

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	6. LEASE DESIGNATION AND SERIAL NO. Jicarilla 511 30-039-21036
2. NAME OF OPERATOR Union Oil Company of California	7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR P. O. Box 671 Midland, TX 79702	8. FARM OR LEASE NAME Jicarilla
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 577' FSL & 2303' FWL	9. WELL NO. 1-N31
5. PERMIT NO.	10. FIELD AND POOL, OR WILDCAT Wildcat
15. ELEVATIONS (Show whether OF, RT, GR, etc.) 7442' GL	11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA Sec. 31, T-30-N, R-1-W
	12. COUNTY OR PARISH 13. STATE Rio Arriba New Mexico

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

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

17. 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.)

See Attached Procedure.

RECEIVED
NOV 23 1990
OIL CON. DIV.
(DIST. 3)

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

I hereby certify that the foregoing is true and correct

SIGNED Mike C. Phillips

TITLE Region Drilling Technician

DATE 10-18-90

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

RECORDED

*See Instructions on Reverse Side

APPROVED

NOV 16 1990

NEW TOWN

FOR AREA MANAGER
FARMINGTON RESERVE

Engineering _____
Dist. Engineer _____
Drilling Eng _____
Dist Drlg Supt _____

UNION OIL COMPANY OF CALIFORNIA
SOUTHWESTERN REGION
FARMINGTON DISTRICT
CONDITION OF HOLE & PROCEDURE

DATE: 10-19-90

FIELD: POUNDS MILL PROSPECT

AREA: FARMINGTON

LSE/UNIT: JICARILLA

WELL NO. 1-N3

REASON FOR WORK: TO PLUG & ABANDON

RECEIVED

NOV 23 1990

OIL CON. DIV.]
DIST. 3

CONDITION OF HOLE:

TOTAL DEPTH: 7029' **ETD or** **Drillers'**
PBTD: 6580' **DATUM IS** 14' **ABOVE:** G.L.

CASING RECORD: 13-3/8" 48# H-40- @ 400'. Cmt Circ.
7-5/8" 26.4# N-80 @ 6152'. TOC by calc 3990'. (60% FU)
5-1/2" Liner 17# N-80 (5888-7029'). Cmt circ.

PERFORATIONS: Niobrara: 6824-6930', CIBP @ 6790'
6598-6674', CIBP @ 6580'
6510-7531'

TUBING DETAIL: 201 jts + 2 subs (6280.95') 2-7/8" 6.5# J-55 8rd EUE @
6294.56' w/Baker Model "R" 5-1/2" pkr @ 6284' & SN @ 6283'.

ROD & PUMP DETAIL: None

REGULATORY AGENCY REQUIREMENTS: Notify Bureau of Land Management prior to rigging up. Sundry Notice.

PROCEDURE:

1. MIRU DDPU. ND WH. NU BOP & tst.
2. Press tst 2-7/8" x 7-5/8" annulus to 500#. Drop standing valve in SN @ 6283' & press tst tbg to 1000#. Retrieve valve.
3. RU & estab PIR beneath pkr & into perfs @ 6510-31'. Cmt sqz same w/30 sxs Class "C". Pull tbg up to unset pkr & rvse circ hole w/10 ppg salt gel. TOH.
4. TIH OE'd w/ 2-7/8" tbg to 6202'. Spot 70 sxs Class "C" balanced cmt plug. Plug #2: (5800-6202').
5. PUH to 5200'. Spot 60 sxs Class "C" balanced cmt plug. Plug #3: (5000-5200'). TOH.
6. RU & RIH w/perf gun on WL & perf @ 2898'. POOH.
7. TIH OE'd w/ 2-7/8" tbg to 2898'. SI pipe rams & estab PIR into perfs. Spot 100 sxs Class "C" balanced cmt plug. PUH out of cmt & sqz into perfs. Plug #4: (2700-2898'). SD WOC 3 hrs.
8. TIH & tag TOC. Spot addl cmt if needed. TOH.
9. RU & RIH w/perf gun on WL & perf @ 2632'. POOH.

