

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____				5. LEASE DESIGNATION AND SERIAL NO. NM 14155	
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 BRUNSON & McKNIGHT, INC.				7. UNIT AGREEMENT NAME _____	
3. ADDRESS OF OPERATOR Box 297, Hobbs, New Mexico 88240				8. FARM OR LEASE NAME Hat Mesa	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FNL & 660' FEL At top prod. interval reported below _____ At total depth _____				9. WELL NO. 1	
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT Undesignated	
15. DATE SPUNDED 3/30/73				11. SEC. T.R. NO. OF BLOCK AND SURVEY 14-21S-32E R-4646	
16. DATE T.D. REACHED 6/17/73				12. COUNTY OR PARISH Lea	
17. DATE COMPL. (Ready to prod.) 7/4/73				13. STATE NM	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3924' KB				19. ELEV. CASINGHEAD 3911'	
20. TOTAL DEPTH, MD & TVD 14,476'		21. PLUG, BACK T.D., MD & TVD 14,176'		22. IF MULTIPLE COMPL., HOW MANY* _____	
23. INTERVALS DRILLED BY _____				ROTARY TOOLS 0 to 14,476'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Morrow sands 13,838' - 14,127'				25. WAS DIRECTIONAL SURVEY MADE? no	
26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Neutron, Formation Density, Microlaterolog-Microlog, Laterlog				27. WAS WELL CORRED 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"	61#	309'	17 1/4"	300 sx Class C + 2% CaCl ₂	none
9 5/8"	36# & 40#	5,678'	12 1/4"	2500 sx H-Lite+400 sx Class C	none
7 5/8"	26# & 29#	11,497'	8 1/2"	400 sx H-Lite+200 sx Class H	none
5 1/2"	17#	14,304'	6 1/2"	250 sx H-Lite+340 sx Class H+200 sx Class C	none
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD
7 5/8"	5,385'	11,497'	590 sx	none	SIZE 2 7/8" DEPTH SET (MD) 13,795' PACKER SET (MD) 13,795' wireline
5 1/2"	10,972'	14,304'	590 sx	none	
31. PERFORATION RECORD (Interval, size and number)					
13,838'-48'	.4" 20	14,077'-85'	.4" 16	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
13,911'-13'	.4" 4	14,091'-93'	.4" 4	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
13,917'-27'	.4" 20	14,117'-27'	.4" 20	13,838'-14,127'	5000 gal Western MS 7 1/2% HCl+N₂ + 212 ball sealers
13,933'-37'	.4" 8			13,838'-14,127'	15,000 gal Western MS 7 1/2% HCl + CO₂ + 250 ball sealers
14,058'-65'	.4" 14				
33.* PRODUCTION					
DATE FIRST PRODUCTION _____		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing		WELL STATUS (Producing or shut-in) shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.
7/25/73	4	various	7 cond.	567	0
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.
various	0	42	3401	0	51.4 @ 600
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) vented					TEST WITNESSED BY Nolan Brunson
35. LIST OF ATTACHMENTS Dual Laterolog, Microlaterolog-Microlog, Compensated Neutron-Formation Density, 2 copies form					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED _____		TITLE Operator		DATE 8/13/73	

*(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.	NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH				MEAS. DEPTH	TRUE VERT. DEPTH
U.S. CONSERVATION COMMISSION HUGHES, W. M. 1952-2-1073	0		1.550	Anhydrite, Redbeds	Strawn Morrow Barnett	13.055	
	1.550		3.200	Salt		13.747	
	3.200		3.600	Dolomite, Limestone		14.435	
	3.600		5.550	Limestone			
	5.550		8.700	Limestone, Shale, Anhydrite			
	8.700		11.200	Limestone, Shale, Sand			
	11.200		13.050	Shale, Limestone, Anhydrite			
	13.050		13.200	Limestone			
	13.200		13.745	Shale, Limestone			
	13.745		14.476	Sand, Limestone, Shale			

38.

GEOLOGIC MARKERS