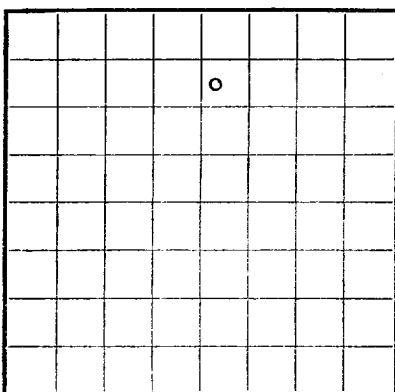




LOCATE WELL CORRECTLY

FEB 14 1961

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. LAND OFFICE Las Cruces
SERIAL NUMBER 029415 (a)
LEASE OR PERMIT TO PROCEEDRECEIVED
FEB 27 1961
D. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

Company William A. & Edward R. Hudson Address 1810 Electric Bldg., Ft. Worth, Tex.
Lessor or Tract Puckett "A" Field Maljamar State New Mexico
Well No. 21 Sec. 24 T. 17 R. 31 Meridian NMPM County Eddy
Location 1295 ft. (S.) of N. Line and 2545 ft. (E.) of E. Line of Sec. 24 Elevation 3903 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 Feb. 14, 1961Title Consulting Engineer

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

Commenced drilling Nov. 4, 1960 Finished drilling Jan. 19, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3470 to 76 No. 4, from _____ to _____
No. 2, from 3520 to 48 No. 5, from _____ to _____
No. 3, from 3666 to 92 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—	
8-5/8	124.8	J-55	Hercules	1000	Shotgun	Surface	3666	92	Oil
5-1/2	65.5	J-55	Hercules	1000	Shotgun	Surface	3666	92	Oil

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	553	100			
5-1/2	3907	250 sv. 4% Gel + 100 sv. 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
Frased perforations at 3660-92 with 10,000 gals. oil + 10,800# sand.						

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from Surface feet to 3945 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing Feb. 11, 1961

The production for the first 24 hours was 51 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

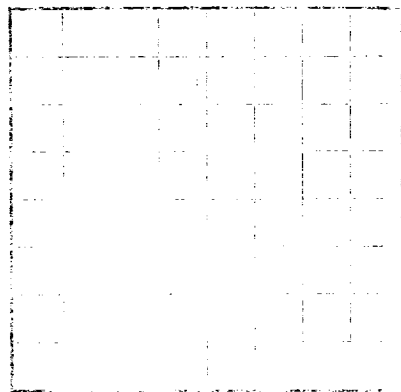
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	235		AT THE END OF THE WELL LOGGERS
235	540		Sand and caliche.
540	720		Red bed and sand.
720	1760		Anhydrite and sand.
1760	2890		Salt.
2890	2930		Anhy., shale and sand.
2930	3360		Red sand.
3360	3687		Anhy. and sand.
3687	3765		Dolo. and sand.
3765	3830		Dolomite.
3830	3945		Sandy dolo.
			Dolomite
		EL TOPS	
		T. Anhy.	540
		T. Salt	720
		B. Salt	1760
		T. Red Sand	2890
		T. Grayburg	3360
		T. San Andres	3687

U. S. Geological Survey
Department of the Interior
Washington, D. C. 20548

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



Company Name _____
Location _____
State _____
County _____
Section _____
T1 _____
T2 _____
T3 _____
T4 _____
T5 _____
T6 _____
T7 _____
T8 _____
T9 _____
T10 _____
T11 _____
T12 _____
T13 _____
T14 _____
T15 _____
T16 _____
T17 _____
T18 _____
T19 _____
T20 _____
T21 _____
T22 _____
T23 _____
T24 _____
T25 _____
T26 _____
T27 _____
T28 _____
T29 _____
T30 _____
T31 _____
T32 _____
T33 _____
T34 _____
T35 _____
T36 _____
T37 _____
T38 _____
T39 _____
T40 _____
T41 _____
T42 _____
T43 _____
T44 _____
T45 _____
T46 _____
T47 _____
T48 _____
T49 _____
T50 _____
T51 _____
T52 _____
T53 _____
T54 _____
T55 _____
T56 _____
T57 _____
T58 _____
T59 _____
T60 _____
T61 _____
T62 _____
T63 _____
T64 _____
T65 _____
T66 _____
T67 _____
T68 _____
T69 _____
T70 _____
T71 _____
T72 _____
T73 _____
T74 _____
T75 _____
T76 _____
T77 _____
T78 _____
T79 _____
T80 _____
T81 _____
T82 _____
T83 _____
T84 _____
T85 _____
T86 _____
T87 _____
T88 _____
T89 _____
T90 _____
T91 _____
T92 _____
T93 _____
T94 _____
T95 _____
T96 _____
T97 _____
T98 _____
T99 _____
T100 _____

The summary on this page is for the condition of the well at above date.
Continued drilling _____
Finished drilling _____
1961

OIL OR GAS SANDS OR ZONES

(Continued by 2)

100.0 from _____ to _____
90.0 from _____ to _____
80.0 from _____ to _____
70.0 from _____ to _____
60.0 from _____ to _____
50.0 from _____ to _____
40.0 from _____ to _____
30.0 from _____ to _____
20.0 from _____ to _____
10.0 from _____ to _____

IMPORTANT WATER SANDS

100.0 from _____ to _____
90.0 from _____ to _____
80.0 from _____ to _____
70.0 from _____ to _____
60.0 from _____ to _____
50.0 from _____ to _____
40.0 from _____ to _____
30.0 from _____ to _____
20.0 from _____ to _____
10.0 from _____ to _____

