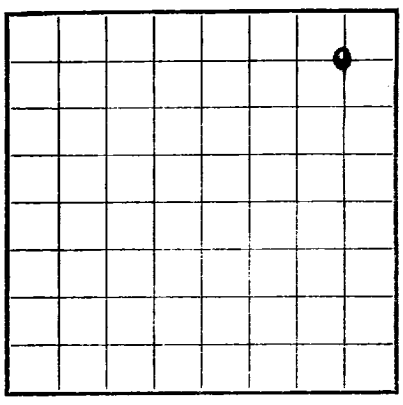
N. M. O. C. C. COPY

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

Form 9-330

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER LC 029032(a)
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

RECEIVED
AUG 9 1960
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
AUG 11 1960
O. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

Company ETA Oil Producers Address 122 Allen Bldg., Midland, Texas

Lessor or Tract Kennedy Field Square Lake State New Mexico

Well No. 2 Sec. 28 T 16-S R 31-E Meridian NMPM County Eddy

Location 660 ft. [N./S.] of N Line and 660 ft. [E./W.] of E Line of Sec. 28 Elevation 3695 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.

Original
Signed Signed by R. L. Halvorsen

Date August 5, 1960 Title Production Engineer

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

Commenced drilling 7-11, 1960 Finished drilling 7-26, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from ____ 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 ____ 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	J-55	367	Baker				Protection
5 1/2	15.5	8	J-55	3746	Baker		3565	3700	Oil String
2 3/8	4.7	8	J-55	3693					Tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	367	230	Pump & Plug		
5 1/2	3746	150	Pump & Plug		

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 3746 feet, and from ____ feet to ____ feet

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

DATES

8-5, 1960 Put to producing 8-5, 1960

The production for the first 24 hours was 112 barrels of fluid of which 100 % was oil; ____ % emulsion; ____ % water; and ____ % sediment.

Gravity, °Bé. 34.8 API

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
			AT THE REQUEST OF COMPANY DRILLER'S LOG WAS TAKEN FROM CUTTINGS. NO CORES OR SAMPLES.
0	137	137	Redbeds & caliche
137	687	550	Redbeds
687	826	139	Anhydrite
826	1890	1064	Interlaminated salt, anhy & redbeds.
1890	1986	96	Anhy & redbeds
1986	3091	1105	Interlaminated sand, anhy, & redbeds
3091	3737	646	Dolomite w/sand & shale streaks.
	Top SA 3565 EL		

FOLD | MARK

(OVER)

16—48094-4

FORMATION RECORD—Continued

Form 9-330

Budget Bureau No. 42-R356.4.
Approval expires 12-31-60.

U. S. Land Office Santa Fe
Serial Number LC 056302(b)
Lease or Permit to Prospect

RECEIVED
AUG 9
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
AUG 1 1 1960
O. C. C.
ARTESIA, OFFICE

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company STA Oil Producers Address 122 Allen Bldg., Midland, Texas

Lessor or Tract Kennedy Field Square Lake State New Mexico

Well No. 2 Sec. 28 T. 16-S R. 31-E Meridian NMPM County Eddy

Location 660 ft. N. of S. Line and 660 ft. E. of W. Line of Sec. 28 Elevation 4050 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 Original Signed by R. L. Halvorsen

Date August 5, 1960 Title Production Engineer

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

Commenced drilling 7-11, 19 60 Finished drilling 7-2?, 19 60

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from .... 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 .... 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
5 1/2	15.5			3746			3593	3662	
2 3/8	4.7	8	J-55	3692					Tubing

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.

16—26094-2 U. S. GOVERNMENT PRINTING OFFICE

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	547	210	Pump & Plug		
5 1/2	3746	150	Pump & Plug		

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 3746 feet, and from .... feet to .... feet

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

DATES

........, 19.... Put to producing ...., 19 60

The production for the first 24 hours was 13 barrels of fluid of which 100 % was oil; — % emulsion; — % water; and — % sediment. Gravity, °Bé. 34

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
0	137	137	Redbeds & caliche
137	687	550	Redbeds
687	826	139	Anhydrite
826	1890	1064	Interlaminated salt, anhy & redbeds.
1890	1986	95	Anhy & redbeds
1986	3091	1105	Interlaminated sand, anhy, & redbeds
3091	3737	646	Dolomite w/sand & shale streaks.
	Top SA 3565 ft.		

(OVER) 16—43094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION