

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

OIL CONSERVATION DIVISION

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

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

API NO. (assigned by OCD on New Wells)

31-131-21943

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

V-1621

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☒

RE-ENTER ☐

DEEPEN ☐

PLUG BACK ☐

b. Type of Well:

OIL
WELL ☒

GAS
WELL ☐

OTHER ☐

SINGLE
ZONE ☐

MULTIPLE
ZONE ☐

7. Lease Name or Unit

BIG DIVIDE

JUN 22 1989

2. Name of Operator

MERRION OIL & GAS CORPORATION

8. Well No.

1

3. Address of Operator

P. O. Box 840, Farmington, New Mexico 87499

9. Pool name or Wildcat

Thru Mesaverde Ex

4. Well Location

Unit Letter 2H : 1930' Feet From The North Line and 515' Feet From The FEL Line

Section 16 Township 19N Range 5W NMPM McKinley County

10. Proposed Depth

2195'

11. Formation

Mesaverde

12. Rotary or C.T.

rotary

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

6572 660+ GR

14. Kind & Status Plug. Bond

Nationwide plug bond

15. Drilling Contractor

16. Approx. Date Work will start

July, 1989

17. 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", J-55	24 lb/ft	100 ft.	80 sx (94.4 ft ³)	Class B 2% CaCl ₂
6-3/4"	4-1/2", J-55	10.5 lb/ft	2,195 ft.	350 sx (427 ft ³)	Class H 2% Gel

Propose to drill 12-1/4" surface hole to 100' KB. Will set approximately 100 ft. of 8-5/8", J-55, 24 lb/ft surface casing at 100 ft KB with 55 sx (65 cu.ft.) Class "B", 2% CaCl₂. Top of cement at the surface. Wait on cement 10 hrs. Nipple up BOP's. Pressure test casing to 600 psi for 30 mins. Drill 6-3/4" hole to total depth at 2,195 ft. Will run open hole logs. If well appears productive will set 4-1/2", J-55, 10.5 lb/ft production casing at total depth with 350 sx (427 cu.ft.) Class "H", 2% gel. Estimated top of cement at the surface. Will perforate and stimulate as necessary to test well.

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.

SIGNATURE Steven S. Dunn TITLE Operations Manager DATE 6/20/89

TYPE OR PRINT NAME Steven S. Dunn TELEPHONE NO. 505-327-9801

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT 3 DATE JUN 22 1989

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL EXPIRES 12-22-89
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED
WITHIN 10 DAYS.

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Revised 1-1-89

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P.O. Box 2088
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P.O. Drawer DD, Aramis, NM 88210

DISTRICT III
1000 Rio Arriba Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator MERRION OIL & GAS CORPORATION			Lease Big Divide		Well No. 1
Unit Lease H	Section 16	Township 19 N	Range 5 W	County McKinley	

Actual Footage Location of Well:

1930 feet from the North line and		515 feet from the East line	
Ground level Elev. 6572	Producing Formation Mesaverde	Pool Papers Wash Undesignated	Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

