

UNITED STATES

SUBMIT IN DUPLICATE*

Form approved.
Budget Bureau No. 42-R355.5.DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(See other instructions on
reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

NM 18042

6. IF INDIAN, ALLIATE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Sotol Federal

WELL NO.

10. FIELD AND POOL, OR WILDCAT

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

Section 12, T24S, R31E

12. COUNTY OR
PARISH

Eddy

13. STATE

NM

14. PERMIT NO.

DATE ISSUED

8-19-80

1a. TYPE OF WELL:

OIL

WELL

☒

GAS

WELL

☐

DIE

☐

Other

b. TYPE OF COMPLETION:

NEW

WELL

☐

WORK

OVER

☐

DEEP-

EN

☐

PLUG

BACK

☒

DIFF.

RESVR.

☐

Other

2. NAME OF OPERATOR

The Superior Oil Company

3. ADDRESS OF OPERATOR

P.O. Box 3901, Midland, Texas 79702

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

At surface

1980 FNL & 1980 FWL

At top prod. interval reported below

At total depth Same

15. DATE SPUDDED

9-29-80

16. DATE T.D. REACHED

1-12-81

17. DATE COMPL. (Ready to prod.)

9-18-82

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

GL: 3526 3537.5

19. ELEV. CASINGHEAD

NA

20. TOTAL DEPTH, MD & TVD

15620

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

11290

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

X

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

10951 - 11098 OA

Bone Springs

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-CCL-CBL-VDL

27. WAS WELL CORED

No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
30"		40'			
20"	94#	660'	26"	1450 sx C1 C	
13 3/8"	54.5#	4530'	17 1/2"	2700 sx 1t + 500 sx C	
9 5/8"	47#	12502'	12 1/4"	865 sx C1 H	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
7 5/8"	12323	14748	900 sx		2 7/8"	11182	
5"	14509	15618	155 sx				

31. PERFORATION RECORD (Interval, size and number)

14327-14363 (blkd off by plug)

13740-13788 (blkd off by CIBP)

10860-10862 (Squeezed)

10951-11098 w/1 1/2 jhps

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	See Attachment

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
9-18-82		Pumping		2½ X 1½ X 36'		Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7-14-83	24	--	→	3	0	2	--
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
150	15	→	ACCEPTED FOR RECORD				42.7°

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

TEST WITNESSED BY

Clyde Bell

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

J. P. Tate

TITLE ROSEWELL OPERATIONS Supt.

DATE 8-4-83

*(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 16: 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	NEAR. DEPTH	TRUE VERT. DEPTH
Lamar	4557	4586	Limestone	Lamar	4557	
Bell Canyon	4586	5467	Sandstone	Bell Canyon	4586	
Cherry Canyon	5467	6706	Sandstone	Cherry Canyon	5467	
Brushy Canyon	6706	8348	Sandstone	Brushy Canyon	6706	
Bone Springs	8348	11408	Sand, Shale, Lime	Bone Springs	8348	
111 Bone Springs	11408		Sand, Shale, Lime	111 Bone Springs	11308	