Condition of Hole & Procedure

(10-19-90)

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10. TIH OE'd w/ 2-7/8" tbg to 2632'. SI pipe rams & estab PIR into perfs. Spct 50 sxs Class "C" balanced cmt plug. PUH out of cmt & sqz into perfs. Plug #5 (2532-2632'). SD WOC 3 hrs.
11. TIH & tag TOC. Spot addl cmt if needed. TOH.
12. RU & RIH w/perf gun on WL & perf 7-5/8" @ 450'. POOH.
13. RU & brk circ dwn 7-5/8" csg thru perfs @ 450' & up 13-3/8" x 7-5/8" annulus. Cmt same w/300 sxs Class "C". Plug #6: (surf-400').
14. ND BOP. RD MO DDP. Cut-off WH. Weld on P&A plate. Install dry hole marker per BLM regulations.
15. Fill pit, clean loc, cut-off anchors. Re-seed loc.

UNOCAL 76

Before Plug + Abandonement

PREPARED BY

MCP

CHECKED BY

DATE

10-17-90

PAGE

1 OF 2

SUBJECT

Pounds Mill Prospect, Tlacarcilla 1-N31

WQA FE NO

Location: 577' FNL + 2303' FWL
 Sec. 31, T-30-N
 R-1-W, Rio Arriba
 County, N. Mexico

13 ³/₈" 48" H-40 @ 400'
 (cmt circ)

Formation Tops

Nacimiento' Surf	2582
Ojo Alamo	2582-2768'
Kirtland/Fruitland	2760'
Pictured Cliff	2848'
Mesa Verde	5144'
Niobrara	6426'
Total Depth	7030'

TOC @ 3990' 60% FU

7 ⁵/₈" 26.4" N-80 @ 6152'
 cmt w/ 600sx (.2649)(.2148)

201jts + 2subs (6280.95) 2 ⁷/₈" 6.5" J-55 3rd at 6294.95
 w/ BAKER 5 ¹/₂" Model "R" PKR @ 6284. (.00579)
 Perfs 6510-6531

Perfs 6598-6674

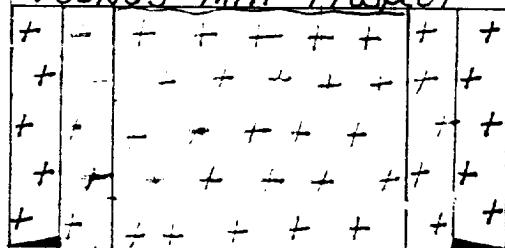
Perfs 6824-6930

5 ¹/₂" 17" N-80 (5888-7029') (cmt circ)
 (.1305) (.0835) (.0232)

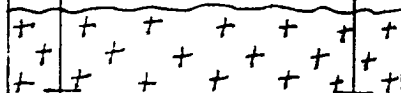
UNOCAL 76

After P+A

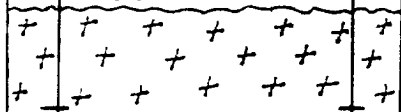
PREPARED BY MCP	CHECKED BY	DATE 10-17-90	PAGE OF
SUBJECT Pounds Mill Prospect Jicarilla 1-N31		W O / A F E NO	



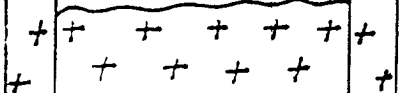
10" MLF



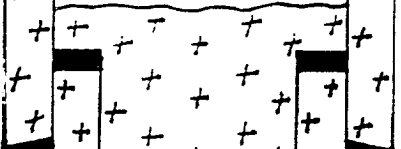
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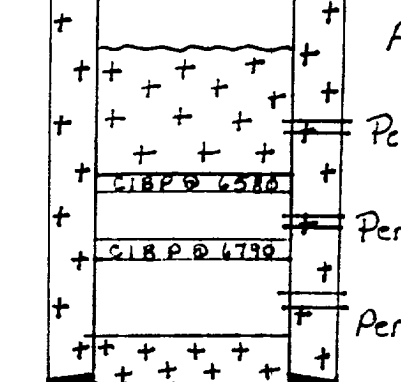
10" MLF



10" MLF



10" MLF



Plug #6: 300sx Class "C" Squeezed thru perfs @ 450' + up 7⁵/₈" x 13⁵/₈" ANNULUS. Circulate. (Surf-450'). 13⁵/₈" shoe

Plug #5: 50sx Class "C" Squeezed thru perfs @ 2632'. Cmt inside 7⁵/₈", displaced to 2532'. Plug #5: (2532-2632'). Qjo Alamo Top.

