

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 *

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 Oil Company

3. ADDRESS OF OPERATOR

704 Western United Life Building, Midland, Texas 79701

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

At surface 1830 ft. from North line, 660 ft. from West line.

At top prod. interval reported below same

At total depth same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

11-15-70

16. DATE T.D. REACHED

11-27-70

17. DATE COMPL. (Ready to prod.)

12-21-70

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

3680' GR, 3690' KB

19. ELEV. CASINGHEAD

3681'

20. TOTAL DEPTH, MD & TVD

3963'

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

2220'

22. IF MULTIPLE COMPL., HOW MANY*

None

23. INTERVALS DRILLED BY

0-3963

ROTARY TOOLS

CABLE TOOLS

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

2150 to 2160' - interval presently open in Yates
Swabbed dry with no production of oil, gas, or water

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray - Neutron, Laterolog, Microlaterolog

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"	20#	713	11	350 sacks - 2% CaCl ₂ (Cement circulated)	None
4-1/2"	9.5#	3963	7-7/8	450 ex. Incon-Poz 2% gel (Top of cement - 2030')	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None					None		

31. PERFORATION RECORD (Interval, size and number)

- 3868' - 3878' - 10-0.42" holes 1 shot/ft
- 1 shot ea. (0.42") @ 3456', 3458', 3473', 3502', 3584', 3586', 3589', 3719', 3721', 3723' (10 holes.)
- 2653 - 2663' - 10-0.42" holes, 1 st./ft.
- 2150 - 2160' - 10-0.42" holes, 1 st./ft.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. (See reverse)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3868 - 3878	1250 gal. acid, 13,000 gal. frac*
3456 - 3723	1750 gal. acid, 30,000 gals. frac*
2653 - 2663	1000 gal. acid, 15,000 gal. frac*
2150 - 2160	750 gal. acid, 10,000 gals. frac*

PRODUCTION

*gelled water w/1/2 sand per gal.

DATE FIRST PRODUCTION

None

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

WELL STATUS (Producing or shut-in)

Shut-in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

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

TEST WITNESSED BY

George D. Neal

35. LIST OF ATTACHMENTS

Electric logs, deviation record.

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

SIGNED

TITLE

Vice-President

DATE

January 20, 1971

*(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.)

1. Cast iron bridge plug set @ 3,800' with cement from 3,800' to 3,790'.
2. Cast iron bridge plug set @ 2,730' with cement from 2,730' to 2,740'.
3. Cast iron bridge plug set @ 2,230' with cement from 2,230' to 2,220'.
4. Top of 4-1/2" casing capped at surface with valve.

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	
				NAME	TOP MEAS. DEPTH TRUE VERT. DEPTH
San Andres	3868	3878	Swabbed 25 bbls. fluid per hour - salty sulphur water, FL 800' from surface	San Andres	3775
Grayburg	3456	3723	Swabbed 30 bbls. fluid per hour - black sulphur water w/ trace of oil.	Grayburg	3103
Seven Rivers	2653	2663	Swabbed dry - no shows.	Petrose	2846
Yates	2150	2160	Swabbed dry - no shows.	Queen	1643
				Base Salt	

N. M. O. C. C. CORY

DONNELLY DRILLING CO., Inc.

OIL WELL DRILLING CONTRACTORS

P. O. BOX 433

ARTESIA, NEW MEXICO

December 2, 1970

The Eastland Oil Company
704 Western United Life Building
Midland, Texas 79701

Well No. 2, Arco Federal Lease, 1830' FNL, 660 FWL, Section 5, Township 18
South, Range 31, East, Eddy County, New Mexico.

Deviation Record

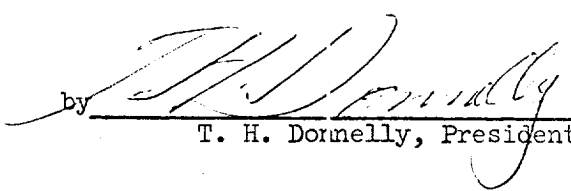
<u>Test No.</u>	<u>Depth</u>	<u>Degree Off</u>
1	716	1
2	1226	3/4
3	1719	1 1/4
4	2115	1
5	2407	3/4
6	2745	1
7	2957	
8	3763	
9	3812	2 3/4

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JAN 21 1971
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

The undersigned hereby certifies that he is an authorized representative of the drilling contractor, Donnelly Drilling Co., Inc. who drilled the above described well and that he conducted deviation test and obtained the results set out above.

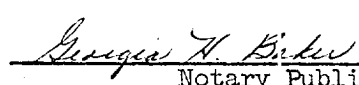
DONNELLY DRILLING CO., INC.

by


T. H. Donnelly, President

State of New Mexico
County of Eddy:

Subscribed and sworn to before me this 2nd day of December 1970.


Notary Public

My Commission Expires:

8-26-74