

Form 9-380

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079115
LEASE OR PERMIT TO PROSPECT Allen M. Tonkin
6-2-B

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Mac T. Anderson, Hadlock & Hadlock Address P. O. Box 613, Aztec,
Lessor or Tract Allen M. Tonkin Field W. Kutz Canyon State New Mexico
Well No. 6-2-B Sec. 14 T. 27 R. 12 Meridian N.E.P.M. County San Juan
Location 1650 (N.) of S. Line and 990 ft. (E.) of E. Line of Sec. 14 Elevation _____
(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.

Date June 2, 1951 Signed _____ Title _____

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

Commenced drilling April 22, 1951 Finished drilling May 24, 1951

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1644 to 1710 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 145 to 150 No. 3, from _____ to _____
No. 2, from 1540 to 1550 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>15 1/2"</u>				<u>45 ft.</u>		<u>None</u>			<u>Cave water</u>
<u>13"</u>				<u>1130 ft.</u>		<u>All</u>			<u>Water</u>
<u>10"</u>				<u>1130 ft.</u>		<u>All</u>			<u>Water</u>
<u>8"</u>				<u>1130 ft.</u>		<u>All</u>			<u>Water</u>
<u>7"</u>				<u>1579 ft.</u>		<u>All</u>			<u>Water</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>15 1/2"</u>	<u>45'</u>	<u>32 Sacks of Cement</u>	<u>Hand</u>		
<u>13"</u>	<u>315'</u>				
<u>10"</u>	<u>410'</u>				
<u>8"</u>	<u>1130'</u>				
<u>7"</u>	<u>1579'</u>				

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
<u>5 1/2"</u>	<u>65 ft.</u>	<u>Jell</u>	<u>300 lbs.</u>	<u>16</u>	<u>1645-1710</u>	<u>1710</u>
<u>5 1/2"</u>	<u>60 ft.</u>	<u>Jell</u>	<u>300 lbs.</u>	<u>20</u>	<u>1640-1700</u>	<u>1700</u>

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 1760 feet, and from _____ feet to _____ feet

DATES

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

Jim Sturdevant, Driller Richard Reilley, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>155</u>	<u>155</u>	<u>Sand (water)</u>
<u>155</u>	<u>195</u>	<u>40</u>	<u>Shale</u>
<u>195</u>	<u>205</u>	<u>10</u>	<u>Sand</u>
<u>205</u>	<u>275</u>	<u>60</u>	<u>Shale</u>
<u>275</u>	<u>310</u>	<u>35</u>	<u>Sand</u>
<u>310</u>	<u>460</u>	<u>150</u>	<u>Sandy shale</u>
<u>460</u>	<u>500</u>	<u>40</u>	<u>Sand</u>
<u>500</u>	<u>530</u>	<u>30</u>	<u>Green shale</u>
<u>530</u>	<u>645</u>	<u>115</u>	<u>Sandy shale</u>
<u>645</u>	<u>1020</u>	<u>375</u>	<u>Shale</u>
<u>1020</u>	<u>1060</u>	<u>40</u>	<u>Sand (water)</u>
<u>1060</u>	<u>1345</u>	<u>285</u>	<u>Shale</u>
<u>1345</u>	<u>1350</u>	<u>5</u>	<u>Coal</u>
<u>1350</u>	<u>1540</u>	<u>190</u>	<u>Shale</u>
<u>1540</u>	<u>1550</u>	<u>10</u>	<u>Coal (Coal Gas & water)</u>
<u>1550</u>	<u>1605</u>	<u>55</u>	<u>Sandy shale</u>
<u>1605</u>	<u>1640</u>	<u>35</u>	<u>Sand & Bentonite</u>
<u>1640</u>	<u>1644</u>	<u>4</u>	<u>Sand (Show of Gas)</u>
<u>1644</u>	<u>1674</u>	<u>30</u>	<u>Sand</u>
<u>1674</u>	<u>1690</u>	<u>16</u>	<u>Shale</u>
<u>1690</u>	<u>1710</u>	<u>20</u>	<u>Sand</u>
<u>1710</u>	<u>1725</u>	<u>15</u>	<u>Sandy shale</u>
<u>1725</u>	<u>1745</u>	<u>20</u>	<u>Sand</u>
<u>1745</u>	<u>1760</u>	<u>15</u>	<u>Sandy shale Total Depth</u>

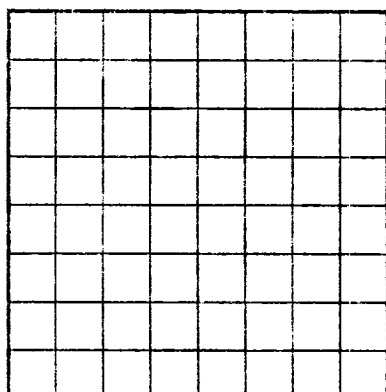
Approved expires 11-30-40.
Budget Bureau No. 42-153251.

Approved by the Board of Directors: 11-30-40.

