

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other in-  
structions on  
reverse side)

FORM APPROVED

Budget Bureau No. 1004-0137

Expires: August 31, 1985

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. RESVE. ☒ NEW COMPLETION ☐ OTHER \_\_\_\_\_

2. NAME OF OPERATOR

UNION OIL COMPANY OF CALIFORNIA

3. ADDRESS OF OPERATOR

P.O. BOX 850 - BLOOMFIELD, NM 87413

(505)632-1811 EXT 14

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At Surface 910' FSL & 1700' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.  
30-039-22646

DATE ISSUED

12. COUNTY OR  
PARISH  
RIO ARriba

13. STATE  
NM

15. DATE SPUDDED  
11/10/81

16. DATE T.D. REACHED  
11/15/81

17. DATE COMP. (Ready to prod)  
11/24/96

18. ELEVATION (DP, RKB, RT, GR, ECT.)\*  
6599' GR

19. ELEV. CASING HEAD  
6599'

20. TOTAL DEPTH, MD & TVD  
6591'

21. PLUG, BACK T.D., MD & TVD  
5570'

22. IF MULTIPLE COMPL.,  
HOW MANY  
3

23. INTERVALS  
DRILLED BY  
----->

ROTARY TOOLS  
0 - 5591'

CABLE TOOLS

24. PRODUCING INTERVAL(S) OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*

PICTURED CLIFF 2875' - 2965'

25. TYPE ELECTRIC AND OTHER LOGS RUN  
GR/NU for this completion

26. WAS DIRECTIONAL  
SURVEY MADE  
NO

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
9 5/8"	36#	217'	13 1/4"	224 cf	
7"	20#	3179'	8 3/4"	301 cf	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
4 1/2"	2983'	5589'	449 cf	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8"	5496'	3593'
1 1/4"	2915'	

31. PERFORATION RECORD (Interval, size and number)

2890' - 2910' @ 1 spf

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ECT.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIALS USED
2890' - 2910'	84,000 lb 20/40 Arizona Sand

33. \* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)				WELL STATUS (Producing or shut-in)	
New Completion		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL-BBL.	GAS-MCF.	WATER-BBL.	GAS-OIL RATIO
11/23/96	24 hr est.		----->	0	200 mcf	Load water	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS-MCF.	WATER-BBL.	OIL GRAVITY-API (CORF.)	
100	290 psi	----->	0	200 mcf	Load water		

34. DISPOSITION OF (Sold, used for fuel, vented, ect.)  
flared

TEST WITNESSED BY  
Steve Cortney

35. LIST OF ATTACHEMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

*Paul H. Lippert*

TITLE

Production Engineer

DATE

11/23/96

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

Title 18 U.S.C Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

PARKING DISTRICT OFFICE

NMOCD



UNOCAL  
Well History Report

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Well Name: RINCON-RINCON UNIT-#-223-A

11/9/96 DEVELOP PICTURED CLIFFS ZONE / DUAL COMPLETION W/MESAVERDE-CHACRA  
AFE 123345 - 5 $\frac{1}{2}$  WI  
-----  
MIRU AZTEC #376. KILLED WELL W/2 $\frac{3}{4}$  KCL WTR. PULLED TREE - INSTALLED BOP.  
TESTED BLIND RAMS & TBG RAMS TO 1000 PSI. HELD SAFETY MTG & PERFORMED RIG  
INSPECTION. POOH W/TBG & SDFN.

11/10/96 HELD SAFETY MTG. RU WL. RAN GR-JB & STOPPED @ 2,951'. POOH. TIH & SET RBP  
@ 2,941'. TIH & SPOTTED 10' SAND ON TOP OF RBP. TESTED CSG TO 500 PSI.  
PULLED TBG SPOOL & REPLACED W/NEW 11" x 7-1/16" 2M PSI SPOOL. TESTED  
PACK-OFF & FLANGE TO 1000 PSI. RETESTED BOP'S. TIH & PERF'D FROM  
2,890'-910' W/4" HEGS GUNS, 1 SPF. RD WL. SWI & SDFN.

NOTE: PULLED TBG HANGER SPOOL. 7" CSG CUT OFF TOO SHORT TO GET BOTH  
PACK-OFFS TO SEAL BUT TESTED GOOD TO 1000 PSI.

11/12/96 CHANGED PIPE RAMS TO 3-1/2" & TSTD TO 1000 PSI. MADE UP TEST TOOLS. RIH  
PICKING UP TBG. SET PKR @ 2835'. FILLED BACK SIDE. SWI & SDFN.

