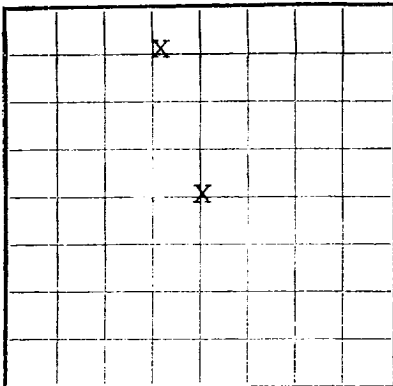




LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company **MONSANTO COMPANY** Address **Drawer 1829, Midland, Texas**
Lessor or Tract **Hondo** Field **Wildcat** State **New Mexico**
Well No. **1** Sec. **31** T**19S** R**25E** Meridian **NMPM** County **Eddy**
Location **660** ft. **N** of **N** Line and **660** ft. **E** of **W** Line of **Section 31** Elevation **3568** RKB
(Derick 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 _____

Date **November 20, 1964**Title **Regional Production Supt.**

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

Commenced drilling **September 15**, 1964 Finished drilling **November 5**, 1964

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **7548** to **7918** 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—	
13-3/8"	438	8	Baker	421	Baker	Surface			Surface
9-5/8"	160	8	Baker	1002	Baker	Int.			Int.
5-1/2"	13.5	8	Baker	7880	Baker	7759	7778		Prod.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8"	438'	330	Pump & Plug		
9-5/8"	1400'	515	Pump & Plug		
5-1/2"	7898'	390	Pump & Plug & Squeeze		

PLUGS AND ADAPTERS

Cement plug—Material **Cement** Length **175'** Depth set **8975'-9150'**
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
			NONE			

TOOLS USED

Rotary tools were used from **Surface** feet to **9300** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing **November 17**, 19**64**

The production for the first **51** hours was **175** barrels of fluid of which **43**% was oil; _____% emulsion; **57**% 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

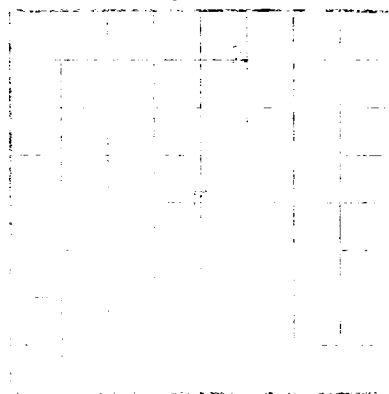
W. O. West, Driller **L. R. Williams**, Driller
J. R. Campbell, Driller **D. C. Murphy**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	74	74	Red bed and Sand
74	507	433	Red bed and Anhydrite
507	600	93	Lime & Shale
600	1256	656	Lime
1256	1329	73	Lime & Shale
1329	1400	71	Lime & Sand
1400	5406	4006	Lime & Shale
5406	5516	110	Lime & Sand
5516	5622	106	Lime & Shale
5622	5765	134	Dolomite & Shale
5765	6017	252	Dolomite
6017	6150	133	Lime & Dolomite
6150	6290	140	Sand & Dolomite
6290	7005	715	Shale & Lime
7005	7480	480	Shale & Sand
7480	7579	99	Shale
7579	7620	41	Lime
7620	7760	140	Lime & Dolomite
7760	7780	20	Dolomite & Chert
7780	7810	30	Sand & Dolomite
7810	7825	15	Lime & Chert
7825	7905	80	Lime & Shale
7905	7956	51	Dolomite

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES



Location of well, State, County, Township, Range, Section, and other data. The well is located in the State of Texas, County of Harris, Township of Houston, Range of 10, Section of 10. The well is owned by the Texas Oil & Gas Company, Inc., and is operated by the Texas Oil & Gas Company, Inc. The well is a production well and is used for the production of oil and gas.

The summary of the log is for the condition of the well at above date. The well is a production well and is used for the production of oil and gas. The well is owned by the Texas Oil & Gas Company, Inc., and is operated by the Texas Oil & Gas Company, Inc. The well is a production well and is used for the production of oil and gas.

