

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 ☐		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other ☐
2. NAME OF OPERATOR SUPRON ENERGY CORPORATION						7. UNIT AGREEMENT NAME Helms Federal	
3. ADDRESS OF OPERATOR P.O. Box 808, Farmington, New Mexico 87401						8. WELL NO. 1-E	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 805 ft./N ; 790 ft./W line At top prod. interval reported below Same as above At total depth Same as above						10. FIELD AND POOL, OR WILDCAT Basin Dakota	
14. PERMIT NO. U. S. GEOLOGICAL SURVEY FARMINGTON, N. M.						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 22, T-30N, R-10W, NMPM	
15. DATE SPUDDED 5-28-81						12. COUNTY OR PARISH San Juan	
16. DATE T.D. REACHED 6-13-81						13. STATE New Mexico	
17. DATE COMPL. (Ready to prod.) 8-21-81						18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6288 R.K.B.	
20. TOTAL DEPTH, MD & TVD 7525 MD & TVD						19. ELEV. CASINGHEAD 6276	
21. PLUG, BACK T.D., MD & TVD 7449 MD & TVD						22. IF MULTIPLE COMPL., HOW MANY* ---	
23. INTERVALS DRILLED BY ---						24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7247 - 7369 Dakota (MD & TVD)	
25. WAS DIRECTIONAL SURVEY MADE No						26. TYPE ELECTRIC AND OTHER LOGS RUN Induction Electric and Compensated 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	
8-5/8"	24.00	273	12-1/4"	200 sacks			
4-1/2"	10.50	7525	7-7/8"	700 sacks			
29. LINER RECORD						30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"EUE	7320	
31. PERFORATION RECORD (Interval, size and number) 1 - 0.42" hole at each of the following depths: 7247, 48, 49, 55, 56, 59, 61, 62, 63, 65, 7338, 7340, 42, 44, 46, 47, 49, 51, 53, 55, 57, 59, 61, 67, 69 (for a total of 25 holes).				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
7247 - 7369				2000 gal. 7 1/2% NE HCL, 120,000 lb. of 20-40 sand, & 93,000 gal. 30 lb. cross-linked gel. All fluid contained 2% KCL & Biocide.			
33.* PRODUCTION				WELL STATUS (Producing or shut-in) Shut-In			
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.	WATER—BBL.	GAS-OIL RATIO
8-21-81	3	3/4"	→		297		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
193	675	→		2378			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented						TEST WITNESSED BY Bennie Brown	
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 Kenneth E. Roddy		TITLE Production Superintendent				DATE August 24, 1981	

*(See Instructions and Spaces for Additional Data on Reverse Side)

NMOCC

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
				Ojo Alamo	1600	
				Kirtland	1695	
				Fruitland	2485	
				Pictured Cliffs	2910	
				Chacra	3705	
				Cliff House	4480	
				Point Lookout	5190	
				Gallup	6405	
				Greenhorn (Base)	7200	
				Dakota	7245	