Saunders A 2

Saunders A-2

Place Artesia, N.M.
Date 9-30-49

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

Glenn Staley
Proration Office
Hobbs, New Mexico

Designate UNIT well is located in
NW¼NE¼ Sec. 13-17S-27E.

NOTICE OF COMPLETION OF: (Lease) Leonard Latch Well NO. 2 — A
330 feet from N line; 1980 feet from E line;
Section 13 Township 17 Range 27.

DATE STARTED August 15, 1949
DATE COMPLETED August 26, 1949
ELEVATION
TOTAL DEPTH S.L. 479
CABLE TOOLS x ROTARY TOOLS

CASING RECORD

SIZE	8"	DEPTH	260	SAX CEMENT	heavy mud
SIZE	7"	DEPTH	418	SAX CEMENT	20
SIZE		DEPTH		SAX CEMENT	

TUBING RECORD

SIZE 2" DEPTH 418

ACID RECORD

NO. GALS. 500 gal
NO. GALS.
NO. GALS.

SHOT RECORD

NO. QTS.
NO. QTS.
NO. QTS.

FORMATION TOPS

Anhydrite	
Top Salt	30
Base Salt	none
Red Sand	none
Brown Lime	210
White Lime	289
Oil or Gas Pay	416 - 439
Water	70 -210

Initial Production Test 15 bbl. Pumping x Flowing
Test After Acid or Shot 15 bbl.

Initial GAS VOLUME

SCHEDULE NO. DATE 9-30-49

PIPE LINE TAKING OIL New Mexico Asphalt & Ref. Co. Artesia, N.M.

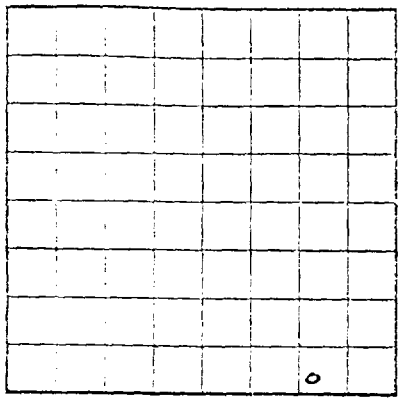
REMARKS COMPANY May Hightower

SIGNED BY:

COPY Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

Form 9-330

U. S. Land Office Las Cruces
Serial Number 060361
Lease or Permit to Prospect Travis



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Leonard Latch Address 1812 Texas Ave. Lubbock, Texas 79401

Lessor or Tract ..... Field Empire State N. Mex.

Well No. 3 Sec. 12 T. 17 R. 27 Meridian NMPM County Eddy

Location 330 ft. {N./S.} of S. Line and 990 ft. {E./W.} of E Line of Sec. 12 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 Harold Kersey

Date Dec. 13, 1950 Title ~~Partner~~ Agent

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

Commenced drilling Oct. 23, 1950, 19.... Finished drilling Nov. 16, 1950, 19....

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 450 to 453' 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 120 to 125 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 From—	Perforated To—	Purpose
7"	17#	10V		435'	common				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
	435'	25	Plug		

MARK

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
Acidized with 1000 gallons from 450-453'						

TOOLS USED

Rotary tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

Cable tools were used from 0 feet to 454' feet, and from ..... feet to ..... feet

DATES

....., 19..... Put to producing Dec. 2, 1950, 19.....

The production for the first 24 hours was 10 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

W. L. Vandagrigg, Driller ....., Driller

John Eskae, Driller ....., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	25	25	Gyp & Anhy
25	125	100	Anhy
125	225	100	Red Beds & Gyp
225	255	30	Anhy & Red Beds
255	285	30	Red Beds
285	345	60	Anhy & Red Beds
345	375	30	Anhy
375	391	16	Anhy & Red Beds
391	410	19	Anhy
410	440	30	Anhy & Lime
440	450	10	Lime
450	453	3	Lime Pay - 3/4 bbl oil/day
453	454	1	Lime - Hard
			TD 454'

(OVER)

FORMATION RECORD—Continued

ARTESIA OFFICE C...

Budget Bureau No. 42-R355.
Approval expires 11-30-46.

Form 9-330

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 068361
LEASE OR PERMIT TO PROSPECT .....

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
OCT 16 1950
ARTESIA ...

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Leonard Latch Address 1812 Texas Ave. Lubbock, Texas 79401

Lessor or Tract Travis Field Empire State N. Mex.

Well No. 1 Sec. 12 T. 17 R. 27 Meridian NMPM County Eddy

Location 330 ft. {N./S.} of S Line and 2310 ft. {E./W.} of E Line of Sec. 12 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 Harold Kersey

Date Oct. 14, 1950 Title Agent

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

Commenced drilling Sept. 7, 19 50 Finished drilling Sept. 29, 19 50

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 436-439 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 120-125 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 From—	Perforated To—	Purpose
7"	17#	10V	used	4121	Baker				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7"	4121	25	Plug		

Form 9-330

COPY TO ROSWELL

ARTESIA OFFICE COPY

Budget Bureau No. 42 R355.1.
Approval expires 11-30-60.

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER LC 068361
LEASE OR PERMIT TO PROSPECT Travis

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO
OCT 24 1950
ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Leonard Latch Address 1812 Texas Ave. Lubbock, Texas 79401

Lessor or Tract _____ Field Empire State N. Mex.

Well No. 2 Sec. 12 T. 17 R. 27 Meridian NMPM County Eddy

Location 330 ft. {N/S} of S. Line and 1650 ft. {E/W} of E. Line of Sec. 12 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 Harold Kinney

Date Oct. 23, 1950 Title Agent

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

Commenced drilling Oct. 9, 1950, 19__ Finished drilling Oct. 18, 1950, 19__

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 449' to 452' 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 105' to 110' 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 From—	Perforated To—	Purpose
7"	17#	10	used	432	common				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7" OD	432	25	Plug		

MARK

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
Acidized with 2000	gallons from 449'	to 452'	on Oct. 18, 1950			

TOOLS USED

Rotary tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

Cable tools were used from 0 feet to 453' feet, and from ..... feet to ..... feet

DATES

....., 19..... Put to producing Oct. 21, 1950, 19.....

The production for the first 24 hours was 40 barrels of fluid of which 100 % was oil; ..... % emulsion; ..... % water; and ..... % sediment. Gravity, °Bé. 35

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

Rock pressure, lbs. per sq. in. .....

EMPLOYEES

M. M. Vandagriff, Driller ....., Driller

John Eskue, Driller ....., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	40	40	Caliche & Gyp
40	150	110	Anhy
150	300	150	Anhy & Red Beds
300	390	90	Anhy
390	432	42	Anhy & Lime Shells
432	436	4	Sandy Lime - slight show of oil
436	437	1	Sand
437	447	10	Lime
447	449	2	Lime - with slight show of oil
449	452	3	Sandy Lime - Oil Pay
452	453	1	Hard Lime
			453 Total Depth

