

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well
~~Recompletion~~

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Farmington, New Mexico May 9, 1955

(Place)

(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

El Paso Natural Gas Company Murphy, Well No. 1-C, in NE NE
(Company or Operator) (Lease)

A, Sec. 27, T. 30N, R. 11W, NMPM., Aztec P.C. Pool
(Unit)

San Juan County. Date Spudded. 3-21-55, Date Completed. 4-3-55

Please indicate location:

			X

990'N, 990'E

Casing and Cementing Record

Size Feet Sax

9 5/8"	93'	100
5 1/2"	2313'	150
1"	2333'	---

Elevation. 5912'G Total Depth. 2365', P.B.

Top oil/gas pay. 2323' Top of Prod. Form. Pictured Cliff

Casing Perforations: None or

Depth to Casing shoe of Prod. String. 2323'

Natural Prod. Test. BOPD

based on. bbls. Oil in. Mins.

Test after acid or shot. BOPD

Based on. bbls. Oil in. Mins.

Gas Well Potential. 4,206 MCF/D

Size choke in inches.

Date first oil run to tanks or gas to Transmission system: w/o Pipeline

Transporter taking Oil or Gas: El Paso Natural Gas Company



Remarks:

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

Approved. MAY 11 1955, 19.

El Paso Natural Gas Company

(Company or Operator)

By: D.C. Johnston

(Signature)

Petroleum Engineer

Title.

Send Communications regarding well to:

E. J. Coel

Name.

Box 997, Farmington, New Mexico

Address.

OIL CONSERVATION COMMISSION

By: Original Signed Emery C. Arnold

Title Oil and Gas Inspector Dist. #3.

OIL CONSERVATION COMMISSION		
AZTEC DISTRICT OFFICE		
No. Copies Received <u>5</u>		
DISTRIBUTION		
	NO. FURNISHED	
Operator	<u>2</u>	
Santa Fe	<u>1</u>	
Production Office		
State Land Office		
U. S. G. S.		
Transporter	<u>1</u>	☒
File		

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

It is necessary that Form C-104 be approved before this form can be approved an an initial allowable be assigned to any completed Oil or Gas well. Submit this form in QUADRUPLICATE.

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator **El Paso Natural Gas Company** Lease **Murphy**
Address **Box 997, Farmington, New Mexico** **El Paso, Texas**
(Local or Field Office) (Principal Place of Business)
Unit **A**, Well(s) No. **1-C**, Sec. **27**, T. **30N**, R. **11W**, Pool **Astec P.C.**
County **San Juan** Kind of Lease: **Federal**
If Oil well Location of Tanks. **None**
Authorized Transporter **El Paso Natural Gas Company** Address of Transporter
Farmington, New Mexico **El Paso, Texas**
(Local or Field Office) (Principal Place of Business)
Per cent of Oil or Natural Gas to be Transported **100** Other Transporters authorized to transport Oil or ~~Natural Gas~~
from this unit are **Malco Products Inc.**

REASON FOR FILING: (Please check proper box)

NEW WELL ☒ CHANGE IN OWNERSHIP ☐
CHANGE IN TRANSPORTER ☐ OTHER (Explain under Remarks) ☐

REMARKS:



The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the **9** day of **May**, 19 **55**.

El Paso Natural Gas company

Approved **MAY 11 1955**, 19

OIL CONSERVATION COMMISSION
By **Original Signed Emery C. Arnold**
Title **Oil and Gas Inspector Dist. #3.**

By **D. C. Johnston**
Title **Petroleum Engineer**

(See Instructions on Reverse Side)

INSTRUCTIONS

This form shall be executed and filed in QUADRUPLICATE with the District Office of the Oil Conservation Commission, covering each unit from which oil or gas is produced. A separate certificate shall be filed for each transporter authorized to transport oil or gas from a unit. After said certificate has been approved by the Oil Conservation Commission, one copy shall be forwarded to the transporter, one copy returned to the producer, and two copies retained by the Oil Conservation Commission.

A new certificate shall be filed to cover each change in operating ownership and each change in the transporter, except that in the case of a temporary change in the transporter involving less than the allowable production for one proration period, the operator shall in lieu of filing a new certificate notify the Oil Conservation Commission District Office, and the transporter authorized by certificate on file with the Commission, by letter of the estimated amount of oil or gas to be moved by the transporter temporarily moving oil or gas from the unit and the name of such temporary transporter and a copy of such notice shall also be furnished such temporary transporter. Such temporary transporter shall not move any more oil or gas than the estimated amount shown in said notice.

