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AUG 31 1961

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Shindler Oil & Gas Company** Address **520 E Broadway, Hobbs, New Mexico**
 Lessor or Tract **Tract 17** Field **Grayburg Jackson State New Mexico**
 Well No. **78** Sec. **20** T **17N** R **31E** Meridian **100W** County **ddy**
 Location **2000** ft. **N.** of **2** Line and **1900** ft. **E.** of **2** Line of **Sec. 20** Elevation **3400**

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 21, 1961 Title Dist. Sect.

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

Completed drilling on 12/1/1911. Finished drilling on 12/1/1911.

OIL OR GAS SANDS OR ZONES

[illegible]

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	SIN	200	Rail Shurten		
7-1/2	SIN	200	Rail Shurten		

PLUGS AND ADAPTERS

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

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from _____ feet to _____ 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 51 barrels of fluid of which 100% was oil; 0% emulsion; 0% water; and 0% sediment. Gravity, °Bé. 44

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

A.C. Morris	, Driller	Wright	, Driller
	, Driller		, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	115	115	Red Shale
115	235	110	Shale
235	500	265	Anhydrite
500	1293	793	Salt
1293	2705	1412	Anhydrite
2705	3600	895	Lime
3600 - Total Depth Drilled.			
			<u>DEVIATION SURVEYS</u>
			Zero from Surface to Total Depth
FROM—	TO—	TOTAL FEET	FORMATION

LOVER

FORMATION RECORD—Continued

14-00000

U.S. LAND OFFICE
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT
1952-53 (2)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D. C. 20246

LOG OF OIL OR GAS WELL

LOCATE WITH COPIES

8750

The information given herewith is a complete and correct record of the well and all work done thereon as far as can be determined from all available records.

Signed _____

Location 2080 ft. [N] of [S] Line and 1900 ft. [E] of [W] Line of Sec. 20

Well No. 78 1/2 Sec. 20 T. 12 S. R. 31 E. N. 31 E. County _____

Lessors or Their _____

Field Grayburg Jackson State New Mexico

Company _____

Address 230 E Broadway, Hobbs, New Mexico

Date August 23, 1961
 Title
 Date Sept. 1961

OIL OR GAS SANDS OR ZONES

[illegible]

CASING RECORD

Casing Record		Well		Casing		Pump	
Well	Location	Depth	Size	Material	Weight	Pressure	Flow
1	2	3	4	5	6	7	8

HISTORY OF OIL OR GAS WELL

Coasting Date	Where set	Number sacks of cement	Method used	Sub Gravity	Amount of mud used
18-19	221	500	Refill bottom		
18-19	200	250	Refill bottom		

PLUGS AND ADAPTERS

Heaving plug—Material	Length	Depth set
Adapters—Material	Size	

SHOOTING RECORD

[illegible]

TOOLS USED

DATE		SURFACE		3600	
feet to	feet and from	feet to	feet and from	feet to	feet and from
feet to	feet and from	feet to	feet and from	feet to	feet and from

DATE

Rock pressure, lbs. per sq. in.		
If gas well, cu. ft. per 24 hours	0	
emulsion; % water; and % sediment	0	
The production for the first 24 hours was	52	
barrels of fluid of which % was oil	300	
Put to producing	10-11	

EMPLOYEES

Driver	Driver	A.C. Woods	Driver
Driver	Driver	Driver	Driver

FORMATION RECORD

FROM -	TO -	TOTAL FEET	FORMATION
0	115	115	Red shale
115	250	135	Shale
250	500	250	Argillite
500	1000	500	Shale
1000	1500	500	Argillite
1500	2000	500	Shale
2000	2500	500	Argillite
2500	3000	500	Shale
3000	3500	500	Argillite
3500	4000	500	Shale
4000	4500	500	Argillite
4500	5000	500	Shale
5000	5500	500	Argillite
5500	6000	500	Shale
6000	6500	500	Argillite
6500	7000	500	Shale
7000	7500	500	Argillite
7500	8000	500	Shale
8000	8500	500	Argillite
8500	9000	500	Shale
9000	9500	500	Argillite
9500	10000	500	Shale
10000	10500	500	Argillite
10500	11000	500	Shale
11000	11500	500	Argillite
11500	12000	500	Shale
12000	12500	500	Argillite
12500	13000	500	Shale
13000	13500	500	Argillite
13500	14000	500	Shale
14000	14500	500	Argillite
14500	15000	500	Shale
15000	15500	500	Argillite
15500	16000	500	Shale
16000	16500	500	Argillite
16500	17000	500	Shale
17000	17500	500	Argillite
17500	18000	500	Shale
18000	18500	500	Argillite
18500	19000	500	Shale
19000	19500	500	Argillite
19500	20000	500	Shale
20000	20500	500	Argillite
20500	21000	500	Shale
21000	21500	500	Argillite
21500	22000	500	Shale
22000	22500	500	Argillite
22500	23000	500	Shale
23000	23500	500	Argillite
23500	24000	500	Shale
24000	24500	500	Argillite
24500	25000	500	Shale
25000	25500	500	Argillite
25500	26000	500	Shale
26000	26500	500	Argillite
26500	27000	500	Shale
27000	27500	500	Argillite
27500	28000	500	Shale
28000	28500	500	Argillite
28500	29000	500	Shale
29000	29500	500	Argillite
29500	30000	500	Shale
30000	30500	500	Argillite
30500	31000	500	Shale
31000	31500	500	Argillite
31500	32000	500	Shale
32000	32500	500	Argillite
32500	33000	500	Shale
33000	33500	500	Argillite
33500	34000	500	Shale
34000	34500	500	Argillite
34500	35000	500	Shale
35000	35500	500	Argillite
35500	36000	500	Shale
36000	36500	500	Argillite
36500	37000	500	Shale
37000	37500	500	Argillite
37500	38000	500	Shale
38000	38500	500	Argillite
38500	39000	500	Shale
39000	39500	500	Argillite
39500	40000	500	Shale
40000	40500	500	Argillite
40500	41000	500	Shale
41000	41500	500	Argillite
41500	42000	500	Shale
42000	42500	500	Argillite
42500	43000	500	Shale
Total feet drilled - 3800			

RECEIVED

Sent from surface to total depth

FORMATION RECORD—Continued

OVER

FORMATION

TABLE 1. CONTINUED
