

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.
NM-086
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Government "E"
9. WELL NO.
4
10. FIELD AND POOL, OR WILDCAT
UNDESIGNATED
Lea (San Andres)
11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA
Sec. 25, T-19-S, R-34-E
12. COUNTY OR PARISH
Lea
13. STATE
New Mexico

1a. TYPE OF WORK
DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>
b. TYPE OF WELL
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>
2. NAME OF OPERATOR
The Superior Oil Company
3. ADDRESS OF OPERATOR
P. O. Box 1900, Midland, Texas 79701
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface
330' FNL & 1650' FWL Section 25, T-19-S, R-34-E
At proposed prod. zone
Same as above
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
8 miles southwest of Arkansas Junction
15. DISTANCE FROM PROPOSED LOCATION* TO NEAREST PROPERTY OR LEASE LINE, FT. and drlg unit (Also to nearest drlg. unit line, if any)
330' from property
16. NO. OF ACRES IN LEASE
640
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.
Approximately 1,000'
19. PROPOSED DEPTH
6,000
20. ROTARY OR CABLE TOOLS
Rotary from surface to 6000'
21. ELEVATIONS (Show whether DF, RT, GR, etc.)
GR: 3782
22. APPROX. DATE WORK WILL START*
October 30, 1974

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8-5/8"	24#	400	300 sx BIRCULATE
7-7/8"	5-1/2"	15.5#	6,000	700 sx

The above well will be drilled in accordance with safe practices known to industry using blowout preventers for proper well control. The above casing program will be used except that 5-1/2" casing will be run only if zones are determined to be commercial.

Blowout preventers will be used after setting 8-5/8" surface casing and until total depth is reached. The preventer equipment will be pneumatic controlled and contain hand wheels for manual operation. The preventer equipment will be tested at regular intervals during drilling operations to insure proper working conditions.

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 <u>T. D. Clay</u> TITLE <u>Petroleum Engineer</u> DATE <u>9-6-74</u>
(This space for Federal or State office use)
PERMIT NO. _____
APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY: _____

APPROVED
SEP 20 1974
ARTHUR R. BROWN
DISTRICT ENGINEER

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DECLARATION PLAN

Page 1 of 1
Date: 9-9-74

All distances must be from the outer boundaries of the Section

THE SUPERIOR OIL COMPANY		GOVERNMENT "E"		4
C	25	19 SOUTH	34 EAST	LEA
330	NORTH	1650	WEST	
3782.4'	San Andres	Lea	UNDESIGNATED	40

- Outline the acreage dedicated to the subject well by colored pen or ink. Use marks on the plan below.
- If more than one lease is dedicated to the well, outline each and identify the ownership, the contribution, working interest and royalty.
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners properly identified by communitization, unitization, force pooling, etc?

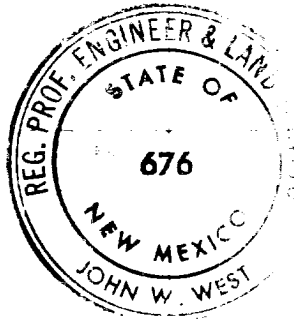
Government Lease NM-086

X Yes No If answer is "yes" type of consolidation: Includes 640 acres and no communitization required.

If answer is "no", list the owners and tract descriptions which have actually been consolidated. If so, reverse side of this form if necessary.

No acreage will be assigned to the well until all interests have been consolidated by communitization, unitization, force pooling, or otherwise or until a non-standard unit eliminating such interests, has been approved by the Commission.

The Superior Oil Company (Lessee)
U. S. Government NM-086 (lessor)
640 Acres in Section 25, T-19-S,
R-34-E that is HBP.



CERTIFICATION

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

T. D. Clay
T. D. Clay

Petroleum Engineer

The Superior Oil Company

9-9-74

I hereby certify that the work shown on this plan was performed in accordance with the rules and regulations of the State of New Mexico, under my supervision and that the same is true and correct to the best of my knowledge and belief.

AUGUST 31, 1974

John W. West
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