

Release May 15, 1985

By DEC

When receive
additional info.

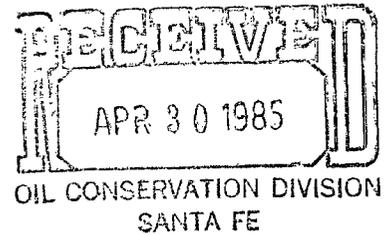
J. McSHANE, INC.
MANAGEMENT - OPERATIONS
OIL • GAS • WATER

NSC - 2048
RULE-104(AE)

April 25, 1985

New Mexico Oil Conservation Commission
P. O. Box 2088
State Land Office Bldg.
Sante Fe, New Mexico 87501

Attn: R. L. Stamets, Director



South Leonard Queen Pool
40 acre deduction

Re: Wood, McShane & Thams SW 1/4 NW 1/4
South Leonard Queen Unit Sect 24, T-26S,
Well #18 R-37E
Lea County, NM.

Gentlemen:

We are sending you copies of the Form C-101 and its attach-
ments for the above mentioned well as this will be an unorthodox
location. The Form C-101 and its attachments have been sent to
the district office in Hobbs as well. Please let us know if this
will suffice in getting the location approved.

Sincerely,

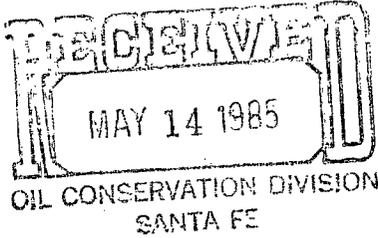
J. McSHANE, INC. For:

Wood, McShane & Thams

Earl H. Michie

EHM/rt

Attachments



J. McSHANE, INC.
MANAGEMENT - OPERATIONS
OIL • GAS • WATER

May 10, 1985

State of New Mexico
Oil Conservation Division
Energy & Minerals Dept.
P. O. Box 2088
Santa Fe, New Mexico-87501

Attn.: David Catanach

RE: Wood, McShane & Thams
South Leonard Queen Unit
Well #13

Gentlemen:

Please find enclosed a plat identifying the boundaries of the South Leonard Queen Unit and indicating the locations of producing and injection wells within the unit.

Wood, McShane & Thams purchased the unit from Sun Oil Company and assumed operations in September, 1984. Well #17 was drilled and completed in December, 1984, with excellent results. Therefore, we feel that a 20-acre well density pattern, as opposed to a 40-acre pattern, will allow a more efficient drainage of the acreage within the unit. It is our intention to develop the unit on a 20-acre well density pattern to provide for a more prolific waterflood.

The well in question, well #18, is well within the boundaries of the unit and therefore, we are the offset operators of the acreage immediately surrounding the well. I hope this information will suffice in order to have this unorthodox location approved.

