

UNIT STATES

SUBMIT IN DUPLICAT.

Form approved.
Budget Bureau No. 42-R355.5.

NEW - AREA

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(See other in-
structions on
reverse side)

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 U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO3. ADDRESS OF OPERATOR SunOil Company4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
P. O. Box 2792, Odessa, Texas 79760At surface 660' FNL and 1380' FNL of Sec. 28, T8S, R30E

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

12. COUNTY OR PARISH Chaves 13. STATE New Mexico15. DATE SPUDDED 12-18-67 16. DATE T.D. REACHED 12-23-67 17. DATE COMPL. (Ready to prod.) 1-27-68 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4147 DF, 4147.5 RKB, 19. ELEV. CASINGHEAD 413720. TOTAL DEPTH, MD & TVD 3570 21. PLUG, BACK T.D., MD & TVD 3455 22. IF MULTIPLE COMPLEMENTS, HOW MANY* 4138' RT INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS 0 - 357024. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3402-3440 Milnesand (San Andres) 25. WAS DIRECTIONAL SURVEY MADE yes26. TYPE ELECTRIC AND OTHER LOGS RUN GR - Corr. - Densilog27. 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
<u>8 5/8"</u>	<u>20 1/2</u>	<u>359</u>	<u>12 1/4</u>	<u>2-5 sks Incon</u>	<u>None</u>
<u>4 1/2"</u>	<u>9.5 1/2</u>	<u>3570</u>	<u>7 7/8</u>	<u>300 sks Trinity</u>	<u>None</u>

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					<u>2 3/8</u>	<u>3416</u>	<u>-</u>

31. PERFORATION RECORD (Interval, size and number)

One 0.375" hole : 3402-05-10-14-16-18-25-27-
31-38-40, 77-84-94-96, 3506 - 16 holes.
Squeeze & re-perf. w/One 0.375 hole : 3402-05-
10-14-16-18-25-27-31-38-40, 11 holes.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<u>3402-3506</u>	<u>8000 gals. 28% NE HCL</u>
<u>3402-3440</u>	<u>6000 gals. 28% NE HCL</u>
<u>3402-3440</u>	<u>20,000 gals. gelled brine and</u> <u>15,700# 20-40 sand</u>

33.* PRODUCTION

DATE FIRST PRODUCTION <u>2-5-68</u>		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) <u>pumping - 2" x 1 1/2" Insert</u>				WELL STATUS (Producing or shut-in) <u>Prod.</u>	
DATE OF TEST <u>2-7-68</u>	HOURS TESTED <u>24</u>	CHOKE SIZE <u>-</u>	PROD'N. FOR TEST PERIOD <u>→</u>	OIL—BBL. <u>17</u>	GAS—MCF. <u>1074</u>	WATER—BBL. <u>96</u>	GAS-OIL RATIO <u>-</u>
FLOW. TUBING PRESS. <u>-</u>	CASING PRESSURE <u>-</u>	CALCULATED 24-HOUR RATE <u>→</u>	OIL—BBL. <u>17</u>	GAS—MCF. <u>1074</u>	WATER—BBL. <u>96</u>	OIL GRAVITY-API (CORR.) <u>27.0</u>	

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

Fuel and vented

TEST WITNESSED BY

Clyde Mathews

35. LIST OF ATTACHMENTS

Electric logs and Form 9-331

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

SIGNED

TITLE

Area Superintendent

DATE

2-14-68

ACCEPTED FOR RECORD

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

District Engineer

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.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Redbed Anhydrite Anhy. & dolomite Limestone Lime	XXXX 0 370 1950 2730 3480	370 1950 2730 3480 3570	XX	Milnesand Cato	3365 3451	