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N. M. O. C. C. COPY
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AUG 15 1968

U. S. LAND OFFICE _____
 SERIAL NUMBER _____
 LEASE OR PERMIT TO PROSPECT _____

RECEIVED
AUG 13 1963
S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company ROY E. SMITH DRILLING CO. Address 728 1st. Wichita National Bldg.
 Lessor or Tract ADX - Federal Field Wichita Falls, Texas State New Mexico
 Well No. 2 Sec. 22 T. 18-S R. 33-E Meridian NMPM County Lea
 Location 660 ft. N of S Line and 1980 ft. E of N Line of Sec. 22 Elevation 3833 GL
 (Check floor plate to see 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.

Date **August 6, 1963** Signed J. W. Moorhead Title _____ Agent _____

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

Commenced drilling July 10 1963 Finished drilling July 20 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

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

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—	
10 1/2	11.5	12	10 1/2	11.5	12	10 1/2	11.5	12	10 1/2
11	12.5	12	11	12.5	12	11	12.5	12	11
11 1/2	13.5	12	11 1/2	13.5	12	11 1/2	13.5	12	11 1/2
12	14.5	12	12	14.5	12	12	14.5	12	12
12 1/2	15.5	12	12 1/2	15.5	12	12 1/2	15.5	12	12 1/2
13	16.5	12	13	16.5	12	13	16.5	12	13
13 1/2	17.5	12	13 1/2	17.5	12	13 1/2	17.5	12	13 1/2
14	18.5	12	14	18.5	12	14	18.5	12	14
14 1/2	19.5	12	14 1/2	19.5	12	14 1/2	19.5	12	14 1/2
15	20.5	12	15	20.5	12	15	20.5	12	15
15 1/2	21.5	12	15 1/2	21.5	12	15 1/2	21.5	12	15 1/2
16	22.5	12	16	22.5	12	16	22.5	12	16
16 1/2	23.5	12	16 1/2	23.5	12	16 1/2	23.5	12	16 1/2
17	24.5	12	17	24.5	12	17	24.5	12	17
17 1/2	25.5	12	17 1/2	25.5	12	17 1/2	25.5	12	17 1/2
18	26.5	12	18	26.5	12	18	26.5	12	18
18 1/2	27.5	12	18 1/2	27.5	12	18 1/2	27.5	12	18 1/2
19	28.5	12	19	28.5	12	19	28.5	12	19
19 1/2	29.5	12	19 1/2	29.5	12	19 1/2	29.5	12	19 1/2

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used
8 5/8"	261	100	pumped

ILLEGIBLE

ILLEGIBLE

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

DATES

_____, 19____ Put to producing _____ 19____

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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller
_____, Driller

_____, Driller
_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	260	260	Surface Soil and Caliche
260	1480	1220	Red shale, sand and Gyp
1480	2635	1355	Salt
2635	3110	275	Anhydrite and Red shale
3110	3125	15	Sand, red
3125	3180	55	Anhydrite
3180	3190	10	Sand, red
3190	4230	1040	Anhydrite, Red Shale and Dolomite Strs.
4230	4250	20	Red Shale and Anhydrite, with strks. sand
4250	4270	20	Red shale and Anhydrite
4270	4274	4	Red shaly Sand
4274	4285	11	Red and Gray, Silty Sand, Show oil
4285	4289	4	Red Shaly Sand and Anhydrite
4289	4300	11	Dolomite and Anhydrite
<u>Structural Markers (Land Wells Measurements)</u>			Core No. 1
Top of Rustler Anhydrite	1480		Cored, 4250-4300, sec. 49.5 feet
Top of Salt	1590		20 feet red shale and anhydrite
Base of Salt	2635		4 feet red, shaly sand; no show
Top of Yates	3010		11 feet red and gray, silty sand, slight
Top of Queen	4230		show of oil with gilsonite
			4 feet red, shaly sand and anhydrite
			1. feet dolomite and anhydrite
FEET—	TO—	TOTAL FEET	FORMATION

