

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R351.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☒ Other ☐				5. LEASE DESIGNATION AND SERIAL NO. A 4609	
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 H & S Oil Co.				7. UNIT AGREEMENT NAME —	
3. ADDRESS OF OPERATOR 1111 Commercial, New Security Bldg., Annapolis, Md.				8. FARM OR LEASE NAME Madarko	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1700' from the North and 1995' from West line of Section. At top prod. interval reported below Dry - Queen 3870 At total depth 4200				9. WELL NO. 11	
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT 1111	
15. DATE SPUNDED 3/30/72		16. DATE T.D. REACHED 4/1/72		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 21-10-32 N.M.P.M.	
17. DATE COMPL. (Ready to prod.) 4/1/72		18. ELEVATIONS (DF. REB, RT, GR, ETC.)* 3870		12. COUNTY OR PARISH —	
19. ELEV. CASINGHEAD —		20. TOTAL DEPTH, MD & TVD 4200		13. STATE —	
21. PLUG, BACK T.D., MD & TVD —		22. IF MULTIPLE COMPL., HOW MANY* —		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* none	
23. INTERVALS DRILLED BY —		ROTARY TOOLS —		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN Camm Ray Neutron				27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE 5 7/8	WEIGHT, LB./FT. 20	DEPTH SET (MD) 550	HOLE SIZE 13"	CEMENTING RECORD 440' was circulated	AMOUNT PULLED None
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
31. PERFORATION RECORD (Interval, size and number)					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED		
33.* PRODUCTION					
DATE FIRST PRODUCTION Dry		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.
			OIL GRAVITY-API (CORR.)		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)					TEST WITNESSED BY
35. LIST OF ATTACHMENTS					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED [Signature]		TITLE Partner		DATE 5/4/72	

*(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			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Oil Sand	0	1100	No Cement	Yates	2715	
Shale	1100	1310		Seven Rivers	3460	
Shale	1310	2315		Queen	3870	
Shale	2315	2365				
Shale	2365	2500				
Shale	2500	2715				
Shale	2715	3000				
Shale	3000	3700				
Shale	3700	3870				
Oil Sand	3870	4020				
Shale	4020	4105				
Shale	4105	4200				

RECEIVED

MAY 1972

OIL CONSERVATION COMM.
HOBBS, N. M.