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PRODUCTION OFFICE		

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

Form C-104
Supersedes Old C-104 and C-111
Effective 1-1-85

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MAY 23 1983

O. C. D.
ARTESIA, OFFICE

I. OPERATOR

Operator Union Oil Company of California

Address P. O. Box 671 Midland, Texas 79702

Reason(s) for filing (Check proper box) To add gatherer of Casinghead Gas

New Well ☐ Change in Transporter of: Oil ☐ Dry Gas ☐
Recompletion ☐ Casinghead Gas ☐ Condensate ☐
Change in Ownership ☐

If change of ownership give name and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name Wersell Federal Com	Well No. 1	Pool Name, including Formation Esperanza Delaware	Kind of Lease State, Federal or Fee Federal	Lease No. 0454018
Location Unit Letter C ; 810 Feet From The North Line and 1980 Feet From The West Line of Section 4 Township 22 South Range 27 East , NMPM, Eddy 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"/> Navajo Crude Oil Purchasing Company	Address (Give address to which approved copy of this form is to be sent) P. O. Box 159 Artesia New Mexico 88210
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> Llano, Inc.	Address (Give address to which approved copy of this form is to be sent) P. O. Drawer 1320 Hobbs, New Mexico 88240
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When C 4 22-S 27-E Yes April 6, 1983

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	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth					
Perforations	Depth Casing Shoe							
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					

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	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, 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.

Lon H. Pardue **Lon H. Pardue**
(Signature)
District Production Superintendent
(Title)
May 19 1983
(Date)

OIL CONSERVATION COMMISSION
MAY 25 1983
APPROVED _____, 19____
BY M. H. Wilkerson
TITLE OIL AND GAS INSPECTOR

This form is to be filed 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 Forms C-104 must be filed for each pool in multiply completed wells.

LEASE 0454018

Wersell Federal Com

Well No. 1

- 11 - Perf & test the following intervals separately using strd. assy.
 - a - spot 15% MSA & perf 3883-89' & 3896' - 3910' w/4" DP csg gun w/1 JSPF. Breakdown w/perf acid, swab & evaluate. If necessary acidize w/1000 gals 15% HCl. If productive proceed w/step b. If wet sqz perfs 3883' - 3910'.
 - b - Spot 15% MSA & perf 3469-78' w/4" DP csg gun w/1 SPF. Breakdown w/perf acid, swab & evaluate. Acidize if necessary w/500 gal HCl. If wet sqz perfs 3469-78'.
 - c - Spot 15% MSA 7 perf 3267-82' w/4" DP csg gun w/1 SPF. Breakdown w/perf acid. Swab & evaluate. Acidize if necessary w/750 gal 15% HCl. If wet sqz perfs 3267-82'.
- 12 - Frac perfs 3267-3889' w/16,000 gal low residue x-link gel, 28,000# 20/40 sand in 2 stages using 15 BS to divert as follows (rate 23 BPM)
 - a - 2000 gal x-link pad
 - b - 1000 gal x-link w/1 ppg 20/40 sand
 - c - 2000 gal x-link w/2 ppg 20/40 sand
 - d - 3000 gal x-link w/3 ppg 20/40 sand
 - e - Drop 15 BS
 - f - repeat steps a - d. Flush to top perf w/slick KCl wtr.
- 13 - Swab to evaluate.
- 14 - Rec retr. BP @ 4000' & recover DR plug from Model "D" pkr @ 4700'
- 15 - RIH w/2-3/8" EUE PCID tbg w/parallel string tbg anchor. Run extension & plug receptacle below Model "D". Set tubing anchor @ 3800'.
- 16 - Run 2-3/8" tbg w/seating nipple, latch into anchor. Land tbg in tension.
- 17 - Run rods & pump - return to production.
- 18 - Connect long string to injection facilities.