

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY P. O. BOX 1030

HOBBS, NEW MEXICO 88240

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____				5. LEASE DESIGNATION AND SERIAL NO. NM 14497-A	
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 2267, Midland, Texas 79702				8. FARM OR LEASE NAME Diamond 6 Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FEL & 1650' FNL At top prod. interval reported below Same At total depth Same				9. WELL NO. 1	
14. PERMIT NO. - DATE ISSUED 8/30/82				10. FIELD AND POOL, OR WILDCAT Wildcat Morrow	
15. DATE SPUDDED 9-10-82				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 6, T25S, R34E	
16. DATE T.D. REACHED 10-30-82				12. COUNTY OR PARISH Lea	
17. DATE COMPL. (Ready to prod.) 11-7-82				13. STATE NM	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3441' GR				19. ELEV. CASINGHEAD 3441'	
20. TOTAL DEPTH, MD & TVD 15,660'		21. PLUG, BACK T.D., MD & TVD 15,613'		22. IF MULTIPLE COMPL., HOW MANY* →	
23. INTERVALS DRILLED BY →				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 14,897' - 15,556' (Morrow)	
25. WAS DIRECTIONAL SURVEY MADE				No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Laterolog, Dual Ind-SFL, Comp. Neutron-Formation Density				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#	600'	17-1/2"	250 Pacesetter lite & 250	Cl C Circ.
9-5/8"	36#	5200'	12-1/4"	2475 Pacesetter lite & 425	Cl C Circ.
7"	26#	13450'	8-3/4"	600 Pacesetter lite & 325	Cl H -
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
4-1/2"	13,034'	15,660'	450 Cl	-	
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
2-7/8"	14695	PBR 14695			
31. PERFORATION RECORD (Interval, size and number)					
15,234' - 15,556' (.32" 9) 14,897' - 15,017' (.32" 17)					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED		
14,897' - 15,556'			5000 gals 7.5% Morrow flow /BC acid.		
33.* PRODUCTION					
DATE FIRST PRODUCTION 11-7-82		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) SI
DATE OF TEST 11-8-82	HOURS TESTED 24	CHOKE SIZE 16/64"	PROD'N. FOR TEST PERIOD →	OIL—BBL. 0	GAS—MCF. 5300
FLOW. TUBING PRESS. 6450	CASING PRESSURE Sealed	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented					
35. LIST OF ATTACHMENTS Logs					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED Betty G. Nelson		TITLE Regulator Analyst		DATE 11/17/82	
* (See Instructions and Spaces for Additional Data on Reverse Side)					

ACCEPTED FOR RECORD

(FOR REC'D) DAVID R. GLASS

NOV 23 1982

Regulator Analyst

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

DATE 11/17/82

(Hog Rec'd)

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Delaware, Cherry Canyon & Bone Spgs.	0	1400	Surface Rock	Delaware	5244	
Bone Springs	1400	5200	Anhy, Salt, Lime	Cherry Canyon	6250	
Wolfcamp	5200	9780	Lime, Sand, Shale	Cherry Canyon /Marker	6496	
Strawn	9780	11135	Lime, Chert, Shale, Sand	Bone Springs Lime	9230	
Atoka & Morrow	11135	13050	Lime, Shale, Sand	1st Bone Springs	10230	
	13050	13837	Shale, Lime	Wolfcamp	12412	
	13837	14645	Shale, Lime, Chert, Sand	Strawn	13880	
	14645	15660	Lime, Shale, Sand	Atoka	14010	
				Morrow Lime	14449	
				Morrow Clastics	14656	

38. GEOLOGIC MARKERS

RECEIVED

NOV 29 1982

O.C.D.
HOBBS OFFICE