11/13/96 R/U DOWELL. TEST LINES TO 7000 PSI. HELD S.M. PUMPED 750 GAL 7-1/2 $\frac{3}{4}$  HCL  
W/42 BALLS. DID NOT GET BALL OUT. R/D DOWELL. RELEASE PACKER & RIH TO  
KNOCK BALLS OFF. PULLED BACK UP & SET PKR @ 2835'. FILLED BACK SIDE.  
DOWELL FAILED FRAC EQPT - TRANSPORT TRUCK & NITROGEN PUMPER DOWN. SDFN.

11/14/96 DROPPED FROM REPORT. WAITING ON D/S TO REPLACE ENGINE IN N2 PUMP TRUCK.  
FRAC IS SET UP FOR SUNDAY, 11/17/96. WILL START BACK UP WHEN D/S GETS PUMP  
TRUCK ENGINE REPLACED.

11/18/96 RESUMED OPERATIONS. RU D/S FRAC EQPT. FRAC PICTURE CLIFF 2890'-2910' W/70 Q  
FOAM & 84,000 LBS OF 20/40 ARIZONA SAND. RAMPED SAND FROM 1 PPG TO 4 PPG AVG  
26 BPM @ 1750 PSI. MAX PRESS 1860, DIS W/ 23-1/2 BBLs. PUMPED TOTAL OF  
94,000 LBS OF 20/40 ARIZONA SAND. ISIP 1400 PSI, 5 MIN 1290 PSI, 10 MIN 1260  
PSI, 15 MIN 1250 PSI. TOTAL LOAD FRAC 313 BLW. LOADED FROM ACID JOB 77 BW.  
TOTAL LOAD TO RECOVER FRAC & ACID JOB 390 BLW. SWI. RD FRAC LINES. HOOKED  
UP FL TO FLOW BACK TANK. OPENED WELL UP TO TANK, FLOWING FRAC BACK TO  
FLOWBACK TANK O.N.

11/19/96 PICTURE CLIFFS - 2890-2910'. FLOWED WELL TO TANK O.N. 7:00 AM FTP 450 PSI  
ON 1/8" POS CHOKE. CHANGED OUT CHOKE TO 1/4" POS CHOKE. FLOWED WELL TO TEST  
TANK REST OF DAY. @ 1700 HRS, FTP 320 PSI ON 1/4" POS CHOKE. WELL MAKING  
LOAD WATER AND GAS. LEFT WELL OPEN O.N. TLR - 40 OR 390 BLW. LLTR-350 BLW.

11/20/96 PICTURE CLIFF 2890-2910'. FLOWED WELL TO TEST TANK OVERNIGHT. FTP 320 PSI  
ON 1/4" POS CHOKE REC 74 BLW IN 14 HRS. WELL MAKING GAS. OPENED WELL UP ON  
FULL 2" FTP-100 PSI W/WELL MAKING WTR & SAND. PUMPED 30 BBL OF 2 $\frac{3}{4}$  KCL DOWN  
TBG. OPENED PKR BYPASS & EQUALIZED TBG & CSG. RLS PKR. POOH LD 3-1/2" TBG.  
CHANGED OUT HANDLING TOOLS. INSTALLED 2-3/8" PIPE RAMS. TIH W/NOTCHED  
COLLAR ON 2-3/8" TBG AND TAGGED SAND BRIDGE @ 2870'. HAD 5' SAND BRIDGE OVER  
PERFS THEN SCATTERED SAND TO 2940'. CLEANED OUT 30' OF FILL WHILE CIRC 1400  
SCFM OF AIR. PRESS WAS 1100 PSI AFTER CLEANING WELL UP FOR 2 HRS. PRESS  
DROPPED TO 250 PSI. POOH TO 2860'. HOOKED TBG UP TO FLOWLINE. OPENED TBG  
UP TO TEST TANK & LEFT OPEN O.N. ON 1/2" POS CHOKE. SDFN.

11/21/96 FLOWED WELL TO TEST TANK OVERNIGHT @ 150 PSI FTP & 250 PSI SICP ON 1/2" POS  
CHOKE. WELL MAKING GAS & SMALL AMT OF LOAD WTR. REC 4 BLW OVERNIGHT. TIH &  
CHECKED FOR FILL. HAD 40' SAND FILL OVERNIGHT. CLEANED UP W/AIR @ 1400 SCFM  
FOR 2 HRS. POOH W/NOTCHED COLLAR. PU RET HEAD & TIH. HOLE HAD 12' SAND ON  
TOP OF RBP. CLEANED SAND OFF RBP & PUMPED 25 BBLs 2 $\frac{3}{4}$  KCL WTR. ENGAGED RBP &  
POOH. LD RBP. PU EXPENDABLE CHECK, 1 JT TBG, & 2-3/8" STD SN. TIH W/2-3/8"  
TBG TO 2,866'. TR - 45 OF 140 BLW. SWI & SDFN.