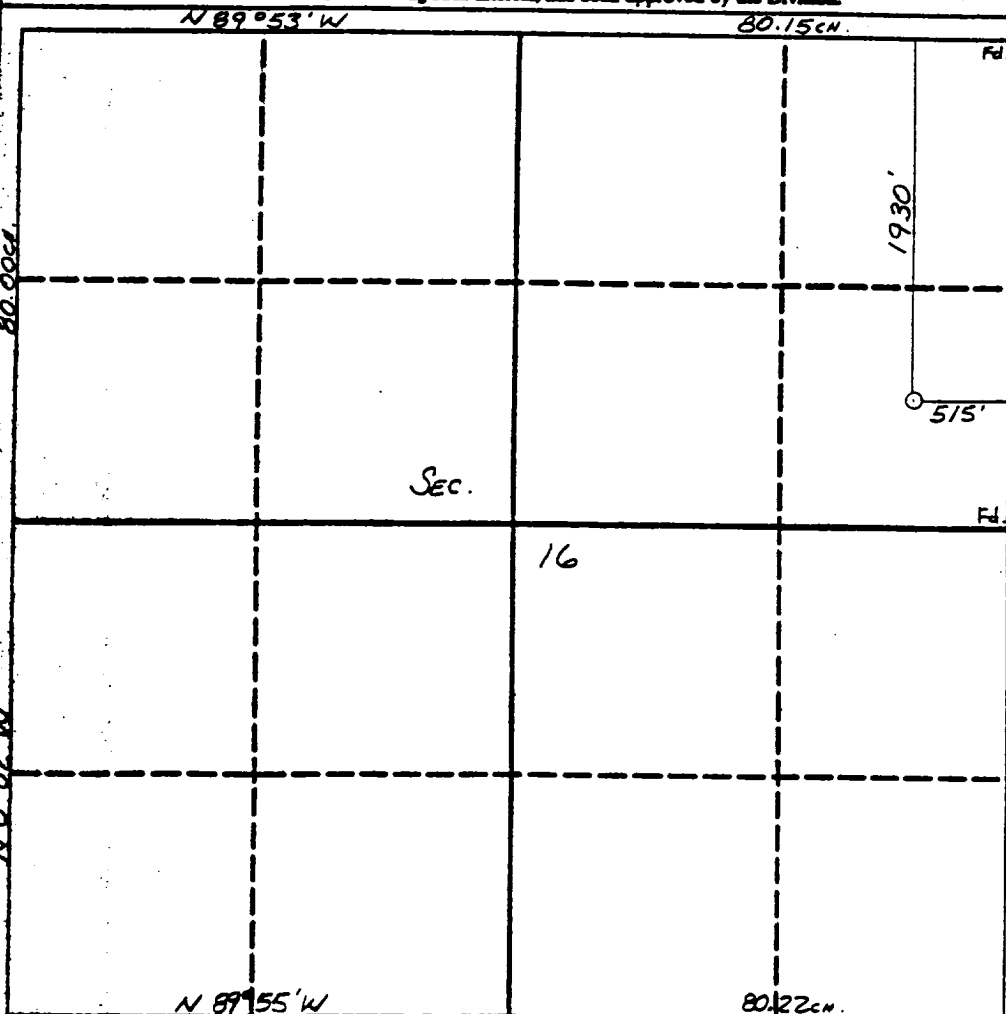
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interest 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 trust 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 interest, 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.

Signature

Printed Name

Position

Company

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 knowledge and belief.

5-30-89

Date Surveyed

William E. Myhrke II

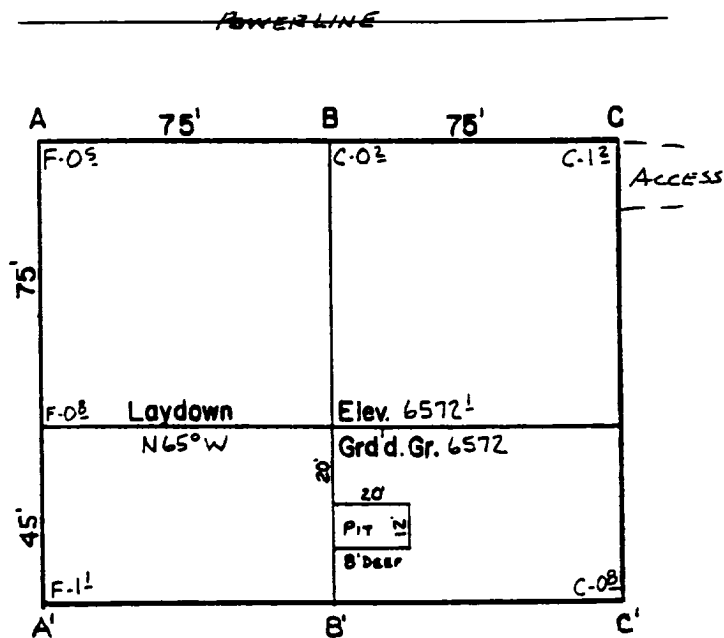
Signature & Seal of Professional Surveyor