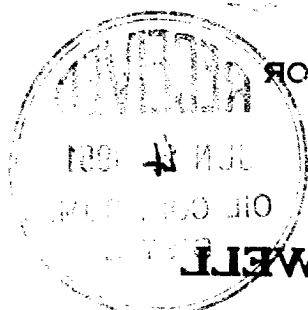
U. S. LAND OFFICE

SERIAL NUMBER

PLEASE OR PERMIT TO PROSECT



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



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.

Location $\left\{ \begin{array}{l} \text{ft. N.} \\ \text{ft. S.} \end{array} \right\}$ of Line and $\frac{\text{ft. E.}}{\text{ft. W.}}$ of Line of _____

Well No. _____ Sec. _____ T. _____ R. _____ Meridian _____ County _____ State _____

Lessor or Trust _____

Address _____

Company _____

_____ Date _____
 _____ Title _____
 _____ Signed _____

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

_____ 19 _____
 _____ Finished drilling _____

OIL OR GAS SANDS OR ZONES		(Denote gas by G)	
No. 1, from	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	to	No. 3, from	to
No. 2, from	to	No. 4, from	to

Casing	Size	Weight	Threads per foot	Make	Amount	Kind of shoe	Cut and pulled from	From— To—	Perforated	Pressure
It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, 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 "detached", 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]

Material	Size	Length	Depth set	PLUGS AND ADAPTERS
Leaving plug				
Adapters				

SHOOTING RECORD					
Size	Shell used	Explosive used	Quantity	Date	Depth shot
					Depth cleaned out

Cable tools were used from		to		feet, and from		feet to	
100							
100							

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____	Put to producing _____, 19____	DATES
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Rock pressure lbs. per sq. in.	_____
Gas well, cu. ft. per 24 hours	_____
emulsion; _____	_____
% water; and _____	_____
% sediment.	_____

Gravity, °Be. _____

Gallons gasoline per 1,000 cu. ft. of gas _____

Driller	Driller	EMPLOYEES	Driller
Driller	Driller		Driller

FORMATION	TOTAL FEET	TO-	FROM-
Gravelly sand	10	100	0
Sand	10	110	10
Gravelly sand	10	120	10
Sand	10	130	10
Gravelly sand	10	140	10
Sand	10	150	10
Gravelly sand	10	160	10
Sand	10	170	10
Gravelly sand	10	180	10
Sand	10	190	10
Gravelly sand	10	200	10
Sand	10	210	10
Gravelly sand	10	220	10
Sand	10	230	10
Gravelly sand	10	240	10
Sand	10	250	10
Gravelly sand	10	260	10
Sand	10	270	10
Gravelly sand	10	280	10
Sand	10	290	10
Gravelly sand	10	300	10
Sand	10	310	10
Gravelly sand	10	320	10
Sand	10	330	10
Gravelly sand	10	340	10
Sand	10	350	10
Gravelly sand	10	360	10
Sand	10	370	10
Gravelly sand	10	380	10
Sand	10	390	10
Gravelly sand	10	400	10
Sand	10	410	10
Gravelly sand	10	420	10
Sand	10	430	10
Gravelly sand	10	440	10
Sand	10	450	10
Gravelly sand	10	460	10
Sand	10	470	10
Gravelly sand	10	480	10
Sand	10	490	10
Gravelly sand	10	500	10
Sand	10	510	10
Gravelly sand	10	520	10
Sand	10	530	10
Gravelly sand	10	540	10
Sand	10	550	10
Gravelly sand	10	560	10
Sand	10	570	10
Gravelly sand	10	580	10
Sand	10	590	10
Gravelly sand	10	600	10
Sand	10	610	10
Gravelly sand	10	620	10
Sand	10	630	10
Gravelly sand	10	640	10
Sand	10	650	10
Gravelly sand	10	660	10
Sand	10	670	10
Gravelly sand	10	680	10
Sand	10	690	10
Gravelly sand	10	700	10
Sand	10	710	10
Gravelly sand	10	720	10
Sand	10	730	10
Gravelly sand	10	740	10
Sand	10	750	10
Gravelly sand	10	760	10
Sand	10	770	10
Gravelly sand	10	780	10
Sand	10	790	10
Gravelly sand	10	800	10
Sand	10	810	10
Gravelly sand	10	820	10
Sand	10	830	10
Gravelly sand	10	840	10
Sand	10	850	10
Gravelly sand	10	860	10
Sand	10	870	10
Gravelly sand	10	880	10
Sand	10	890	10
Gravelly sand	10	900	10
Sand	10	910	10
Gravelly sand	10	920	10
Sand	10	930	10
Gravelly sand	10	940	10
Sand	10	950	10
Gravelly sand	10	960	10
Sand	10	970	10
Gravelly sand	10	980	10
Sand	10	990	10
Gravelly sand	10	1000	10
Sand	10	1010	10
Gravelly sand	10	1020	10
Sand	10	1030	10
Gravelly sand	10	1040	10
Sand	10	1050	10
Gravelly sand	10	1060	10
Sand	10	1070	10
Gravelly sand	10	1080	10
Sand	10	1090	