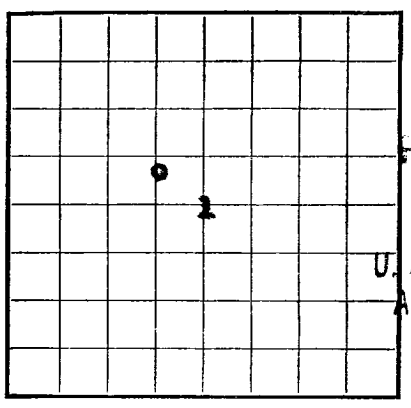
N. M. O. C. C. COPY

Form 9-330 Section 1



LOCATE WELL CORRECTLY

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

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER NM - 06407-A
LEASE OR PERMIT TO PROSPECT

1 cy to SF

RECEIVED JUN 15 1961 U. S. GEOLOGICAL SURVEY ARTESIA, NEW MEXICO

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED JUN 16 1961 D. C. C. ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

Company Southern Union Production Company Address 1434 Fidelity Union Tower

Lessor or Tract Federal Taylor Field West Henshaw State New Mexico

Well No. 1 Sec. 1 T. 16-S R. 30-E Meridian NMPM County Eddy

Location 2006 ft. [S.] of N Line and 1980 ft. [E.] of W Line of Section 1 Elevation 3963'
(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 R. J. Graf

Date May 24, 1961 Title Exploration Engineer

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

Commenced drilling May 7, 1961, 19 Finished drilling May 18, 1961, 19

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 3031 to 3046 (O) 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#	8RD	J-40	530		Baker Products			
4-1/2	9.5#	8RD	J-55	3060					
2-3/8		8RD	J-55	3034					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	515 KB	300	Halliburton		
4-1/2	3060	130	Halliburton		
2-3/8	3034				

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
Perf. 3031-3046' - acidized w/200 gals, 15,000 gals oil and 27,500# sand.						

TOOLS USED

Rotary tools were used from -0- feet to 3068 feet, and from feet to feet

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

DATES

May 22, 1961, 19 Put to producing , 19

The production for the first 24 hours was 144 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

Ray Morris Drilling Company, Driller T. V. Smith, Driller

A. C. James, Driller Mr. Raney, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
-0-	235	235	Surface, shells and red bed
235	462	227	Red light bed
462	520	58	Red bed and anhy
520	1665	1145	Anhy and salt
1665	2010	345	Anhy
2010	2125	115	Anhy and gyp
2125	2300	175	Anhy and gyp
2300	2455	155	Anhy and lime
2455	2737	282	Anhy and lime
2737	2905	168	lime
2905	3004	99	lime
3004	3068	64	lime
3068			TD

TOPS:
Yates 1568'
Queens 2334'
Grayberg 2726'
Premier 3030'
San Andres 3050'

[OVER]

FOLD | MARK

16—48094-4

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

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 balling.