

NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

(Form C-104)
Revised 7/1/57

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 QUADRUPPLICATE 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 1/24/64
(Place) (Date)

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

Ralph Lowe Indian Basin Co., Well No. 1, in SE 1/4 NW 1/4,
(Company or Operator) (Lease)

F, Sec. 26, T. 21-S, R. 23-E, NMPM, Indian Basin (Upper Penn) Pool
(Unit Letter)

Eddy County. Date Spudded Nov 3, 1963 Date Drilling Completed Dec 24, 1963

Please indicate location:

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

1656 N&W

Tubing, Casing and Cementing Record

Size	Feet	Sax
<u>20"</u>	<u>113</u>	<u>300</u>
<u>1 5/8"</u>	<u>3000</u>	<u>1500</u>
<u>7"</u>	<u>7-23</u>	<u>600</u>

Elevation 3856 Total Depth 9405 PBD 7800

Top Oil/Gas Pay 7366 Name of Prod. Form. Upper Penn

PRODUCING INTERVAL -

Perforations 7366' - 7416'

Open Hole _____ Depth _____
Casing Shoe 7828 Tubing 7364

OIL WELL TEST -

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

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): _____ bbls. oil, _____ bbls water in _____ hrs, _____ min. Size _____

GAS WELL TEST -

Natural Prod. Test: None MCF/Day; Hours flowed _____ Choke Size _____

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

Test After Acid or Fracture Treatment: 67,000 MCF/Day; Hours flowed 6

Choke Size 30/64 Method of Testing: Back Pressure

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): 500 Mudacid, 11,500 gals 15% Reg.

Casing _____ Tubing _____ Date first new
Press. Packer Press. 1775 oil run to tanks _____

Oil Transporter None

Gas Transporter None

Remarks: absolute potential is 67,000 MCF

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B.C.C.
ARTESIA, OFFICE

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

Approved JAN 27 1964, 19____

Ralph Lowe
(Company or Operator)

OIL CONSERVATION COMMISSION

By: W. L. Armstrong

By: E. J. [Signature]
(Signature)

Title agent

Send Communications regarding well to:

Title OIL AND GAS ENGINEER

Name Ralph Lowe

Address Box 832, Midland, Texas

ARMED AND DANGEROUS

5

1. *Chlorophyll a* (Chl *a*)



1

— — — — —

100% 90% 80% 70% 60% 50% 40% 30% 20% 10% 0%

100

Ralph Lowe
Indian Basin "C" Well No. 1
Section 26, TWP-21-S, R-23-E
Eddy County, New Mexico

DEVIATION SURVEY

<u>Degree</u>		<u>Feet</u>
3/4	@	150
3/4	@	630
1	@	900
1	@	1395
3/4	@	1840
1/2	@	2644
3/4	@	2962
1/2	@	3451
1/2	@	4223
3/4	@	4561
3/4	@	4927
1	@	5179
3/4	@	5622
1 1/4	@	6486
1	@	6681
3/4	@	6744
3/4	@	7030
3/4	@	7621

<u>Degree</u>		<u>Feet</u>
1	@	7736
3/4	@	7827
2 1/4	@	8134
2 1/4	@	8181
4 1/4	@	8397
5	@	8505
4 3/4	@	8535
5 1/4	@	8728
6	@	8787
5 3/4	@	8867
7 3/4	@	9168
7 1/2	@	9197
9 1/2	@	9355
9 1/2	@	9388

Well Plugged back to
7800'.

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JAN 2 1964

CLERK
ARTESIAN SURVEY

STATE OF TEXAS)
COUNTY OF MIDLAND)

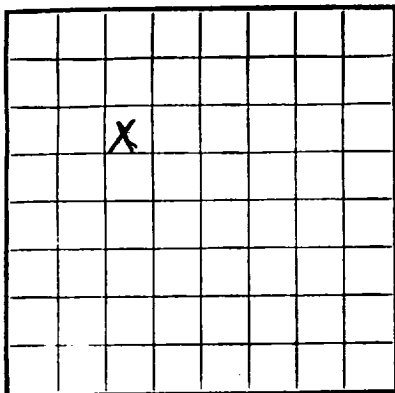
Before me, the undersigned authority, on this day personally appeared C. W. Murray, known to me to be the person whose name is subscribed to this instrument, who after by me duly sworn on oath, states that to the best of his knowledge the facts stated above are true and correct.

