

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-101
Revised 10-1-78

| | |
|------------------------|--|
| NO. OF COPIES RECEIVED | |
| DISTRIBUTION | |
| SANTA FE | |
| FILE | |
| U.S.G.S. | |
| LAND OFFICE | |
| OPERATOR | |

5A. Indicate Type of Lease
STATE ☒ FEE ☐

5. State Oil & Gas Lease No.
LG-1918

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
b. Type of Well DRILL ☐ DEEPEN ☐ PLUG BACK ☒
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. Name of Operator
MESA OPERATING LIMITED PARTNERSHIP

3. Address of Operator
PO BOX 2009, Amarillo, Texas 79189-2009

4. Location of Well
UNIT LETTER F LOCATED 1840 FEET FROM THE NORTH LINE
AND 1835 FEET FROM THE WEST LINE OF SEC. 36 TWP. 24N RGE. 8W NMPM

7. Unit Agreement Name

8. Farm or Lease Name
SOUTH BLANCO

9. Well No.
36F #1

10. Field and Pool, or Wildcat
WILDCAT - Chacra

12. County
SAN JUAN

19. Proposed Depth
PBD 3000'

19A. Formation
CHACRA

20. Rotary or C.T.
WORKOVER RIG

21. Elevations (Show whether DF, RT, etc.)
6877' GR

21A. Kind & Status Plug. Bond
BLANKET

21B. Drilling Contractor
-

22. Approx. Date Work will start
OCTOBER 22, 1986

PROPOSED CASING AND CEMENT PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | SACKS OF CEMENT | EST. TOP |
|--------------|----------------|-----------------|---------------|-----------------|----------------|
| 12 1/4" | 8 5/8" | 24# | 281' | 200 | SURFACE |
| 7 7/8" | 4 1/2" | 10.5# | 5626' | 350/340+200 | 4600 & SURFACE |
| | | | | DV @ 3027' | |

Propose to set CIBP @ 5200' plus 50' of cement above Gallup perfs (5282---5524) and load hole with 9+ lbs/gal mud. Will perforate 4 1/2" casing @ 3411', set cement retainer at 3000' and then squeeze with 100 sx Class "H" cement to place 100' plug behind the casing and 100' inside the casing at 3411'. Perforate the Chacra formation from 2734' to 2789' with 1 JSPF. Acidize with 2000 gals 7% Fe Hcl acid and frac with 49,000 gals of 70 Quality Foam plus 80,000 lbs of 20/40 sand.

RECEIVED
OCT 16 1986
OIL CON. DIV.
DIST. 3

XC: NMOC-D-Aztec(o+5), Prod Rclds, Reg, Res, Land, Expl, Drlg, KP

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed R. E. Mathis Title SAFETY & REGULATORY AGENT Date 10-14-86

(This space for State Use)

ORIGINAL SIGNED BY ERNIE BUSCH

DEPUTY OIL & GAS INSPECTOR, DIST. #3

OCT 16 1986

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Hold C-104
for C-102

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

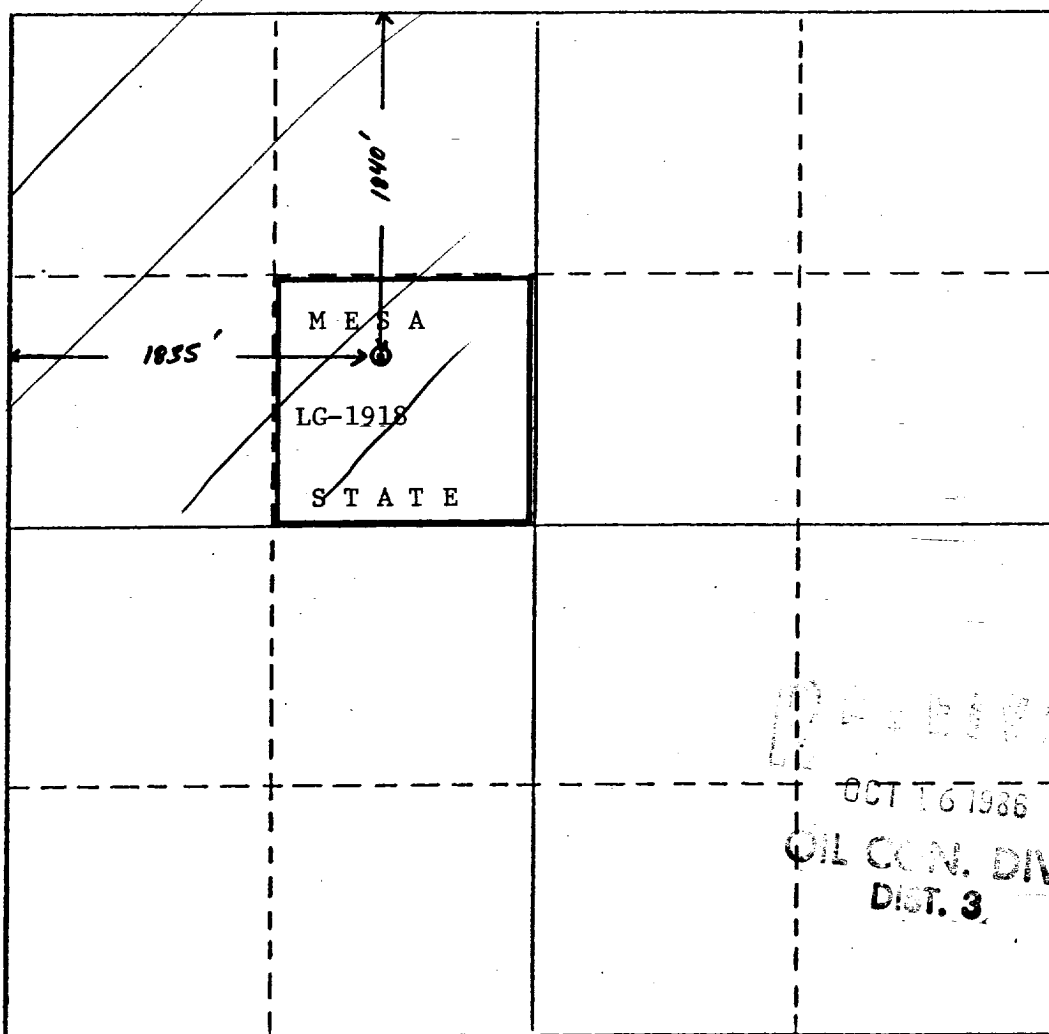
| | | | | | |
|--|-------------------------------|-----------------------|--------------------------------|--------------------|--|
| Operator MESA OPERATING LIMITED PARTNERSHIP | | Lease SOUTH BLANCO | | Well No. 36F #1 | |
| Unit Letter F | Section 36 | Township 24 NORTH | Range 8 WEST | County SAN JUAN | |
| Actual Footage Location of Well: 1840 feet from the NORTH line and 1835 feet from the WEST line | | | | | |
| Ground Level Elev. 6877' | Producing Formation CHACRA | Pool WILDCAT | Dedicated Acreage: 40 Acres | | |

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.



CERTIFICATION

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

R. E. Mathis

Name

R. E. MATHIS

Position

SAFETY & REGULATORY AGENT

Company

MESA OPERATING LIMITED PARTN.

Date

OCTOBER 14, 1986

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

EXISTING WELL

Registered Professional Engineer
and/or Land Surveyor

Certificate No.

OCT 16 1986
OIL CON. DIV.
DIST. 3