

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

Company Monsanto Chemical Company Address Box 1492, Snyder, Texas
Lessor or Tract Atlas Field Wildcat State New Mexico
Well No. 1 Sec. 34 T. 25N R. 16W Meridian NMPM County San Juan
Location 1966 ft. (N.) of S. Line and 1979 ft. (W.) of E. Line of Sec. 34 Elevation 6788 C.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 W. M. Muhlbach

Date 3-16-57 Title E. H. Nahlbach, 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

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

RECEIVED

No. 1, from ~~Name Encountered~~ -----
No. 2, from ----- to -----
No. 3, from ----- to 1-1-57
No. 4, from -----
of CON. COM.

[illegible]

FOLD | MARK

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
0-3/4"	25'	200	Displaced and Plug		
5-2/3"	5497.79'	300	"	"	

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ feet to **5500** feet, and from _____ feet to _____ feet

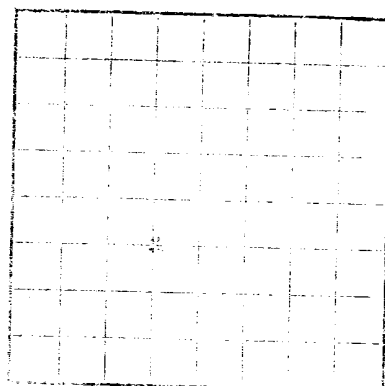
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

-----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-----	

Sage Drilling Company	Driller	H. E. Wayman	Driller
E. L. Martin	Driller	C. M. Lilly	Driller

FORMATION			
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

Transmitted with this form:	Copy of Imagination Survey, 4 copies of Schlumberger Induction-Electrical Log and 4 copies of Schlumberger Wire Log.	16-43094-4
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LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

UNITED STATES

LEASE OR PERMIT TO PROSPECT

SERIAL NUMBER OF LOG

U. S. LAND OFFICE

Approval expires 12-31-60

Budget Bureau No. 42-R-455.1

Company, Economic Minerals, Inc., Address, Box 100, P.O. Box 100, State, Kansas
 Location, 1000 ft. from top of ...
 The information on this page is for the condition of the well at above date.
 Date, 1-1-60

Continued drilling, 1-1-60
 Finished drilling, 1-1-60

OIL OR GAS SANDS OR ZONES

(Describe each zone)
 No. 1, from 1000 to 1000
 No. 2, from 1000 to 1000
 No. 3, from 1000 to 1000

IMPORTANT WATER SANDS

No. 1, from 1000 to 1000
 No. 2, from 1000 to 1000

CASING RECORD

Depth	From	To	Material	Amount	Notes
1000	1000	1000	Steel	1000	

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 the well has been dynamited, give date, size, position, and results of pumping or pulling of shots. 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

Depth	From	To	Material	Amount	Notes
1000	1000	1000	Steel	1000	

MUDGING AND CEMENTING RECORD

Depth	From	To	Material	Amount	Notes
1000	1000	1000	Steel	1000	

PLUGS AND ADAPTERS

Heaving plug—Material, 1000
 Adapter—Material, 1000

SHOOTING RECORD

Depth	From	To	Material	Amount	Notes
1000	1000	1000	Steel	1000	

TOOLS USED

Rotary tools were used from 1000 to 1000 feet and from 1000 to 1000 feet.
 Cable tools were used from 1000 to 1000 feet and from 1000 to 1000 feet.

DATES

The production for the first 1000 hours was 1000 barrels of oil and 1000 barrels of gas.
 The production for the next 1000 hours was 1000 barrels of oil and 1000 barrels of gas.

EMPLOYEES

Driller, 1000
 Helper, 1000

FORMATION RECORD

Depth	From	To	Material	Amount	Notes
1000	1000	1000	Steel	1000	

FORMATION

Formation, 1000
 Formation, 1000

FORMATION RECORD—Continued

Formation, 1000
 Formation, 1000

MONSANTO 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

1. The first part of the paper discusses the importance of the study of the history of the United States. It is argued that the study of the history of the United States is essential for a full understanding of the country and its people. The paper then goes on to discuss the various factors that have shaped the history of the United States, including the role of the federal government, the influence of the states, and the impact of the people.

2. The second part of the paper discusses the role of the federal government in the history of the United States. It is argued that the federal government has played a central role in the development of the country, and that its actions have shaped the course of American history.

3. The third part of the paper discusses the influence of the states on the history of the United States. It is argued that the states have played a significant role in the development of the country, and that their actions have shaped the course of American history.

4. The fourth part of the paper discusses the impact of the people on the history of the United States. It is argued that the people have played a central role in the development of the country, and that their actions have shaped the course of American history.