

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-25362

5. LEASE DESIGNATION AND SERIAL NO.

NM - 17095

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Government "D"

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Fenton - Delaware, Northwest
11. SEC. T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 12, T-21-S, R-27-E

12. COUNTY OR PARISH 13. STATE

Eddy

NM

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

Superior Oil Company, The

3. ADDRESS OF OPERATOR

P. O. Box 633, Midland, Texas 79702

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

At surface

660' FNL, 630' FWL of Section 12 O.C.D.

At proposed prod. zone

Same

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

8.5 miles NW from Carlsbad, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

660'

16. NO. OF ACRES IN LEASE

776.2

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

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

1st well in zone

19. PROPOSED DEPTH

3150

20. ROTARY OR CABLE TOOLS

Rotary

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

3219 GR

22. APPROX. DATE WORK WILL START*

7/15/85

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13-3/8"	48#	650'	675 sx
11 1/2 1/4"	8-5/8"	24#	2200' - 2400'	720 sx
7-7/8"	5 1/2"	15.5#	3150'	300 sx

CEMENTING PROGRAM:

13-3/8" csg to be cmtd to surface w/675 sx Class C, 2% CaCl₂, 1/4#sx flocele.8-5/8" csg to be cmtd to surface w/720 sx HOWCO Lite w/1/4#sx flocele and Class C.
w/2% CaCl₂.

5 1/2" liner to be cmtd w/300 sx Class C Neat.

BOP :

See Attachments

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 G. E. Tate as Agent for Superior Oil Company, The TITLE Env. & Reg. ManagerDATE July 15, 1985

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE NEW MEXICO 87501

Form C-102
Revised 10-1-79

All distances must be from the outer boundaries of the Section

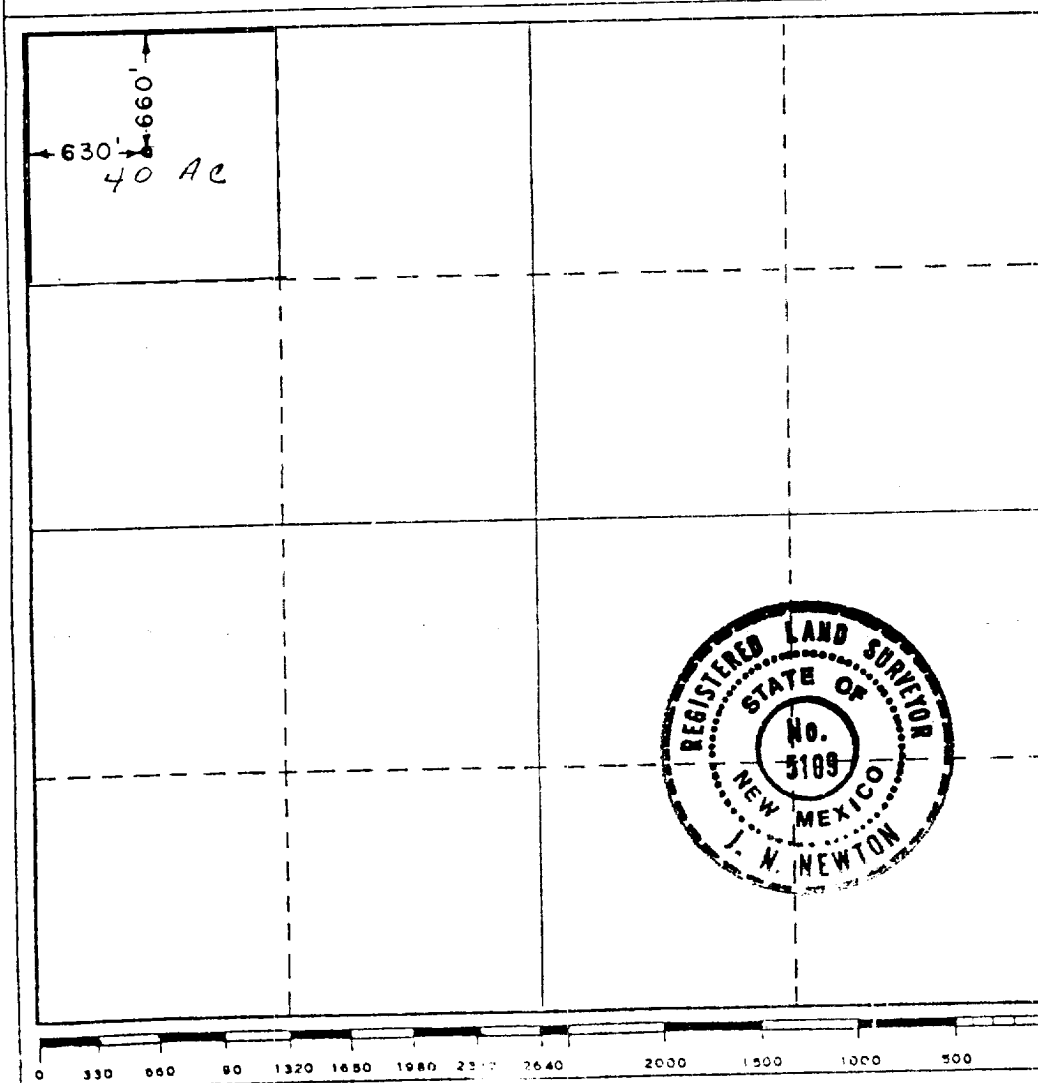
Operator Superior Oil Company, The			Lease Government "D"		Well No. 3
Unit Letter D	Section 12	Township 21 South	Range 27 East	County Eddy	
Actual Footage Location of Well:					
660'		feet from the north line and		630' feet from the west line	
Ground Level Elev. 3219'	Producing Formation Delaware, Northwest		Pool Fenton	Dedicated Acreage: 40 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 Division.



