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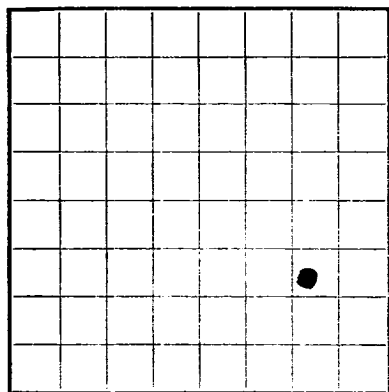
Budget Bureau No. 42-R385.4.
Approval expires 12-31-60.U. S. LAND OFFICE Las CrucesSERIAL NUMBER 051844LEASE OR PERMIT TO PROSPECT Lease

APR 23 1962

O. C. C.
ARTESIA, OFFICE UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company From Oil Company Address 106-A Texas Street, El Paso, Texas
Lessor or Tract Max Friess Field Cedar Lake Abo State New Mexico
Well No. 19 Sec. 19 T. 17 R. 31 Meridian N.M.P.M. County ddy
Location 1650 ft. N of Line and 990 ft. E of Line of section 19 Elevation 3629
(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

Max FriessDate April 19, 1962Title Member of Partnership

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

Commenced drilling March 12, 1962 Finished drilling March 30, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 7026 to 7030 No. 4, from 7072 to 7077
No. 2, from 7032 to 7042 No. 5, from 7082 to 7095
No. 3, from 7052 to 7053 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" 11.2	200	8	Hammerhead	7100'	Hammerhead	7026'	7026'	7099'	to produce
4-1/2" 9.5	100	8	Hammerhead	7100'	Hammerhead	7026'	7026'	7099'	to produce
4-1/2" 9.5	100	8	Hammerhead	7100'	Hammerhead	7026'	7026'	7099'	to produce
4-1/2" 9.5	100	8	Hammerhead	7100'	Hammerhead	7026'	7026'	7099'	to produce

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	1391'	650 sacks	Halliburton		
4-1/2"	7100'	1200 "	"		

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 surface feet to 7100 feet, and from _____ feet to _____ feet

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

DATES

_____, 19____ Put to producing April 2, 1962, 19____The production for the first 24 hours was 132 barrels of fluid of which 100 % was oil; _____ % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 43

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

Rock pressure, lbs. per sq. in. 960

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	40	40	Surface and 0.5' above
40	256	216	Red Bed
256	493	237	Anhydrite & sand strgs.
493	1186	693	Salt & anhydrite
1186	2555	1169	Anhy. with dolomite & sand strgs.
2555	2588	33	Sand
2588	2700	112	Anhy. with dolomite & sand strgs.
2700	3176	476	Dolomite & sand strgs.
3176	3207	111	White dolomite
3207	3320	33	Sand
3320	4655	1335	Dolomite
4655	4775	120	Sand & Dolomite strgs.
4775	5323	548	Dolomite
5323	5876	553	Sand & Dolomite
5876	6770	894	Dolomite
6770	7100	330	White blocky dolomite with green shale strgs.
7100 T.L.			
Formation Tests:			Drill Stem Test No. 1:
Base of Salt	1160'		650 to 7100' - tool open 2 hours - Gas to
Yates	1386'		surface in 7 min.; fluid to surface in 1 hr. 16
Green	2555'		min.; oil to surface in 1 hr. & 50 min.; re-
San Adrea	3176'		versed out 98 bbls. of oil -
Horietta	4650'		I.P. 3300 - I.P. 960'
Abo	6720'		L.S.I. 2440' - L.S.I. 2575'
			I.P. 330' Loss/Gal. 3320'

(OVER)

LOGS OF OIL OR GAS WELLS

16-48004-4