Plug #4: 100sx Class "C" Squeezed thru perfs @ 2898'. Cmt inside 7⁵/₈", displaced to 2700'. TOC 3990' Plug #4: (2700-2898). Pictured Cliff Top Kirtland Top

Plug #3: Spot 60sx Class "C" balanced cmt plug @ 5200'.

Plug #3: (5000-5200') Mesa Verde Top

Plug #2: Spot 70sx Class "C" balanced cmt plug @ 6202'.

Plug #2: (5800-6202'). 7⁵/₈" shoe + 5¹/₂" Top

Plug #1: Squeeze 30sx Class "C" under MdI "R" pkr + into perfs @ 6510-31'. Displace w/ 38bbls FW.

Perfs 6510-6531' Plug #1: (6370-6531). Niobrara Top

Perfs 6598-6674'

Perfs 6824-6930'

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA
1235 LA PLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401

Attachment to Notice of

Re: Permanent Abandonment

Intention to Abandon

Well: 1-N31-Jacinto

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal Leases."
2. Mark Kelly with the Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 326-6201.
3. Blowout prevention equipment is required.
4. The following modifications to your plugging program are to be made (when applicable):

Office Hours: 7:45 a.m. to 4:30 p.m.

GENERAL REQUIREMENTS FOR
PERMANENT ABANDONMENT OF WELLS ON FEDERAL AND INDIAN LEASES
FARMINGTON RESOURCE AREA

1. Secure prior approval either on a Sundry Notice (Form 3160-5) or verbally from the Fluids Drilling & Production Section at this office before changing the approved plugging program.

2. Plugging equipment used shall have separate mixing and displacement pumps and a calibrated tank to assure proper displacement of plugs. The Operator is responsible for providing all measuring devices needed to assure proper measurement of materials being used.

3. A proper tank or pit will be used to contain all fluids pumped from the well during plugging operations. Unattended pits are to be fenced.

4. All cement plugs are to be placed through tubing (or drillpipe) and shall be a minimum of 100 feet in length with 50% excess inside casing or 100% excess when plug is set in open hole or squeezed into perforations. 15.6#/gal slurry weight is to be used when using class B neat cement or when CaCl_2 is used. Use the recommended slurry weight of other type cements when they are used (Class C, Pozzolan etc.).

5. Any cement plugs placed when well is not full of fluid, or when well may be taking fluid, (i.e. across perfs-unless bridge plug or retainer is used, across bad csg., or fresh water formations) will be tagged (touched) after cement has set to verify proper location.

5a. Testing The first plug below the surface plug shall generally be tested by either tagging the plug with the working pipe string, or pressuring to a minimum pump (surface) pressure of 1000 psig, with no more than a 10 percent drop during a 15-minute period (cased hole only). If the integrity of any other plug is questioned, it must be tested in the same manner. Also, any cement plug which is the only isolating medium for a fresh water interval or a zone containing a valuable mineral deposit should be tested by tagging with the drill string.

6. Mud must be placed between plugs. Plugging mud is to be made up with a minimum of 15 lbs/bbl of sodium bentonite, and a nonfermenting polymer. Minimum consistency of plugging mud must be 9 lbs/gal and with a minimum viscosity of 50 sec/qt. Fresh water is to be utilized for mixing mud.

7. Following the placement of a cement plug, the withdrawal rate for at least the length of the cement plug shall not exceed 30 ft/min, in order to minimize the contamination of the plug.

8. Within 30 days after plugging work is completed, file a Sundry Notice (Subsequent Report of Abandonment, Form 3160-5), in quintuplicate with Area Manager, Bureau of Land Management, 1235 La Plata Highway, Farmington, NM 87401. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date well was plugged.

9. All permanently abandoned wells are to be marked with a regulation marker (4" pipe extending 4' above the ground line) containing the information as specified in 43 CFR 3162.6(d). Unless otherwise approved.

10. After plugging work is completed the surface is to be rehabilitated in accord with instructions from the Fluids Surface Management Section of the Farmington Resource Area Office.

All above are minimum requirements. The period of liability under the bond of record will not be terminated until the lease is inspected and surface work approved.

Please advise this office when the well location is ready for final inspection.

Failure to comply with the above conditions of approval may result in an assessment for noncompliance and/or a Shut-in Order being issued pursuant to 43 CFR 3163.1.

You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to administrative review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.