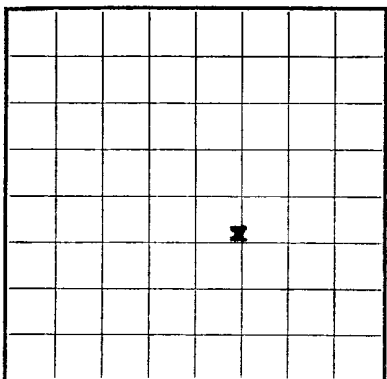


Form 9-330



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 Wildcat State New Mexico
Well No. 1 Sec. 14 T. 25N R. 10W Meridian NMPN County San Juan
Location 1966 ft. N of S Line and 1979 ft. W of E Line of Sec. 14 Elevation 6782 G.L.
(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 E. E. Muhlbach
Date 3-16-57 Title E. E. Muhlbach, Dist. Supt.

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

Commenced drilling 1-23-, 19 57 Finished drilling 2-14-, 19 57

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

No. 1, from 5362 to 5382 No. 4, from _____ to _____
~~No. 2, from 5394 to 5412~~ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None Encountered 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—	
<u>10-3/4"</u>	<u>42</u>	<u>8</u>		<u>298.46'</u>	<u>Float</u>				<u>Surface</u>
<u>5-1/2"</u>	<u>25.54</u>	<u>8</u>		<u>544.79'</u>	<u>Open Hole</u>		<u>5362</u>	<u>5412</u>	<u>Oil String</u>
<u>4"</u>	<u>47</u>			<u>544.0</u>	<u>Open Hole</u>		<u>5362</u>	<u>5412</u>	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>10-3/4"</u>	<u>215'</u>	<u>200</u>	<u>Displaced and Plug</u>		
<u>5-1/2"</u>	<u>5497.79'</u>	<u>300</u>	<u>"</u>	<u>"</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 0 feet to 5500 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

3-16-, 19 57 Put to producing 3-13-, 19 57
The production for the first 24 hours was 110 barrels of fluid of which 99.6 % was oil; _____ %
emulsion; _____ % water; and .4 % sediment. Gravity, °Bé. 41.4 @ 60° F.
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. Unknown

EMPLOYEES

Sage Drilling Company
E. L. Martin, Driller H. E. Wayman, Driller
P. O. Glover, Driller C. M. Lilly, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	200	200	Sand & Grey Shale
200	300	100	Sand
300	430	130	Grey Shale
430	510	80	Sandstone
510	1680	1170	Shale w/occasional sandstone stringers
1680	1700	20	Coal
1700	1800	100	Sandstone
1800	2100	300	Shale
2100	2300	200	Sand interbedded with shale
2300	2500	200	Shale
2500	3100	600	Sand with occasional shale interbeds
3100	3200	100	Shale
3200	3450	250	Sandstone w/occasional shale beds
3450	3800	350	Shale
3800	3860	60	Sandstone
3860	3920	60	Shale
3920	3980	60	Sandstone
3980	4190	210	Shale
4190	4360	170	Sandstone
4360	5360	1000	Shale w/occasional siltstone stringers
5360	5500	140	Sandstone
	5500		Total Depth <u>Tower Valley</u>

Transmitted with this form: Copy of Information Survey, 4 copies of Schlumberger Induction-Electrical Log and 4 copies of Schlumberger Flow Log.

MONRANTO CHEMICAL COMPANY'S

Atlas Well No. 1

NW/4 SE/4, Sec. 34, T 25 N, R 10 W

Wildcat Field, San Juan County, New Mexico

INCLINATION SURVEY

<u>DEPTH</u>	<u>DEGREE</u>
1800	1
2913	3/4
3170	1/2
3474	1
3497	1
3636	1
4070	1
4619	3/4
4778	3/4
4965	1-1/4
4966	1-3/4
5125	1-3/4
5292	1
5412	1-1/2