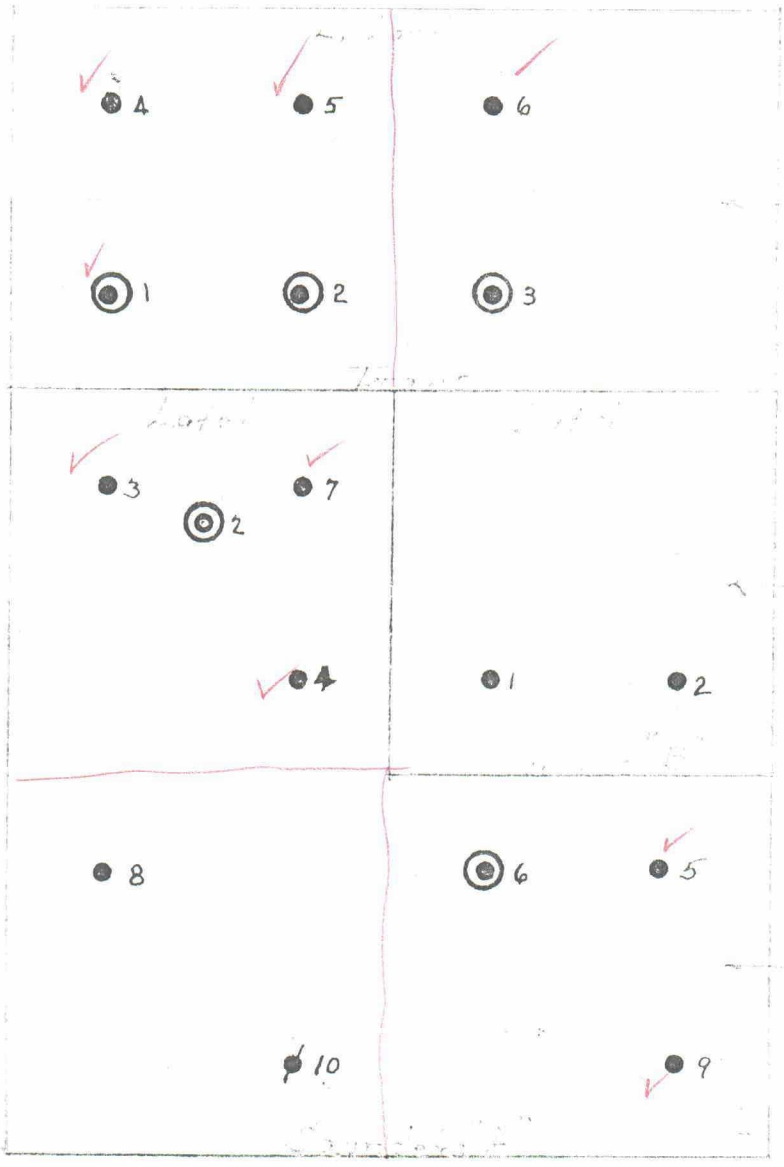
(OVER)