Certification #8466

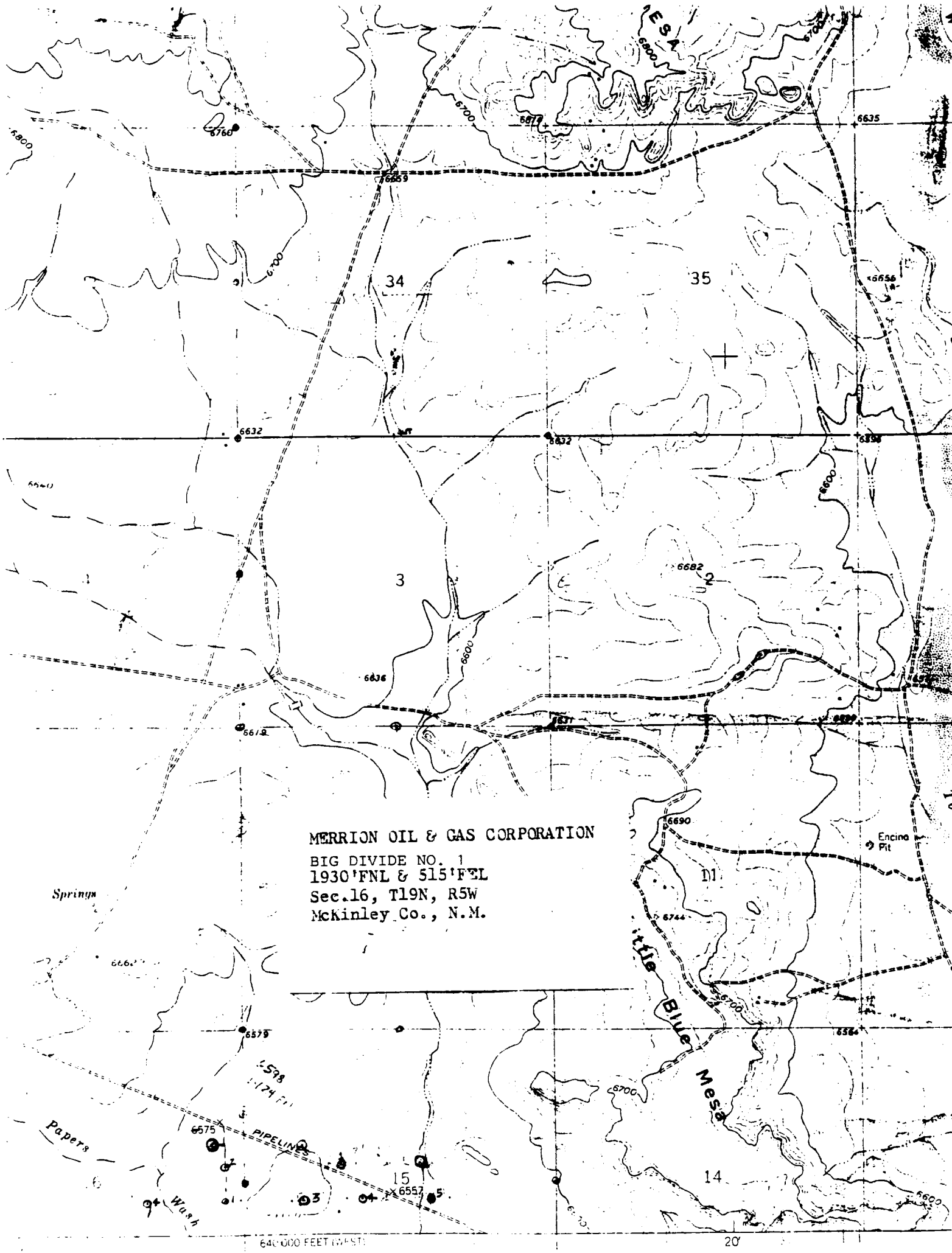
MERRION OIL & GAS CORPORATION

BIG DIVIDE NO. 1
1930' FNL & 515' FFL
Sec. 16, T19N, R5W
McKinley Co., N.M.



Scale : 1" = 50'

A-A'	Vert.: 1" = 30'	Horiz.: 1" = 100'	C/L
6580			
6570			
B-B'	Vert.: 1" = 30'	Horiz.: 1" = 100'	C/L
6580			
6570			
C-C'	Vert.: 1" = 30'	Horiz.: 1" = 100'	C/L
6580			
6570			



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