C. W. Murray

Subscribed and sworn to before me on this the 25th. day of
January, 1964

Marie Branham
Marie Branham, Notary Public in
and for Midland County, Texas

OIL CONSERVATION COMMISSION		
REGIONAL DISTRICT OFFICE		
RECEIVED BY <u>2</u> DISTRIBUTION		
	NO. TRANSMITTED	
ORIGINAL		
COPY	1	
PROPOSED		
RECEIVED		
TRANSMITTED		
FILE	1	
EXAMINE <u>1</u>		

U. S. LAND OFFICE New Mexico
SERIAL NUMBER NM 070522-A
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Ralph Lowe Address Box 832, Midland Texas
 Lessor or Tract Indian Basin Co. Field Indian Basin State New Mexico
 Well No. 1 Sec. 26 T. 31-S R. 23-E Meridian N.M.P.M. County Eddy
 Location 1650 ft. S. of N. Line and 1650 ft. E. of W. Line of Sec 26 Elevation 3812
(Denote 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 T. J. SummaryDate Jan. 24, 1964Title agent

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

Commenced drilling Nov. 3, 1963 Finished drilling Dec. 24, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 7336 to 7620 (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 500 to 1400 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—	
<u>20"</u>	<u>54#</u>	<u>8</u>	<u>J+L</u>	<u>113</u>	<u>Halliburton</u>	<u>7336</u>	<u>746</u>	<u>6</u>	<u>6</u>
<u>9 7/8"</u>	<u>26#</u>	<u>8</u>	<u>Koroseal</u>	<u>300</u>	<u>Halliburton</u>	<u>746</u>	<u>746</u>	<u>6</u>	<u>6</u>
<u>7"</u>	<u>various</u>	<u>8</u>	<u>various</u>	<u>7828</u>	<u>Halliburton</u>	<u>746</u>	<u>746</u>	<u>6</u>	<u>6</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>20"</u>	<u>113'</u>	<u>360</u>	<u>Pump</u>		
<u>9 7/8"</u>	<u>300'</u>	<u>1500</u>	<u>Pump</u>		
<u>7"</u>	<u>7828'</u>	<u>600</u>	<u>Pump</u>		

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 JAN 27 1964
 U.S. GEOLOGICAL SURVEY
 ARTESIA, NEW MEXICO

RECEIVED
 JAN 28 1964
 D. C. C.
 ARTESIA, OFFICE

FOLD

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 9405 feet, and from _____ feet to _____ feet

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

DATES

_____, 19____ Put to producing Shut in Gaswell, 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 67,000,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Ra Rogers _____, Driller George Miller _____, Driller

Clyde Latham _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	505	505	Dolo. Sands + Dolo mite
505	1420	915	Dolo.
1420	2050	630	Limestone
2050	2900	850	Sd. Dolo + Ls
2900	3770	870	Ls + ss
3770	5750	1980	Ls
5750	6235	485	Sand
6235	7335	1100	Lime + Sh.
7335	7760	425	Dolo. Lime + Sh.
7760	9405	1645	Lime, Sh + Sd.
	Tops.		
Grayburg	80 +	3792	Base Penn Ls
San Andres	505 +	3767	Strawn
Glorietta	2050 +	1822	L Strawn
1st Bone Spring Sand		3260 + 612	Atok
3rd		5752 - 1880	Morrow Ls
Wolf Camp		6235 - 2363	L Morrow
Cisco Lime		7336 - 3464	Sandy Ls
			7757 - 3885
			8042 - 4169
			8441 - 4568
			8596 - 4723
			8938 - 5065
			9111 - 5238
			9366 - 5493
FROM—	TO—	TOTAL FEET	FORMATION

FORMATION RECORD—Continued

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JAN 28 1964
O. C. C.
ARTERIAL OFFICE