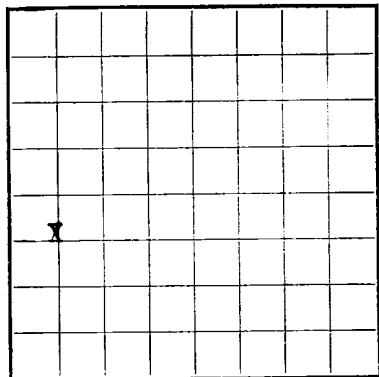


U. S. LAND OFFICE Artesia
SERIAL NUMBER NM-08529
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company The Texas Company Address P.O. Box 352, Midland, Texas
Lessor or Tract Etz Federal NCT-1 Field Square Lake State New Mexico
Well No. 1 Sec. 31 T. 16-S R. 30-E Meridian NMPM County Eddy
Location 1980 ft. N of S Line and 660 ft. E of W Line of Section 31 Elevation 3712 (DF)
(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.

Date January 13, 1959 Signed _____ Title Assistant District Supt.

The summary on this page is for the condition of the well at above date.
Commenced drilling December 20, 19 58 Finished drilling December 31, 19 58

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2720 to 2746 No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____
Drilled with Rotary Tools and no water sands tested.

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—	
8 5/8"	24.00	8R	J-55	461'	Baker	None			Surface
4 1/2"	11.60	8R	J-55	2781'	Baker	None	2720	2745	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	475'	500	Howco	--	--
4 1/2"	2795'	300	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
None						

TOOLS USED

Rotary tools were used from 0 feet to 2795 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

January 13, 19 59 Put to producing January 10, 19 59
The production for the first 24 hours was 240 barrels of fluid of which 100 % was oil; -- %
emulsion; -- % water; and -- % sediment. Gravity, °Bé. 35.5
If gas well, cu. ft. per 24 hours None Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. J. Bishop, Driller T. O. McElveen, Driller
L. C. Whattley, Driller D. B. Lamb, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	113	113	Caliche
113	475	362	Redbeds
475	655	180	Redbed, Anhy & Salt
655	1080	425	Anhy
1080	1275	195	Anhy & Salt
1275	1441	166	Anhy & Lime
1441	2075	634	Anhy & Shale
2075	2697	622	Anhy & Lime
2697	2795	98	Lime
TOTAL DEPTH	2795		
PBTD	2765		

DEVIATION RECORD

DEPTH	DEGREES OFF
975	1
1275	3/4
1810	3/4
2060	3/4
2260	3/4
2460	3/4
2690	3/4
2795	3/4

Estimate No. 6221

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 new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Midland, Texas

January 13, 1959

(Place)

(Date)

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

The Texas Company Its Federal NCT-1, Well No. 1, in NW 1/4, SW 1/4,
(Company or Operator) (Lease)
L, Sec. 31, T. 16-S, R. 30-E, NMPM., Square Lake Pool

Eddy

County. Date Spudded Dec. 20, 1958

Date Drilling Completed Dec. 31, 1958

Please indicate location:

Elevation 3712' (DF) Total Depth 2795' PTD 2765'

Top Oil/Gas Pay 2720' Name of Prod. Form. Grayburg

PRODUCING INTERVAL -

Perforations 2720' to 2746'

Open Hole None Depth 2795' Casing Shoe 2736'

OIL WELL TEST -

Natural Prod. Test: bbls. oil, bbls water in hrs, min. Size Choke

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): 40 bbls. oil, 0 bbls water in 4 hrs, 0 min. Size 32/64"

GAS WELL TEST -

Natural Prod. Test: MCF/Day; Hours flowed Choke Size

Method of Testing (pitot, back pressure, etc.):

Test After Acid or Fracture Treatment: MCF/Day; Hours flowed

Choke Size Method of Testing:

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): See remarks

Casing Tubing Date first new Press. 25 Press. 50 oil run to tanks January 10, 1959

Oil Transporter Texas-New Mexico Pipe Line Co.

Gas Transporter None

Remarks: Acidise with 1,000 gals regular 15% acid and sand frac with 20,000 gals refined oil and 40,000 lbs sand.

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

Approved, 1959

THE TEXAS COMPANY

(Company or Operator)

By: (Signature)

Title Assistant District Supt.

Send Communications regarding well to:

Name F.M. Loop The Texas Company

Address P.O. Box 352 Midland, Texas

OIL CONSERVATION COMMISSION

By: M.L. Armstrong

Title

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NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-110
Revised 7/1/55

(File the original and 4 copies with the appropriate district office)

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Company or Operator The Texas Company Lease Etz Federal NCT-1
Well No. 1 Unit Letter L S 31 T 16-S R 30-E Pool Square Lake
County Eddy Kind of Lease (State, Fed. or Patented) Federal
If well produces oil or condensate, give location of tanks: Unit L S 31 T 16-S R 30-E
Authorized Transporter of Oil or Condensate Texas-New Mexico Pipe Line
Address P.O. Box 1510 Midland, Texas
(Give address to which approved copy of this form is to be sent)
Authorized Transporter of Gas * None
Address _____
(Give address to which approved copy of this form is to be sent)
If Gas is not being sold, give reasons and also explain its present disposition:
* Casinghead gas being flared due to lack market.

Reasons for Filing: (Please check proper box) New Well New Well (X)
Change in Transporter of (Check One): Oil () Dry Gas () C'head () Condensate ()
Change in Ownership () Other ()
Remarks: _____
(Give explanation below)

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

Executed this the 15th day of January 19 59

Approved _____ 19 _____

By [Signature]
Title Assistant District Supt.

OIL CONSERVATION COMMISSION

Company The Texas Company

By ML Armstrong
Title _____

Address P.O. Box 352
Midland, Texas

THE TEXAS COMPANY

TEXACO PETROLEUM PRODUCTS



DOMESTIC PRODUCING DEPARTMENT
FORT WORTH DIVISION

P.O. Box 352
Midland, Texas
January 16, 1959

ETZ FEDERAL NCT-1 WELL # 1
Sec. 31, T-16-S, R-30-E
Square Lake Pool
Eddy County, New Mexico

New Mexico Oil Conservation Commission
207 Carper Building
Artesia, New Mexico

Gentlemen:

Attached please find four (4) copies of New Mexico Oil Conservation Commission Form C-104, Request for Oil Allowables, Five (5) copies of C-110, Certificate of Compliance and Authorization to Transport Oil and Natural Gas, and one (1) copy of United States Department of The Interior Log of Oil or Gas Well. A copy of the electrical log will be forwarded as soon as possible.

Yours very truly,

THE TEXAS COMPANY

by 

Asst. Dist. Supt.

OLB:OMG

Encls.