

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

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease
STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		7. Unit Agreement Name -----
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		8. Farm or Lease Name Barton
2. Name of Operator Mesa Petroleum Co.		9. Well No. 1
3. Address of Operator Box 2009 Amarillo, Texas 79105		10. Field and Pool, or Wildcat Shoe Bar North Strawn-Morrow
4. Location of Well UNIT LETTER E LOCATED 1980 FEET FROM THE North LINE AND 660 FEET FROM THE West LINE OF SEC. 18 TWP. 16S RGE. 36E NMPM		12. County Lea
19. Proposed Depth 12,100		19A. Formation Strawn-Morrow
20. Rotary or C.T. Rotary		21. Elevations (Show whether DL, RT, etc.) 3952.1 GL
21A. Kind & Status Plug. Bond Blanket		21B. Drilling Contractor Robinson Bros.
22. Approx. Date Work will start 12-20-73		

23. PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8"	54.50#	325'	350+-	Circ.
12 1/4"	9 5/8"	36#	4200'	600+-	3,000
8 3/4"	4 1/2" or 7"		12,100'	To be determined	7800'

BOP's will be API 3000 psi WP.

APPROVAL VOID
FOR 90 DAYS AFTER
DRILLING COMPLETION

EXPIRES 3-19-74

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 Michael P. Houston Title Production Engineer Date 12-14-73

(This space for State Use)

APPROVED BY [Signature] TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

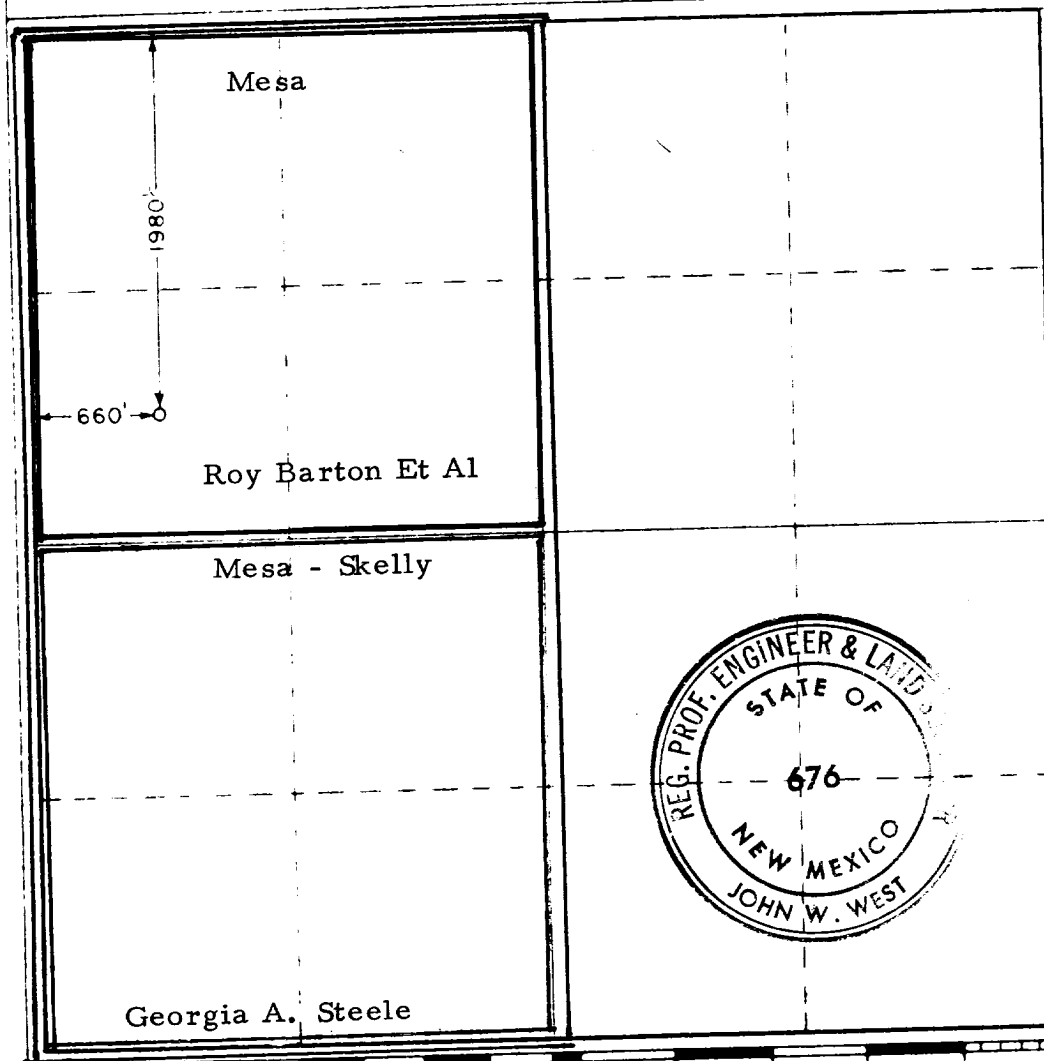
Operator MESA PETROLEUM COMPANY			Lease BARTON		Well No. 1
Unit Letter E	Section 18	Township 16 SOUTH	Range 36 EAST	County LEA	
Actual Footage Location of Well: 1980 feet from the NORTH line and 660 feet from the WEST line					
Ground Level Elev. 3952.1	Producing Formation Morrow		Pool Shoe Bar North		Dedicated Acreage: 320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 Communitization

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 Commission.



CERTIFICATION

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

Michael P. Houston

Name
Michael P. Houston
Position
Production Engineer
Employer
Mesa Petroleum Co.
Date
December 14, 1973

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
December 14, 1973
Registered Professional Engineer and/or Land Surveyor

John W. West
Certificate No. **676**

330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

11

11