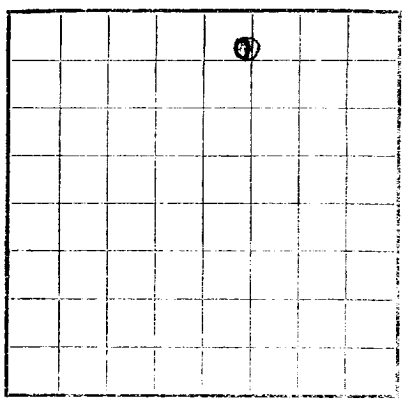
Form 9-330

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

U. S. LAND OFFICE Artesia
SERIAL NUMBER LC-061581
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
DEC 19 1960
U. S. G. S.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

Company Curtis Hankamer Address 1422 Bank of the Southwest Building Houston 2, Texas

Lessor or Tract Gulf-Federal-Beaty Field Brushy Draw (Del) State New Mexico

Well No. 2 Sec. 24 T. 26S R. 29E Meridian NMPM County Eddy

Location 660 ft. [N.] of N Line and 1980 ft. [E.] of E Line of Section 24 Elevation 2992
(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 Phil C. Hankamer

Date 11/28/60 Title Engineer

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

Commenced drilling 10/4, 1960 Finished drilling 11/13, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from NONE to ____ 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 NONE 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
This well was drilled with cable tools. Two drilling control strings were set and all pipe pulled from hole.									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
Drilling control strings set on casing seats and then pulled.					

FOLD MARK

PLUGS AND ADAPTERS

Heaving plug—Material ____ Length ____ Depth set ____

Adapters—Material ____ Size XXXX Plugs listed in well history

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		NONE				

TOOLS USED

Rotary tools were used from — feet to — feet, and from — feet to — feet

Cable tools were used from Ground level feet to 3214 TD feet, and from — feet to — feet

DATES

11/18/60, 19__ Put to producing Dry hole, 19__

The production for the first 24 hours was ____ barrels of fluid of which ____% 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

E. W. Sutton, Driller H. T. Marshal, Driller

W. L. Williams, Driller ____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	30	30	Caliche Rock
30	190	160	Shale
190	250	60	Anhydrite
250	293	43	Goat Rock
293	345	52	Anhydrite
345	375	30	Anhydrite & Goat Rock
375	445	70	Goat Rock
445	450	5	Red Shale
450	475	25	Red Shale & Gypsum
475	500	25	Shells & Shale
500	575	75	Shale
575	600	25	Red Shale
600	610	10	Shale
610	625	15	Anhydrite
625	665	40	Anhydrite & Shale
665	695	30	Anhydrite & Gypsum
695	720	25	Salt, Anhydrite & Gypsum
720	725	5	Anhydrite
725	745	20	Anhydrite & Gypsum
745	780	35	Anhydrite & Gypsum & Salt
780	815	35	Salt
815	835	20	Anhydrite & Gypsum
835	890	55	Anhydrite
890	895	5	Salt & Shale

[OVER]

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
895	925	30	Anhydrite & Gypsum
925	930	5	Red Shale
930	1020	90	Anhydrite & Shale
1020	1080	40	Anhydrite
1080	1100	20	Shale
1100	1150	50	Anhydrite
1150	1205	55	Anhydrite & Shale
1205	1315	110	Anhydrite
1315	1342	27	Shale
1342	1470	128	Anhydrite
1470	1485	15	Shale
1485	2485	1000	Anhydrite
2485	2622	137	Salt
2622	2725	103	Anhydrite
2725	2968	243	Salt
2968	3154	186	Anhydrite
3154	3202	48	Black Lime
3202	3214	12	Sand TD

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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.

Drilled well to 3214' with cable tools. Found top black lime @3154. Drilled into Delaware Sand and found formation water productive. Plugged well as follows: 150' plug (3221'-3071'), 150' plug (1000'-850'), 150' plug (750'-600'), 150' plug (450'-300'), 50' plug (50'-0'), 4½" pipe marker has been installed. Hole was filled with mud-laden fluid. Cement plugs were set on HOWCO plugs. Plugging has been completed, but drill site has not yet been leveled.