

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions 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. NM-0353184					
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 Bowden Federal "25"					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FSL & 660' FEL, Sec. 25, T-24-S, R-2-E, OFFICE At top prod. interval reported below Same At total depth Same				9. WELL NO. 1					
14. PERMIT NO.				DATE ISSUED JUN 15 1973					
15. DATE SPUDDED 2-23-73				16. DATE T.D. REACHED 4-27-73					
17. DATE COMPL. (Ready to prod.) 5-15-73				18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3362' GR					
19. ELEV. CASINGHEAD 3362'				20. TOTAL DEPTH, MD & TVD 12,125'					
21. PLUG BACK T.D., MD & TVD 11,350'				22. IF MULTIPLE COMPL., HOW MANY* -					
23. INTERVALS DRILLED BY 0 - 12,125'				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Morrow 11,210' - 11,220'					
25. WAS DIRECTIONAL SURVEY MADE No				26. TYPE ELECTRIC AND OTHER LOGS RUN Sonic, Dipmeter, Laterolog, Nuetron Density					
27. WAS WELL CORED No				28. CASING RECORD (Report all strings and cementing record)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		AMOUNT PULLED	
13-3/8"		61#		431		17-1/2"		None	
10-3/4"		40.5#		2164		12-1/4"		None	
7-5/8"		29.7#		9200		9-1/2"		None	
29. LINER RECORD				30. TUBING RECORD					
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)	
5"		9053		12,125		500 sx			
SIZE		DEPTH SET (MD)		PACKER SET (MD)					
2-7/8"		9058'		9058'					
31. PERFORATION RECORD (Interval, size and number) 11,507, 611, 678, 755, 774, 814, 820, & 823. Plugged off all of above. 11,210' to 11,220' 10 holes 0.31"				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED							
11,507-11,823		2000 gal 15% NE Acid							
11,350'		Set CI Bridge Plug							
11,210-11,220'		2000 gal 15% NE Acid							
33. PRODUCTION				34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)					
DATE FIRST PRODUCTION 5-15-73		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing		WELL STATUS (Producing or shut-in) Shut-in					
DATE OF TEST 5-15-73		HOURS TESTED 5 hours		CHOKE SIZE 10 1/2/64		PROD'N. FOR TEST PERIOD 0			
FLOW. TUBING PRESS. 215		CASING PRESSURE 525		CALCULATED 24-HOUR RATE 0		OIL GRAVITY-API (CORR.) -			
OIL—BBL. 0		GAS—MCF. 1085		WATER—BBL. 0		GAS-OIL RATIO -			
35. LIST OF ATTACHMENTS Flared				TEST WITNESSED BY [Signature]					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records									
SIGNED RR Frasier		TITLE Petroleum Engineer		DATE 6-12-73					

*(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 32, 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 Comed"; 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.	GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH TRUE VERT. DEPTH
Porosity not good above 9200'				Delaware Mtn.	2100'
Atoka	10,973	10,980	Porosity by log, Wet by log. Laterolog	Bone Springs	5646
				Wolfcamp	8373
Morrow	11,210	11,224	Productive Interval by perfs. and production test.	Strawn	10633
				Atoka	10935
				Morrow	11172
				Barnett	12033