

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 _____				5. LEASE DESIGNATION AND SERIAL NO. LC-069052	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____	
2. NAME OF OPERATOR HNG Oil Company				7. UNIT AGREEMENT NAME _____	
3. ADDRESS OF OPERATOR P. O. Box 767, Midland, Texas 79701				8. FARM OR LEASE NAME Elliott Federal "31"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 940' FNL & 2310' FWL, Section 31, T-24-S, R-38-E At top prod. interval reported below At total depth				9. WELL NO. 5	
14. PERMIT NO. _____ DATE ISSUED 4-7-72				10. FIELD AND POOL, OR WILDCAT Devonian	
15. DATE SPUDDED 4-11-72				11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 31, T-24-S, R-38-E, N.M.P.M.	
16. DATE T.D. REACHED 5-5-72				12. COUNTY OR PARISH Lea	
17. DATE COMPL. (Ready to prod.) 5-10-72				13. STATE New Mexico	
18. ELEVATIONS (OF RKB, RT, GR, ETC.)* 3097' GR.				19. ELEV. CASINGHEAD -	
20. TOTAL DEPTH, MD & TVD 7,840'		21. PLUG, BACK T.D., MD & TVD 7,832'		22. IF MULTIPLE COMPL., HOW MANY* -	
23. INTERVALS DRILLED BY →				ROTARY TOOLS 0-7840'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7688'-7803' Devonian				25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Sidewall Neutron Porosity Log & Dipmeter Log				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
13 3/8"	48#	620'	17 1/2"	750 sks.	None
8 5/8"	24# & 32#	3,850'	11"	1,620 sks.	None
5 1/2"	17#	7,835'	7 7/8"	625 sks.	None
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
None					
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
2 3/8"	7,685'	7,625'			
31. PERFORATION RECORD (Interval, size and number)					
7688'-7693'		6 shots .72" per interval		7798'-7803'	
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
7688'-7693'		1000 gal. 15% Reg. Acid			
7798'-7803'		" " " " "			
33.* PRODUCTION					
DATE FIRST PRODUCTION 5-10-72		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Shut in
DATE OF TEST 5-10-72	HOURS TESTED 12	CHOKE SIZE 16/64	PROD'N. FOR TEST PERIOD →	OIL—BBL. 180	GAS—MCF. 342
WATER—BBL. 4		GAS-OIL RATIO 1900			
FLOW. TUBING PRESS. 350	CASING PRESSURE 0 (Pkr.)	CALCULATED 24-HOUR RATE →	OIL—BBL. 360	GAS—MCF. 684	WATER—BBL. 8
OIL GRAVITY-API (CORR.) 41.8					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented					TEST WITNESSED BY _____
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 (George R. McBride)		TITLE Admin. Ass't. to Dist. Supt.		DATE May 15, 1972	

*(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	TRUE VERT. DEPTH
Devonian	7624'	7820'	DST #1: Open 30 min. GTS in 10 min. Oil to surface 15 min.; 360 psi. on 3/8" choke. ISIP-2175#; FFP-2131#; PSIP-2175#.	Anhydrite Yates Queen San Andres Tubb Abo Woodford Devonian	1145' 2695 3592 3992 5994 6594 7430 7624	



P. O. BOX 767, MIDLAND, TEXAS 79701 (915) 683-4871

May 15, 1972

Re: Elliott Federal "31" Well No. 5,
940' ENL "2310" TWL, Section 31,
T-24-S, R-38-E, N. M. P. M.,
Lea County, New Mexico

<u>FOOTAGE</u>	<u>DEGREE OF INCLINATION</u>
600	1/2
1,120	1
1,600	1 1/2
2,150	1 1/4
2,584	2
2,951	1 1/2
3,500	1 3/4
3,850	2 1/4
4,397	3/4
4,810	1 1/2
5,300	1 3/4
5,800	1 3/4
5,906	2
6,369	2 1/2
6,650	2 1/2
6,842	2 1/2
7,542	2 3/4
7,820	3 1/4
7,840	3 1/4

Executed this the 15 day of May 1972.
State of Texas
County of Midland

[Signature]
Admin. Ass't. to Dist. Supt.

Before me, the undersigned authority, on this day personally appeared George R. McBride known to me to be the person whose name is subscribed to the above information, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Subscribed and sworn to before me this 15 day of May, 1972.

Seal

My commission expires June 1, 1973

[Signature]
Notary Public in and for
Midland County, Texas

INEZ WILEY