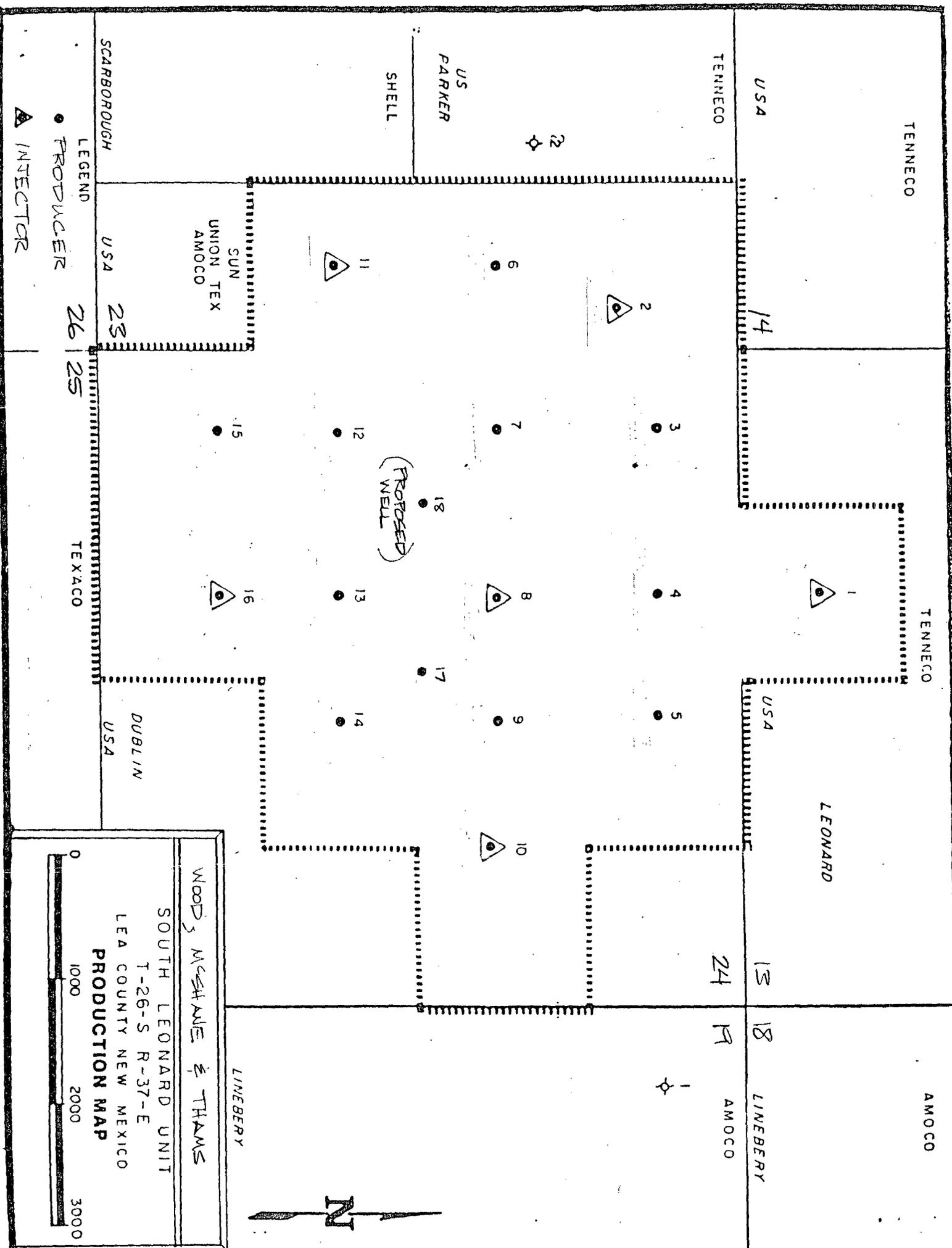
Sincerely,

J. MCSHANE, INC., FOR
WOOD, MCSHANE & THAMS

A handwritten signature in cursive script, appearing to read "Earl H. Michie".

Earl H. Michie

Enclosure



TENNECO

USA

TENNECO

US
PARKER

SHELL

SUN
UNION TEX
AMOCO

SCARBOROUGH

LEGEND

● PRODUCER

▲ INJECTOR

USA

23

26

25

TEXACO

DUBLIN
USA

LINEBERRY

TENNECO

1

USA

LEONARD

13

18

LINEBERRY

AMOCO

24

19

AMOCO

2

6

7

(PROPOSED
WELL)

18

8

9

10

11

12

13

14

15

16

WOOD, McSHANE & THAMS
SOUTH LEONARD UNIT
T-26-S R-37-E
LEA COUNTY NEW MEXICO
PRODUCTION MAP



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 <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.
NMJ - 538

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	N.A.
b. Type of Well	OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	8. Farm or Lease Name	South Leonard Unit
2. Name of Operator	Wood, McShane & Thams	9. Well No.	18
3. Address of Operator	P. O. Box 968, Monahans, Texas 79756	10. Field and Pool, or Wildcat	Leonard Qn. South
4. Location of Well	UNIT LETTER <u>E</u> LOCATED <u>2580</u> FEET FROM THE <u>North</u> LINE AND <u>1214</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>24</u> TWP. <u>26-S</u> RGE. <u>37-E</u> NMPM	12. County	Lea
19. Proposed Depth	3500'	19A. Formation	Queen Sand
20. Rotary or C.T.			Rotary
21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	21B. Drilling Contractor	22. Approx. Date Work will start
2984.3 (GL)	Current	N.A.	July 1, 1985

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#	1230'	700	Surface
7 7/8"	5 1/2"	15 1/2#	3500'	600	Surface

Pay zone will be selectively perforated and stimulated as needed for optimum production.

Attached are: 1. Well location & acreage dedication plat
2. Blowout preventer sketch

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 Earl A. Adine Title Petroleum Engineer Date 4-24-85

(This space for State Use)

APPROVED BY _____ 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.

