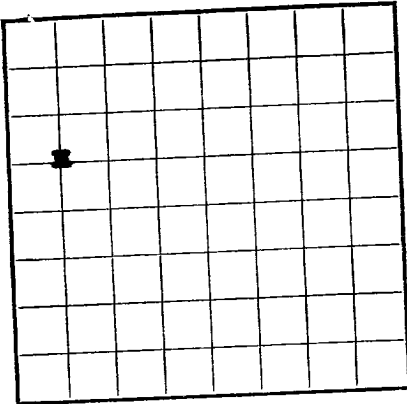


U. S. LAND OFFICE

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Monsanto Chemical Company Address Box 492, Snyder, Texas
Lessor or Tract Atlas Field Undesignated State New Mexico
Well No. 2 Sec. 34 T. 35N R. 10W Meridian NMPN County San Juan
Location 1900 ft. SE of N Line and 660 ft. E of N Line of Sec. 34 Elevation 6730 D.F.
(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.
Signed E. M. Muhlback Title E. M. Muhlback, Dist. Supt.

Date 11-5-57

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

Commenced drilling 4-30, 1957 Finished drilling 9-10, 1957

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 5286 to 5302
No. 2, from 5318 to 5336
No. 3, from _____ to _____
No. 4, from _____ to _____
No. 5, from _____ to _____
No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None Encountered to _____
No. 2, from _____ to _____
No. 3, 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—	
<u>8-5/8</u>	<u>32</u>	<u>8</u>	<u>225.77</u>	<u>Flange</u>					<u>Surface</u>
<u>5 1/2</u>	<u>35.30</u>	<u>8</u>	<u>225.77</u>	<u>Flange</u>					<u>221.75</u>
<u>5 1/2</u>	<u>35.30</u>	<u>8</u>	<u>225.77</u>	<u>Flange</u>					<u>221.75</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8</u>	<u>237.07</u>	<u>150</u>	<u>Displaced and plug</u>		
<u>5 1/2</u>	<u>5398</u>	<u>150</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

TOOLS USED

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

DATES

Put to producing _____, 19____
The production for the first 24 hours was _____ barrels of fluid of which 11-5 % was oil; 57 %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 79.6
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas 41.4 @ 60° F
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

G. W. Riley, Inc., Driller
J. H. Blackburne, Driller
R. V. Harlan, Driller
J. A. Craig, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	390	390	Sandstone
390	750	360	Shale, w/occasional sandstone lenses
750	920	170	Sandstone
920	1620	700	Shale
1620	1630	10	Oil
1630	1720	90	Sandstone
1720	2050	330	Shale
2050	2190	140	Siltstone
2190	2400	210	Shale w/occasional Siltstone Stringers
2400	3000	600	Sandstone w/numerous thin shale beds
3000	3140	140	Shale, slightly silty
3140	3210	70	Sandstone
3210	3380	170	Shale w/occasional siltstone
3380	3400	20	Sandstone
3400	3590	190	Shale, w/occasional sandstone beds
3590	3690	100	Sandstone
3690	3770	80	Shale
3770	3990	220	Sandstone
3990	4090	90	Shale
4090	4290	200	Sandstone
4290	4390	100	Shale, w/occasional siltstone beds
4390	4490	100	Sandstone w/shale interbeds
4490	4590	100	Shale
4590	4690	100	Sandstone w/numerous thin shale beds
4690	4790	100	Shale w/occasional siltstone laminations
4790	4890	100	Sandstone

FORMATION RECORD—Continued

LOG OF OIL OR GAS WELL

A blank sheet of graph paper with a grid pattern. The grid consists of horizontal and vertical lines forming squares. There are approximately 10 columns and 8 rows visible. A small dark mark or smudge is present near the center-right of the page.

YALOWA TOC MICHIGAN

Date _____

Title _____

The information given herein is a complete and correct record of the full and true work done by person
of _____ at _____ from _____ to _____
at _____, _____, _____ of _____
_____ County, _____ State _____
Address _____

Date 12-2-52
 The amount on this page is for the condition of the well as above dated.
 Estimated drilling 4-19-52 Finished drilling

