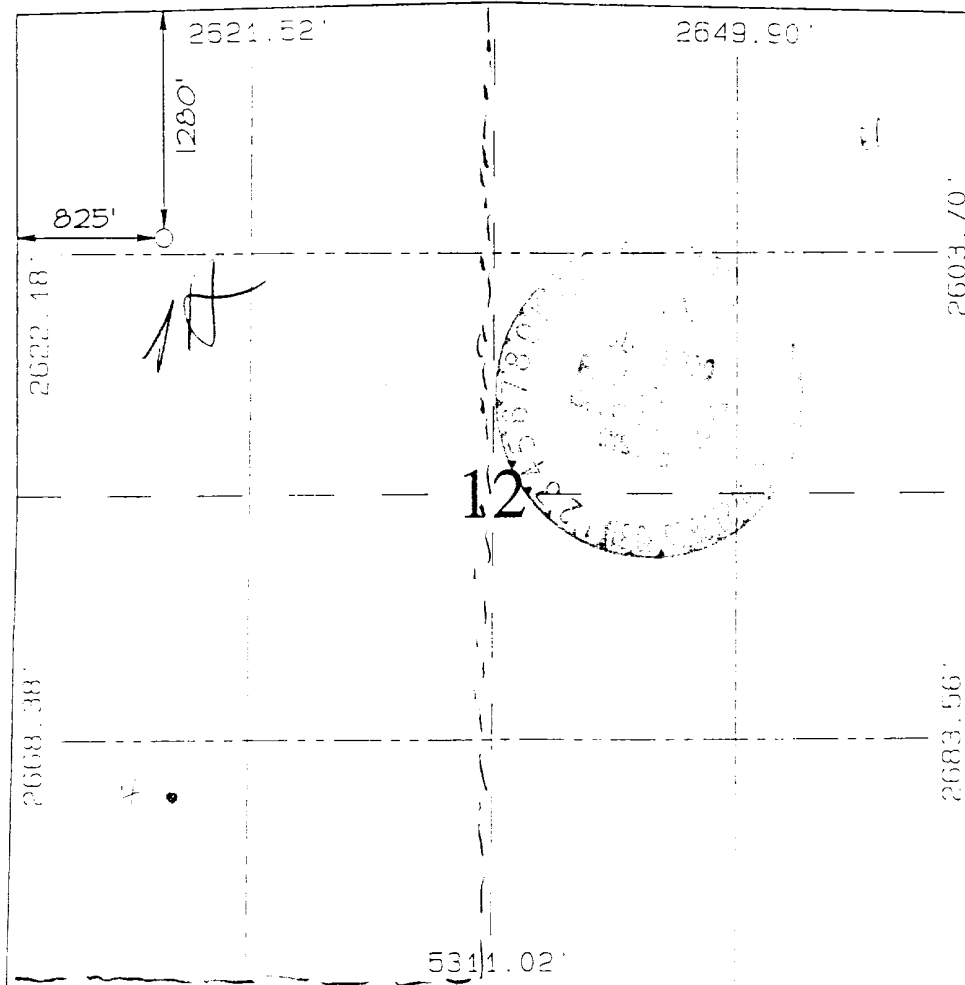
API Number <u>30-045-38 715</u>	Pool Code <u>72319</u>	Pool Name <u>BLANCO MESA VERDE</u>
Property Code <u>17659</u>	Property Name <u>BLANCO</u>	Well Number <u>41</u>
GRID No. <u>131994</u>	Operator Name <u>FOUR STAR OIL &amp; GAS COMPANY</u>	Elevation <u>8015</u>

10 Surface Location									
UL or lot no	Section	Township	Range	Lot Id	Feet from the	North/South line	Feet from the	East/West line	County
<u>0</u>	<u>12</u>	<u>27N</u>	<u>9W</u>		<u>1280</u>	<u>NORTH</u>	<u>825</u>	<u>WEST</u>	<u>SAN JUAN</u>

11 Bottom Hole Location If Different From Surface									
UL or lot no	Section	Township	Range	Lot Id	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres <u>320 W/2</u>	Joint or Infill <u>I</u>	Consolidation Code	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



