

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Company The Texas Company Address P. O. Box 352, Midland, Texas
 Lessor or Tract Etz-Federal NCT-2 Field Square Lake State New Mexico
 Well No. 1 Sec. 31 T. 16-S R. 30-E Meridian NMPM County Eddy
 Location 1980 ft. N. of Nor Line and 660 ft. E. of East Line of Section 31 Elevation 3718' (DF)
(Derrick floor relative to sea level)

Date **March 6, 1959** Signed _____ Title **Assistant District Supt.**

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

Commenced drilling February 18, 1959 Finished drilling February 26, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from 2788' to 2816'	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

drilled with rotary tools and no water sands tested.

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, 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"	28.00	8	J-55	4631	Baker	None			Surface
4	1 1/2"	11.60	8	J-55	28391	Baker	None	2788*	2816*	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5/8"	475'	500	HOACO		
1 1/2"	2850'	300	HOACO		

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 _____ feet to 2850 feet, and from _____ feet to _____ feet.

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

DATES

March 6, 1959 Put to producing March 4, 1959

The production for the first 24 hours was 352 barrels of fluid of which 100 % was oil; - % emulsion; - % water; and - % sediment. Gravity, °Bé. 33.4

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

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

EMPLOYEES	
J. L. Grace, Jr.	Driller
T. O. McElveen	Driller
D. B. Lamb	Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	100	100	Caliche
100	340	240	Redbed
349	625	285	Anhy
625	1575	950	Anhy & salt
1575	2350	775	Anhy & lime
2350	2850	500	Lime
Total Depth	2850'		
PSTD	2830'		

DEVIATION RECORD

DEVIATION RECORD

DEPTH DEGREES OFF

All Measurements from rotary table or
8' above ground level

Estimate No. 6271

150°	1/4
400°	1/4
900°	3/4
1380°	1 1/4
1810°	1/4
2140	1/4
2331	1/4
2750	1
2850	1

FROM	TO	TOTAL FEET	FORMATION
FORMATION RECORD			
EMPLOYEES			
DATES			
TOOLS USED			
SHOOTING RECORD			
PLUGS AND ADAPTERS			
RECORDING AND COMMENTING 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 testing.

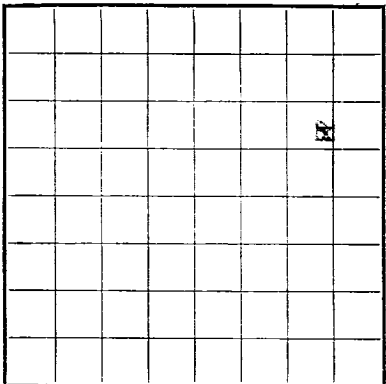
RE-DRILLING NO. 2 WELL NO. 4
Spurred by note 4:30 P.M. 2-19-59, ran 2,839' of 4 1/2" O.D. casing and set at 475' with 400 ex. 4% gel. and 100 ex. 4% cement. Cement circulated. Tested casing. Plug was not drilled. 70' from 2760' to 2830' O.D. casing with 1000 gals. 1st test. Pulled tubing and ran down 4 1/2" O.D. casing with 20,000 gals. refined oil and 40,000 lbs. sand. Ran 2811' of 2" tubing and set at 2822'. Recover lead oil and test. On 3 hr. potential test well flowed 1/2" and no water thru 30/64" choke, ending 7:00 P.M. March 4, 1959. Oil or gas sands or zones

OK - 600
Quantity - 33.4
Top of log - 2768'
Btm of log - 2816'
INOC Date - 2-26-59
LTO Date - 3-4-59

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

100 OF OIL OR GAS WELL

RECEIVED
MAR 9 1959
ARTERIAL NEW MEXICO
U.S. GEOLOGICAL SURVEY
COPY TO O.C.C.



LOCATE WELL CORRECTLY

copy
E. K. T. Co.

Artesia
U. S. LAND OFFICE
No. 08529
SERIAL NUMBER
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Texas Company Address P. O. Box 352, Midland, Texas
Lessor or Tract U. S. Federal NGL-2 Field Square Lake State New Mexico
Well No. L Sec 31 T. 10N R. 10E Meridian NMT County Levy
Location 1980 ft. N. of Cor. Line and 660 ft. E. of W. Line of Section 31 Elevation 3710 (D.F.)
(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 _____ Title Assistant District Supt.
Date March 6, 1959

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

Commenced drilling February 19, 1959 Finished drilling February 26, 1959

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 2780 to 2816 No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

Drilled with rotary tools and no water sands tested
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—	
5/8"	28.00	8	L-55	463'	Baker	None			Surface
1 1/2"	11.60	8	L-55	2839'	Baker	None	2780'	2816'	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5/8"	175'	500	HMC-60		
1 1/2"	2850'	300	HMC-60		

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 _____ feet to 2850 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

March 6, 1959 Put to producing March 1, 1959
The production for the first 24 hours was 352 barrels of fluid of which 100% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. 33.4
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

J. L. Grace, Jr., Driller T. B. McIlveen, Driller
D. B. Lamb, Driller _____, Driller

FORMATION RECORD

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Total Depth	2850'		
PBTD	2830'		

DEVIATION RECORD

DEPTH	DEGREES OFF
150'	1/4
400'	1/4
900'	3/4
1380'	1 1/4
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2750	1
2850	1

All Measurements from rotary table or 8' above ground level

Estimate No. 6271