CONSERVATION RECORD—CONTINUED

BEFORE EXAMINER HUTTER
OIL CONSERVATION COMMISSION
EXHIBIT NO. 2
CASE NO. 3929

Detailed Map
Proposed Water Flood

2 or 3 BW in each well every 5 days



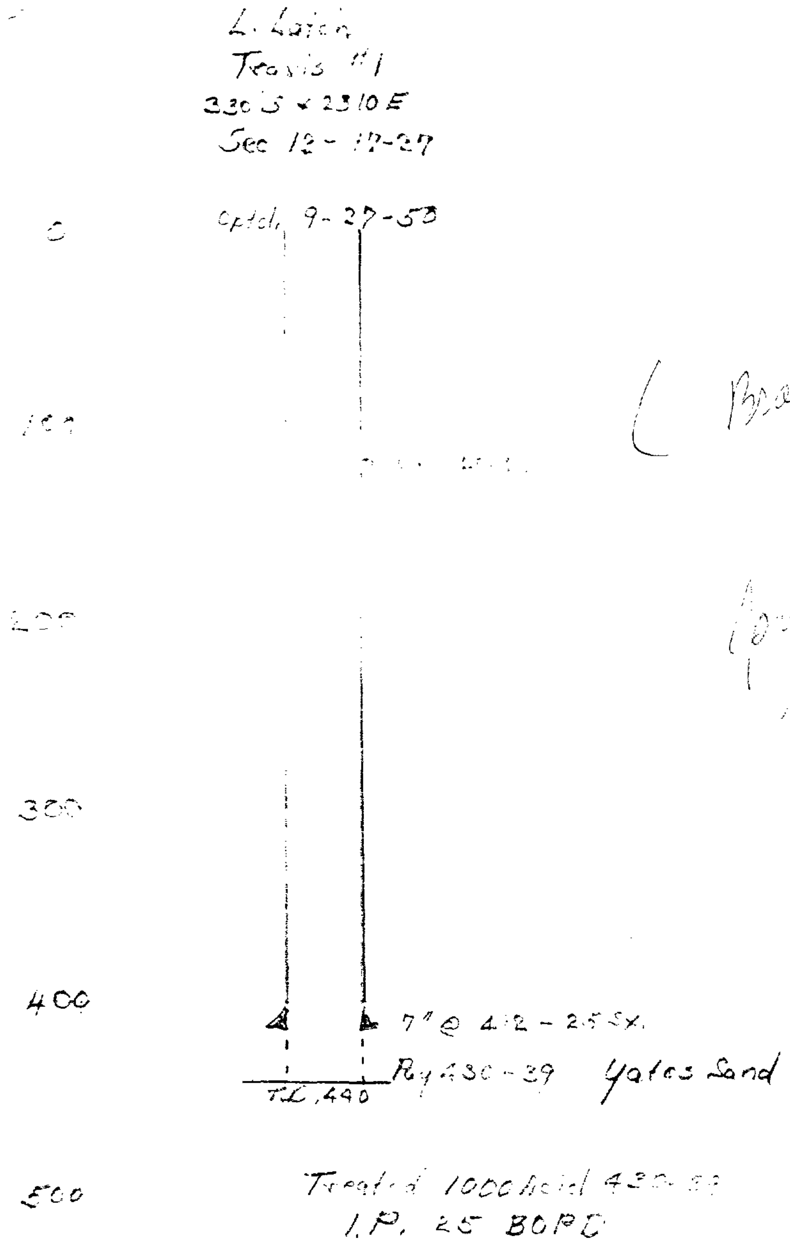
● Producing Well

◎ Injection Well

Same here "A" project

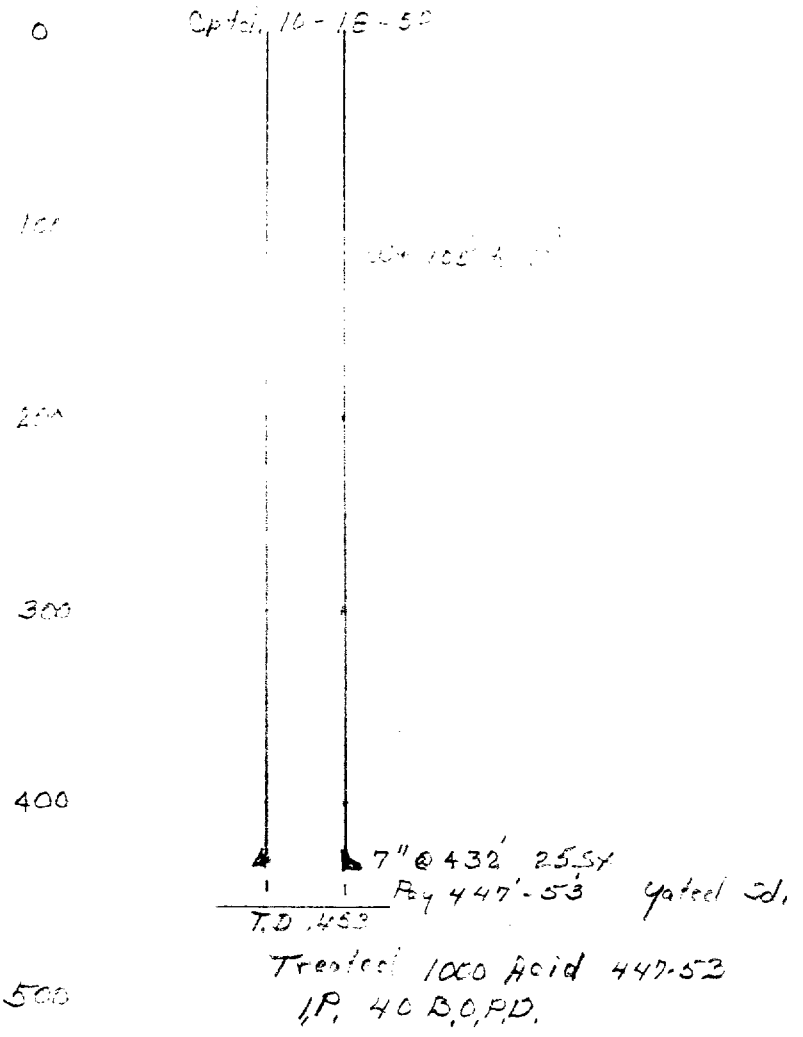
Travis Project
2 inj 40's = 84 wells
4 extra wells = 4x14 = 56
140 wells total

