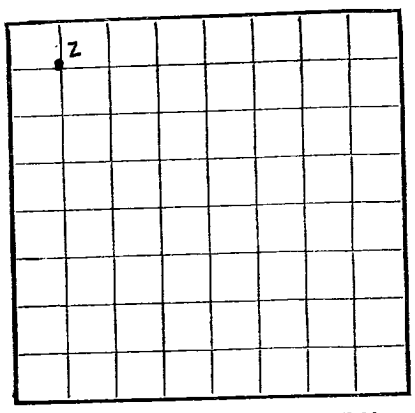
Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Las Cruces
SERIAL NUMBER LC 069457-A
LEASE OR PERMIT TO PROSPECT D



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Chiles Drilling Company Address Box 949, Alice, Texas
Lessor or Tract Federal Field E K Queen State New Mexico
Well No. 2 Sec. 30 T. 18 R. 34 Meridian NMP County Lea
Location 560 ft. {N. / S.} of N Line and 618 ft. {E. / W.} of W Line of 30 Elevation 3924 (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 [signature]
Title Agent

Date July 22, 1957

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

Commenced drilling 6-27, 19 57 Finished drilling 7-11, 19 57

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4690 to 4735 No. 4, from ____ to ____
No. 2, from ____ to ____ No. 5, from ____ to ____
No. 3, 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 From—	Perforated To—	Purpose
8 5/8	24	8	smls	292'	guide		4640	4647	
5 1/2	15.50	8	"	4746'	float		4697	4708	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	306'	200	Halliburton		
5 1/2	4727'	200	"		

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 4728 feet, and from ____ feet to ____ feet
Cable tools were used from ____ feet to ____ feet, and from ____ feet to ____ feet

DATES

August 9, 1957 Put to producing August 5, 1957

The production for the first 24 hours was 80 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

Frank Rylant, Driller ____, Driller
Ray E. Arrowood, Driller T. W. Reed, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
00	1510	1510	Red rock
1510	1714	204	" & anhyd.
1714	1872	158	Anhyd.
1872	2044	172	Salt
2044	2976	932	Anhyd. & salt
2976	3840	864	"
3840	4233	393	" & lime
4233	4728	495	Lime

Copy of sample analysis by E. E. Kinney enclosed.

T. A.	1685
T. S.	1945
B. S.	3035
T. Yates	3207
Queen	4417
Penrose	4690

FOLD MARK

16—43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

HISTORY OF OIL OR GAS WELL

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, size, 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.

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