

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM-12412

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Sloan Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

East Lusk - Wolfcamp

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 22, T-19-S, R-32-E

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

14. PERMIT NO.

Approved 9-25-75

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

GR 3612

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

11-5-75 Reached TD of 10,915. MIRU DA&S compl. rig 11-11-75.

11-12/11-14-75 Drld. cmt w/6" bit from 3787 to 3914' & tstd. csg. to 1000 psi. OK

11-18-75 Perf 14 holes w/4" Super Dyna Jet Zero Phase 0.40 hole 15 gm. chg. @ 10,678, 80 83, 86, 10729, 31, 41, 57, 59, 81, 83, 10,806, 08, 15. Acdz. w/8000 gals 15% NEHCL & RCN ball sealers. BDP 4200, MP 6300. Min. 4200, ISD 5100, Swabbing.

11-21-75 Set Baker CIBP @ 10610' w/6 sx. cmt. on top. Cmt @ 10,575. Perfs 10678-10815 isolated.

11-22-75 Perf 9 holes w/2" SF side winder zero phase decen. 5.5 gm chg 0.33 hole @ 10262, 264, 266, 296, 298, 300, 302, 304, 306 & acdz. w/1600 gals 15% NEHCL w/BS & 400 SCF N<sub>2</sub> swabbing.

11-26-75 Set RBP @ 10190 & RDG pkr @ 9956. Perf w/1-9/16" SW zero phase decen. 0.25 hole @ 10065, 67, 69, 71 & 73. Acdz w/500 gals 15% NEHCL & RCN BS w/1000 SCF N<sub>2</sub>. 12-1. Frac perfs 10065-73 w/1000 gals 15% F-75 acid & 15000 gals KIX pad w/9800# 100 me & 7000# 20-40 sd. Swabbing.

12-4-75 Rel. pkr & POH. POH w/RBP. Ran 273 jts. 2-7/8" tbg. TS 8648'.

12-8-75 Well pumping w/2-1/2 x 1-1/2 x 72 RBH pmp. On 2-1-76, well tested in 24 hrs., 10 f & 22 BW. Gas is TSTM. Request approval to set CIBP over Wolfcamp & plugback & per Bone Springs interval.

18. I hereby certify that the foregoing is true and correct

SIGNED

*Charles Ray*

TITLE

Proration Analyst

DATE

2-10-76

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

FEB 13 1976

U. S. GEOLOGICAL SURVEY  
HOBBS, NEW MEXICO

\*See Instructions on Reverse Side

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New Mexico

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)1. OIL WELL ☒ GAS WELL ☐ OTHER ☐2. NAME OF OPERATOR  
Sun Oil Company3. ADDRESS OF OPERATOR  
P. O. Box 1861, Midland, Texas 797014. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

660' FNL &amp; FWL of Sec. 22, Unit Letter -D-

14. PERMIT NO.  
Approved 9-25-7515. ELEVATIONS (Show whether DF, RT, GR, etc.)  
GR 3612

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) Drlg. Operations - Csg. ☒REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT\* ☐(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any  
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-  
nent to this work.)\*

9-26-75 Spud 2:00 P.M.

9-27-75 Ran &amp; cmtd. 13 jts. 13-3/8" in 17-1/2" hole w/48# &amp; 68# H&amp;K 8R Butt. csg, CS 375', FC 352. Cmtd w/400 sx. Cl. "C" w/2% CaCl 1/4# Flocele/sx Circ. 150 sx. cmt.

10-9-75 Ran &amp; cmtd. 125 jts. 9-5/8" in 12-1/4" hole w/36# K-55 LTC &amp; STC csg. CS 4100' FC 4068, DV tool 2794', cmtd. thru shoe w/400 sx. Howco lite, 15# salt, 1/4# Flocele followed by 300 sx. Cl. "C" w/2% CaCl. Tstd. csg 1000 psi 30 min OK Cmtd. thru DV tool w/2000 sx Howco Lite, 15# salt, 1/4# Flocele. TOC by Temp. survey @ 70'.

11-6-75 Ran in 8-3/4" hole w/188 jts. 7" 23, 26, &amp; 29# K-55 &amp; N-80 liner. Liner seat @ 10,915', FC @ 10,879, TIW hngr. @ 3794, Tie back @ 3790. (Top of Liner 3789.66) cmtd. w/1800 sx. Cl. "H" Poz A 50/50 w/2% gel &amp; 8.6# salt/sx. &amp; 0.8% Halad 22 w/1/4# Flocele/sk. TOC @ 3732'. Drld. 58' cmt to liner top. Sqzd liner top @ 3790 w/200 sx. Cl. "C". TOC @ 3628. Drld cmt to liner top &amp; tstd. to 1500 psi OK.

