

OIL CONSERVATION COMMISSION

BOX 2045

HOBBS, NEW MEXICO

NOTICE OF GAS CONNECTION

DATE May 17, 1977

This is to notify the Oil Conservation Commission that connection for the  
purchase of gas from the CLEARY PETROLEUM CORP., Federal C,  
Operator Lease  
South Salt  
1, Q, 4-21S-32E, Lake Morrow,  
Well # Unit Letter S.T.R. Pool  
GAS COMPANY OF NEW MEXICO, was made on 5/17/77.  
Name of Purchaser Date

GAS COMPANY OF NEW MEXICO  
PURCHASER

*James F. Coar*  
REPRESENTATIVE

Transmission Manager  
TITLE

cc: Oil Conservation Commission - Santa Fe  
E. R. Corliss - Dallas File  
W. B. Richardson - Dallas  
R. J. McCrary - Dallas  
E. H. Redden - Carlsbad  
Operator(s): CLEARY PETROLEUM CORPORATION  
300 Prentice Building  
North Broadway Plaza  
Oklahoma City, Oklahoma 73116

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-110  
Effective 1-1-65

DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
TRANSPORTER	OIL	
	GAS	
OPERATOR		
PRODUCTION OFFICE		

I. Operator  
Cleary Petroleum Corporation  
Address  
P. O. Drawer 2358, 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)

If change of ownership give name  
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name New Mexico Federal "C"	Well No. 1	Pool Name, Including Formation Undesignated	Kind of Lease State, Federal or Fee Federal	Lease No. NM-14791
Location Unit Letter Q ; 660 Feet From The East Line and 1980 Feet From The South Line of Section 4 Township 21-S Range 32-E , NMPM, Lea County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/> Permian Corporation	Address (Give address to which approved copy of this form is to be sent) P. O. Box 1183, Houston, Tx. 77001					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> Gas Company of New Mexico	Address (Give address to which approved copy of this form is to be sent) First International Bldg., Dallas, Tx. 75270					
If well produces oil or liquids, give location of tanks.	Unit Q	Sec. 4	Twp. 21-S	Rge. 32-E	Is gas actually connected? Yes	When 5-13-77

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.
		X	X					
Date Spudded 1-18-77	Date Compl. Ready to Prod. 4-23-77		Total Depth 14,125'		P.B.T.D. 14,082'			
Elevations (DF, RKB, RT, GR, etc.) 3717' GR	Name of Producing Formation Morrow		Top Oil/Gas Pay 13,688'		Tubing Depth 13,565'			
Perforations See attached sheet					Depth Casing Shoe 14,124'			
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
17 1/2"	13 3/8"		468'		650 sx *			
12 1/2"	9 5/8"		5572'		1st st-700sx; 2nd-1625sx*			
7 7/8"	5 1/2"		14124'		350 sx			
	2 7/8"		13565'		---			

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 CAOF 8408 MCF/day

Actual Prod. Test-MCF/D 3650	Length of Test 24 hrs.	Bbls. Condensate/MMCF 94	Gravity of Condensate 46.3
Testing Method (pilot, back pr.) Orifice Meter	Tubing Pressure (Shut-in) 4470 psig	Casing Pressure (Shut-in) 0	Choke Size 18/64

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.

(Signature)  
Assistant District Production Manager

(Date)  
5-21-77

OIL CONSERVATION COMMISSION

APPROVED MAY 23 1977, 19

BY

TITLE

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.

New Mexico Federal "C" #1

Individual Zones perforated as follows

<u>Depth</u>	<u>Ft. of Perf.</u>	<u>No. of Holes</u>
13,688-91'	3'	4
13,697-99'	2'	3
13,737-39'	2'	3
13,753-69'	16'	17
13,847-50'	3'	4
13,857-59'	2'	3
13,900-12'	12'	13
13,929-33'	4'	5
13,939-43'	4'	5
13,989-96'	7'	8
14,008-11'	3'	4
14,023-27	4'	5
Total	<u>62'</u>	<u>74</u>

Intervals 13,989-996' (8 holes) and 13,941-43' (3 holes) perforated w/4" wesjet magnum (0.48" holes). Other zones were perforated w/ 3 1/8" wesjet magnum (0.41" holes).

# DEVIATION TESTS

for

CLEARY PETROLEUM COMPANY  
405 Wall Tower West  
Midland, Texas 79701

NEW MEXICO FEDERAL C #1  
660' FEL, 1980' FSL, Sec. 4,  
T-21-S, R-32-E,  
LEA COUNTY, NEW MEXICO

DEPTH (FEET)	DEVIATION (DEGREES)	DEPTH (FEET)	DEVIATION (DEGREES)
216	1/2	6,110	1/2
356	1/2	6,450	1/2
472	1/4	6,942	1/2
708	1/4	7,440	1/4
1,002	1/4	7,937	1/2
1,281	1	8,460	3/4
1,477	3/4	8,633	1
1,780	3/4	9,170	2
1,996	1/2	9,710	1
2,280	3/4	10,550	1/2
2,617	1	11,307	3/4
2,887	1 1/4	11,906	1 1/4
3,185	1 1/4	12,710	1
3,255	1 1/4	12,825	1 1/2
3,641	1/4	13,572	3/4
4,060	1/4	14,125	3/4
5,572	1/2		

*B. E. Burton*

B. E. Burton, Contract Manager  
WARTON DRILLING COMPANY

SUBSCRIBED AND SWORN TO BEFORE ME THIS 15th DAY OF March, 1977.

*Marilyn Neatherlin*

Marilyn Neatherlin, Notary Public in and  
for Ector County, Texas



# United States Department of the Interior

## GEOLOGICAL SURVEY

Conservation Division  
Western Bank Building Room 815  
505 Marquette Avenue, N.W.  
Albuquerque, New Mexico 87102

December 30, 1976

Cleary Petroleum Corporation  
P. O. Drawer 2358  
Midland, Texas 79701

Gentlemen:

Your Application for Permit to Drill well No. 1 New Mexico Federal "C" in the NE $\frac{1}{4}$ SE $\frac{1}{4}$  sec. 4, T. 21 S., R. 32 E., Lea County, New Mexico, lease NM 14791, to a depth of 14,200 feet to test the Morrow formation in the Oil-Potash area is hereby approved, as amended by stipulations attached to the application.

One copy of the application is returned herewith. Please notify the District Engineer, Geological Survey, Hobbs, New Mexico, in sufficient time for a representative to witness all cementing operations.

Sincerely yours,

  
JAMES H. SUTHERLAND  
Area Oil and Gas Supervisor

cc: Denver  
Mining Branch (2)  
NMOCC-Hobbs (2) (w/2 cys. Notice) ✓  
Hobbs  
Roswell (2)