2 inj 40's = 84 wells
1 prod 40 = 42 "
5 extra wells
5x14 70
196 wells total

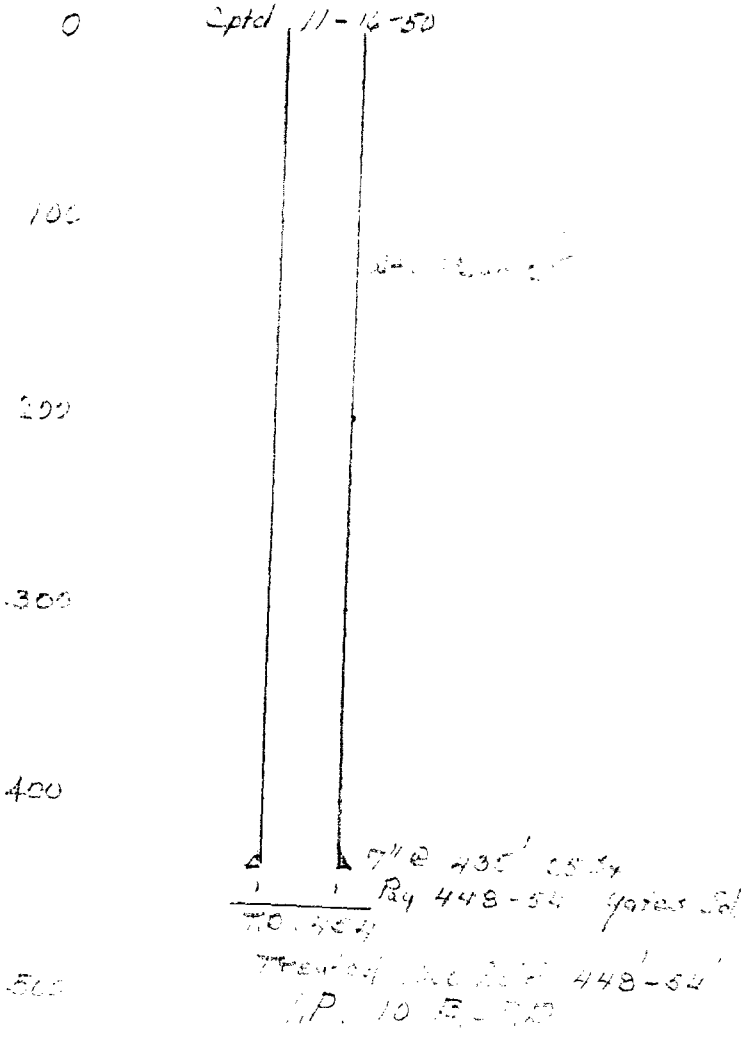


BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
Yopl EXHIBIT NO. 3 (5 parts)
CASE NO. 3929

