

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
Union Oil Company of California

3. Address and Telephone No.
3300 N. Butler, Suite 200, Farmington, NM 87401

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**1850' FSL, 2080' FEL
Sec. 28, T27N, R7W**

5. Lease Designation and Serial No.

SF 080213

6. If Indian, Allottee or Tribe Name

7. If Unit or CA. Agreement Designation

Rincon Unit

8. Well Name and No.

No. 227

9. API Well No.

30-039-21399

10. Field and Pool, or Exploratory Area

Basin Dakota

11. County or Parish, State

Rio Arriba, NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☒ Casing Repair
☐ Altering Casing
☐ Other _____
- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The casing leak was repaired on the subject well in April of 1992, as shown on the attached workover report.

RECEIVED

OCT 12 1993

NOV 10 1993

OCT 14 1993

NOV 10 1993

14. I hereby certify that the foregoing is true and correct

Signed

[Signature]
(This space for Federal or State office use)

Title

Field Superintendent

Date

10/01/93

Approved by

Conditions of approval, if any:

Title

Date

ACCEPTED FOR RECORD

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.

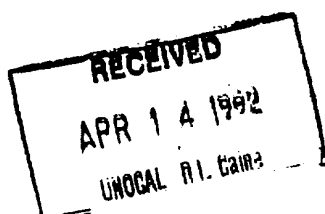
*See instruction on Reverse Side

NMOCD

FARMINGTON DISTRICT OFFICE
BY *[Signature]*

OCT 06 1993

UNOCAL
Rincon Unit #227
1850' FSL & 2080' FEL
Section 28, T27N, R7W
Rio Arriba County, New Mexico



Elevation 6616' GL
6626' KB

WORKOVER HISTORY

03-30-92 SITP 305 psi. SICP zero. Bled well down and finish moving in Flint Rig #1451. Moved in BOP and pit and set in equipment in muddy weather. Nipple down tree and nipple up BOP. Pulled up and packer was stuck. Removed donut and picked up 1 jt. tubing. Worked stuck pipe to 50k. Received 80 bbls 2% KCl water. Pumped in 44 bbls down tubing while working stuck pipe. After total of 3 hrs working pipe, came free. Drug to 50k for 4 stands and then freed up. Pulled total of 10 stands and shut in for night.

Daily Cost \$3493

Cum Cost \$3493

03-31-92 Well dead. Finish POOH with total of 241 jts tubing, Model "R" packer, Sn, & expendable check body. RIH with Baker Model "G" bridge plug (6.42'), retrieving head (3.92'), Baker retrievomatic packer (6.00') and 221 jts tubing (6816.88') and set bridge plug at 6834' KB. Set packer at 6771' and tested packer & bridge plug to 1000 psi, held. Isolated casing leak to be between 4633-61' KB. Leak is 1 1/2 bpm at 400 psi. Sent UNOCAL Model "R" packer into Baker shop. Pulled 10 stands tubing and SION.

Daily Cost \$4148

Cum Cost \$7641

04-01-92 Operations shut down due to mud.

04-02-92 Operations shut down due to mud.

04-03-92 Operations shut down due to mud.

04-04-92 SICP & TP zero. Finish trip out of hole with retrievomatic packer. RIH with Baker Fullbore packer (7.00'), and 137 jts 2 3/8" tubing (4215.04'), and set packer at 4228' KB. Fill backside with 8 bbls water and trap 1000 psi. Dump 5 gallons sand on bridge plug and follow with 5 bbls water. Rig up Western Company and establish rate of 2 bpm at 700 psi. Mix 150 sx Class "B" cement with 2% CC at 2 bpm, 15.6 ppg, at 300 psi to zero psi. Displaced with 20 bbls water at 1 1/2 bpm, 1 bpm, 1/2 bpm, and 0.3 bpm with final pump pressure 750 psi. Cement in place at 11:00 a.m. Hesitate cement over 1/2 hr and obtained 2000 psi squeeze pressure. Left well shut in with 2000 psi.

Rincon Unit #227

Daily Cost \$7428

Cum Cost \$15069

04-05-92 SITP 150 psi, SICP 820 psi. Bled pressure and released packer and POOH. Trip in hole with 3 7/8" bladed bit and bit sub (1.20') and 143 jts tubing (4411.55') and tag cement at 4405' KB. Drill good hard cement and fell free at 4665' KB. Circulated hole clean and pressure tested casing to 1020 psi, for 15 minutes, no bleed off. Continue in hole and tag fill on bridge plug at 6815' KB for 19' of fill. Reverse circulate hole clean to bridge plug at 6834' KB. Pulled 1 stand and shut in overnight.