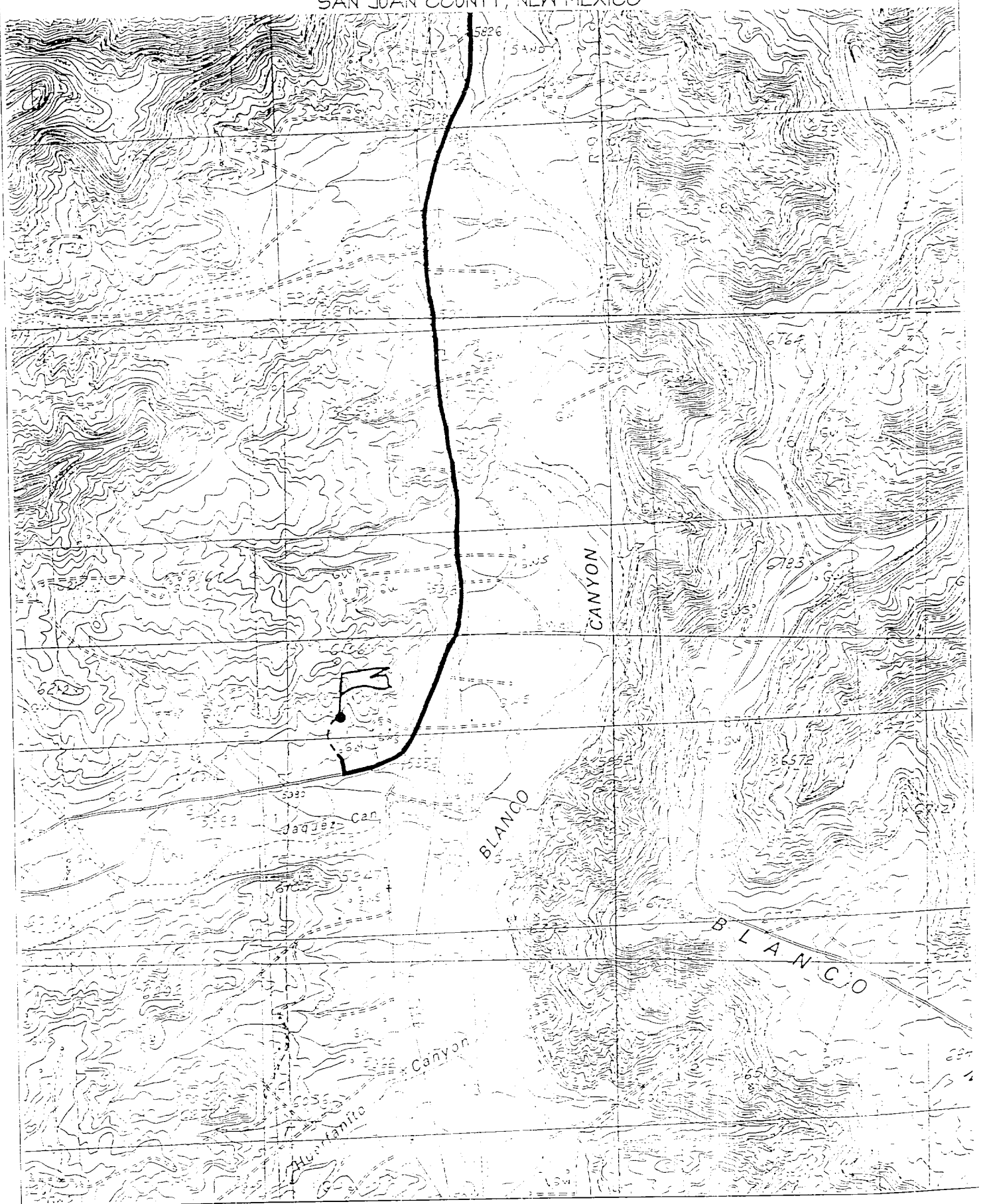
OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.
<u>Arthur D. Archibegun</u>
Signature
<u>Arthur D. Archibegun</u>
Printed Name
<u>Engineer Assistant</u>
Title
<u>3/27/2000</u>
Date

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 belief.
<u>FEBRUARY 7, 2000</u>
Date of Survey
<u>NEALE C. EDWARDS</u>
Signature and Seal
<u>6857</u>
Certificate Number
<u>6857</u>

FOUR STAR OIL & GAS COMPANY BLANCO #4A

1280' FNL & 825' FAL, SECTION 12, T27N, R9W, N.M.P.M.