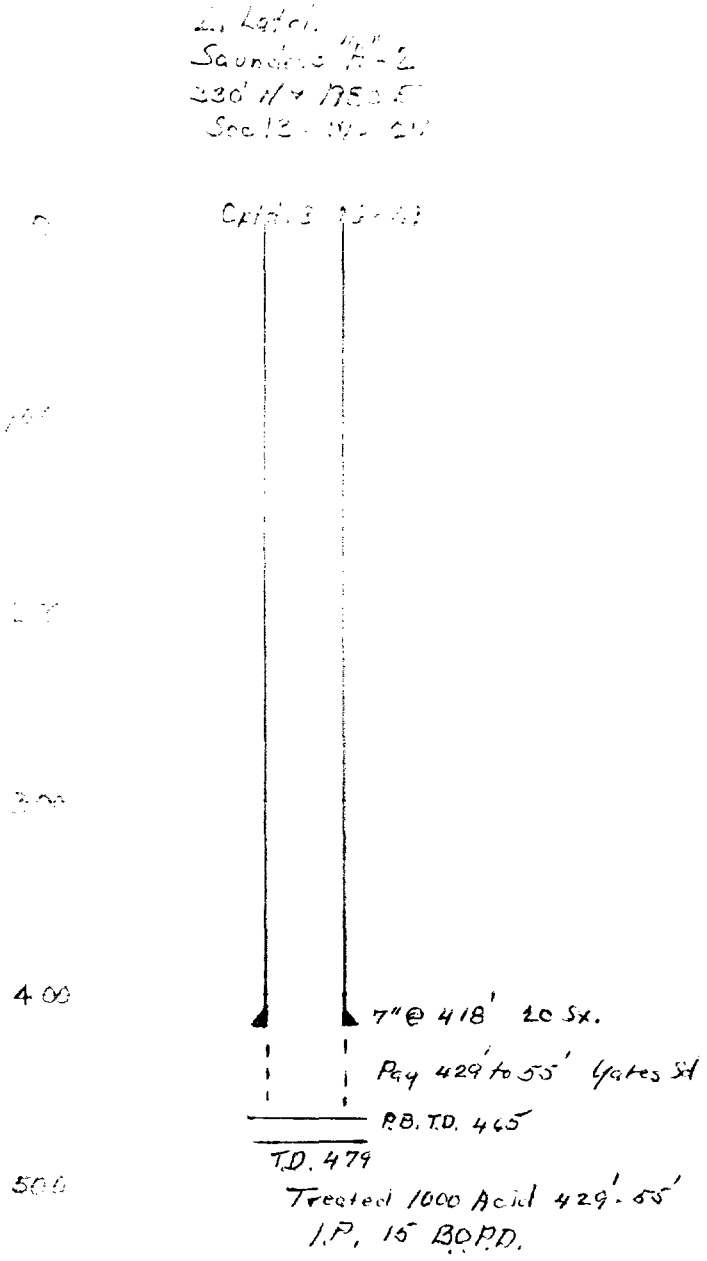
L. Latch
Travis #2
330'S + 1650 E
Sec 12 - 17 - 27



L. Latch
Travis #3
330' S + 990' E
Sec. 12 - 17 - 27

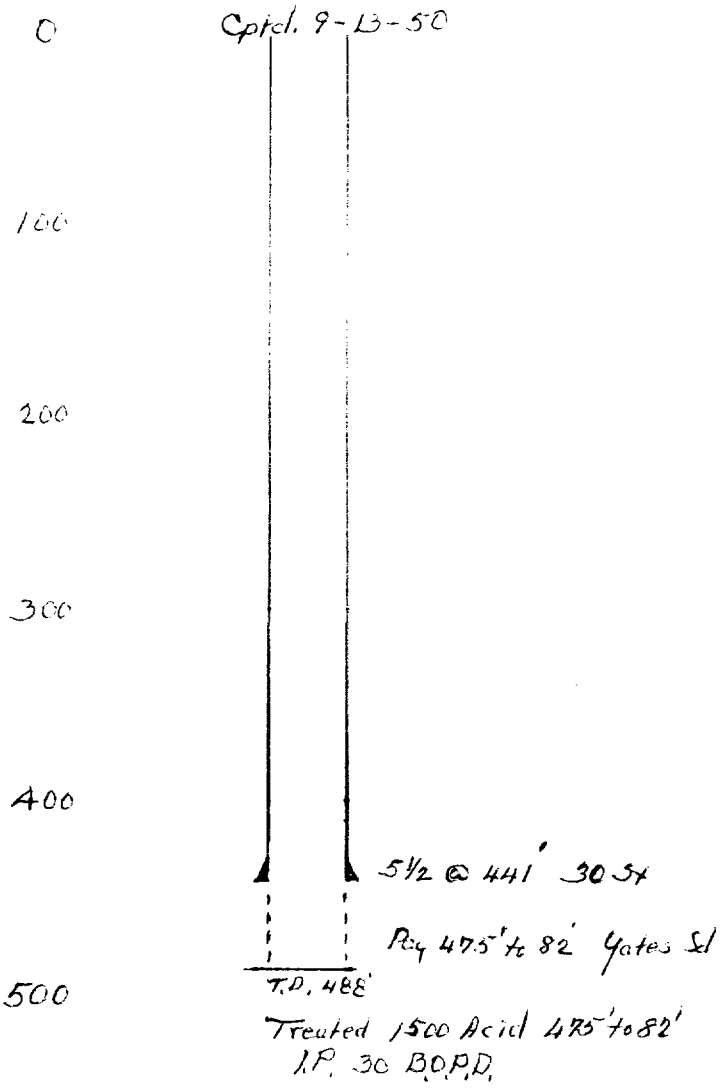


BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
_____ EXHIBIT NO. _____
CASE NO. _____



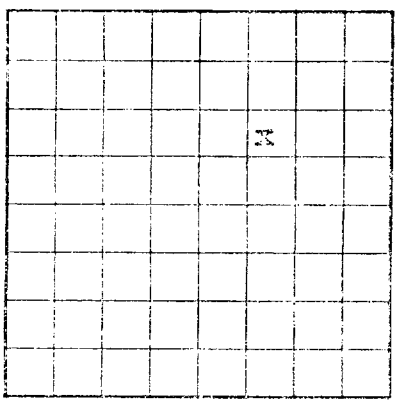
BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
_____ EXHIBIT NO. _____
CASE NO. _____

L. Latch
Saunders "A" -6
1650' N & 1045' E
Sec. 13 - 17 - 27



BEFORE EXAMINER NUTTER
OIL CONSERVATION COMMISSION
_____ EXHIBIT NO. _____
CASE NO. _____

Form 9-330



LOCATE WELL CORRECTLY

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 048491 (a)
LEASE OR PERMIT TO PROSPECT Saunders

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Leonard Latch Address 1812 Texas Ave. Lubbock, Texas 79401

Lessor or Tract Saunders Field Empire State New Mexico

Well No. 6-A Sec. 13 T. 17 R. 27 Meridian N.M.P.M. County Eddy

Location 1650 ft. {N.} of ... Line and 1065 ft. {E.} of ... Line of 13 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 ...

Date 9-29-50 Title ...

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

Commenced drilling August 19, 1950 Finished drilling Sept. 13, 1950

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 478 to 482 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 110 to 120 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 From—	Perforated To—	Purpose
5½		8		441	Texas				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5½	441	30 sacks	Denton		

Appl Ex 4 (2 parts)
Ca 3929

PLUGS AND ADAPTERS

Heaving plug—Material ... Length ... Depth set ...

Adapters—Material ... Size ...

SHOOTING RECORD

Size shell	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
500 gal		acid		9-27	478-82	482
1000 gal		acid				

TOOLS USED

Rotary tools were used from 0 feet to 188 feet, and from ... feet to ... feet

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

DATES

9-29-50 Put to producing ..., 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 ... Gallons gasoline per 1,000 cu. ft. of gas ...

Rock pressure, lbs. per sq. in. ...

EMPLOYEES

Carl Eyler, Driller ..., Driller

Jason Black, Driller ..., Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	160	160	caliche & anhydrite
160	220	60	anhydrite water 110-120
220	225	5	blue shale
225	230	5	anhydrite
230	255	25	red rock
255	325	70	red rock & shells
325	335	10	anhydrite
335	365	30	red bed
365	385	20	anhydrite
385	390	5	brown lime
390	501	111	anhydrite
501	507	6	white lime
507	520	13	anhydrite
520	538	18	lime broken
538	542	4	brown lime oil pay
542	548	6	anhydrite total depth

(OVER)

16—67745

DAUGHERITY

BEDINGFIELD

PLAINS

N. EMPIRE

EMPIRE

Flood Area

Appl Ex 1