

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

30-045-23648

5. LEASE DESIGNATION AND SERIAL NO.

SF 078707

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Duke

9. WELL NO.

1-M

10. FIELD AND POOL, OR WILDCAT

Blanca Basin  
Mesaverde/Dakota11. SEC., T., E., M., OR BLK.  
AND SURVEY OR AREA

Sec 13, T31N, R13W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☒

2. NAME OF OPERATOR

Consolidated Oil &amp; Gas, Inc.

3. ADDRESS OF OPERATOR

1860 Lincoln Street, Suite 1300, Denver, Colorado 80295

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

AT SURFACE

1640' FSL and 790' FEL

At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

2.3 miles E of La Plata P. O., New Mexico

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any)

790'

16. NO. OF ACRES IN LEASE

320

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION\*

TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

1600'

19. PROPOSED DEPTH

6900'

20. ROTARY OR CABLE TOOLS

Rotary

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

5810' GR

22. APPROX. DATE WORK WILL START\*

August 1, 1979

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24.0#	250'	200 sx
7-7/8"	5-1/2"	15.5#	6800'	500 sx

1. Drill 12-1/4" hole to  $\pm$  250'. Run 8-5/8" casing. Circulate cement to surface.
2. WOC 12 hours.
3. Install BOP's. Pressure test surface casing and blowout preventers to 1000 psig.
4. Drill 7-7/8" hole to approximately 6800' with fresh water gel mud. Log. Run 5-1/2" casing and cement same with approximately 500 sx. WOC 12 hours.
5. Selectively perforate and stimulate the Mesaverde and Dakota formations and dually complete as required by the appropriate rules and regulations.

The E/2 of Section 13 is dedicated to this well and the acreage is committed to a gas sales contract.

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE Sr. Production Engineer

DATE

June 27, 1979

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

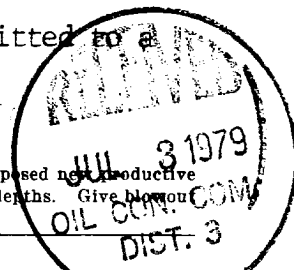
TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

ch Frank

n mrc



NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-10  
Supersedes C-12P  
Effective 1-1-77

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

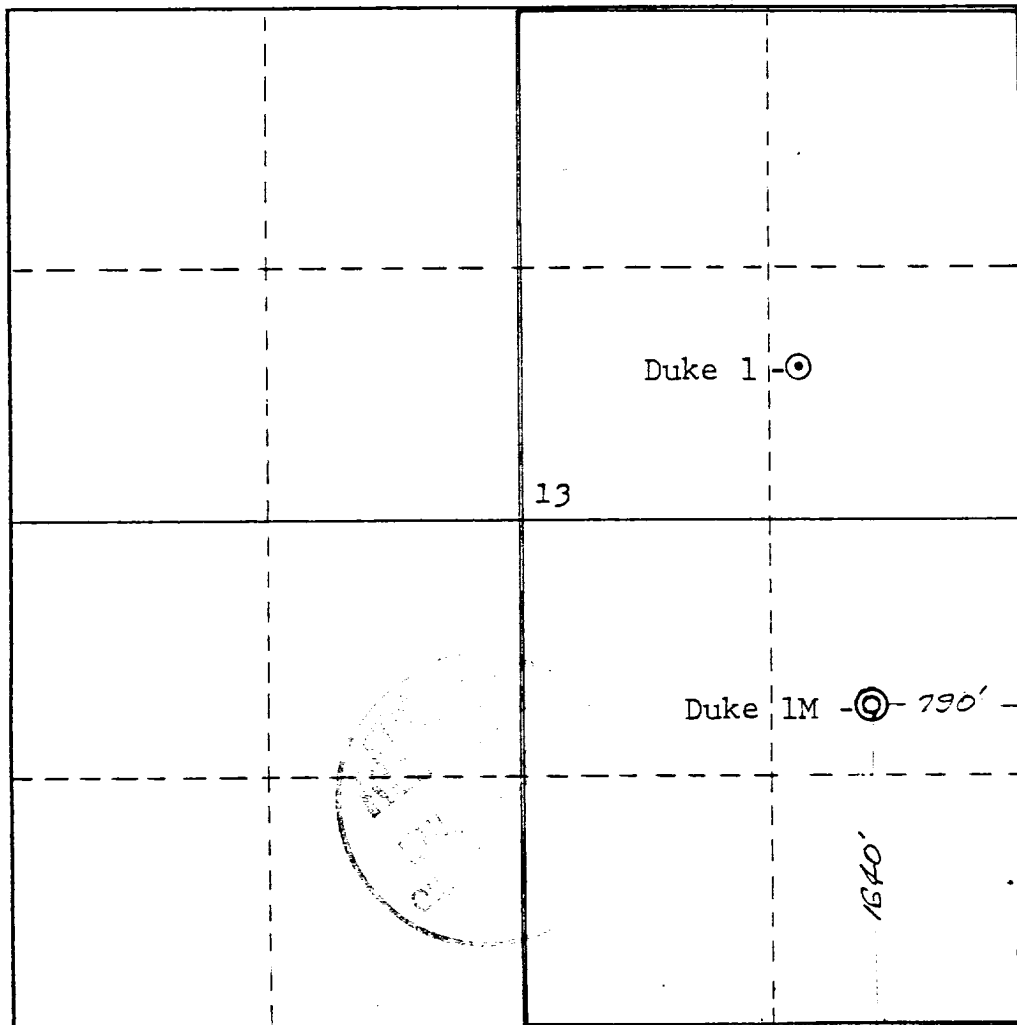
Operator <b>CONSOLIDATED OIL AND GAS, INC.</b>		Lease <b>DUKE</b>		Well No. <b>1M</b>
Unit Letter <b>I</b>	Section <b>13</b>	Township <b>31 NORTH</b>	Range <b>13 WEST</b>	County <b>SAN JUAN</b>
Actual Footage Location of Well:				
<b>1640</b> feet from the <b>SOUTH</b> line and		<b>790</b> feet from the <b>EAST</b> line		
Ground Level Elev. <b>5810</b>	Producing Formation <b>Mesaverde</b>	Pool <b>Blanco Mesaverde</b>	Dedicated Acreage: <b>320</b> 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 \_\_\_\_\_

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.