11/22/96 14 HR SICP-400 PSI. BLEW WELL DOWN. TIH W/2-3/8" TBG & TAGGED SAND @ 5505'.  
HAD 45' OF SAND FILL. CLEANED OUT TO 5550' W/1400 SCFM OF AIR @ 600 TO 300  
PSI. PUMPED 5 BBLs SOAP SWEEPS EVERY HR. HAD AIR ON HOLE FOR 3 HRS. POOH  
W/2-3/8" TBG TO 1900'. P/U GUIBERSON 2-3/8" X 4-1/2" MODEL "G" PKR. TIH &  
COULDN'T GET PKR TO SET. POOH TO 1900' & L/D PKR. PKR WAS FULL OF SAND.  
SWI-SDFN.

070 FARMINGTON, NM

96 DEC 13 AM 11:57

RECEIVED  
BLM

UNOCAL  
Well History Report

Well Name: RINCON-RINCON UNIT-#-223-A

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11/23/96 HAD 400 PSI SICP AFTER 14 HRS. TIH W/2-3/8" TBG. TAGGED SAND FILL @ 5,510'. CLEANED OUT SAND W/AIR TO 5,550'. HAD AIR ON WELL FOR 8 HRS @ 1400 SCFM & 300-400 PSI. RAN 5 BBL SOAP SWEEPS EVERY HR. AT END OF DAY WELL WAS CLEANED UP, MAKING ALL GAS. POOH W/2-3/8" TBG TO 2,800'. LEFT WELL OPEN TO TT OVERNIGHT. SWI & SDFN.

11/24/96 FLOWED WELL TO TT OVERNIGHT. RECOVERED NO FLUID & WELL MAKING GAS. TIH W/TBG & TAGGED SAND @ 5,500'. HAD 50' OF FILL. PUT AIR ON WELL & CLEANED SAND OUT TO 5,550'. POOH W/2-3/8" TBG TO 1,900'. PU GUIBERSON 2-3/8" x 4-1/2" MODEL "G" PKR. RAN & LANDED 176 JTS (5,479') OF 2-3/8" 4.7# J-55 8RD TBG. SET PKR W/EOT @ 5,496', SN @ 5,463' & PKR @ 3,593'. PKR SET W/9M# COMP. CHANGED OUT HANDLING TOOLS & PIPE RAMS. INSTALLED 1.66" OFFSET RAMS & OFFSET SPOOL. RAN & LANDED 86 JTS (2,904') OF 1.66" 2.4# J-55 10RD EUE TBG W/SN @ 2,879'. FHD 2,915'. ND BOP & INSTALLED BPV IN BOTH STRINGS. TURNED OVER TO PROD DEPT 11/25/96. WILL INSTALL TREE NEXT WEEK.

2-3/8" TUBING DETAIL (LONG STRING)

0.85'		2-3/8" EX CHECK
31.00'	1	2-3/8" 4.7# J-55 8RD TBG
1.10'		2-3/8" SSN
1869.16'	60	2-3/8" TBG AS ABOVE
4.50'		2-3/8" x 4-1/2" GUIBERSON MODEL "G" PKR
3579.32'	115	2-3/8" TBG AS ABOVE
10.00'		BKDB
-----		
5495.93'		SETTING DEPTH

1.66" TUBING DETAIL (SHORT STRING)

0.75'		1.66" EX CHECK
34.62'	1	1.66" 2.4# J-55 10RD EUE TBG
0.90'		1.66" SN (1.062" ID)
2869.27'	85	1.66" TBG AS ABOVE
10.00'		BKDB
-----		
2915.54'		SETTING DEPTH

12/4/96 INSTALLED TREE & TESTED SEALS TO 2000 PSI. PULLED BPV ON SHORT STRING & LONG STRING. RU AIR ON LONG SIDE. PUMPED 2 BW & PRESSURED UP W/AIR. BLEW CHECK VALVE @ 900 PSI. RU ON SHORT SIDE. PUMPED 2 BW & UNABLE TO BLOW CHECK VALVE @ 1400 PSI. SDFN.

12/5/96 FILLED TBG ON SHORT SIDE W/WTR. RU AIR & PRESS UP TO 1450 PSI. UNABLE TO BLOW DISPOSABLE CHECK VALVE.

12/6/96 R/U PUMP TRUCK. BLEW OUT EXPENDABLE CHECK W/2200 PSI.