

U. S. LAND OFFICE _____
SERIAL NUMBER **NM-037489 A** _____
LEASE OR ~~PERMIT~~ TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Sec. 18 T24S R31E

LOG OF OIL OR GAS WELL

Company CHARLES B. READ Address c/o Oil Reports and Gas Services
 Lessor or Tract Ritchie Federal Field Box 763 Hobbs, N.M. State Eddy N.M.
 Well No. 1 Sec. 18 T. 24S. R. 31E Meridian NMPM County Eddy
 Location 660 ft. ^[N.]_[S.] of 3 Line and 660 ft. ^[E.]_[W.] of E Line of Sec. 18 Elevation 3514 MDB
 (Describe Section plat below)

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 _____ *Robt. S. ...*

Date 9/1/61 Title Agent

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

Commenced drilling 8/12/61, 1961 Finished drilling 8/21/61, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

No. 5, from _____ to _____

No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	302	175 sx 125 8% gel	50 sx reg 2% CaCl circ	P&P	

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 4368 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

-----Dry and Abd-----, 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 _____

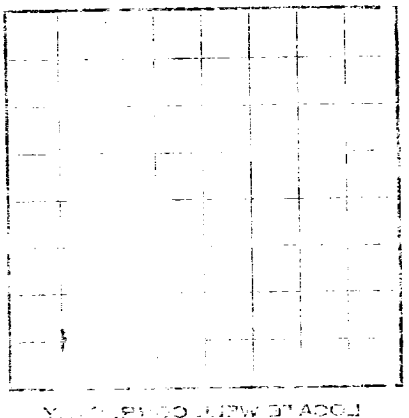
Rock pressure, lbs. per sq. in.

EMPLOYEES

R. E. Shields	Driller	J. J. Richardson	Driller
C. F. Martin	Driller	E. L. Bliss	Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	310		Red Bed
310	1020		Shale and Anhy
1020	2080		Salt
2080	2740		Anhy
2740	2900		Salt & Anhy
2900	3207		Anhy
3207	3710		Salt
3710	4200		Anhy
4200	4368	TD	Sand and Shale
		Core No. 1	
		4300-4350	Recovered 50'
		4301-4312	Fine grain silty sand w/shale inclusions
		4313-4319	Very tight, fine grain shaley sand
		4321-4328	Shale slightly sandy
		4330-4350	Very tight calcareous sand w/shale inclusions
		Core No. 2	
		4350-4368	Very tight shaley sand



LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

See. 18 Twp. 36N.

Company: _____
Operator or Owner: _____
Well No.: _____
Location: _____
The information herein is a complete and correct record of the well and all work done thereon.
Signed: _____

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

OIL OR GAS SANDS OR ZONES

(Denote by G)

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____

IMPORTANT WATER SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____

CASING RECORD

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 "sidetracked," or left in the well, give its size and location. If the well has been damaged, give date, size, position, and number of shoes. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or pulling.

HISTORY OF OIL OR GAS WELL

MUDGING AND CEMENTING RECORD

Amount of mud used _____
Mud gravity _____
Mud used _____

PLUGS AND ADAPTERS

Adapter _____
Plug _____

SHOOTING RECORD

Size _____
Well used _____
Explosive used _____
Quantity _____
Date _____
Depth shot _____

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.
Cable tools were used 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.
It gas well, on the first 24 hours _____ Gallons gasoline per 1000 cu. ft. of gas.
Block pressure, lbs. per sq. in. _____

EMPLOYEES

Driller _____
Driller _____
Driller _____

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	10	10	Red bed
10	20	20	Shale and sand
20	30	30	Shale
30	40	40	Shale
40	50	50	Shale
50	60	60	Shale
60	70	70	Shale
70	80	80	Shale
80	90	90	Shale
90	100	100	Shale
100	110	110	Shale
110	120	120	Shale
120	130	130	Shale
130	140	140	Shale
140	150	150	Shale
150	160	160	Shale
160	170	170	Shale
170	180	180	Shale
180	190	190	Shale
190	200	200	Shale
200	210	210	Shale
210	220	220	Shale
220	230	230	Shale
230	240	240	Shale
240	250	250	Shale
250	260	260	Shale
260	270	270	Shale
270	280	280	Shale
280	290	290	Shale
290	300	300	Shale
300	310	310	Shale
310	320	320	Shale
320	330	330	Shale
330	340	340	Shale
340	350	350	Shale
350	360	360	Shale
360	370	370	Shale
370	380	380	Shale
380	390	390	Shale
390	400	400	Shale
400	410	410	Shale
410	420	420	Shale
420	430	430	Shale
430	440	440	Shale
440	450	450	Shale
450	460	460	Shale
460	470	470	Shale
470	480	480	Shale
480	490	490	Shale
490	500	500	Shale
500	510	510	Shale
510	520	520	Shale
520	530	530	Shale
530	540	540	Shale
540	550	550	Shale
550	560	560	Shale
560	570	570	Shale
570	580	580	Shale
580	590	590	Shale
590	600	600	Shale
600	610	610	Shale
610	620	620	Shale
620	630	630	Shale
630	640	640	Shale
640	650	650	Shale
650	660	660	Shale
660	670	670	Shale
670	680	680	Shale
680	690	690	Shale
690	700	700	Shale
700	710	710	Shale
710	720	720	Shale
720	730	730	Shale
730	740	740	Shale
740	750	750	Shale
750	760	760	Shale
760	770	770	Shale
770	780	780	Shale
780	790	790	Shale
790	800	800	Shale
800	810	810	Shale
810	820	820	Shale
820	830	830	Shale
830	840	840	Shale
840	850	850	Shale
850	860	860	Shale
860	870	870	Shale
870	880	880	Shale
880	890	890	Shale
890	900	900	Shale
900	910	910	Shale
910	920	920	Shale
920	930	930	Shale
930	940	940	Shale
940	950	950	Shale
950	960	960	Shale
960	970	970	Shale
970	980	980	Shale
980	990	990	Shale
990	1000	1000	Shale