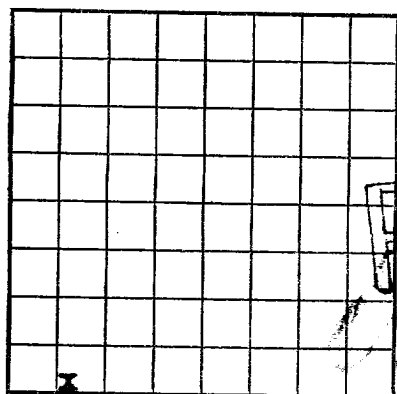


U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **029342 (a)**
LEASE OR PERMIT TO PROSPECT **M**

LOCATE WELL CORRECTLY

RECEIVED
OCT 2 1952
Cons. Comm.
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYGEOLOGICAL SURVEY
RECEIVED
SEP 15 1952
ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

Company **M.A. WOOLLEY** Address **Box 398, Loco Hills**
Lessor or Tract **same** Field **Fren Extension** State **New Mexico**
Mo Intyre **5-A Sec. 21** T. **17** R. **30** Meridian **N.M.P.M.** County **Eddy**
Well No. **5-A** Location **330 ft. [N.] of S** Line and **990 ft. [E.] of W** Line of **Sec. 21** Elevation **3633'**
(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 **J. L. Briscoe**Date **September 11, 1952** Title **Superintendent**

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

Commenced drilling **August 14**, 19**52** Finished drilling **September 7**, 19**52**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **1765'** to **1774'** 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 **410'** 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		Purpose
							From—	To—	
8 5/8"	24 1/2	8 rd	Natl.	525'					
7"	20 1/2	8 rd	"	1774'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	525'	50	Denton OWC	heavy	top to bottom
7"	1774'	50	Halliburton	"	" " "

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
5"		Solidified nitro	200	9/4	1799' to 1850'	to bottom

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from **0** feet to **1880** feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing **Sept. 10**, 19**52**The production for the first 24 hours was **25** barrels of fluid of which **100** % 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

O.L. ANDERSON _____, Driller _____, Driller
W.H. SETTLEMIRE _____, Driller **C.E. DAVIS** _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	5	5	sand
5	15	10	caliche
15	110	95	red bed
110	185	75	red shale
185	255	70	red bed
255	300	45	anhydrite
300	335	35	gyp and anhydrite
335	410	75	anhydrite, red rock, blue shale
410	490	80	red bed and anhydrite shells
490	510	20	red bed
510	640	130	salt
640	1095	20	salt and potash
660	1095	435	salt
1095	1225	130	anhydrite
1225	1250	25	anhydrite and blue shale
1250	1255	5	anhydrite
1255	1260	5	blue shale
1260	1275	15	anhydrite
1275	1345	70	broken anhydrite and red rock
1345	1355	10	anhydrite
1355	1392	37	red bed
1392	1559	167	anhydrite
1559	1565	6	blue shale
1565	1664	99	anhydrite
1664	1678	14	anhydrite and brown lime

(OVER)

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
1676	1720	42	brown lime
1720	1760	40	anhydrite
1760	1774	14	anhydrite and brown lime
1774	1779	5	lime
1779	1790	11	grey lime
1790	1795	5	anhydrite and red shale (broken)
1795	1806	11	anhydrite
1806	1812	6	brown lime
1812	1832	20	anhydrite and brown lime and anhydrite
1832	1837	5	brown anhydrite
1837	1844	7	anhydrite
1844	1850	6	brown anhydrite
1850	1865	15	grey anhydrite
1865	1873	8	brown anhydrite
1873	1877	4	brown dolomite
1877	1880	3	no readable sample

HISTORY OF OIL OR GAS WELL

16-43094-1

U. S. GOVERNMENT PRINTING OFFICE

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 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.

This well was commenced drilling on August 14, 1952 and was completed on September 7, 1952, it was drilled to a total depth of 1880'.

525' of 8 5/8" 24# casing was set and 1774' of 7" 20# casing was set, each being set in 50 sacks of cement.

Base of pay is at 1850' and top of pay is at 1806'. There was 300' of oil in hole before shot and now is making 25 bbls per 24 hrs. It was shot with 200 qts solidified nitro.

Top of salt is 525' and base of salt is 1095'.

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OCT 12 1952