*C.M. Parham*

Name **C.M. Parham**

Position

**Senior Production Engr.**

Company

**Consolidated Oil & Gas, Inc.**

Date

**6-26-79**

I hereby certify that the well location shown on this plat was plotted from field notes, 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.

**JAMES P. LEESE**

Date Surveyed

**20 January 1979**

Registered Professional Engineer  
and/or Land Surveyor

*James P. Lease*

**James P. Lease**

Certificate No.

**1463**

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-16-  
Supersedes C-12P  
Effective 1-1-61

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

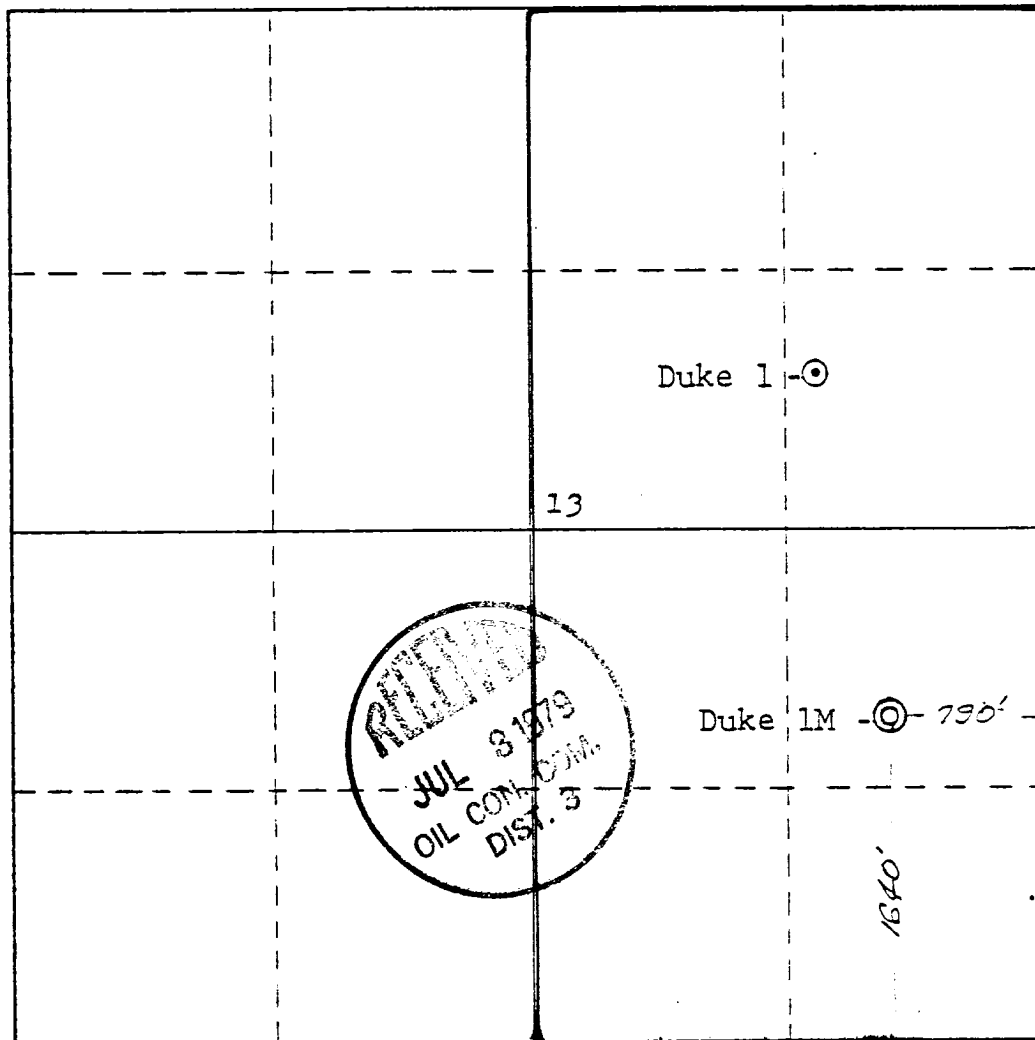
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Ground Level Elev. <b>5810</b>	Producing Formation <b>Dakota</b>	Pool <b>Basin Dakota</b>	Dedicated Acreage: <b>320</b> Acres	

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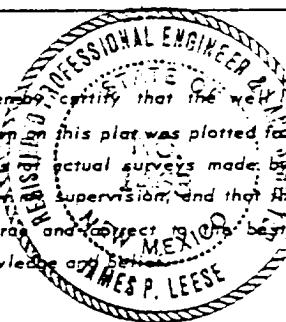
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Date

6-26-79

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Date Surveyed

20 January 1979

Registered Professional Engineer  
and/or Land Surveyor

*James P. Leese*  
James P. Leese

Certificate No.

1482