

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.

5. LEASE DESIGNATION AND SERIAL NO.

NM 025497

6. IF INDIAN ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jennings Federal Com.

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Undesignated *Midland*

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

Sec. 15, T-19-S, R-32-E

12. COUNTY OR PARISH
Lea

13. STATE
New Mexico

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 1980' FWL & 1980' FNB Sec. 15, Unit -F-

At top prod. interval reported below

At total depth

14. PERMIT NO. - DATE ISSUED 8-16-74

15. DATE SPUDDED 8-24-74 16. DATE T.D. REACHED 10-27-74 17. DATE COMPL. (Ready to prod.) 1-28-75 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GR 3633 RKB 3648 19. ELEV. CASINGHEAD 3634

20. TOTAL DEPTH, MD & TVD 10,897 21. PLUG BACK T.D., MD & TVD 10,826 22. IF MULTIPLE COMPL., HOW MANY* Single 23. INTERVALS DRILLED BY 0-10897 ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Perfs 9874-9890 (Bone Springs) Top 7310 - Bottom 10,520 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN CN-FD, DLL, BHC Sonic/GR, DILL 27. WAS WELL CORED Yes

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#	408.65	17-1/2"	350 sx C1 "C" - Circ Cmt.	None
9-5/8"	32.3 & 36#	4400.00	12-1/4"	1700 sx - TOC @ 1825'	None

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
7"	4127.86	10,897.00	1070 sx.	-	2-7/8"	9671'	9671'

31. PERFORATION RECORD (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
10,715-63, 10 holes w/2" Dec. zero phase 10,555-62, 8 holes w/2" Hollow Carrier Dec. zero phase thru tbq. gun. 9874-90, 1 JS/2 ft. w/2" OD zero phase Dec. thru tbq. gun.	DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED *10,555-10,763 Acdz w/6000 gals -15% Spearhead *NOTE: Perfs isolated & 3500 gals Wespad A & 1200 gals. 20% Reactrol & 2000 gals 15% MS. by RBP @ 10,027

33.* PRODUCTION 9874-9890 Acadz w/2000 gal 15% Spearhead

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
1-28-75	Flowing	Producing					
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-30-75	24	16/64	→	669.0	450.9	1	674
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
950-850	0	→	669	451		41.4	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Flared until gas purchaser TEST WITNESSED BY -

35. LIST OF ATTACHMENTS
Logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED *Charles E. [Signature]* TITLE Proration Analyst DATE 1-31-75

*(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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		TRUE VERT. DEPTH
				NAME	MEAS. DEPTH	
Dolomite	4933	4948	DST #1 - No wtr. cush., time open 1:15 PM 9-20-74, flow press 27.5# SI-68.7# Rec'd 60' Drlg Mud.	Delaware Sand	4,474	
Lime	5753	5768	#2 - No wtr. cushion, 9-27-74, 5:00 A.M. FP 42#, SI 128#, Rec'd 10' Drld Mud	Bone Springs	7,310	
Lm & Dol	6628	6652	#3 - No wtr. cush., 10-2-74, 7:00 A.M., FP 215#, SI 1894#, Rec'd 1,045' wtr. cut mud.	Wolfcamp	10,520	
Lm & Dol	7035	7053	#4 - No wtr. cush., 10-4-74, 1:30 PM, FP 402#, SI 1149#, Rec'd. 2100' wtr. & Gas cut mud.	Cored Intervals	4948-59	11' Dol.
Lm & Dol	7068	7101	#5 - No wtr. cush, 10-5-74, 12:30 PM FP 485# SI 1807#, Rec'd 2460' Gas cut md.		4959-89	30' Dol. & 1m.
Lime	10689	10769	#6 - 1100' wtr cush, 10-25-74, 8 AM FP 605# SI 791#, Rec'd 1100' wtr. cush & 90' Drlg. Mud.		5768-90	22' Dol. & Lm.