

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions 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 Union Oil Company of California							
3. ADDRESS OF OPERATOR P. O. Box 2620 - Casper, Wyoming 82601							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 783' FNL & 2310' FWL At top prod. interval reported below At total depth							
14. PERMIT NO.				DATE ISSUED		12. COUNTY OR PARISH Rio Arriba	
						13. STATE New Mexico	
15. DATE SPUDDED 9-1-73		16. DATE T.D. REACHED 10-4-73		17. DATE COMPL. (Ready to prod.) S.I. 4-3-74		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 7299' G.L.	
19. ELEV. CASINGHEAD 7299' G.L.		20. TOTAL DEPTH, MD & TVD 7700'		21. PLUG, BACK T.D., MD & TVD 7651'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY 0 - T.D.		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Niobrara - 7417-7552' (CONSIDER TEMP ADD.)		25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction, FDC, IES w/GR, SNP Logs with Caliper & Temp. Log.	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)		29. LINER RECORD		30. TUBING RECORD	
31. PERFORATION RECORD (Interval, size and number) 7530-7552' - 4/ft 7488-7504' - 1/ft 7476-7460' - 1/ft. 7450-7417' - 1 /ft		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 7530-7552' 7417-7504' 7417-7552'		AMOUNT AND KIND OF MATERIAL USED 1000 gals acid & 31,000# sd oil frac 1750 gals acid 194,000 gals SD-Oil Frac		33. PRODUCTION DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping to recover load oil WELL STATUS (Producing or shut-in) S.I.	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		35. TEST WITNESSED BY R. D. Cline		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		37. SIGNED: R. G. Ladd, Jr. TITLE District Drilling Supt. DATE 3-26-75	

*(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.)

Blowout Preventers tested daily in accordance with Union Oil Company Policy and reported by Drilling Contractor personnel on tour sheets.

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
			DST #1: 5740-76' (36') Point Lookout. IFP 15 mins, SI 30 mins, FFP 75 mins, FSI 150 mins. Opened tool w/strong blow. Gas to surface at 30 mins. into FF period. Rate 5000 cu. ft/day. Rec. 90' SGCM. Top Chart: IHP 2720#; IPFP (15) 378-184#; ISIP 611#; FFP (75) 77-75#; FSIP 980#; FHP 2720#. Temp. 144° F. Btm Chart: IHP 2724#; IPFP (15) 136-53#; ISIP 611#; FFP (75) 56-61#; FSIP 980#; FHP 2724#. C ₁ 3185 ppm; C ₂ 424 ppm; C ₃ 233 ppm; C ₄ 75 ppm; C ₅ 0 ppm.	Kirkland-Fruitland Pictured Cliffs Lewis Mesaverde(Cret) Mancos Leggett-TB	2665' 3470' 3290' 5171' 6030' 6722'	
			DST #2: 5779-5960' (181') Point Lookout. Opened tool for 15 mins. initial preflow w/weak blow incr. to strong blow in one min. and continued thruout flow period. Gas to surface in 15 mins. Shut in 1/2 hr, opened for 60 mins final flow period. w/strong gas blow gradually decr. to no blow at end of flow period. S.I. 120 mins. P.O.O.H. O.K. Rec. 130' very sl gas cut mud. IHP 2693#; ISIP (30) 558#; FSIP (120) 399# flat; IPFP 80-106#; FFP 53-80#; FHP 2693#. Bottom Hole Temp. 152°.	7417		