SAN JUAN COUNTY, NEW MEXICO



# DRILLING PROGRAM

OPERATOR: FOUR STAR OIL & GAS Co.  
LEASE NAME: BLANCO 4-A  
LEASE NUMBER: BIA I-149-IND-8465  
LOCATION: 1100' FNL- 990'FWL SEC. 12 27N-9W SAN JUAN COUNTY, NEW MEXICO

## 1. ESTIMATED TOPS OF GEOLOGIC MARKERS.

THE ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS ARE AS FOLLOWS:

<u>FORMATION</u>	<u>DEPTH</u>	<u>SJBSEA</u>
MESA VERDE	4375'	3940'
T.D.	4615'	4305'

## 2. ESTIMATED DEPTHS OF ANTICIPATED OIL, GAS, WATER, OR OTHER MINERAL BEARING ZONES.

<u>FORMATION</u>	<u>DEPTH</u>	<u>SUBSTANCE</u>
MESA VERDE	4375'	GAS
T.D.	4615'	--

IF ANY UNEXPECTED WATER OR MINERAL BEARING ZONES ARE ENCOUNTERED DURING DRILLING, THEY WILL BE REPORTED, EVALUATED, AND PROTECTED AS CIRCUMSTANCES AND REGULATIONS REQUIRE.

## 3. BOP EQUIPMENT.

TEXACO'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL EQUIPMENT ARE AS FOLLOWS:

RAM TYPE: HYDRAULIC DOUBLE, 3000 PSI W.P.

RAM TYPE PREVENTERS AND ASSOCIATED EQUIPMENT SHALL BE TESTED TO APPROVED STACK WORKING PRESSURE IF ISOLATED BY TEST PLUG OR TO 70 PERCENT OF INTERNAL YIELD PRESSURE OF CASING. PRESSURE SHALL BE MAINTAINED FOR AT LEAST 10 MINUTES OR UNTIL REQUIREMENTS OF TEST ARE MET, WHICHEVER IS LONGER. IF A TEST PLUG IS UTILIZED, NO BLEED-OFF PRESSURE IS ACCEPTABLE. FOR A TEST NOT UTILIZING A TEST PLUG, IF A DECLINE IN PRESSURE OF MORE THAN 10 PERCENT IN 30 MINUTES OCCURS, THE TEST SHALL BE CONSIDERED TO HAVE FAILED. VALVE ON CASING HEAD BELOW TEST PLUG SHALL BE OPEN DURING TEST OF BOP STACK.

ANNULAR TYPE PREVENTERS (IF USED) SHALL BE TESTED TO 50 PERCENT OF RATED WORKING PRESSURE. PRESSURE SHALL BE MAINTAINED AT LEAST 10 MINUTES OR UNTIL PROVISIONS OF TEST ARE MET, WHICHEVER IS LONGER.

AS A MINIMUM, THE ABOVE TEST SHALL BE PERFORMED:

- A. WHEN INITIALLY INSTALLED;
- B. WHENEVER ANY SEAL SUBJECT TO TEST PRESSURE IS BROKEN
- C. FOLLOWING RELATED REPAIRS; AND
- D. AT 30 DAY INTERVALS

VALVES SHALL BE TESTED FROM WORKING PRESSURE SIDE DURING BOPE TESTS WITH ALL DOWNSTREAM VALVES OPEN.

WHEN TESTING THE KILL LINE VALVE(S), THE CHECK VALVE SHALL BE HELD OPEN OR THE BALL REMOVED.