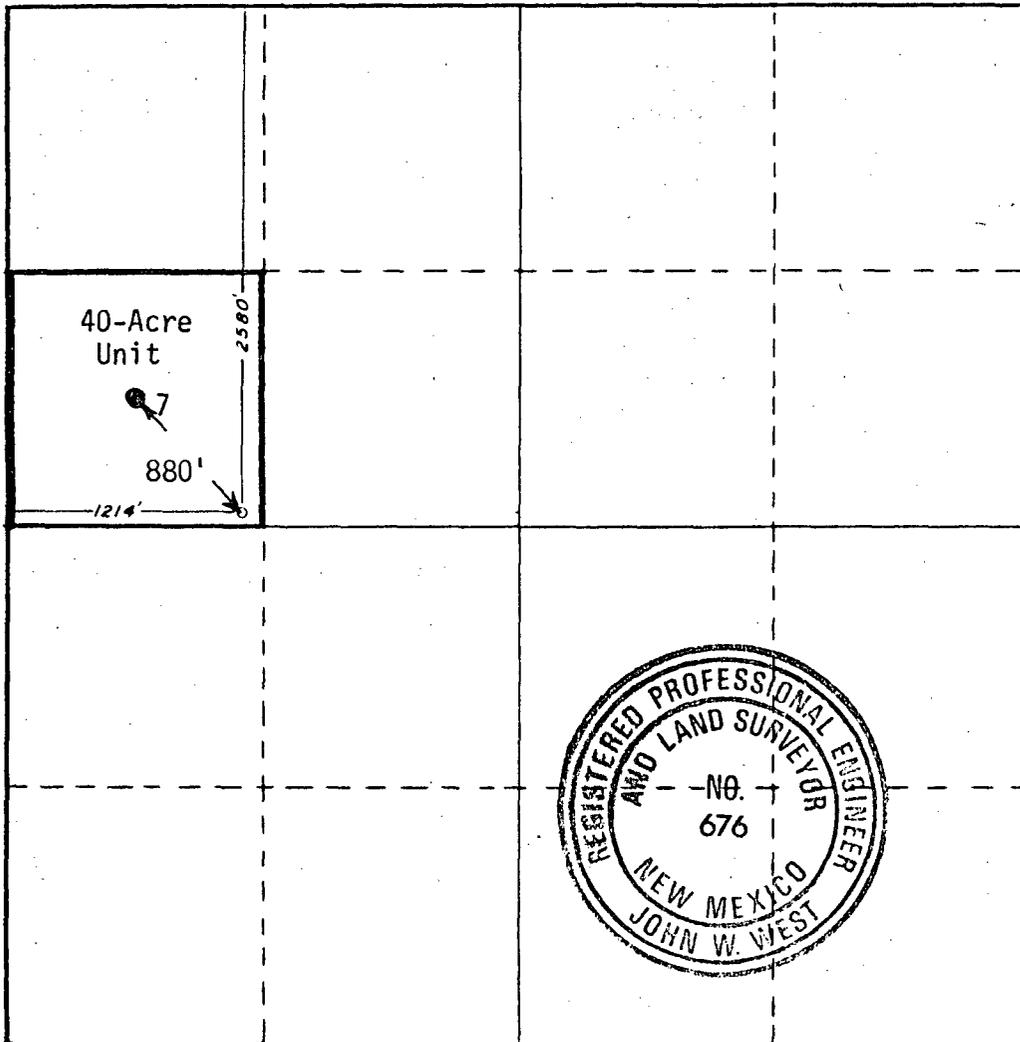
Operator WOOD, MC SHANE & THAMS		Lease SOUTH LEONARD UNIT			Well No. 18
Unit Letter E	Section 24	Township 26S	Range 37E	County LEA	
Actual Footage Location of Well: 2580 feet from the NORTH line and 1214 feet from the WEST line					
Ground Level Elev. 2984.3	Producing Formation Queen Sand		Pool Leonard Queen, South		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 Commission.



CERTIFICATION

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

Earl H. Michie

Name
Earl H. Michie

Position
Petroleum Engineer

Company
Wood, McShane & Thams

Date
4-24-85

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
10/20/84

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No. **JOHN W. WEST, 676**

RONALD J. EIDSON, 3239



BLOWOUT PREVENTER SKETCH
Wood, McShane & Thams

S. Leonard Queen Well #18
2580' FNL & 1214' FWL
Sec. 24-26S-37E