This certificate when properly executed and approved by the Oil Conservation Commission shall constitute a permit for pipe line connection and authorization to transport oil and gas from the property named therein and shall remain in full force and effect until

- (a) Operating ownership changes
- (a) The transporter is changed or
- (c) The permit is cancelled by the Commission.

If any of the rules and regulations of the Oil Conservation Commission have not been complied with at the same time this report is filed, explain fully under the heading "REMARKS."

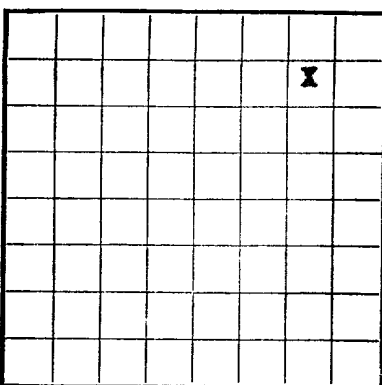
In all cases where this certificate is filed to cover a change in operating ownership or a change in the transporter designated to move oil or gas, show under "REMARKS" the previous owner or operator and the transporter previously authorized to transport oil or gas.

A separate report shall be filed to cover each producing unit as designated by the Oil Conservation Commission.

OIL CONSERVATION COMMISSION		
AZTEC DISTRICT OFFICE		
No. Copies Received 45		
DISTRIBUTION		
	NO. FURNISHED	
Operator	1	
Santa Fe	1	
Proration Office		
State Land Office		
U. S. G. S.		
Transporter	2	
File	1	✓

U. S. LAND OFFICE New MexicoSERIAL NUMBER 02491

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Murphy Field Astac P.C. State New Mexico
Well No. 1-C Sec. 27 T. 30N R. 11W Meridian NMPM County San Juan
Location 990 ft. S. of N. Line and 990 ft. W. of E. Line of Section 27 Elevation 5922
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed D. C. JohnstonDate May 9, 1955 Title Petroleum Engineer

The summary on this page is for the condition of the well at above date.

Commenced drilling March 21, 1955 Finished drilling April 2, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2318 to 2365 (G) No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated	Purpose
9 5/8"	36#	8 RD	J-55	93'	Hocco			Surface
5 1/2"	23#	8 RD	J-55	233'	Hocco			Prod. Log.
1"	1.68#	10 RD	Std. Riv.	2333'				Prod. Log.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	105'	100	Circulated		
5 1/2"	2323'	150	Single Stage		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		See Well History				

TOOLS USED

Rotary tools were used from _____ feet to 2323 feet, and from _____ feet to _____ feet
Cable tools were used from 2323 feet to 2365 feet, and from _____ feet to _____ feet

DATES

April 3, 1955 Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours 4,206,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 653

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
---	---	---	---
0	285	285	Variegated sh w/thin ss breaks.
285	911	626	Tan to gry cr-grn ss interbedded w/gry sh.
911	1100	189	Ojo Alamo ss. White cr-grn s.
1100	1975	875	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
1975	2318	343	Fruitland form. Gry carb sh, scattered coals
2318	2365 T.D.	47	coals and gry, tight, fine-grn ss. Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.

U.S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company
Lessor or Tract
Well No.
Location
The information given herewith is a complete and correct record of the well and all work done thereon
Signed
Title

The summary on this page is for the condition of the well at above date
Commenced drilling
Finished drilling

OIL OR GAS SANDS OR ZONES			
No. 1, from	to	No. 4, from	to
No. 2, from	to	No. 5, from	to
No. 3, from	to	No. 6, from	to
IMPORTANT WATER SANDS			
No. 1, from	to	No. 3, from	to
No. 2, from	to	No. 4, from	to

Interval tested 2323' - 2362', sand, oil & 17,500# sand. Breakdown pressure 900#, maximum pressure 950#, injection rate 36 gpm. Push 2300 gallons. Natural gas.
180 psi/d.
It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

MUDGING AND CEMENTING RECORD			
Number sacks of cement	Mud used	Mud gravity	Amount of mud used
PLUGS AND ADAPTERS			
Adapter—Material	Size	Length	Depth set
SHOOTING RECORD			
Shell used	Explosive used	Quantity	Date
TOOLS USED			
Rotary tools were used from		feet to	
Cable tools were used from		feet to	
DATES			
The production for the first 24 hours was		barrels of fluid of which	
emulsion; water; and		Gravity, °Bé.	
It gas well, cu. ft. per 24 hours		Gallons gasoline per 1,000 cu. ft. of gas	
Rock pressure, lbs. per sq. in.		But to producing	
EMPLOYEES			
Driller		Driller	
Driller		Driller	
FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION