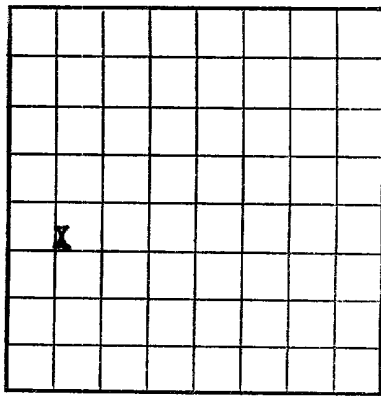
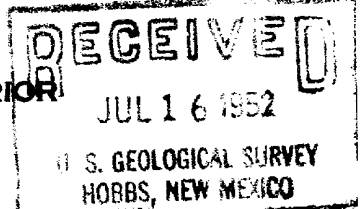


U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **062368**
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Texas Company Address Box 1270, Midland, Texas
Lessor or Tract C. E. Penny Field W. Dollarhide State New Mexico
Well No. 2 Sec. 4 T. 25-S R. 38-E Meridian NMPH County Lea
Location 1980 ft. (N.) of S Line and 660 ft. (E.) of W Line of Sec. 4 Elevation 3159
(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 [Signature]Date July 10, 1952 Title Dist. Supt.

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

Commenced drilling April 26, 19 52 Finished drilling June 27, 19 52

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

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 _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
13 3/8 48#		8R	SMLS	312	HOWCO	—	—	—	—
8 5/8 127#		8R	SMLS	1402	HOWCO	—	—	—	—
8 5/8 214#		8R	SMLS	1994	—	—	—	—	—
5 1/2 17#		8R	SMLS	2868	HOWCO	—	8295	8385	Production
5 1/2 15#		8R	SMLS	4998	—	—	—	—	—
5 1/2 17#		8R	SMLS	595	—	—	—	—	—

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13 3/8 324		300	HOWCO	—	—
8 5/8 2404		2200	HOWCO	—	—
5 1/2 8570		1698	HOWCO	—	—

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
—	—	—	—	—	—	—

TOOLS USED

Rotary tools were used from 0 feet to 8570 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

July 10, 19 52 Put to producing July 27, 19 52The production for the first 24 hours was 161.27 barrels of fluid of which 96 % was oil; 4 % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 38.1

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

H. R. Roden, Driller A. J. Chance, Driller
Douglas Gibbs, Driller E. L. Woods, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	84	84	Surface
84	1114	1030	Redbed
1114	1661	547	Red Bed & Anhy
1661	2621	960	Anhy & Salt
2621	3223	602	Anhy & Gyp
3223	3410	187	Anhy & Lime
3410	7468	4058	Lime
7468	8039	571	Lime & Shale
8039	8085	46	Lime
8085	8305	220	Shale
8305	8570	265	Lime
	8570		Total Depth

Drill Stem Test:

(OVER)

16-43094-2

DST #1: 8300-8381 Tool opened 2 hours and 15 minutes. Recovered 800 oil & gas cut water blanket, 430' free oil, (over)

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
			250' heavy oil and gas cut mud, 10' watery mud.
DST#2:	8380-8455	Tool open 1 1/2 hours. Recovered 15' drilling mud, no shows of oil, gas or water.	
DST#3:	8454-8540	Tool open 35 minutes. Recovered 15' drilling mud.	

HISTORY OF OIL OR GAS WELL

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.

Well was drilled to a total depth of 8570' and plugged back to 8528'. 5 1/2" casing was perforated from 8295' to 8385' and formation was treated through perforation with 4000 gals of 15% regulare acid. On a six hour potential test ending 6-27-52 well flowed 164.27 bbls. of oil and 6.85 bbls. of B&W through a 1" choke.

Hole Size

17" from 0' to 340'
11" from 340' to 3410'
7 7/8" from 3410' to 8570'

It is necessary that Form C-104 be approved before this form can be approved and an initial allowable be assigned to any completed oil or gas well.

NEW MEXICO OIL CONSERVATION COMMISSION

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL

Company or Operator The Texas Company Lease E. E. Penny
 Address Box 1270 Midland, Texas Box 1720 Fort Worth, Texas
 (Local or Field Office) (Principal Place of Business)
 Unit L Wells No. 2 Sec. 4 T. 25-SR 38-E Pool Unassigned County Lea
 Kind of Lease Federal Location of Tanks On lease
 Transporter Tex-New Mexico Pipe Line Co. Address of Transporter Midland, Texas
 (Local or Field Office)
Houston, Texas Percent of oil to be transported 100 Other transporters authorized
 (Principal Place of Business)
 to transport oil from this unit are None %

REMARKS:

The undersigned certifies that the rules and regulations of the Oil Conservation Commission have been complied with except as noted above and that gathering agent is authorized to transport the percentage of oil produced from the above described property and that this authorization will be valid until further notice to the transporter named herein or until cancelled by the Oil Conservation Commission of New Mexico.

Executed this the 30 day of June, 195 52

The Texas Company
 (Company or Operator)
 By [Signature]
 Title District Superintendent

Approved: July - 2, 195 52

OIL CONSERVATION COMMISSION

By [Signature]
 Oil & Gas Inspector

(See Instructions on Reverse Side)

INSTRUCTIONS

Form C-110

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.

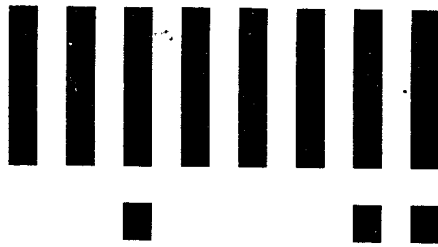
This certificate when properly executed and approved by the Oil Conservation Commission shall constitute a permit for pipe line connection and authorization to transport oil or gas from the property named therein and shall remain in full force and effect until

- (a) Operating ownership changes
- (b) 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.



LTR



Job separation sheet

OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

Form C-104

REQUEST FOR (OIL)-(GAS) ALLOWABLE

It is necessary that this form be submitted by the operator before an initial allowable will be assigned to any completed oil or gas well. Form C-110 (Certificate of Compliance and Authorization to Transport Oil) will not be approved until Form C-104 is filed with the Commission. Form C-104 is to be submitted in triplicate to the office to which Form C-101 was sent. Two copies will be retained there and the other submitted to the Proration Office, Hobbs, New Mexico. The allowable will be assigned effective 7:00 a.m. on date of completion, provided completion report is filed during month of completion. 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 P.B. at 60° Fahrenheit.

Midland, Texas
Place

June 30, 1952
Date

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

The Texas Company C. E. Penny Well No. 2 in NW 1/4 SW 1/4
Company or Operator Lease
section 4, T.25-S, R. 38-E, N.M.P.M. Unassigned Pool Lea County

Please indicate location: Elevation 3159(DF) Spudded 4-26-52 Completed 6-27-52

X			

Total Depth 8570 P.B. 8528
Top Oil/Gas Pay 8295 Top Water Pay
Initial Production Test: Pump Flow 657.08 (BOPD OR CO. FT. PER DAY)
Based on 164.27 Bbls. Oil in 6 Hrs. 0 Mins.
Method of Test (Pitot, gauge, prover, meter run): Gauge
Size of choke in inches 1"
Tubing (Size) 2" LUE @ 8340 Feet
Pressures: Tubing 50# Casing 625#
Gas/Oil Ratio 374 Gravity 38.1
Casing Perforations:
5 1/2" casing Perforated 8295' - 8385'

Unit letter: L

Casing & Cementing Record

Size	Feet	Sax
13 3/8	312	300
8 5/8	3396	2200
5 1/2	8561	1698

Acid Record: 4000 Gals 8295 to 8385 Show of Oil, Gas and water
Gals to S/
Gals to S/
Gals to S/
Shooting Record. S/
Qts to S/
Qts to S/
Qts to S/
Natural Production Test: Pumping Flowing
Test after acid or shot: Pumping 164.27 Flowing

Please indicate below Formation Tops (in conformance with geographical section of state):

Southeastern New Mexico

T. Anhy See log
T. Salt
B. Salt
T. Yates
T. 7 Rivers
T. Queen
T. Grayburg
T. San Andres
T. Glorieta
T. Drinkard
T. Tubbs
T. Abo
T. Penn
T. Miss

Northwestern New Mexico

T. Devonian
T. Silurian
T. Montoya
T. Simpson
T. McKee
T. Ellenburger
T. Gr. Wash
T. Granite
T.
T.
T.
T. Ojo Alamo
T. Kirtland-Fruitland
T. Farmington
T. Pictured Cliffs
T. Cliff House
T. Wenefee
T. Point Lookout
T. Mancos
T. Dakota
T. Morrison
T. Penn
T.
T.
T.

(Please supply required information on reverse side of form)

Date first oil run to tanks or gas to pipe line: June 27, 1952

Pipe line taking oil or gas: Texas-New Mexico Pipe Line Company

Remarks: _____

The Texas Company
Company or Operator

By: _____

Signature

Position: District Superintendent

Send communications regarding well to:

Name: The Texas Company

Address: Box 1270, Midland, Texas

APPROVED

July - 2, 1952

OIL CONSERVATION COMMISSION

By: _____

Title: _____

Oil & Gas Inspector