

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-7355.5.

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						7. UNIT AGREEMENT NAME									
Union Oil Company of California						8. FARM OR LEASE NAME									
3. ADDRESS OF OPERATOR						Navajo 119 1c 19									
P. O. Box 2620 - Casper, WY 82602						9. WELL NO.									
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*						4* Y									
At surface 1800' FSL & 790' FWL						10. FIELD AND POOL, OR WILDCAT									
At top prod. interval reported below						Basin Dakota									
At total depth Same						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA									
Same						Sec. 19, T.25N., R.10W.									
14. PERMIT NO.				DATE ISSUED											
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*		19. ELEV. CASINGHEAD							
9-25-78		10-5-78		10-17-78		6563' G.L.		Unknown							
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY		ROTARY TOOLS CABLE TOOLS							
6125'		6090' ETD		- - -		→ 0 - T.D.		- - -							
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*								25. WAS DIRECTIONAL SURVEY MADE							
5960-6030' - Jicarilla-Graneros								No							
26. TYPE ELECTRIC AND OTHER LOGS RUN								27. WAS WELL CORED							
GR Density w/Caliper Log								No							
29. 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#		743'		12-1/4"		500 sx.		- - -					
5-1/2"		15.5#		6,124'		7-7/8"		250 sx.		- - -					
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"		5,842'		5,835'	
31. PERFORATION RECORD (Interval, size and number)										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
Perfed 5965', 5991', 6002', 6005', 6009', 6013', 6016', 6021', and 6026' with 1 spf using 4" casing gun. (Nine 0.4" holes)										DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
										5965-6026'		Treated w/250 gals. perf acid & 15 ball sealers in 15 bbls. 5% KCl wtr. (CONT'D ON OTHER SIDE.)			
33.* PRODUCTION										34. DISPOSITION OF GAS (Solid, used for fuel, vented, etc.)					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)								WELL STATUS (Producing or shut-in)					
10-17-78		Flowing								Shut In					
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.		WATER—BBL.		GAS-OIL RATIO	
10-21-78		24		20/64"		→		0		800		74		N/A	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.		GAS—MCF.		WATER—BBL.		OIL GRAV. (CORR.)		TEST WITNESS	
425#		0		→		0		800		74		A		D. Billingson	
35. LIST OF ATTACHMENTS										36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
Waiting on gas connection.										DEC 19 1978					
SIGNED <u>Mr. R. G. Ladd, Jr.</u>										TITLE <u>District Drilling Supt.</u>		DATE <u>12-8-78</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.)

NOTE: Blowout Preventers tested daily in accordance with Union Oil Company policy and reported by Drilling Contractor.

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
Mesaverde	2282'	4098'	Sand - Shale - Coal - Water No DST's 32. (Continued from 1st page.) at 2 to 5 bpm at 1650# to 4000#. ISDP 1650#. 1400#/1. 1250#/3. 1150#/5. 950#/10. 550#/20. Sandfraced 5965-6026' w/89,000 gals Mini-Max II Frac Fluid w/3% KCl, 1 gal. Adomal, 5 gals. WKI, & 2 gals. FSF/1000 gals. frac fluid with 15,000# 100-mesh sand & 170,000# 20-40 sd. dwn. 5 1/2" csg. at 30-31 bpm at 3000-3300#. Displaced with 143 1/2 bbls. 9.4#/gal. brine wtr. ISDP 2000#. 1950#/1. 1800#/5. 1700#/10. 1650#/15.	Pictured Cliffs Cliff House Menefee Point Lookout Mancos Gallup Sanastee Greenhorn Graneros Jicarilla Graneros Sand Dakota Loggers' T.D.	1460' 2276' 2998' 3890' 4098' 4950' 5480' 5833' 5898' 5960' 5987' 6055' 6075'	