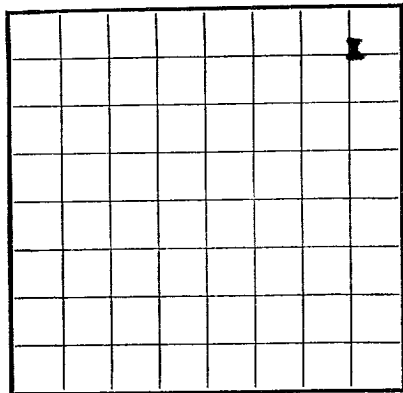
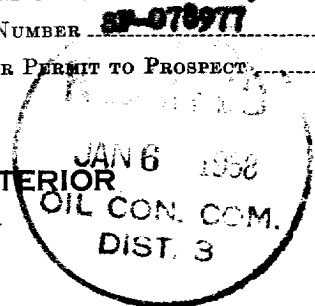


Form 9-330



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U.S. GEOLOGICAL SURVEY
FABRICIANO, TEXAS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Monsanto Chemical Company** Address **P.O. Box 192, Snyder, Texas**
Lessor or Tract **Vernon** Field **Undesignated** State **New Mexico**
Well No. **1** Sec. **19** T. **30 N** R. **13 W** Meridian **NMPM** County **San Juan**
Location **660** ft. **(N)** of **N** Line and **660** ft. **(E)** of **E** Line of **Sec. 19** Elevation **5580** **(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. H. Muhlbach**

Date **12-30-57** Title **E. H. Muhlbach, Dist. Supt.**

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

Commenced drilling **10-31**, 19**57** Finished drilling **12-3**, 19**57**

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

No. 1, from **5974** to **6070** 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 **None** 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	
10-3/4"	32.75	8.00	-	214	Flange				Surface
5 1/2"	25.30	8.00	-	6070	Flange		5974	6070	Oil string
					Float collar				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	226	175	Displaced & Plug		
5 1/2"	6222	1160	UV Tool		

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

DATES

12-30, 19**57** Put to producing **12-14**, 19**57**
The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours **1305** Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. **Not gauged**

EMPLOYEES

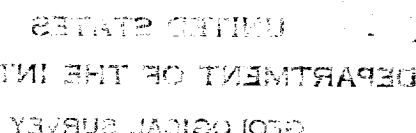
Sage Drilling Company
M. E. Rayman, Driller **Fred Brown**, Driller
Peak/Olover, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	230	230	sh. w/acc. sh. beds
230	560	330	sh. w/acc. sh. strgs.
560	560	5	sh. f.g.
565	590	25	sh. f.g.
590	620	30	sh. f.g.
620	1075	455	sh. w/acc. silt strgs.
1075	1090	15	sh. f.g.
1090	1360	270	sh. f.g.
1360	1370	10	Coal
1370	1525	155	sh. f.g. w/acc. thin sh. beds
1525	2500	975	sh. dr. gray
2500	2935	435	Silt & Sh. interbedded
2935	3093	158	sh. w/acc. sh. strgs.
3093	3100	7	Coal
3100	3170	70	sh. black
3170	3200	30	sh. & sh. interbedded
3200	3285	85	sh. dr. gray
3285	3335	50	sh. w/acc. sh. strgs.
3335	3365	30	sh. f.g.
3365	3430	65	sh. w/acc. thin sh. beds
3430	3570	140	silt & sh. m. ss w/num. sh. beds
3570	3600	30	sh. silty
3600	3650	50	sh. dr. gray
3650	3800	150	sh. f.g.
3800	3900	100	sh. f.g.
3900	4100	200	sh. f.g.

10-43094-4

At the time of the gas leak, the well had recovered 1335 bbls. of a total load of 2121 bbls. Rate of recovery of load at this time was 13 bbls. of load oil per hour.



LOCATE WELL CORRECTLY

1. ~~By the following information:~~ 12-11-81 State
 2. with grade 12 level to make a copy of the following
 3. and the following information: 12-11-81 State

REF ID: A66404

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reworking, 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 being.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

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INFORMATION RECORD - Continued