

LEONARD LATCH
1812 ~~XXX~~ TEXAS AVE.
LUBBOCK, TEXAS 79401

March 28, 1969

49 MAR 31 AM '69

2088-309

New Mexico Oil Conservation Commission
Box 2088
Santa Fe, New Mexico

Re: NMOCC Permit
No. R-15-46

Gentlemen:

Latch Engine

I would like to make application for a Waterflood expansion under Rule 701E(5).

I am asking for Brooks well No. 8 to be converted to a water injection well. The reason I am asking for this conversion is that the offset well No. 17 has increased in production to 15 bbls. of oil per day and I believe it still can be increased more by converting the No. 8 well.

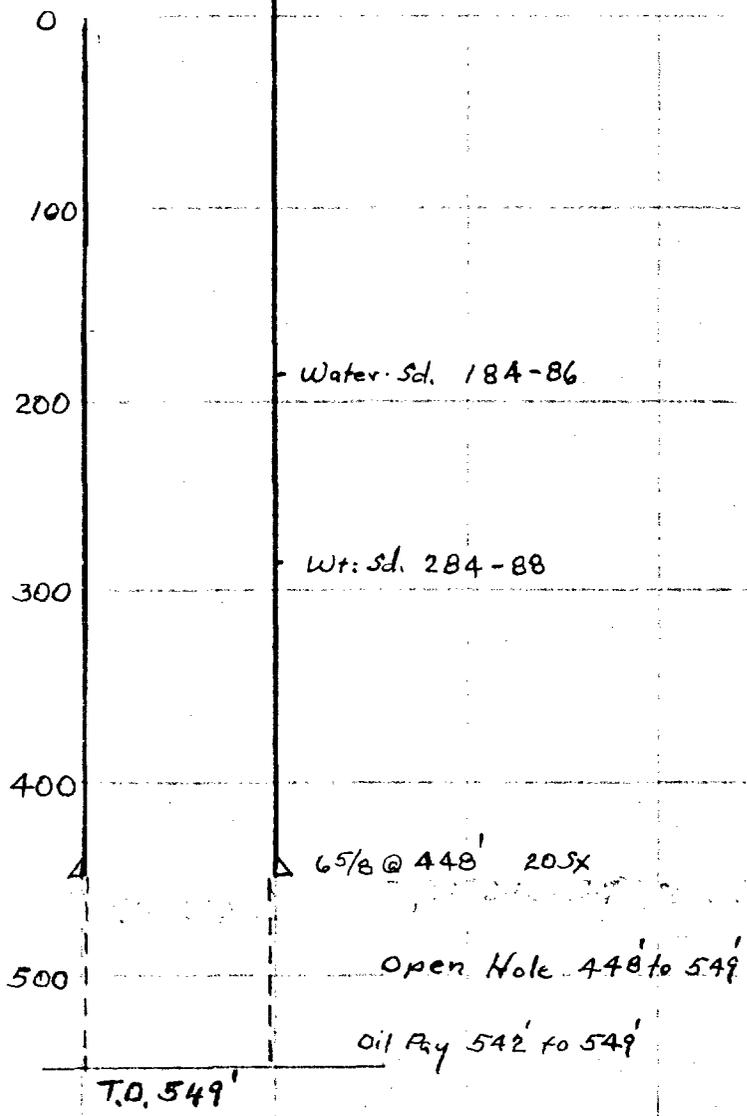
I am enclosing the data set out in 701B with this letter.

Yours very truly,

Leonard Latch
Leonard Latch

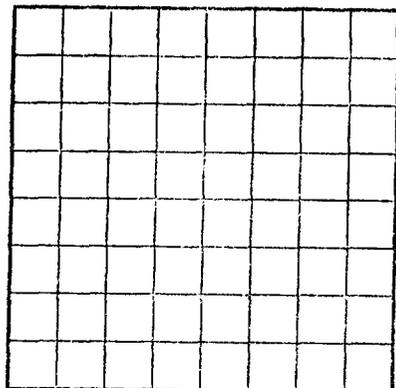
LL/ca

Leonard Latch
Brooks #8
990'W + 1980'N Sec. 19-17-28



Cptd. 2-26-42
I.P. 4 B.O.P.D.

U. S. LAND OFFICE **LAD 050349(a)**
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY *Leonard Latch*

Company ~~James E. Hughes~~ Address *Roswell, New Mexico*
Lessor or Tract *Brooks* Field *Red Lake* State *New Mexico*
Well No. *8* Sec. *19* T. *17s* R. *28E* Meridian *NMPM* County *Eddy*
Location *1650* ft. ^N of *N* Line and *990* ft. ^E of *W* Line of *Sec. 19-17s-28E* Elevation _____
(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 */s/ Blanche McCoy*

Date *February 26, 1942* Title *Agent*

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

Commenced drilling *Dec. 24,* 19*41* Finished drilling *January 31, 1942*, 19*42*

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from *542* to *545* No. 4, from _____ to _____
No. 2, from *545* to *549* No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from *184* to *186* No. 3, from _____ to _____
No. 2, from *284* 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-	
<i>6-5/8"</i>	<i>20#</i>			<i>448'</i>					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<i>6-5/8"</i>	<i>448'</i>	<i>20 sacks</i>	<i>International Cementing Co.</i>		

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 *T.D.* feet to _____ feet, and from _____ feet to _____ feet

DATES

February 26, 1942, 19____ Put to producing *Feb. 26, 1942*, 19____

The production for the first 24 hours was *4* barrels of fluid of which _____ % was oil; _____ % emulsion; _____ % water; and _____ % 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

Vanbiber, Driller _____, Driller
M. M. Lee, Driller _____, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	10		Red Clay and Caliche
10	40		Red Bed
40	145		Red Bed and Red Rock
145	175		Salt & Anhydrite
175	200		Blue shale & Anhydrite
200	210		Gyp Salt & Anhydrite
210	237		Anhydrite
237	267		Red Bed & Anhydrite 245-250 Lime
267	275		Red Bed
275	300		Red Rock
300	305		Red Bed
305	330		Red Bed, Blue Shale & Anhydrite
330	335		Red Rock & Lime
335	364		Red Rock, Lime & Anhydrite
364	391		Red Rock & Lime
391	395		Hard Gray Lime
395	400		Softer Gray Lime
400	406		Anhydrite
406	412		Broken Lime
412	435		Anhydrite
435	440		Shells of Lime
440	443		Lime & Anhydrite
443	447		Lime
447	452		Red Rock & Lime Shell
452	457		Hard Lime

FOLD MARK

LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE

R. 27 E. 12

R. 28 E. 7

L. Latch

4 5 6

1

2

3

Oil Conservation Comm. # R-35-73

Travis

L. Latch

L. Latch

3

4

5

Application to Add Saunders A-A to Flood Pattern
Saunders B-1 has 18000 Increase

Saunders B

8

6

5

T.

17

Saunders A

S.

13

18

L. Latch

8

20

Saunders

3

L. Latch

L. Latch

5

16

10

19

L. Latch

11

15

4

1

4

8

7

1

23

20

18

23

21

L. Latch

27

2

20

6

16

6

8

17

12

18

3

State

24

5

17

9

13

4

7

5

19

10

10

2

Application to Add Well #8 to Flood Pattern
Well #17 has 16,000 BOPD Increase

22

21

18

11

L. Latch

R. K.

1

3

24

16

Fed. Berry

3

24

16

T.

17

S.

25 Fed. Berry

30

L. Latch Leases
Empire Field
Eddy Co. New Mexico
Scale 1" = 1320'

Water Injection Well