

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse)

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. NM18644	
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 Dogie Draw Federal	
3. ADDRESS OF OPERATOR P. O. Box 2267, Midland, Texas 79701		8. FARM OR LEASE NAME Dogie Draw Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FSL & 1980' FEL, Sec. 8, T26S, R36E, NMPM At top prod. interval reported below At total depth		9. WELL NO. 1	
14. PERMIT NO.		DATE ISSUED	
10. FIELD AND POOL, OR WILDCAT Wildcat		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 8, T26S, R36E, NMPM	
12. COUNTY OR PARISH Lea		13. STATE New Mexico	
15. DATE SPUDDED 5-27-74	16. DATE T.D. REACHED 1-2-75	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 2907.8'
19. ELEV. CASINGHEAD	20. TOTAL DEPTH, MD & TVD 20,971'		
21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY →	ROTARY TOOLS 0,20,971'
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*			25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN Sidewall Neutron Porosity, Dual Laterolog, Dual Induction			27. WAS WELL CORED No
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
20"	94#	661	26"
13-3/8"	71#	5001	17-1/2"
9-5/8"	47 & 52#	11990	12-1/4"
CEMENTING RECORD		AMOUNT PULLED	
1000 sks C1 C		None	
2950 SK C1 C & H		None	
1900 sks C1 C & H		4280'	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
7-5/8"-7-3/4	11861	16138	875
5-1/2"-5	15926	20882	520
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number)			
Ellenburger - 20,229-20,545' - 12 - .45"			
Fusselman - 18,410-18,430' - 10 - .39"			
Fusselman - 18,029-18,051' - 6 - .38"			
Devonian - 17,248-17,260' - 13 - .38"			
Strawn - 12,576-12,617' - 20 - .33"			
Bone Springs - 10,646-655' - 10 - .33"			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
20,229-20,545		10,000 gal 15% HCl	
18,410-18,430		7,500 gal 15% HCl	
18,029-18,051		6,000 gal 15% HCl	
17,248-17,260		10,000 gal 15% HCl (Cont'd)	
33. PRODUCTION			
DATE FIRST PRODUCTION 1-19-75	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing (Testing well) (See on back)		
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
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 <u>H. G. Livingston, Jr.</u>		TITLE <u>Petroleum Engineer</u>	DATE <u>5-29-75</u>

*(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.), formations 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.)

Item 32: 12,576 to 12,617 - Acd w/24,000 gal 15% HCl
10,646 to 10,655 - Acd w/ 6,000 gal 15% HCl

Item 33: Well produced 3203 bbls oil from Strawn zone and depleted zone.

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
Strawn	18,029	18,051	3205 bbls oil and small amount of gas - zone depleted - non productive	Delaware Mtn. Bone Springs Strawn Atoka Miss. Lime Siluro-Dev Simpson Ellenburger	5060' 8450' 12350' 15373' 16065' 16800' 18096' 20107'