

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)NM000 - ARTESIA
NM000 - 10003
BLM - 50113 FE

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
The Eastland Drilling Company3. ADDRESS OF OPERATOR
730 Petroleum Life Building, Midland, Texas 797014. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface **2,305' from South line and 2,310' from East line.**At top prod. interval reported below **Same**At total depth **Same**14. PERMIT NO. DATE ISSUED
8-27-68

5. LEASE DESIGNATION AND SERIAL NO.

ME-022636

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Hodge Fed.

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Cato (San Andres)

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

Sec. 23, T-8-S, R-30-E, NEPM

12. COUNTY OR PARISH

Chaves

13. STATE

New Mexico15. DATE SPUDDED
9-3-6816. DATE T.D. REACHED
9-14-6817. DATE COMPL. (Ready to prod.)
9-19-6818. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
4,214' RT19. ELEV. CASINGHEAD
4,203'20. TOTAL DEPTH, MD & TVD
3640'21. PLUG, BACK T.D., MD & TVD
3622'22. IF MULTIPLE COMPL., HOW MANY*
Single compl.23. INTERVALS DRILLED BY
→ROTARY TOOLS
0-3640'CABLE TOOLS
•

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

3588 to 3609' San Andres

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Schlumberger Gamma Ray-Sonic, Neutron, Laterolog, Micro-Laterolog

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
8-5/8	24#	388.20'	11"	250 sacks reg-2% CaCl₂	None
4-1/2	9.5#	3640.0'	7-7/8"	250 sacks Incon-Pex	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
	None				2" EUE	3622	None

31. PERFORATION RECORD (Interval, size and number)

**One 0.43" jet hole each at
3588, 3590, 3596, 3598, 3600, 3602,
3604, 3606, and 3609'**

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3588-3609	1500 gals. 15% acid
3588-3609	6000 gals. 28% acid

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
9-19-68		Flowing					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
9-22-68	24	1/2"	→	63.0	26.46	20.0	420	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
40	540	→	63.0	26.46	20.0	24.0		

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

Vented

TEST WITNESSED BY

George D. Neal

35. LIST OF ATTACHMENTS

Logs (GR-S, Neutron, Laterolog, Micro-Laterolog), Inclination Report

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

SIGNED

George D. Neal

TITLE

Superintendent

DATE

9-24-68

ACCEPTED FOR RECORD

*(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	TOP	TRUE VERT. DEPTH
San Andres	3588	3609	Completion interval - oil and water No cores or DST's	Rustler Yates San Andres	1146 1692 2859		

INCLINATION REPORT

POOL: Cato (San Andres) COUNTY: Chaves, New Mexico
OPERATOR: The Eastland Drilling Co. ADDRESS: 730 Petroleum Life Bldg.
Midland, Texas 79701
LEASE: Hodges Fed. Well No. 1 UNIT: J Sec. 23, TSP 8S Rge 30E

RECORD OF INCLINATION

<u>Depth (Feet)</u>	<u>Angle of Inclination (Degrees)</u>
389	1/4
1000	1
1620	1-3/4
2246	1-1/2
2712	3/4
3172	3/4
3638	3/4

I hereby certify that I have personal knowledge of the data and facts placed on this sheet, and that such information given above is true and complete.



Signature
The Eastland Drilling Company

Before me, the undersigned authority, on this day personally appeared George D. Neal, known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is acting at the direction and on behalf of the operator of the well identified in this instrument, and that such well was not intentionally deviated from the vertical whatsoever.



Signature & Title Supt.

Sworn and subscribed to before me, this 24th day of
September, 1968.



Notary Public in and for
Midland County, Texas

My Commission expires
June 1, 1969.

Section 100-100

The following information is for the purpose of providing a general overview of the project and is not intended to be a detailed description of the project or a substitute for the project description.

The project is a study of the effects of the proposed project on the environment.

Section 100-101

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