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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-1
Effective 1-1-65

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NOV 20 1978

I. Operator
Mesa Petroleum Co. ✓

Address
1000 Vaughn Building Midland, Texas 79701

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

R-5411

II. DESCRIPTION OF WELL AND LEASE

Lease Name Diamond Mound Federal	Well No. 2	Pool Name, including Formation Diamond mound Undesignated - Atoka	Kind of Lease State, Federal or Fee Federal
Location Unit Letter R : 1980 Feet From The South Line and 1980 Feet From The East			
Line of Section 1 , Township 16S Range 27E , NMPM, Eddy 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, Texas 77001
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> Northern Natural Gas Co.	Address (Give address to which approved copy of this form is to be sent) 400 Commercial Bank Building Midland, Tex 79701
If well produces oil or liquids, give location of tanks. Unit R Sec. 1 Twp. 16S Rge. 27E	Is gas actually connected? NO yes When 1-11-79 Est 11-22-78

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'
		X	X					
Date Spudded 4-26-78	Date Compl. Ready to Prod. 7-12-78	Total Depth 9090'	P.B.T.D. 9012'					
Pool Undesignated	Name of Producing Formation Atoka	Top Oil/Gas Pay 8840	Tubing Depth 8853					
Perforations 8840'-8852'	Depth Casing Shoe 9090							

TUBING, CASING, AND CEMENTING RECORD			
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
17 1/2	13 3/8	348	425 sx Class C + 2% cc
11	8 5/8	1468	600 sx LW +200C +75C
7 7/8	4 1/2	9090	800 sx Class H
	2 3/8	8853	

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 all
able 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 2700	Length of Test 4 hrs	Bbls. Condensate/MMCF ---	Gravity of Condensate ---
Testing Method (pilot, back pr.) Back Pressure	Tubing Pressure 435	Casing Pressure PKR	Choke Size 1/2

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.

Michael P. Norston
(Signature)

Division Engineer
(Title)

11-17-78
(Date)

OIL CONSERVATION COMMISSION

JAN 1-2 1979

APPROVED _____, 19

BY W.A. Gressitt
SUPERVISOR, DISTRICT II

TITLE _____

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

OIL CONSERVATION COMMISSION

BOX-2045
Artesia
HOBBS, NEW MEXICO

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JAN 12 1979

O. C. C.
ARTESIA OFFICE

NOTICE OF GAS CONNECTION

Date November 15, 1978

This is to notify the Oil Conservation Commission that connection for the purchase of
gas from the Mesa Petroleum Co., Diamond Mound Fed. No. 2
Operator Lease

#2 & R, 1-16-27, *und. atoka*, Northern Natural Gas
Well Unit S.T.R. Morrow Pool Name of Purchaser

was made on 1-11-79
Date

Northern Natural Gas
Purchaser

Lowell P. Lund
Representative

Gas Contract Specialist
Title

cc: To Operator
Oil Conservation Commission - Santa Fe
File