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LAND OFFICE		
TRANSPORTER	OIL	
	GAS	
OPERATOR		
PRORATION OFFICE		

NEW MEXICO OIL CONSERVATION COMMISSION  
REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS  
RECEIVED

Form C-104  
Supersedes Old C-104 and C-110  
Effective 1-1-65

DEC 3 1980

I. Operator **Union Oil Company of California** **O. C. D.**  
**ARTESIA OFFICE**  
Address **P. O. Box 671 - Midland, Texas 79702**  
Reason(s) for filing (Check proper box)  
New Well ☒ Change in Transporter of:  
Recompletion ☐ Oil ☐ Dry Gas ☐  
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☐  
Other (Please explain)  
**CASINGHEAD GAS MUST NOT BE  
FLARED AFTER 2-1-81  
UNLESS AN EXCEPTION TO Rule 306  
IS OBTAINED**  
If change of ownership give name  
and address of previous owner **Ex # 2-530 Until further notice**

II. DESCRIPTION OF WELL AND LEASE

Lease Name <b>Federal "AJ"</b>	Well No. <b>1</b>	Pool Name, Including Formation <b>Undesignated (Esperanza Delaware)</b>	Kind of Lease State, Federal or Fee <b>Federal</b>	Lease No. <b>NM- 0454018</b>
Location Unit Letter <b>G</b> ; <b>1650</b> Feet From The <b>North</b> Line and <b>2310</b> Feet From The <b>East</b> Line of Section <b>10</b> Township <b>22 South</b> Range <b>27 East</b> , NMPM, <b>Eddy</b> County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/> <b>Navajo Crude Oil Purchasing Company</b>	Address (Give address to which approved copy of this form is to be sent) <b>P. O. Box 159 - Artesia, New Mexico 88210</b>	
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> <b>None</b>	Address (Give address to which approved copy of this form is to be sent)	
If well produces oil or liquids, give location of tanks.	Unit <b>G</b>	Sec. <b>10</b>
	Twp. <b>22-S</b>	Rge. <b>27-E</b>
	Is gas actually connected? <b>No</b>	
	When	

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well <input checked="" type="checkbox"/>	Gas Well	New Well <input checked="" type="checkbox"/>	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded <b>Oct. 20, 1980</b>	Date Compl. Ready to Prod. <b>Nov. 11, 1980</b>	Total Depth <b>4,500'</b>	P.B.T.D. <b>4,454'</b>					
Elevations (DF, RKB, RT, GR, etc.) <b>3110' GR.</b>	Name of Producing Formation <b>Lower Tracy Sand</b>	Top Oil/Gas Pay <b>3,417'</b>	Tubing Depth <b>3,617'</b>					
Perforations <b>3,417' and 3,420'</b>	Depth Casing Shoe <b>4,500'</b>							
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					
<b>11"</b>	<b>8-5/8" OD</b>	<b>475'</b>	<b>350 sx Circul. to surface</b>					
<b>7-7/8"</b>	<b>5-1/2" OD</b>	<b>4,500'</b>	<b>400 sx T.O.C. 2,080'</b>					

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks <b>Nov. 14, 1980</b>	Date of Test <b>Nov. 23, 1980</b>	Producing Method (Flow, pump, gas lift, etc.) <b>Pumping</b>	
Length of Test <b>24 Hours</b>	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls. <b>75</b>	Water - Bbls. <b>5</b>	Gas - MCF <b>8</b>

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

**E. C. Stangle**  
Acting District Production Superintendent  
November 26, 1980

OIL CONSERVATION COMMISSION

APPROVED **DEC 4 1980**  
BY **W. A. Gussert**  
TITLE **SUPERVISOR, DISTRICT II**

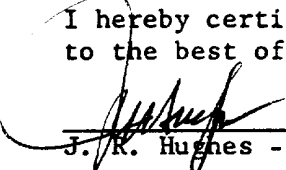
This form is to be filled in compliance with RULE 1104.  
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.  
All sections of this form must be filled out completely for allowable on new and recompleted wells.  
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter or other such change of condition.  
Separate Form C-104 must be filed for each pool in multiply completed wells.

OPERATOR: Union Oil Company of California ✓  
LEASE: Federal "AJ"  
WELL NO.: 1  
POOL: ~~Undersiged~~ (Esperanza Delaware)  
LOCATION: Unit Letter G, Section 10,  
Township 22 South, Range 27 East,  
Eddy County, New Mexico

DEVIATION TESTS

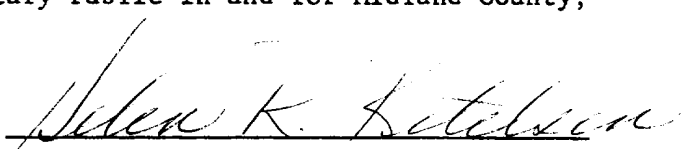
<u>DEPTH</u>	<u>DEGREES</u>
475'	3/4
694'	1
913'	1-1/4
1,228'	2
1,449'	3-1/4
1,543'	4
1,572'	3-3/4
1,669'	3
1,794'	2-1/2
1,983'	2-1/2
2,299'	2
2,614'	1-1/2
3,181'	1
3,685'	1
4,391'	1/4
4,500'	3/4

I hereby certify that all deviation tests set forth above are true and correct to the best of my knowledge.

  
J. R. Hughes - District Drilling Supt.

for: Union Oil Company of California

Subscribed and sworn to before me, a Notary Public in and for Midland County, Texas, this 1st day of December, 1980.

  
My Commission Expires 11-30-84