Daily Cost \$2475

Cum Cost \$17544

04-06-92 Operations shut down for Well Control School

04-07-92 SICP & TP zero. POOH with bit. Trip in hole with retrieving head and tubing. Latch onto retrievable bridge plug at 6834' and POOH, recovering plug. Trip in hole with sawtooth collar (0.33'), 1 jt 2 3/8" tubing (31.00'), standard seating nipple (1.00'), and 242 jts 2 3/8" tubing (7466.26') and tag fill at 7473' KB. Establish circulation the long way and clean out to PBTD 7487' KB. Recovered shale, sand, and cement. Landed 241 jts tubing at 7447.59' KB. Seating nipple is at 7415' KB. Nipple down BOP and nipple up tree. Rig up to swab and shut in for night.

Daily Cost \$2375

Cum Cost \$19919

04-08-92 SICP & TP zero. Ran swab, IFL 3500'. Swabline was coming apart, shut down 6 1/2 hrs to splice line. For day made 6 runs and recovered 20 BW, FFL 5500', Final CP zero. Shut in for night.

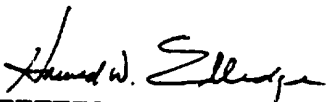
Daily Cost \$1427

Cum Cost \$21346

04-09-92 SICP & TP zero. In 3 1/2 hrs, made 7 swab runs and recovered 23 BW. IFL 5300', FFL 7000', Final CP 120 psi. Rig down and move to Rincon Unit #35.

