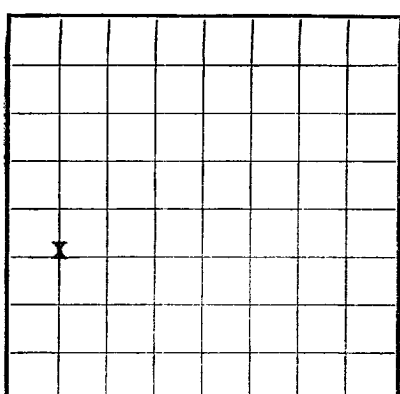


U. S. LAND OFFICE **Las Cruces**
SERIAL NUMBER **029415 (b)**
LEASE OR PERMIT TO PROSPECT

RECEIVED

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AUG 16 1960

UNITED STATES DEPARTMENT OF THE INTERIOR
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO
D. E. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **William A. & Edward R. Hudson** Address **1810 Electric Bldg., Ft. Worth, Tex.**
Lessor or Tract **Puckett "B"** Field **Maljamar** State **New Mexico**
Well No. **18** Sec. **25** T. **17S** R. **31E** Meridian **NMPM** County **Eddy**
Location **660 1980** ft. **(N.)** of **S** Line and **660 1980** ft. **(E.)** of **W** Line of Sec. **25** Elevation **3859 DF**
(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

*Ralph L. Gray*Date **Aug. 16, 1960**Title **Consulting Engineer**

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

Commenced drilling **June 29,** 19 **60** Finished drilling **Aug. 4,** 19 **60**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3806** to **3827** No. 4, from _____ to _____
No. 2, from **3841** to **3850** No. 5, from _____ to _____
No. 3, from **3868** to **3878** No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from **845** to **858** No. 3, from _____ to _____
No. 2, from **3930** to **3933** 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—	
8 5/8	24.7	3.25	998	200			3806	-27	
5 1/2	18.5	2.31	998	250 Sx 4% gel + 100 Sx neat			3841	-50	
							3868	-78	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	998	200			
5 1/2	3934	250 Sx 4% gel + 100 Sx neat			

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
F/ 500	gals. acid	+ 14,700 gals refined oil	+ 30,000# sand in	3 stages		
	with ball sealers	between stages.				

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from **surface** feet to **3933** feet, and from _____ feet to _____ feet

DATES

_____, 19 **60** Put to producing **Aug. 15,** 19 **60**

The production for the first **24** hours was **65** barrels of fluid of which **100** % 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	AT THE END OF THE WELL
3800	3833		LOGGING
3830	3860		LOGGING
3860	3890		LOGGING
3890	3920		LOGGING
3920	3950		LOGGING
3950	3980		LOGGING
3980	4010		LOGGING
4010	4040		LOGGING
4040	4070		LOGGING
4070	4100		LOGGING
4100	4130		LOGGING
4130	4160		LOGGING
4160	4190		LOGGING
4190	4220		LOGGING
4220	4250		LOGGING
4250	4280		LOGGING
4280	4310		LOGGING
4310	4340		LOGGING
4340	4370		LOGGING
4370	4400		LOGGING
4400	4430		LOGGING
4430	4460		LOGGING
4460	4490		LOGGING
4490	4520		LOGGING
4520	4550		LOGGING
4550	4580		LOGGING
4580	4610		LOGGING
4610	4640		LOGGING
4640	4670		LOGGING
4670	4700		LOGGING
4700	4730		LOGGING
4730	4760		LOGGING
4760	4790		LOGGING
4790	4820		LOGGING
4820	4850		LOGGING
4850	4880		LOGGING
4880	4910		LOGGING
4910	4940		LOGGING
4940	4970		LOGGING
4970	5000		LOGGING
5000	5030		LOGGING
5030	5060		LOGGING
5060	5090		LOGGING
5090	5120		LOGGING
5120	5150		LOGGING
5150	5180		LOGGING
5180	5210		LOGGING
5210	5240		LOGGING
5240	5270		LOGGING
5270	5300		LOGGING
5300	5330		LOGGING
5330	5360		LOGGING
5360	5390		LOGGING
5390	5420		LOGGING
5420	5450		LOGGING
5450	5480		LOGGING
5480	5510		LOGGING
5510	5540		LOGGING
5540	5570		LOGGING
5570	5600		LOGGING
5600	5630		LOGGING
5630	5660		LOGGING
5660	5690		LOGGING
5690	5720		LOGGING
5720	5750		LOGGING
5750	5780		LOGGING
5780	5810		LOGGING
5810	5840		LOGGING
5840	5870		LOGGING
5870	5900		LOGGING
5900	5930		LOGGING
5930	5960		LOGGING
5960	5990		LOGGING
5990	6020		LOGGING
6020	6050		LOGGING
6050	6080		LOGGING
6080	6110		LOGGING
6110	6140		LOGGING
6140	6170		LOGGING
6170	6200		LOGGING
6200	6230		LOGGING
6230	6260		LOGGING
6260	6290		LOGGING
6290	6320		LOGGING
6320	6350		LOGGING
6350	6380		LOGGING
6380	6410		LOGGING
6410	6440		LOGGING
6440	6470		LOGGING
6470	6500		LOGGING
6500	6530		LOGGING
6530	6560		LOGGING
6560	6590		LOGGING
6590	6620		LOGGING
6620	6650		LOGGING
6650	6680		LOGGING
6680	6710		LOGGING
6710	6740		LOGGING
6740	6770		LOGGING
6770	6800		LOGGING
6800	6830		LOGGING
6830	6860		LOGGING
6860	6890		LOGGING
6890	6920		LOGGING
6920	6950		LOGGING
6950	6980		LOGGING
6980	7010		LOGGING
7010	7040		LOGGING
7040	7070		LOGGING
7070	7100		LOGGING
7100	7130		LOGGING
7130	7160		LOGGING
7160	7190		LOGGING
7190	7220		LOGGING
7220	7250		LOGGING
7250	7280		LOGGING
7280	7310		LOGGING
7310	7340		LOGGING
7340	7370		LOGGING
7370	7400		LOGGING
7400	7430		LOGGING
7430	7460		LOGGING
7460	7490		LOGGING
7490	7520		LOGGING
7520	7550		LOGGING
7550	7580		LOGGING
7580	7610		LOGGING
7610	7640		LOGGING
7640	7670		LOGGING
7670	7700		LOGGING
7700	7730		LOGGING
7730	7760		LOGGING
7760	7790		LOGGING
7790	7820		LOGGING
7820	7850		LOGGING
7850	7880		LOGGING
7880	7910		LOGGING
7910	7940		LOGGING
7940	7970		LOGGING
7970	8000		LOGGING
8000	8030		LOGGING
8030	8060		LOGGING
8060	8090		LOGGING
8090	8120		LOGGING
8120	8150		LOGGING
8150	8180		LOGGING
8180	8210		LOGGING
8210	8240		LOGGING
8240	8270		LOGGING
8270	8300		LOGGING
8300	8330		LOGGING
8330	8360		LOGGING
8360	8390		LOGGING
8390	8420		LOGGING
8420	8450		LOGGING
8450	8480		LOGGING
8480	8510		LOGGING
8510	8540		LOGGING
8540	8570		LOGGING
8570	8600		LOGGING
8600	8630		LOGGING
8630	8660		LOGGING
8660	8690		LOGGING
8690	8720		LOGGING
8720	8750		LOGGING
8750	8780		LOGGING
8780	8810		LOGGING
8810	8840		LOGGING
8840	8870		LOGGING
8870	8900		LOGGING
8900	8930		LOGGING
8930	8960		LOGGING
8960	8990		LOGGING
8990	9020		LOGGING
9020	9050		LOGGING
9050	9080		LOGGING
9080	9110		LOGGING
9110	9140		LOGGING
9140	9170		LOGGING
9170	9200		LOGGING
9200	9230		LOGGING
9230	9260		LOGGING
9260	9290		LOGGING
9290	9320		LOGGING
9320	9350		LOGGING
9350	9380		LOGGING
9380	9410		LOGGING
9410	9440		LOGGING
9440	9470		LOGGING
9470	9500		LOGGING
9500	9530		LOGGING
9530	9560		LOGGING
9560	9590		LOGGING
9590	9620		LOGGING
9620	9650		LOGGING
9650	9680		LOGGING
9680	9710		LOGGING
9710	9740		LOGGING
9740	9770		LOGGING
9770	9800		LOGGING
9800	9830		LOGGING
9830	9860		LOGGING
9860	9890		LOGGING
9890	9920		LOGGING
9920	9950		LOGGING
9950	9980		LOGGING
9980	10000		LOGGING