CERTIFICATION

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

G. E. Tate G. E. Tate
Name as Agent for the

Superior Oil Company

Position

Env. & Regulatory Mgr.

Company

Mobil Producing TX. & N.M.

Date

7-15-85

Inc

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

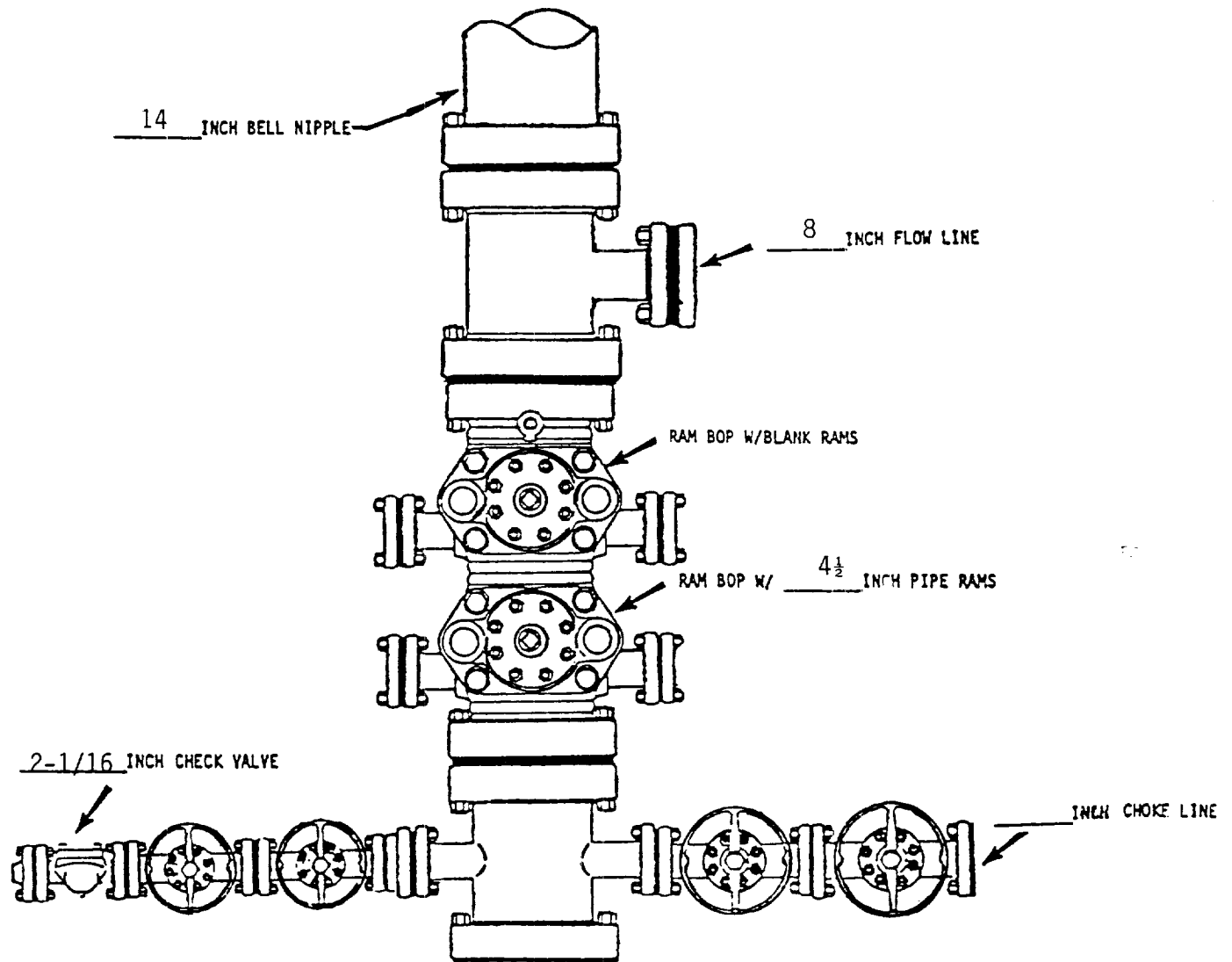
July 9, 1985

Registered Professional Engineer
and/or Land Surveyor

J. N. Newton

Certificate No.

5109



*NOTE: ALL VALVES ARE METAL-TO-METAL SEAL AND FLANGED. ALL COMPONENTS MUST MEET ABOVE MINIMUM PRESSURE RATINGS. ALL COMPONENTS TO BE TESTED TO RATED PRESSURE AFTER ASSEMBLY AND BEFORE FURTHER DOWNHOLE OPERATIONS MAY BE CONDUCTED.

Mobil Producing Texas & New Mexico Inc. Houston, Texas		Scale Date Drawn Checked Approved Revised
Well # <u>3</u> Government "D" (Lease)		
Eddy County, NM State		
Blowout Preventer Assembly 11"-13-5/8 IN. 3000 PSI WP*)		

MOBIL PRODUCING TX. & N.M. INC.

LEASE: Government "D"

WELL: 3

FIELD: Fenton - Delaware, Northwest

COUNTY: Eddy

STATE: NM

TEN POINT WELL CONTROL & RESOURCE PROTECTION DATA

1. The geologic name of the surface formation Quaternary.
2. The estimated tops of important geologic markers.

<u>Formation Name</u>	<u>Depth (Top)</u>
<u>Delaware</u>	<u>2900</u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>

3. The estimated depth at which anticipated water, oil, gas or other mineral-bearing formations are expected to be encountered.

<u>Formation Name</u>	<u>Depth (Top)</u>	<u>Type of Mineral</u>
<u>Delaware</u>	<u>2900</u>	<u>Oil/Gas</u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
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4. The proposed casing program, including the size, grade, and weight-per-foot of each string and whether new or used. (Shown on Form 9-331C)
5. The lessee's or operator's minimum specifications for pressure control equipment which is to be used, a schematic diagram thereof showing sizes, pressure ratings (or API series), and the testing procedures and testing frequency. (See attachment)
6. The type and characteristics of the proposed circulating medium or mediums to be employed for rotary drilling and the quantities and types of mud and weighting material to be maintained.