Daily Cost \$950

Cum Cost \$22296



Harold W. Elledge
Petroleum Engineer

Joe Tally

Rincon Unit #227

Unocal

2 3/8" tubing

4/9/92

Jt.	Length	CUM	Jt.	Length	CUM	Jt.	Length	CUM	Jt.	Length	CUM	Jt.	Length	CUM
1	61.00	61.00	51	62.20	3109.23	101	61.00	6200.50	151	7436.26	201	7436.26	251	7436.26
2	60.10	91.10	52	61.25	3170.48	102	62.82	6263.32	152	7436.26	202	7436.26	252	7436.26
3	62.60	153.70	53	61.10	3231.58	103	62.68	6326.00	153	7436.26	203	7436.26	253	7436.26
4	61.38	215.08	54	61.83	3293.41	104	62.76	6388.76	154	7436.26	204	7436.26	254	7436.26
5	60.65	275.73	55	60.70	3354.11	105	61.56	6450.32	155	7436.26	205	7436.26	255	7436.26
6	62.25	337.98	56	60.77	3414.88	106	61.61	6511.93	156	7436.26	206	7436.26	256	7436.26
7	61.55	399.53	57	61.20	3476.08	107	61.33	6573.26	157	7436.26	207	7436.26	257	7436.26
8	62.38	461.91	58	62.32	3538.41	108	60.10	6633.36	158	7436.26	208	7436.26	258	7436.26
9	60.95	521.86	59	61.30	3599.71	109	61.20	6694.56	159	7436.26	209	7436.26	259	7436.26
10	61.52	583.48	60	62.52	3662.23	110	61.52	6756.08	160	7436.26	210	7436.26	260	7436.26
11	62.55	646.03	61	60.61	3722.84	111	63.00	6819.08	161	7436.26	211	7436.26	261	7436.26
12	61.30	707.33	62	62.10	3784.94	112	62.02	6881.10	162	7436.26	212	7436.26	262	7436.26
13	62.08	769.41	63	61.31	3846.25	113	61.20	6942.30	163	7436.26	213	7436.26	263	7436.26
14	61.17	830.58	64	62.45	3908.70	114	62.65	7004.95	164	7436.26	214	7436.26	264	7436.26
15	61.28	891.86	65	61.56	3970.26	115	62.13	7067.08	165	7436.26	215	7436.26	265	7436.26
16	62.26	954.12	66	60.21	4030.47	116	62.80	7129.88	166	7436.26	216	7436.26	266	7436.26
17	62.45	1016.57	67	62.10	4092.57	117	61.85	7191.73	167	7436.26	217	7436.26	267	7436.26
18	61.36	1077.93	68	61.42	4153.99	118	60.90	7252.63	168	7436.26	218	7436.26	268	7436.26
19	60.53	1138.46	69	61.05	4215.04	119	61.66	7314.29	169	7436.26	219	7436.26	269	7436.26
20	60.58	1199.04	70	61.93	4276.97	120	60.57	7374.86	170	7436.26	220	7436.26	270	7436.26
21	60.55	1259.59	71	61.00	4337.97	121	61.40	7436.26	171	7436.26	221	7436.26	271	7436.26
22	61.35	1320.94	72	61.32	4399.29	122		7436.26	172	7436.26	222	7436.26	272	7436.26
23	61.16	1382.10	73	61.62	4460.91	123		7436.26	173	7436.26	223	7436.26	273	7436.26
24	60.20	1442.30	74	61.40	4522.31	124		7436.26	174	7436.26	224	7436.26	274	7436.26
25	62.35	1504.65	75	64.65	4586.96	125		7436.26	175	7436.26	225	7436.26	275	7436.26
26	63.31	1567.96	76	61.90	4648.86	126		7436.26	176	7436.26	226	7436.26	276	7436.26
27	60.97	1628.93	77	61.22	4710.08	127		7436.26	177	7436.26	227	7436.26	277	7436.26
28	60.05	1688.98	78	60.96	4771.04	128		7436.26	178	7436.26	228	7436.26	278	7436.26
29	61.12	1750.10	79	62.55	4833.59	129		7436.26	179	7436.26	229	7436.26	279	7436.26
30	59.70	1809.80	80	61.70	4895.29	130		7436.26	180	7436.26	230	7436.26	280	7436.26
31	62.15	1871.95	81	62.40	4957.69	131		7436.26	181	7436.26	231	7436.26	281	7436.26
32	61.78	1933.73	82	62.90	5020.59	132		7436.26	182	7436.26	232	7436.26	282	7436.26
33	61.75	1995.48	83	61.20	5081.79	133		7436.26	183	7436.26	233	7436.26	283	7436.26
34	62.36	2057.84	84	62.36	5144.15	134		7436.26	184	7436.26	234	7436.26	284	7436.26
35	61.96	2119.80	85	62.42	5206.57	135		7436.26	185	7436.26	235	7436.26	285	7436.26
36	62.35	2182.15	86	62.30	5268.87	136		7436.26	186	7436.26	236	7436.26	286	7436.26
37	62.45	2244.60	87	61.96	5329.93	137		7436.26	187	7436.26	237	7436.26	287	7436.26
38	62.94	2306.64	88	62.31	5392.24	138		7436.26	188	7436.26	238	7436.26	288	7436.26
39	61.90	2368.54	89	62.00	5454.24	139		7436.26	189	7436.26	239	7436.26	289	7436.26
40	62.00	2430.54	90	62.00	5516.24	140		7436.26	190	7436.26	240	7436.26	290	7436.26
41	62.35	2492.89	91	62.65	5578.89	141		7436.26	191	7436.26	241	7436.26	291	7436.26
42	62.52	2555.41	92	61.53	5640.42	142		7436.26	192	7436.26	242	7436.26	292	7436.26
43	61.43	2616.84	93	62.30	5702.72	143		7436.26	193	7436.26	243	7436.26	293	7436.26
44	61.40	2678.24	94	61.75	5764.48	144		7436.26	194	7436.26	244	7436.26	294	7436.26
45	62.05	2740.29	95	62.83	5827.31	145		7436.26	195	7436.26	245	7436.26	295	7436.26
46	60.31	2800.60	96	62.76	5890.07	146		7436.26	196	7436.26	246	7436.26	296	7436.26
47	62.15	2862.75	97	62.80	5952.87	147		7436.26	197	7436.26	247	7436.26	297	7436.26
48	61.60	2924.35	98	61.43	6014.30	148		7436.26	198	7436.26	248	7436.26	298	7436.26
49	62.38	2986.73	99	63.17	6077.47	149		7436.26	199	7436.26	249	7436.26	299	7436.26
50	60.30	3047.03	100	62.83	6139.50	150		7436.26	200	7436.26	250	7436.26	300	7436.26
613947.93			3092.47			1296.76			0.00		0.00		0.00	
613947.03			6139.50			7436.26			7436.26		7436.26		7436.26	

landed 241 jts tubing with notched collar on bottom at 7447.59' KB
 Standard seating nipple is 1 joint up from bottom and is at 7415' KB.