

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 *

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 'B' Federal

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Northeast Lusk-Yates

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

Sec. 15, T19S, R 32 E

12. COUNTY OR PARISH

LEA

13. STATE

NM

18. ELEVATIONS (DF, REB, RT, GR, ETC.)*

GR 3633'

19. ELEV. CASINGHEAD

3633'

23. INTERVALS DRILLED BY

Yes

ROTARY TOOLS

CABLE TOOLS

25. WAS DIRECTIONAL SURVEY MADE

No

27. WAS WELL CORED

ACCEPTED FOR RECORD

PETER W. CHICKER

AMOUNT PULLED

FEB 27 1981

U.S. GEOLOGICAL SURVEY

ROSWELL, NEW MEXICO

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 79702

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

At surface 1880' FNL & 1980' FWL Unit Ltr. "F"

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

1-17-81

16. DATE T.D. REACHED

1-24-81

17. DATE COMPL. (Ready to prod.)

2-6-81

20. TOTAL DEPTH, MD & TVD

3050'

21. PLUG BACK T.D., MD & TVD

3017'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Perfs 2985-64' - 2794' - Unknown-Yates

2958-64

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Laterlog & Compensated Neutron-Formation Density

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD
8 5/8"	24#	426'	12 1/4"	375 SX
5 1/2"	14#	3050'	7 7/8"	540 SX

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	2997'	N/A

31. PERFORATION RECORD (Interval, size and number)

2958 - 64' - 1 JSPF - 0.43, 7 Holes

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2958-64	750 Gals 15% NEHCL (DS 30)
2958-64	5000 Gal Gelled 5%KCL & 4700 g Wtr. 12000# 20/40 SD

33.*

PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
2-7-81		Pumping - 2 x 1½" x 12' Axelson					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
2-16-81	24		→	56	13	0	232/1	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
		→				29.0°		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Inclination

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

SIGNED

Jerrin Williams

TITLE

Sr. Accounting Assistant

DATE

23 February 1981

*(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 33.

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
Yates	2794'	Unknown	Core #1 - 2850-80' In Lime no Show on 30' Core	Rustler	1068'	
Yates	2794'	Unknown	Core #2 - 2938-3006' In Lime & Sand, 21' show of bleeding oil & Gas in core.	Tansill Yates	2597' 2794'	

RECEIVED
MAR 10 1981
U.S. CONSERVATION DIV.

INCLINATION REPORT

OPERATOR: Sun Oil Co.
P. O. Box 1861
Midland, Texas 79701

LEASE NAME: Jennings "B" Federal #3
Lea County, New Mexico

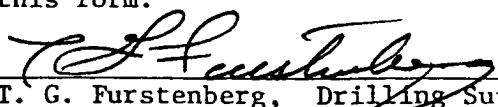
RECORD OF INCLINATION

*Measured Depth (feet)	Course Length (Hundreds of feet)	*Angle of Inclination (Degrees)	Displacement per 100 feet (Sine of Angle x 100)	Course Displacement (feet)	Accumulative Displacement (feet)
426	426	1	1.75	7.46	7.46
936	510	1 1/2	2.62	13.36	20.82
1431	495	1	1.75	8.66	29.48
1947	516	2	3.49	18.01	47.49
2463	516	2	3.49	18.01	65.50
2753	290	2	3.49	10.12	75.62
3050	297	2	3.49	10.36	85.98

Is any information shown on the reverse side of this form? No

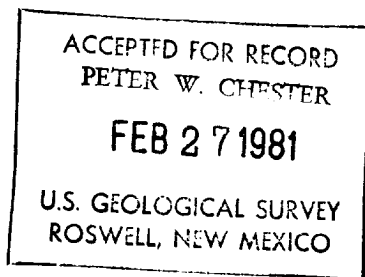
Accumulative total displacement of well bore at total depth of 3050 feet = 85.98 feet.

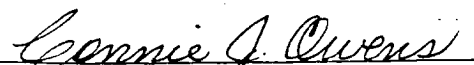
I declare that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on both sides of this form and that such data and facts are true, correct, and complete to the best of my knowledge. This certification covers all data as indicated by asterisks by the item numbers on this form.

 Signature of Authorized Representative
T. G. Furstenberg, Drilling Superintendent

Hillin Drilling Company
915/563-3560

Sworn to and subscribed before me this 5th day of February, 1981.




Notary Public in and for the
County of Ector, Texas
My commission expires 12/26/81