

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPL E*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

Copy to SF

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 Hanagan Petroleum Corporation						5. LEASE DESIGNATION AND SERIAL NO. NM 20053	
3. ADDRESS OF OPERATOR P. O. Box 1737 Roswell, New Mexico						6. IF INDIAN, ALLOTTED OR TRIBE NAME _____	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2310' FSL & 1650' FWL At top prod. interval reported below At total depth Same						7. UNIT AGREEMENT NAME _____	
14. PERMIT NO. ARTESIA, OFFICE						8. FARM OR LEASE NAME Horseshoe Bend	
15. DATE SPUDDED 11/18/75						9. WELL NO. 1	
16. DATE T.D. REACHED 12/31/75						10. FIELD AND POOL, OR WILDCAT Wildcat	
17. DATE COMPL. (Ready to prod.) 3/5/76						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 34, T-23-S, R-25-E	
18. ELEVATIONS (D.R.M.B., RT, GR, ETC.)* 3692 KB						12. COUNTY OR PARISH Eddy	
19. ELEV. CASINGHEAD 3676 GR						13. STATE N.M.	
20. TOTAL DEPTH, MD & TVD 11356		21. PLUG, BACK T.D., MD & TVD 11302		22. IF MULTIPLE COMPLETIONS, HOW MANY* 1		23. INTERVALS DRILLED BY ROTARY TOOLS 0-11356	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Morrow 10379-83						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Schlumberger: CNL/FDC/Gr & DLL/micro SFL						27. WAS WELL CORED NO	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
16"		65#		290'		20"	
9-5/8"		36#		2300'		14-3/4 & 12 1/2"	
5-1/2"		17 & 20#		11356'		8-1/2 & 7-7/8"	
						400 sx.	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2-7/8"		10760		10766			
31. PERFORATION RECORD (Interval, size and number)							
Perf. Schlumberger 4" Hyperjet csg. gun: 10879 (2), 10881 (2), 10883 (2) (6 holes)							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
10379-83				200 gals. 10% acetic acid			
				1800 7 1/2% MS acid w/1000			
				SCF N ₂ /bbl.			
33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
		Flowing - See attached C-122				Shut-in	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
2/28/76		4		Varies		OIL—BBL. CAOF	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		GAS—MCF. 1095.4	
						WATER—BBL. MCFGPD	
						GAS-OIL RATIO (4 Pt.)	
						OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
Shut-in - waiting on pipeline connection						F. Tefteller	
35. LIST OF ATTACHMENTS							
(5)C-122, (4)Form 9-330, (5)Form 9-331, (2)Notarized Deviation Surveys, (2)Electric Logs							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED		TITLE		Agent		DATE 3/5/76	

*(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:				38. GEOLOGIC MARKERS	
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.	NAME	MEAS. DEPTH
DST #1 (Strawn)	9901-9936	- Op. 60" - 120" FSI	NGTS, Rec. 60' DM, 90" ISI 386, FP 53-70, 316.	Delaware Sand	2460
DST #2 (Atoka)	10,220-432'	- Op. 90" - 92, 120" FSI 1800.	NGTS, Rec. 210' DM, 90" ISI 2307, FP 92-92, 120" FSI 1800.	Bone Spring	5020
DST #3 (Morrow)	10,854-900'	- Op. 60" - 90" ISI 4307, FP 270-416, 150" FSI 4307.	GTS 8" @ max. 478 MCFGPD, Rec. 330' GCM, 90" ISI 4307, FP 270-416, 150" FSI 4307.	3rd Bond Spring	7900
DST #4 (Morrow)	10,942-11,012'	- Op. 60" - 90" ISI 4535, FP 3030-4490, 120" FSI 4535.	NGTS, Rev. out 330' GCM & 9922' XW, 90" ISI 4535, FP 3030-4490, 120" FSI 4535.	Wolfcamp	8210
DST #5 (Morrow)	11,030-11,077'	- Op. 60" - 110-265, 90" FSI 4500.	NGTS, Rec. 480' M, 60" ISI 4500, FP 110-265, 90" FSI 4500.	Strawn	9736
DST #6 (Morrow)	11,122-11,277'	- Op. 60" - FP 93-741, 150" FSI 4471.	NGTS, Rec. 1599' XW & DM, 90" ISI 4517, FP 93-741, 150" FSI 4471.	Atoka	10292
				Morrow	10836
				B/Morrow Sand	11302