U.S. LAND OFFICE
SERIAL NUMBER
1937

RECEIVED
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WASHINGTON, D. C.

LOG OF OIL OR GAS WELL

[illegible]

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

Title

Date

Signed _____

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.

Location of _____ of _____ of _____
Well No. _____ R. 31N Meridian

Treasurer or Trustee

Company

Address

Elevation _____ of _____ line of _____

County _____ State _____

OIL OR GAS SANDS OR SOLES

(Dyrola and Co. Inc.)

No. 1, from 3837	to 3838	No. 4, from 3837	to 3838
No. 2, from 3838	to 3839	No. 5, from 3838	to 3839
No. 3, from 3839	to 3840	No. 6, from 3839	to 3840

IMPORTANT WATER SAVING

to No. 3 from 1922 to 1923

CRIMINAL RECORD

Give Name of Person	Present Address	Former Address	Place	Person	Kind of Work	Out and pulled from Room	Performed Work	Purpose
---------------------------	--------------------	-------------------	-------	--------	-----------------	-----------------------------	-------------------	---------

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 there were any changes made in the casing, state fully, and if any casing was "abandoned," 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 props or bridges were put in to test for caving, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-50422-2

NUDDING AND CEMENTING RECORD

beam burn to bottom	glycery burn	beam burn off	summed to glycery burn off	beam off	beam on
				20	20
				200	200

PLUGS AND ADAPTERS

Heaving plug - Material	Length	Depth and
Heaving plug - Material		

SHOOTING RECORD

[illegible]

TOOLS USED

[illegible]

DATE

It gas well, on it, per 24 hours	Galons gasoline per 1,000 cu. ft. of gas
emulsion; % water; and % sediment	Gravity, 85
The production for the first 24 hours was 25	barrels of fluid of which 100 % was oil
Put to producing	1921

EMPLOYEES

Driller	Driller
Driller	Driller

3806 INFORMATION RECORD

FROM -	TO -	Red. of 1948 FEEL	3050	FORMATION
		B. Salt	1865	
		T. Salt	830	
		T. Anhy.	715	

77 - Geological tops

Surface sand and caliche	165	165
Sand. Small amount water	370	165
Red bed and sand	715	370
Anhy.	830	715
Salt	1865	830
Anhy., shale and sand	3050	1865
Red sand	3090	3050
Anhy., shale and sand	3420	3090
Dolomite and sand	3806	3420
Dolomite	3933	3806