OIL OR GAS SANDS OR ZONES

Depth from surface of well, in feet, to top of sand zone, and depth from surface of well, in feet, to bottom of sand zone. The sand zone is located at a depth of 10 feet from the surface of the well and extends to a depth of 20 feet from the surface of the well.

IMPORTANT WATER SANDS

Depth from surface of well, in feet, to top of water sand, and depth from surface of well, in feet, to bottom of water sand. The water sand is located at a depth of 10 feet from the surface of the well and extends to a depth of 20 feet from the surface of the well.

CASING RECORD

Depth from surface of well, in feet, to top of casing, and depth from surface of well, in feet, to bottom of casing. The casing is located at a depth of 10 feet from the surface of the well and extends to a depth of 20 feet from the surface of the well.

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 results for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "untracked" or left in the well, give its size and location. If the well has been dynamited, give date, 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

FROM-	TO-	FORMATION	TOTAL FEET	ELECTRIC LOG	EMPLOYEES	DATES	TOOLS USED	PHOTOGRAPHIC RECORD	PLUGS AND ADAPTERS	NOTES
7956	7974	Dolomite & Limestone	18							
7974	8195	Limestone & Sand	221							
8195	8418	Limestone & Dolomite	31							
8418	8449	Limestone & Sand	46							
8449	8495	Limestone & Shale	244							
8495	8739	Limestone & Chert	12							
8739	8751	Limestone, Chert & Shale	220							
8751	8971	Limestone	98							
8971	9069	Limestone & Sand	23							
9069	9300	Limestone & Sand	208							
9300	9418	Limestone & Sand	221							
9418	9449	Limestone & Dolomite	31							
9449	9495	Limestone & Sand	46							
9495	9739	Limestone & Shale	244							
9739	9751	Limestone & Chert	12							
9751	9971	Limestone, Chert & Shale	220							
9971	10069	Limestone	98							
10069	10092	Limestone & Sand	23							
10092	10300	Limestone & Sand	208							
10300	10418	Limestone & Sand	221							
10418	10449	Limestone & Dolomite	31							
10449	10495	Limestone & Sand	46							
10495	10739	Limestone & Shale	244							
10739	10751	Limestone & Chert	12							
10751	10971	Limestone, Chert & Shale	220							
10971	11069	Limestone	98							
11069	11092	Limestone & Sand	23							
11092	11300	Limestone & Sand	208							
11300	11418	Limestone & Sand	221							
11418	11449	Limestone & Dolomite	31							
11449	11495	Limestone & Sand	46							
11495	11739	Limestone & Shale	244							
11739	11751	Limestone & Chert	12							
11751	11971	Limestone, Chert & Shale	220							
11971	12069	Limestone	98							
12069	12092	Limestone & Sand	23							
12092	12300	Limestone & Sand	208							
12300	12418	Limestone & Sand	221							
12418	12449	Limestone & Dolomite	31							
12449	12495	Limestone & Sand	46							
12495	12739	Limestone & Shale	244							
12739	12751	Limestone & Chert	12							
12751	12971	Limestone, Chert & Shale	220							
12971	13069	Limestone	98							
13069	13092	Limestone & Sand	23							
13092	13300	Limestone & Sand	208							
13300	13418	Limestone & Sand	221							
13418	13449	Limestone & Dolomite	31							
13449	13495	Limestone & Sand	46							
13495	13739	Limestone & Shale	244							
13739	13751	Limestone & Chert	12							
13751	13971	Limestone, Chert & Shale	220							
13971	14069	Limestone	98							
14069	14092	Limestone & Sand	23							
14092	14300	Limestone & Sand	208							
14300	14418	Limestone & Sand	221							
14418	14449	Limestone & Dolomite	31							
14449	14495	Limestone & Sand	46							
14495	14739	Limestone & Shale	244							
14739	14751	Limestone & Chert	12							
