

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

(Form C-104)

Revised 7/1/57

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REQUEST FOR (OIL) - (GAS) ALLOWABLE

MAR 2 1960 New Well

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.

Roswell, New Mexico

March 1, 1960

(Place)

(Date)

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

Leonard Oil Company - Federal Hagerty

Well No. 11, in NW 1/4 SE 1/4,

(Company or Operator)

J

Sec. 18

T. 16-S

(Lease)

30-E

NMPM, West Henshaw Grayburg

Unit Letter

Eddy

Pool

Please indicate location:

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P

1980 FSL 1980 FSL

Tubing, Casing and Cementing Record

Size	Feet	Sax
7"	2750	1008 shoe
2 3/8	2709	5084 37'
		tubing

County. Date Spudded. 1-18-60

Date Drilling Completed 2-18-60

Elevation 3758 D.F. Total Depth 2753 PBD 2744

Top Oil/Gas Pay 2715 Name of Prod. Form. Premier

PRODUCING INTERVAL -

Perforations 2715-16

Open Hole Depth 2750 Casing Shoe Depth 2709 Tubing

OIL WELL TEST -

Show oil

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

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): 120 bbls. oil, 0 bbls water in 24 hrs, 0 min. Choke 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): 25,000 gals lease crude & 37,000 sand.

Casing 400 Tubing 350 Date first new oil run to tanks 3-1-60

Oil Transporter Continental Line Co. - Ponca City, Oklahoma

Gas Transporter

Remarks:

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

Approved MAR 2 1960, 19.

LEONARD OIL COMPANY

(Company or Operator)

By: Fowler H. H. (Signature)

Title General Manager

Send Communications regarding well to:

Name LEONARD OIL COMPANY

Address P.O. BOX 708- ROSWELL, NEW MEXICO

OIL CONSERVATION COMMISSION

By: M. L. Armstrong

Title OIL AND GAS INSPECTOR

OIL CONSERVATION COMMISSION		
ARTESIA DISTRICT OFFICE		
No. Copies Received <u>4</u>		
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MANAGER	<u>1</u>	
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STATE LAND OFFICE		
U. S. G. S.		
TRANSPORTER		
FILE	<u>1</u>	✓
BUREAU OF MINES		

NEW MEXICO OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Form C-110
Revised 11/1/55

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

MAR 2 1960

CERTIFICATE OF COMPLIANCE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

☐ C. C.
ARTESIA, OFFICE

Company or Operator LEONARD OIL COMPANY Lease FEDERAL HAGERTY
Well No. 11 Unit Letter J S 18 T 16-S R 30-E Pool West Henshaw Grayburg
County Eddy Kind of Lease (State, Fed. or Patented) Federal
If well produces oil or condensate, give location of tanks: Unit 0 S 18 T 16-S R 30-E
Authorized Transporter of Oil or Condensate Continental Pipe Line Company
Address Ponca City, Oklahoma
(Give address to which approved copy of this form is to be sent)
Authorized Transporter of Gas _____
Address _____ Date Connected _____
(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:
Gas is being flared - no pipeline connection

Reasons for Filing: (Please check proper box) 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 _____ day of _____ 19 _____

Approved MAR 2 1960 _____ 19 _____

By Robert J. Leonard
Title President

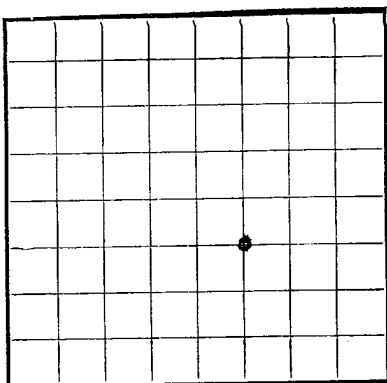
Company Leonard Oil Company

Address Box 708, Roswell, New Mexico

OIL CONSERVATION COMMISSION
By M. L. Armstrong
Title OIL AND GAS INSPECTOR

OIL CONSERVATION COMMISSION		
ARTESIA DISTRICT OFFICE		
Mr. Corbett Received 5		
DEPARTMENT		
	RECEIVED	
OPERATING	2	
ADVISORY	1	
ADVISORY OFFICE		
GENERAL OFFICE		
U.S. G.S.		
LAND OFFICE	1	
ADVISORY	1	✓
RECORDS OFFICE		

Form 9-330



LOCATE WELL CORRECTLY

RECEIVED

MAR 7 1960
U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

MAR 9 1960

U. S. G.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

Company LEONARD OIL COMPANY Address P.O. BOX 708 ROSWELL, NEW MEXICO
Lessor or Tract Fed. Hagerty Field W. Henshaw Grayburg State New Mexico
Well No. 11 Sec. 18 T. 16-SR30-E Meridian N.M.P.M. County Eddy
Location 1980 ft. N. of S. Line and 1980 ft. E. of E. Line of Sec. 18 Elevation 3758 DF
(Derriek 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 March 4, 1960 Title General Manager

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

Commenced drilling 1/18, 1960 Finished drilling 2/18, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2708 to 2719 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 367 to 390 No. 3, from _____ to _____
No. 2, from 1963 to 1983 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—	
10 3/4	32.75	8	Republic	473	Tex. Pattern	473			Surface
8 5/8	24	8	CPA-I	2016	"	2016			Water
7	20	8	CPA-I	2750	Chase		2750	18	2750
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	473	0			
8 5/8	2016	0	Plug		20 ex.
7	2750	100 ex thru shoe & 50 ex @ top	Plug		

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 _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 2753 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing 3-1, 1960

The production for the first 24 hours was 120 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. _____

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Walker, Driller Wright, Driller
Grissom, Driller Bowen, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	20	20	Caliche
20	85	65	Sand & Gravel TOPSL
85	260	175	Shale Top Salt 550
260	325	65	Sand Base " 995
325	367	42	Red Shale Top Queen 1940
367	420	53	Anhy Top Premier 2696
420	427	7	Red Bed Top San Andres 2726
427	473	46	Anhy
473	500	27	Red shale
500	515	15	Mud
515	535	20	Red bed
535	550	15	Anhy
550	995	445	Salt
995	1018	23	Anhy
1018	1045	27	Red bed
1045	1963	918	Anhy
1963	1988	25	Red sand
1988	2450	462	Anhy
2450	2580	130	Lime
2580	2640	80	Anhy
2640	2660	20	Lime
2660	2697	37	Lime & anhy
2697	2710	13	Gray lime
2710	2714	4	Sandy oil
2714	2720	6	Sand
2720	2725	5	Sandy cong.
2725	2746	21	Lime
2746	2790	44	TD

100-201 100-201 100-201

A blank sheet of graph paper with a grid pattern. The grid consists of small squares formed by horizontal and vertical lines. There are approximately 20 columns and 25 rows of squares. A single dark dot is visible near the bottom center of the page, slightly to the left of the middle column.

[illegible]

OFFICE OF THE ATTORNEY GENERAL

RECEIVED
JAN 10 1964
U.S. DEPARTMENT OF AGRICULTURE
WASHINGTON, D.C. 20250

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 reworking, 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.

[illegible]