

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-B355.8.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other <u>Injection well</u>				5. LEASE DESIGNATION AND SERIAL NO. <u>14-20-603-65</u>	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME <u>Navajo</u>	
2. NAME OF OPERATOR <u>Humble Oil & Refining Company</u>				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR <u>P. O. Box 120, Denver, Colorado 80201</u>				8. FARM OR LEASE NAME <u>Navajo Tribe of Indians</u>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* <u>At surface NE NE (1050' FNL, 1050' FEL) Section 5 (Unit Letter A)</u> <u>At top prod. interval reported below</u> <u>At total depth Same</u>				9. WELL NO. <u>7</u>	
14. PERMIT NO. <u>PMX-37</u>				DATE ISSUED <u>12-27-70</u>	
15. DATE SPUDDED <u>1-7-71</u>		16. DATE T.D. REACHED <u>1-13-71</u>		10. FIELD AND POOL OR WILDCAT <u>Horseshoe Gallup</u>	
17. DATE COMPL. (Ready to prod.) <u>1-19-71</u>		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* <u>5314' Gr</u>		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA <u>Sec. 5-31N-17W</u>	
20. TOTAL DEPTH, MD & TVD <u>1200'</u>		21. PLUG, BACK T.D., MD & TVD <u>1171'</u>		12. COUNTY OR PARISH <u>San Juan</u>	
22. IF MULTIPLE COMPL., HOW MANY* <u>-</u>		23. INTERVALS DRILLED <u>0</u>		13. STATE <u>New Mex.</u>	
24. PRODUCE INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* <u>Inj. 1129-32', 1135-48'</u>				19. ELEV. CASINGHEAD <u>5314'</u>	
26. TYPE ELECTRIC AND OTHER LOGS RUN <u>IEL, ALC-GR</u>				25. WAS DIRECTIONAL SURVEY MADE <u>No</u>	
27. WAS WELL CORED <u>No</u>				27. WAS WELL CORED <u>No</u>	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	AMOUNT PULLED	
<u>7"</u>	<u>20#</u>	<u>52' KB</u>	<u>9-7/8"</u>	<u>85 SX</u>	<u>None</u>
<u>3 1/2"</u>	<u>9.3#</u>	<u>1198' KB</u>	<u>6 1/4"</u>	<u>230 SX</u>	<u>None</u>
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
<u>None</u>					
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
31. PERFORATION RECORD (Interval, size and number)					
<u>1129-32' and 1135-48' w/2 SPF</u>					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED		
<u>1129-32' and 1135-48'</u>			<u>250 gals. acetic acid</u>		
33.* PRODUCTION					
DATE FIRST PRODUCTION <u>1-19-71</u>		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) <u>Water Injection Well</u>			WELL STATUS (Producing or shut-in) <u>Injecting</u>
DATE OF TEST <u>1-18-71</u>	HOURS TESTED <u>23</u>	CHOKE SIZE	PROD'N. FOR TEST PERIOD <u>See attachment.</u>	OIL—BBL.	GAS—MCF.
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)					
TEST WITNESSED BY					
35. LIST OF ATTACHMENTS <u>None - copies of logs furnished direct from Dresser Atlas, Farmington, N.M.</u>					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <u>J. Roy Dorrough</u>		TITLE <u>District Superintendent</u>		DATE <u>1-22-71</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 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.
No cores; no drill stem tests.			

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Gallup	1022'		
Tocito	1124'		
Sanastee	1156'		