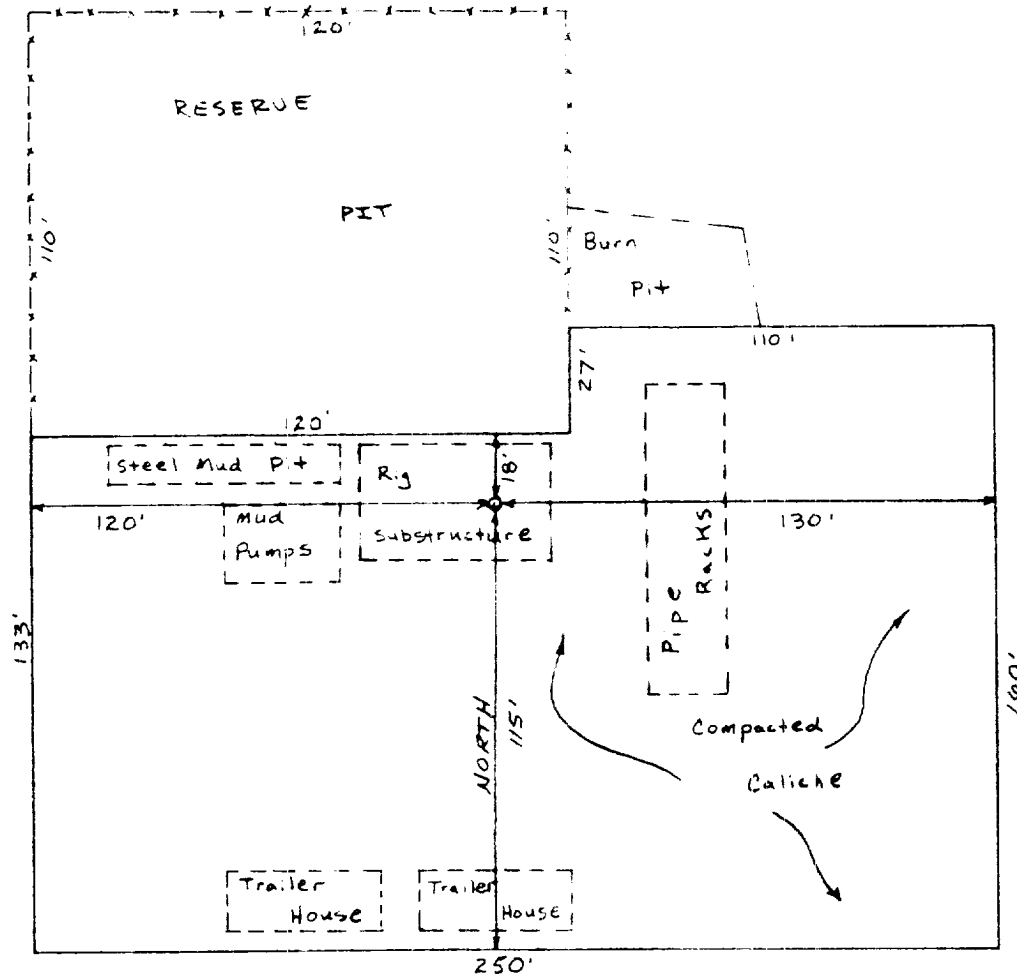
<u>Depth(ft.)</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Water Loss</u>
<u>0 - 650'</u>	<u>Spud</u>	<u>8.5 - 8.8</u>	<u>34 - 40</u>	<u>NC</u>
<u>650 - 3150'</u>	<u>FW</u>	<u>8.4 - 8.6</u>	<u>28 - 30</u>	<u>NC</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
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-
- 0 1 2 3
- Scale in miles

Vicinity Map of Government
"D" Location # 3 Section 12
T-21-S R-27-E Eddy Co. N.M.

DRAWN G E W	SCALE 1" = 1 mile
CHECKED	DATE 5-12-89
APPROVED	REVISED



Mobil Producing Texas & New Mexico Inc.

Government "D" Location Pad
Layout Map Eddy County
New Mexico.

DRAWN GEW	SCALE 1"=50'
CHECKED	DATE 5-14-85
APPROVED	REVISED