14751	14971	Limestone, Chert & Shale	220							
14971	15069	Limestone	98							
15069	15092	Limestone & Sand	23							
15092	15300	Limestone & Sand	208							
15300	15418	Limestone & Sand	221							
15418	15449	Limestone & Dolomite	31							
15449	15495	Limestone & Sand	46							
15495	15739	Limestone & Shale	244							
15739	15751	Limestone & Chert	12							
15751	15971	Limestone, Chert & Shale	220							
15971	16069	Limestone	98							
16069	16092	Limestone & Sand	23							
16092	16300	Limestone & Sand	208							
16300	16418	Limestone & Sand	221							
16418	16449	Limestone & Dolomite	31							
16449	16495	Limestone & Sand	46							
16495	16739	Limestone & Shale	244							
16739	16751	Limestone & Chert	12							
16751	16971	Limestone, Chert & Shale	220							
16971	17069	Limestone	98							
17069	17092	Limestone & Sand	23							
17092	17300	Limestone & Sand	208							
17300	17418	Limestone & Sand	221							
17418	17449	Limestone & Dolomite	31							
17449	17495	Limestone & Sand	46							
17495	17739	Limestone & Shale	244							
17739	17751	Limestone & Chert	12							
17751	17971	Limestone, Chert & Shale	220							
17971	18069	Limestone	98							
18069	18092	Limestone & Sand	23							
18092	18300	Limestone & Sand	208							
18300	18418	Limestone & Sand	221							
18418	18449	Limestone & Dolomite	31							
18449	18495	Limestone & Sand	46							
18495	18739	Limestone & Shale	244							
18739	18751	Limestone & Chert	12							
18751	18971	Limestone, Chert & Shale	220							
18971	19069	Limestone	98							
19069	19092	Limestone & Sand	23							
19092	19300	Limestone & Sand	208							
19300	19418	Limestone & Sand	221							
19418	19449	Limestone & Dolomite	31							
19449	19495	Limestone & Sand	46							
19495	19739	Limestone & Shale	244							
19739	19751	Limestone & Chert	12							
19751	19971	Limestone, Chert & Shale	220							
19971	20069	Limestone	98							
20069	20092	Limestone & Sand	23							
20092	20300	Limestone & Sand	208							
20300	20418	Limestone & Sand	221							
20418	20449	Limestone & Dolomite	31							
20449	20495	Limestone & Sand	46							
20495	20739	Limestone & Shale	244							
20739	20751	Limestone & Chert	12							
20751	20971	Limestone, Chert & Shale	220							
20971	21069	Limestone	98							
21069	21092	Limestone & Sand	23							
21092	21300	Limestone & Sand	208							
21300	21418	Limestone & Sand	221							
21418	21449	Limestone & Dolomite	31							
21449	21495	Limestone & Sand	46							
21495	21739	Limestone & Shale	244							
21739	21751	Limestone & Chert	12							
21751	21971	Limestone, Chert & Shale	220							
21971	22069	Limestone	98							
22069	22092	Limestone & Sand	23							
22092	22300	Limestone & Sand	208							
22300	22418	Limestone & Sand	221							
22418	22449	Limestone & Dolomite	31							
22449	22495	Limestone & Sand	46							
22495	22739	Limestone & Shale	244							
22739	22751	Limestone & Chert	12							
22751	22971	Limestone, Chert & Shale	220							
22971	23069	Limestone	98							
23069	23092	Limestone & Sand	23							
23092	23300	Limestone & Sand	208							
23300	23418	Limestone & Sand	221							
23418	23449	Limestone & Dolomite	31							
23449	23495	Limestone & Sand	46							
23495	23739	Limestone & Shale	244							
23739	23751	Limestone & Chert	12							
23751	23971	Limestone, Chert & Shale	220							
23971	24069	Limestone	98							
24069	24092	Limestone & Sand	23							
24092	24300	Limestone & Sand	208							
24300	24418	Limestone & Sand	221							
24418	24449	Limestone & Dolomite	31							
24449	24495	Limestone & Sand	46							
24495	24739	Limestone & Shale	244							
24739	24751	Limestone & Chert	12							