

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL ☒	GAS WELL ☐	DRY ☐	Other ☐										
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other ☐								
2. NAME OF OPERATOR SUN OIL COMPANY															
3. ADDRESS OF OPERATOR P. O. Box 1861, Midland, Texas 79701															
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.-D- At top prod. interval reported below - At total depth -															
14. PERMIT NO. -				DATE ISSUED 9-25-75											
15. DATE SPUDDED 9-26-75		16. DATE T.D. REACHED 11-2-75		17. DATE COMPL. (Ready to prod.) TA		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* GR 3612 RKB 3633		19. ELEV. CASINGHEAD 3612							
20. TOTAL DEPTH, MD & TVD 10,915		21. PLUG BACK T.D., MD & TVD 10,879		22. IF MULTIPLE COMPL., HOW MANY* Single		23. INTERVALS DRILLED BY →		ROTARY TOOLS 0-10,915		CABLE TOOLS					
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Wolfcamp Formation - Top @ 10,512 to TD @ 10,915. Zone is not economically productive & is isolated behind CIBP.										25. WAS DIRECTIONAL SURVEY MADE No					
26. TYPE ELECTRIC AND OTHER LOGS RUN CNFD, BHC-Sonic, DLL, DILL										27. WAS WELL CORED No					
28. CASING RECORD (Report all strings set in well)															
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED					
13-3/8"		48 & 68#		375		17-1/2"		400 sx - Cmt circ.		None					
9-5/8"		36#		4100		12-1/4"		DV Tool @ 2794, 2400 sx		None					
								Howco lite & 300 sx.							
								Class "C", TOC @ 70'							
29. LINER RECORD															
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)							
7"		3789.66		10,915.00		2000 sx.		-							
30. TUBING RECORD															
SIZE		DEPTH SET (MD)		PACKER SET (MD)											
2-7/8"		10,595		-											
31. PERFORATION RECORD (Interval, size and number) 10,678, 80, 83, 86, 10,729, 31, 41, 57, 59, 81, 83, 10,806, 08 & 15 - Perf w/4" Sup. Dyna Jet 0.40 hole.															
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.															
DEPTH INTERVAL (MD)						AMOUNT AND KIND OF MATERIAL USED									
10,678 - 10,815						Acidz w/8000 gals. 15% NEHCL & BS. Interval presently isolated behind CIBP set @ 10,610'.									
33.* PRODUCTION															
DATE FIRST PRODUCTION 11-19-75		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Wolfcamp is non-productive						WELL STATUS (Producing or shut-in) TA & Shut-in							
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.		WATER—BBL.		GAS-OIL RATIO.	
						→									
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.		WATER—BBL.		OIL GRAVITY-API (CORR.)			
				→											
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)												TEST WITNESSED BY			
35. LIST OF ATTACHMENTS															
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records															
SIGNED Charles Gray		TITLE Proration Analyst		DATE 6-9-76											

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
BONE SPRINGS	7,315	10,512	D. Dol. & Sd. Light gas show @ 10,270 Sh. & Lm.	Salado	953	
WOLFCAMP	10,512	10,915		Tansil Yates Seven Rivers Queen Grayburg-SA Bone Springs Wolfcamp	2,557 2,900 3,988 4,675 5,200 7,315 10,512	

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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

SUN OIL COMPANY

3. ADDRESS OF OPERATOR

P. O. Box 1861, Midland, Texas 79701

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

At surface

660' FNL & FWL of Sec. 22 - UT. - D

At proposed prod. zone

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

14-1/2 miles south from Maljamar, New Mexico

15. DISTANCE FROM PROPOSED*

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

660' FNL

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

Only Well

16. NO. OF ACRES IN LEASE

2320

19. PROPOSED DEPTH PBD

TD 10,915 PBD 10,512

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary

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

GR 3612 RKB 3633

22. APPROX. DATE WORK WILL START*

July to Oct. - 1976

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 sx.
12-1/4"	9-5/8"	36#	4400'	2700 sx.
8-3/4"	7" liner	23, 26, & 29#	T - 3789.66 B - 10,915.00	2000 sx.

BOP Series 900 or 1500 Double Gate

Request plugback approval from the Wolfcamp pool to the Bone Spring Formation.

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

Charles Gray

TITLE

Proration Analyst

DATE

6-9-76

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

JUN 18 1976

BERNARD MOROZ
ACTING DISTRICT ENGINEER

*See Instructions On Reverse Side

UNITED STATES
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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 ^B_S

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

1.

OIL ☒ WELL GAS ☐ WELL OTHER

2. NAME OF OPERATOR

Sun Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 1861, Midland, Texas 79701

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

See also space 17 below.
At surface

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

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*

Plug back to Bone Springs ☒

(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.)*

HISTORY: TD 10,915' Wolfcamp perfs 10262-10306 & 10065-10073. Last test 10 80 & 22 B

2-3-76 Welex set Baker CIBP @ 10035. Wolfcamp perfs isolated.

2-4-76 RDB pkr. set @ 7725'. Welex perf Bone Springs interval w/2" OD DP sidwinder thru zero phase decent. tbg. gun @ 7959, 61, 67, 69, 73, 76, 8009, 16, 27, 29, 55, 88, 8105, 11, 14, 25, 27, 36, 38, 73, & 75. Acdz perfs. w/3000 gals 15% NEHCL & RCN ball sealers. BDP 2200 MP 2800. Well flowing load and acid water.

2-6-76 In 14-1/4 hrs on 1/4" ck - no flow. R_h swab and rec. 1 gal. LAW w/slight show of gas. Rlsd pkr & NU wellhead. Well shut-in and standing.

UPON COMPLETION OF ENGINEERING & GEOLOGICAL EVALUATION, INTENT TO P&A WILL MOST LIKELY BE SUBMITTED.

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

SIGNED

Charles H. Gray

TITLE

Proration Analyst

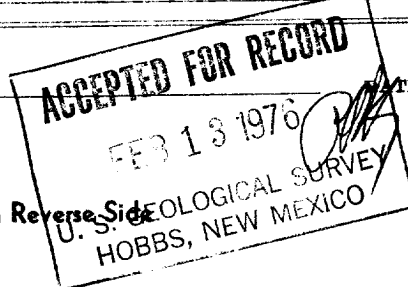
DATE 2-11-76

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE



*See Instructions on Reverse Side