

U. S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

ckf

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐				5. LEASE DESIGNATION AND SERIAL NO. LC-068282-B	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐				6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
2. NAME OF OPERATOR Hanson Operating Company, Inc.				7. UNIT AGREEMENT NAME N/A	
3. ADDRESS OF OPERATOR P. O. Box #1515, Roswell, New Mexico 88202-1515				8. FARM OR LEASE NAME HANSON FEDERAL	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface Sec. 25, T. 26S, R. 31E Unit 1, 2310' FBL & 350' FWL At top prod. interval reported below At total depth				9. WELL NO. 17	
14. PERMIT NO. O. C. D. DATE ISSUED 10/18/85				10. FIELD AND POOL, OR WILDCAT NORTH MASON (DELAWARE)	
15. DATE SPUDDED 11/19/85				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 25, T. 26S, R. 31E	
16. DATE T.D. REACHED 12/16/85				12. COUNTY OR PARISH Eddy	
17. DATE COMPL. 01/29/85				13. STATE New Mexico	
18. ELEVATIONS (DF, R&B, RT, GR, ETC.)* 3132' KB				19. ELEV. CASINGHEAD 3119' GR	
20. TOTAL DEPTH, MD & TVD 7000'		21. PLUG BACK T.D., MD & TVD 6220'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY ROTARY TOOLS 0-7000'				CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5656-72' Cherry Canyon				25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN DLL/GR; BHC/AL; CN/CDL/GR				27. WAS WELL CORED Yes	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
13-3/8"		54.5#		1080'	
8-5/8"		24 & 32#		4050'	
5-1/2"		17#		7000'	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
17-1/2		800 SX			
12-1/4		300 SX			
7-7/8		720 sx 50/50 POZ & 215 sx		Lite	
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
SACKS CEMENT*		SCREEN (MD)			
30. TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
2-7/8		5675'			
31. PERFORATION RECORD (Interval, size and number)					
5656-72', 6256-70', 6290-97' (1 JSPF)					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
5656 - 5672'		Frac w/30,000 gal 2% KCL wtr			
6256 - 6270'		Acid 1500 gal, T&A'd w/BP @ 6220'			
6290 - 6297'		Squeeze perms w/175 sx Type "H"			
33. PRODUCTION					
DATE FIRST PRODUCTION 01/29/86		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 01/29/86		HOURS TESTED 24 hrs.		CHOKE SIZE	
FLOW, TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE	
				OIL—BBL. 10	
				GAS—MCF. 5	
				WATER—BBL. 403	
				OIL GRAVITY-API (CORR.) 500/1	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold.					
35. LIST OF ATTACHMENTS Logs - DLL/GR, BHC/AL, CN/CDL/GR. Core Analysis. Deviation Surveys.					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records SIGNED <u>Brenda R. Godfrey</u> TITLE <u>Production Analyst</u> DATE <u>01/31/86</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.), 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 10: 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.

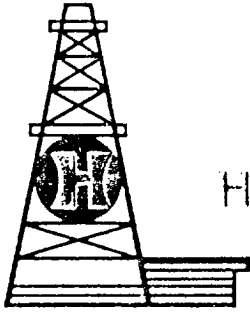
Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

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, CURSION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				NAME	TOP MEAS. DEPTH TRUE VERT. DEPTH
Anhydrite	865'	1592'			
Salt	1597'	4000'			
Lamar Lime (Delaware)	4080'	4108'			
Ramsey Sand	4108'				
Cherry Canyon	4994'				
Brushy Canyon	6646'				
TD	7000'				



HANSON OPERATING COMPANY, INC.

P.O. BOX 1515

ROSWELL, NEW MEXICO 88202-1515

PHONE AC 505-622-7330

January 31, 1986

DEVIATION SURVEYS

HANSON FEDERAL (NORTH MASON) #17 - BATT. #2
Sec. 25, T. 26S, R. 31E
Eddy County, New Mexico

1-1/4° @ 150'	1/4° @ 6035'
1° @ 592'	1-1/4° @ 6241'
2° @ 923'	2° @ 6740'
2° @ 1080'	1-3/4° @ 6900'
1-1/4° @ 1350'	1-3/4° @ 7000'
1-1/4° @ 1652'	
1-3/4° @ 1932'	
1° @ 2237'	
1° @ 2614'	
1-3/4° @ 2925'	
1-1/2° @ 3238'	
1-3/4° @ 3705'	
1-3/4° @ 4050'	
1/2° @ 5005'	
3/4° @ 5500'	

Submitted by:

HANSON OPERATING COMPANY, INC.

Brenda R. Godfrey

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Production Analyst