OIL OR GAS SANDS OR ZONES

2000

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

IMPORTANT WATER SANDS

~~CONFIDENTIAL~~

TRAINING RECORD

NAME	ADDRESS	PHONE	DATE	TIME	REMARKS
Mr. J. H. Smith	123 Main St.	456-7890	10/1/54	10:00 AM	Called for information
Mr. W. R. Jones	456 Elm St.	789-0123	10/1/54	11:30 AM	Called for information
Mr. T. L. Brown	789 Oak St.	012-3456	10/1/54	1:00 PM	Called for information
Mr. S. K. Davis	012 Pine St.	345-6789	10/1/54	2:30 PM	Called for information
Mr. M. N. Wilson	345 Cedar St.	678-9012	10/1/54	3:00 PM	Called for information
Mr. L. P. Moore	678 Birch St.	901-2345	10/1/54	4:00 PM	Called for information
Mr. R. Q. Taylor	901 Spruce St.	234-5678	10/1/54	5:00 PM	Called for information
Mr. Y. Z. Baker	234 Fir St.	567-8901	10/1/54	6:00 PM	Called for information
Mr. A. B. Carter	567 Willow St.	890-1234	10/1/54	7:00 PM	Called for information
Mr. C. D. Evans	890 Poplar St.	123-4567	10/1/54	8:00 PM	Called for information
Mr. F. G. Hall	123 Sycamore St.	456-7890	10/1/54	9:00 PM	Called for information
Mr. I. J. King	456 Chestnut St.	789-0123	10/1/54	10:00 PM	Called for information
Mr. K. L. Scott	789 Walnut St.	012-3456	10/1/54	11:00 PM	Called for information
Mr. M. N. Adams	012 Hickory St.	345-6789	10/1/54	12:00 PM	Called for information
Mr. P. Q. Baker	345 Maple St.	678-9012	10/1/54	1:00 PM	Called for information
Mr. R. S. Carter	678 Oak St.	901-2345	10/1/54	2:00 PM	Called for information
Mr. T. U. Evans	901 Pine St.	234-5678	10/1/54	3:00 PM	Called for information
Mr. V. W. Hall	234 Spruce St.	567-8901	10/1/54	4:00 PM	Called for information
Mr. X. Y. King	567 Fir St.	890-1234	10/1/54	5:00 PM	Called for information
Mr. Z. A. Scott	890 Willow St.	123-4567	10/1/54	6:00 PM	Called for information
Mr. B. C. Adams	123 Poplar St.	456-7890	10/1/54	7:00 PM	Called for information
Mr. D. E. Baker	456 Sycamore St.	789-0123	10/1/54	8:00 PM	Called for information
Mr. F. G. Carter	789 Chestnut St.	012-3456	10/1/54	9:00 PM	Called for information
Mr. H. I. Evans	012 Walnut St.	345-6789	10/1/54	10:00 PM	Called for information
Mr. J. K. Hall	345 Hickory St.	678-9012	10/1/54	11:00 PM	Called for information
Mr. L. M. King	678 Maple St.	901-2345	10/1/54	12:00 PM	Called for information
Mr. N. O. Scott	901 Oak St.	234-5678	10/1/54	1:00 PM	Called for information
Mr. P. Q. Adams	234 Pine St.	567-8901	10/1/54	2:00 PM	Called for information
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Mr. H. I. Baker	890 Pine St.	123-4567	10/1/54	12:00 PM	Called for information
Mr. J. K. Carter	123 Spruce St.	456-7890	10/1/54	1:00 PM	Called for information
Mr. L. M. Evans					

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.

HISTORY OF OIL OR GAS WELL

[illegible]

PLUGS AND ADAPTERS

Adaptation-Material			
Flooring plug-Material			
Boards			

SHOOTING RECORD

[illegible]

TOOLS USED

[illegible]

25240

[Faint handwritten notes at bottom]

[illegible]

23 JUL 1964

	Differ	7/8	\$950		
	Differ	1/2	\$360		

INFORMATION CORD

FROM -	TO -	TOTAL FEET
5905	5917	12
5917	5926	19
5926	5936	10
5936	5946	10
5946	5956	10
5956	5966	10
5966	5976	10
5976	5986	10
5986	5996	10
5996	6006	10
6006	6016	10
6016	6026	10
6026	6036	10
6036	6046	10
6046	6056	10
6056	6066	10
6066	6076	10
6076	6086	10
6086	6096	10
6096	6106	10
6106	6116	10
6116	6126	10
6126	6136	10
6136	6146	10
6146	6156	10
6156	6166	10
6166	6176	10
6176	6186	10
6186	6196	10
6196	6206	10
6206	6216	10
6216	6226	10
6226	6236	10
6236	6246	10
6246	6256	10
6256	6266	10
6266	6276	10
6276	6286	10
6286	6296	10
6296	6306	10
6306	6316	10
6316	6326	10
6326	6336	10
6336	6346	10
6346	6356	10
6356	6366	10
6366	6376	10
6376	6386	10
6386	6396	10
6396	6406	10
6406	6416	10
6416	6426	10
6426	6436	10
6436	6446	10
6446	6456	10
6456	6466	10
6466	6476	10
6476	6486	10
6486	6496	10
6496	6506	10
6506	6516	10
6516	6526	10
6526	6536	10
6536	6546	10
6546	6556	10
6556	6566	10
6566	6576	10
6576	6586	10
6586	6596	10
6596	6606	10
6606	6616	10
6616	6626	10
6626	6636	10
6636	6646	10
6646	6656	10
6656	6666	10
6666	6676	10
6676	6686	10
6686	6696	10
6696	6706	10
6706	6716	10
6716	6726	10
6726	6736	10
6736	6746	10
6746	6756	10
6756	6766	10
6766	6776	10
6776	6786	10
6786	6796	10
6796	6806	10
6806	6816	10
6816	6826	10
6826	6836	10
6836	6846	10
6846	6856	10
6856	6866	10
6866	6876	10
6876	6886	10
6886	6896	10
6896	6906	10
6906	6916	10
6916	6926	10
6926	6936	10
6936	6946	10
6946	6956	10
6956	6966	10
6966	6976	10
6976	6986	10
6986	6996	10
6996	7006	10
7006	7016	10
7016	7026	10
7026	7036	10
7036	7046	10
7046	7056	10
7056	7066	10

FORMATION RECORD—Continued

For treatment record, etc., please refer to Form 9-131 & covering this work.

[illegible]

FROM -	TO -	TOTAL FEET	FORMATION RECORD - Continued
305	307	12	FORMATION