

Submit to Appropriate
District Office
State Lease -- 6 copies
Fee Lease -- 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

API NO. (assigned by OCD on New Wells)	<u>30-039-24739</u>
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	<u>Johnston A</u>
7. Lease Name or Unit Agreement Name	
<u>Johnston A</u>	
8. Well No.	<u>16</u> <u>E/320</u>
9. Pool name or Wildcat	<u>Basin Fruitland Coal</u>
10. Proposed Depth	
<u>3228'</u>	
11. Formation	<u>Fruitland Coal</u>
12. Rotary or C.T.	<u>Rotary</u>
13. Elevations (Show whether DF, RT, GR, etc.)	<u>6598' GR</u>
14. Kind & Status Plug Bond	<u>Current N.W.</u>
15. Drilling Contractor	<u>Arapahoe</u>
16. Approx. Date Work will start	<u>Spring, 1990</u>

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK					
1a. Type of Work:					
DRILL <input checked="" type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>					
b. Type of Well:					
OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>					
SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>					
2. Name of Operator					
<u>Union Oil Company of California</u>					
3. Address of Operator					
<u>P.O. Box 2074, Farmington, N.M. 87401</u>					
4. Well Location					
Unit Letter <u>A</u> : <u>790</u> Feet From The <u>North</u> Line and <u>790</u> Feet From The <u>East</u> Line					
Section <u>36</u> Township <u>27N</u> Range <u>6W</u> NMPM <u>Rio Arriba</u> County					
10. Proposed Depth					
<u>3228'</u>					
11. Formation					
<u>Fruitland Coal</u>					
12. Rotary or C.T.					
<u>Rotary</u>					
13. Elevations (Show whether DF, RT, GR, etc.)					
<u>6598' GR</u>					
14. Kind & Status Plug Bond					
<u>Current N.W.</u>					
15. Drilling Contractor					
<u>Arapahoe</u>					
16. Approx. Date Work will start					
<u>Spring, 1990</u>					
17. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
<u>12 1/4"</u>	<u>8 5/8"</u>	<u>24.0#</u>	<u>225'</u>	<u>175 sacks</u>	<u>surface</u>
<u>7 7/8"</u>	<u>4 1/2"</u>	<u>10.5#</u>	<u>T.D. 3228'</u>	<u>410 sacks</u>	<u>surface</u>

PROPOSED DRILLING PROGRAM

MIRU. Drill 12-1/4" hole with spud mud to 225'. Survey. Rig up and run casing and cement. WOC @ 18 hours. NUBOP, choke, and kill line (2000#) and test same plus casing. Drill out with 7-7/8" hole from 225' to T.D. with fresh water mud. Run surveys @ 500' intervals or first bit trip succeeding 500'. At T.D. log with DISFL, GR, SP, FDC, CNL-GR. Run and cement casing. RDMOL.

APPROVAL EXPIRES 11-3-90
UNLESS DRILLING IS COMMENCED.
SPUD NOTICE MUST BE SUBMITTED

RECEIVED
MAY 02 1990
OIL CON. DIV.
DIST. 3

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM. IF PROPOSED TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: Chris Russell TITLE: Agent DATE: 4/26/90
TYPE OR PRINT NAME: CHRIS RUSSELL TELEPHONE NO: 325-8786

(This space for State Use)

APPROVED BY: Emmie Bruch TITLE: DEPUTY OIL & GAS INSPECTOR, DIST. 3 DATE: MAY 03 1990
CONDITIONS OF APPROVAL, IF ANY:

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

OIL CONSERVATION DIVISION

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Santa Fe, New Mexico 87504-2088

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WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator UNION OIL CO. OF CALIFORNIA			Lease JOHNSTON A		Well No. 16
Unit Letter A	Section 36	Township T.27 N.	Range R.6 W.	County RIO ARriba COUNTY	
Actual Footage Location of Well: 790 feet from the NORTH line and 790 feet from the EAST line					
Ground level Elev. 6598	Producing Formation FRUITLAND COAL		Pool BASIN FRUITLAND COAL	Dedicated Acreage: 320 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?
☐ Yes ☐ No If answer is "yes" type of consolidation _____
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature

Printed Name

Chris Russell

Position

AGENT

Company

UNOCAL

Date

5-1-90

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

APRIL 1990

Signature & Seal of
Professional Surveyor

R. HOWARD DAGGETT

Certificate No.

Registered Professional
Land Surveyor

RECEIVED

MAY 02 1990

OIL CON. DIV
DIST. 3

SEC. 36

N 88-46 W

5277.36'

790'

790'

2629.44'

N 00-46 E

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0