CASING RECORD

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 "sidetracked" 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—		TOTAL FEET		FORMATION	
100.0		0.0		100.0		SAND, shale and oil.	
90.0		0.0		90.0		SAND, shale and oil.	
80.0		0.0		80.0		SAND, shale and oil.	
70.0		0.0		70.0		SAND, shale and oil.	
60.0		0.0		60.0		SAND, shale and oil.	
50.0		0.0		50.0		SAND, shale and oil.	
40.0		0.0		40.0		SAND, shale and oil.	
30.0		0.0		30.0		SAND, shale and oil.	
20.0		0.0		20.0		SAND, shale and oil.	
10.0		0.0		10.0		SAND, shale and oil.	
0.0		0.0		0.0		SAND, shale and oil.	
10.0		0.0		10.0		SAND, shale and oil.	
20.0		0.0		20.0		SAND, shale and oil.	
30.0		0.0		30.0		SAND, shale and oil.	
40.0		0.0		40.0		SAND, shale and oil.	
50.0		0.0		50.0		SAND, shale and oil.	
60.0		0.0		60.0		SAND, shale and oil.	
70.0		0.0		70.0		SAND, shale and oil.	
80.0		0.0		80.0		SAND, shale and oil.	
90.0		0.0		90.0		SAND, shale and oil.	
100.0		0.0		100.0		SAND, shale and oil.	
110.0		0.0		110.0		SAND, shale and oil.	
120.0		0.0		120.0		SAND, shale and oil.	
130.0		0.0		130.0		SAND, shale and oil.	
140.0		0.0		140.0		SAND, shale and oil.	
150.0		0.0		150.0		SAND, shale and oil.	
160.0		0.0		160.0		SAND, shale and oil.	
170.0		0.0		170.0		SAND, shale and oil.	
180.0		0.0		180.0		SAND, shale and oil.	
190.0		0.0		190.0		SAND, shale and oil.	
200.0		0.0		200.0		SAND, shale and oil.	
210.0		0.0		210.0		SAND, shale and oil.	
220.0		0.0		220.0		SAND, shale and oil.	
230.0		0.0		230.0		SAND, shale and oil.	
240.0		0.0		240.0		SAND, shale and oil.	
250.0		0.0		250.0		SAND, shale and oil.	
260.0		0.0		260.0		SAND, shale and oil.	
270.0		0.0		270.0		SAND, shale and oil.	
280.0		0.0		280.0		SAND, shale and oil.	
290.0		0.0		290.0		SAND, shale and oil.	
300.0		0.0		300.0		SAND, shale and oil.	
310.0		0.0		310.0		SAND, shale and oil.	
320.0		0.0		320.0		SAND, shale and oil.	
330.0		0.0		330.0		SAND, shale and oil.	
340.0		0.0		340.0		SAND, shale and oil.	
350.0		0.0		350.0		SAND, shale and oil.	
360.0		0.0		360.0		SAND, shale and oil.	
370.0		0.0		370.0		SAND, shale and oil.	
380.0		0.0		380.0		SAND, shale and oil.	
390.0		0.0		390.0		SAND, shale and oil.	
400.0		0.0		400.0		SAND, shale and oil.	
410.0		0.0		410.0		SAND, shale and oil.	
420.0		0.0		420.0		SAND, shale and oil.	
430.0		0.0		430.0		SAND, shale and oil.	
440.0		0.0		440.0		SAND, shale and oil.	
450.0		0.0		450.0		SAND, shale and oil.	
460.0		0.0		460.0		SAND, shale and oil.	
470.0		0.0		470.0		SAND, shale and oil.	
480.0		0.0		480.0		SAND, shale and oil.	
490.0		0.0		490.0		SAND, shale and oil.	
500.0		0.0		500.0		SAND, shale and oil.	
510.0		0.0		510.0		SAND, shale and oil.	
520.0		0.0		520.0		SAND, shale and oil.	
530.0		0.0		530.0		SAND, shale and oil.	
540.0		0.0		540.0		SAND, shale and oil.	
550.0		0.0		550.0		SAND, shale and oil.	
560.0		0.0		560.0		SAND, shale and oil.	
570.0		0.0		570.0		SAND, shale and oil.	
580.0		0.0		580.0		SAND, shale and oil.	
590.0		0.0		590.0		SAND, shale and oil.	
600.0		0.0		600.0		SAND, shale and oil.	
610.0		0.0		610.0		SAND, shale and oil.	
620.0		0.0		620.0		SAND, shale and oil.	
630.0		0.0		630.0		SAND, shale and oil.	
640.0		0.0		640.0		SAND, shale and oil.	
650.0		0.0		650.0		SAND, shale and oil.	
660.0		0.0		660.0		SAND, shale and oil.	
670.0		0.0		670.0		SAND, shale and oil.	
680.0		0.0		680.0		SAND, shale and oil.	
690.0		0.0		690.0		SAND, shale and oil.	
700.0		0.0		700.0		SAND, shale and oil.	
710.0		0.0		710.0		SAND, shale and oil.	
720.0		0.0		720.0		SAND, shale and oil.	
730.0		0.0		730.0		SAND, shale and oil.	
740.0		0.0		740.0		SAND, shale and oil.	
750.0		0.0		750.0		SAND, shale and oil.	
760.0		0.0		760.0		SAND, shale and oil.	
770.0		0.0		770.0		SAND, shale and oil.	
780.0		0.0		780.0		SAND, shale and oil.	
790.0		0.0		790.0		SAND, shale and oil.	
800.0		0.0		800.0		SAND, shale and oil.	
810.0		0.0		810.0		SAND, shale and oil.	

ARTESIA, CALIF.

FEB 27 1961

RECEIVED