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

Proration Analyst

DATE

2-10-76

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD  
FEB 13 1976U. S. GEOLOGICAL SURVEY  
HOBBS, NEW MEXICO

\*See Instructions on Reverse Side

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-120  
Effective 1-1-65

All distances must be from the outer boundaries of the Section

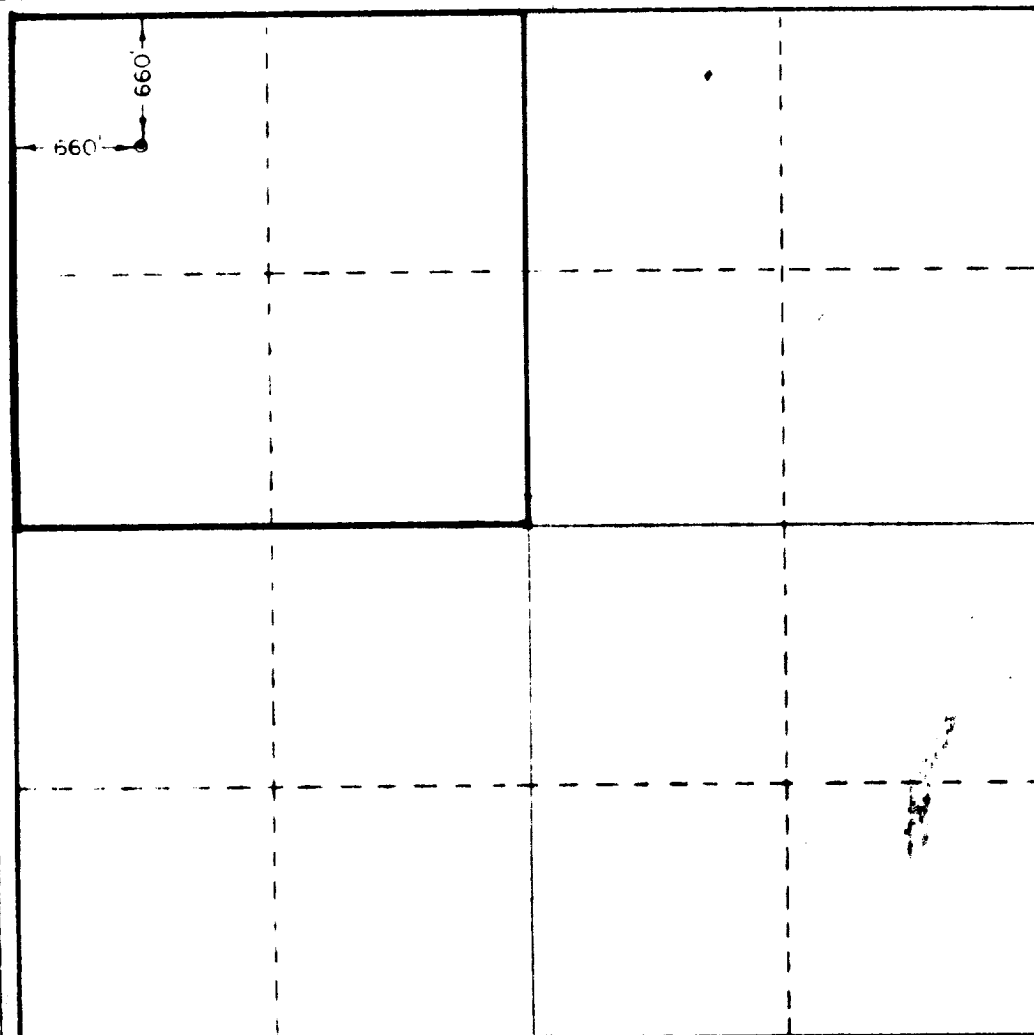
Operator <b>Sun Oil Company</b>		Lease <b>Sloan Federal</b>		Well No. <b>1</b>
Section <b>D</b>	Section <b>22</b>	Township <b>19 South</b>	Range <b>32 East</b>	County <b>Lea</b>
Location of Well: <b>660</b> feet from the <b>North</b> line and <b>660</b> feet from the <b>West</b> line				
Ground Level Elev. <b>3612</b>	Producing Formation <b>Wolfcamp</b>	Pool <b>Lusk Wolfcamp, East</b>	Dedicated Acreage <b>160</b>	

- 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 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.

*Charles Gray*

Name

**Charles Gray**

Position

**Proration Analyst**

Company

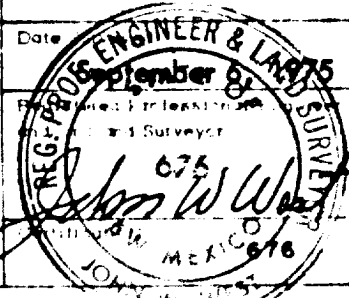
**Sun Oil Company**

Date

**9-12-75**

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



Printed Name of Surveyor  
**John W. West**

Professional No.  
**675**

City and State  
**Albuquerque, N.M.**

Signature  
*John W. West*

Professional No.  
**675**

130 660 80 1320 1680 1880 2310 2640 2000 1800 1000 800 0

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## 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		
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. FARM OR LEASE NAME Sloan Federal		
2. NAME OF OPERATOR Sun Oil Company		9. WELL NO. 1		
3. ADDRESS OF OPERATOR P. O. Box 1861, Midland, Texas 79701		10. FIELD AND POOL, OR WILDCAT East Lusk-Wolfcamp		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 660' FNL & FWL of Sec. 22, T19S, R32E -Ut. Letter D- At proposed prod. zone		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 22, T19S, R32E		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 1 1/2 miles south from Maljamar, New Mexico.		12. COUNTY OR PARISH Lea		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 660' FNL		13. STATE New Mex.		
16. NO. OF ACRES IN LEASE 2320		17. NO. OF ACRES ASSIGNED TO THIS WELL 160		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1st Well 10,900'		20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) Gr. 3612'		22. APPROX. DATE WORK WILL START* Pend. Permit Approval		
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#	350'	400 CIRCULATE
12-1/4"	9-5/8"	36#	4400'	2700
8-3/4"	7"(Liner)	23, 26, & 29#	Top-4100' Bot-10,900'	1825

Cement behind 9 3/8" casing  
must fill to BASE OF SALTBOP PROGRAM: API Series 1500 Hydrill  
API Series 1500 Double GateUnless Drilling Operations have  
Commenced, this drilling approval  
Expires DEC 3, 1973

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>Charles Gray</u> TITLE <u>Proration Analyst</u> DATE <u>9-19-75</u>	
(This space for Federal or State office use)	
PERMIT NO. _____	APPROVAL DATE <u>APPROVED</u>
APPROVED BY _____	TITLE _____
CONDITIONS OF APPROVAL, IF ANY:	