



LOCATE WELL CORRECTLY

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER 028775 B
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company American Republics Corpn. Address Box 547 - Artesia, New Mexico
 Lessor or Tract F. M. Robinson Field Grayburg-Jackson State New Mexico
 Well No. 12-B Sec. 27 T. 17S R. 29E Meridian NMPM County Eddy
 Location 1980 Ft. {N.} of N. Line and 660 Ft. {E.} of E. Line of Section 27 Elevation 3573

Signed W. E. Macey
Title Superintendent

Date October 31, 1946 Title Superintendent

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

Commenced drilling September 8, 1946 Finished drilling October 26 19 46

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from 2700 to 2902 (broken)	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 RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
2 1/2	10	10	10	10	10	10	10	10	10
3	12	12	12	12	12	12	12	12	12
4	14	14	14	14	14	14	14	14	14
5	16	16	16	16	16	16	16	16	16
6	18	18	18	18	18	18	18	18	18
7	20	20	20	20	20	20	20	20	20
8	22	22	22	22	22	22	22	22	22
9	24	24	24	24	24	24	24	24	24
10	26	26	26	26	26	26	26	26	26
11	28	28	28	28	28	28	28	28	28
12	30	30	30	30	30	30	30	30	30
13	32	32	32	32	32	32	32	32	32
14	34	34	34	34	34	34	34	34	34
15	36	36	36	36	36	36	36	36	36
16	38	38	38	38	38	38	38	38	38
17	40	40	40	40	40	40	40	40	40
18	42	42	42	42	42	42	42	42	42
19	44	44	44	44	44	44	44	44	44
20	46	46	46	46	46	46	46	46	46
21	48	48	48	48	48	48	48	48	48
22	50	50	50	50	50	50	50	50	50
23	52	52	52	52	52	52	52	52	52
24	54	54	54	54	54	54	54	54	54
25	56	56	56	56	56	56	56	56	56
26	58	58	58	58	58	58	58	58	58
27	60	60	60	60	60	60	60	60	60
28	62	62	62	62	62	62	62	62	62
29	64	64	64	64	64	64	64	64	64
30	66	66	66	66	66	66	66	66	66
31	68	68	68	68	68	68	68	68	68
32	70	70	70	70	70	70	70	70	70
33	72	72	72	72	72	72	72	72	72
34	74	74	74	74	74	74	74	74	74
35	76	76	76	76	76	76	76	76	76
36	78	78	78	78	78	78	78	78	78
37	80	80	80	80	80	80	80	80	80
38	82	82	82	82	82	82	82	82	82
39	84	84	84	84	84	84	84	84	84
40	86	86	86	86	86	86	86	86	86
41	88	88	88	88	88	88	88	88	88
42	90	90	90	90	90	90	90	90	90
43	92	92	92	92	92	92	92	92	92
44	94	94	94	94	94	94	94	94	94
45	96	96	96	96	96	96	96	96	96
46	98	98	98	98	98	98	98	98	98
47	100	100	100	100	100	100	100	100	100

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	387	50	Halliburton		
7"	2681	100	" "		4 sacks

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 Surface feet to TD feet, and from _____ feet to _____ feet

DATES

-----, 19----- Put to producing October 29, 19 46

The production for the first 24 hours was 126 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

EMPLOYEES	
Prewer Drilling Co.	Driller
Contractor	Driller
	Driller
	Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	15	15	Caliche
15	100	85	Fed bed
100	155	55	Anhydrite
155	270	115	Red shale
270	295	25	Anhydrite
295	315	20	Gyp
315	678	363	Salt
678	875	197	Anhydrite
875	885	10	Fed shale
885	2120	1235	Anhydrite
2120	2132	12	Lime
2132	2139	7	Red shale
2139	2902	763	Lime

LEON

10-

DATE _____

(OVER)

16-43094-2

FORNATION BECOMES COMPLICATED

A blank sheet of graph paper with a grid pattern. The grid consists of 10 columns and 8 rows of squares. The lines are black and the background is white. There is no text or other markings on the page.

LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

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 is $\left\{ \begin{array}{l} N. \\ S. \end{array} \right\}$ of $\left\{ \begin{array}{l} L. \\ W. \end{array} \right\}$ Line and $\left\{ \begin{array}{l} E. \\ W. \end{array} \right\}$ of $\left\{ \begin{array}{l} L. \\ W. \end{array} \right\}$ Line of Section $\left\{ \begin{array}{l} 1 \\ 2 \\ 3 \\ 4 \\ 5 \\ 6 \\ 7 \\ 8 \\ 9 \\ 10 \\ 11 \\ 12 \end{array} \right\}$ Township $\left\{ \begin{array}{l} N. \\ S. \end{array} \right\}$ Range $\left\{ \begin{array}{l} E. \\ W. \end{array} \right\}$ Meridian $\left\{ \begin{array}{l} T. \\ R. \end{array} \right\}$ County $\left\{ \begin{array}{l} N. \\ S. \end{array} \right\}$ State $\left\{ \begin{array}{l} N. \\ S. \end{array} \right\}$ Well No. $\left\{ \begin{array}{l} 1 \\ 2 \\ 3 \\ 4 \\ 5 \\ 6 \\ 7 \\ 8 \\ 9 \\ 10 \\ 11 \\ 12 \end{array} \right\}$ Lessor or Tract $\left\{ \begin{array}{l} 1 \\ 2 \\ 3 \\ 4 \\ 5 \\ 6 \\ 7 \\ 8 \\ 9 \\ 10 \\ 11 \\ 12 \end{array} \right\}$ Company $\left\{ \begin{array}{l} 1 \\ 2 \\ 3 \\ 4 \\ 5 \\ 6 \\ 7 \\ 8 \\ 9 \\ 10 \\ 11 \\ 12 \end{array} \right\}$ Address $\left\{ \begin{array}{l} 1 \\ 2 \\ 3 \\ 4 \\ 5 \\ 6 \\ 7 \\ 8 \\ 9 \\ 10 \\ 11 \\ 12 \end{array} \right\}$ Elevation $\left\{ \begin{array}{l} 1 \\ 2 \\ 3 \\ 4 \\ 5 \\ 6 \\ 7 \\ 8 \\ 9 \\ 10 \\ 11 \\ 12 \end{array} \right\}$ (Enter a four letter to one letter)

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

Date October 31, 1946 Title Oil Well No. 1 signed J. H. Smith

Commenced drilling _____ September 2, 1948 _____
Finished drilling _____ October 26, 1948 _____

OIL OR GAS SANDS OR ZONES

OIL OR GAS SANDS OR ZONES

(D) *Debate over the*

No. 1, from _____ to _____	No. 1, from _____ to _____
No. 2, from _____ to _____	No. 2, from _____ to _____
No. 3, from _____ to _____	No. 3, from _____ to _____
No. 4, from _____ to _____	No. 4, from _____ to _____
No. 5, from _____ to _____	No. 5, from _____ to _____
No. 6, from _____ to _____	No. 6, from _____ to _____

IMPORTANT WATER SANDS

..... to from No. 3

..... to from No. 4

CASING RECORD

Five cent stamp	Weight per 1000	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated To From	Date
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It is of the greatest importance to have a complete history of the well. Please state in detail the dates of re-drilling, 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 "mudded" 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 plungers or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

I-3803-91

U. S. GOVERNMENT PRINTING OFFICE

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

EMPLOYEES			
Driller		Driller	
Driller		Driller	
Gallons gasoline per 1,000 cu. ft. of gas			
Gravity, °Ba			
The production for the first 24 hours was			
1/2 water and 1/2 sediment			
Rock pressure, lbs. per sq. in.			
It gas well out for 24 hours			
DATES			
Put to producing			
Cable tools were used from			
Rig tools were used from			
TOOLS USED			
Depth cleaned out			
SHOOTING RECORD			
PLUGS AND ADAPTERS			
MIDDING AND CEMENTING RECORD			