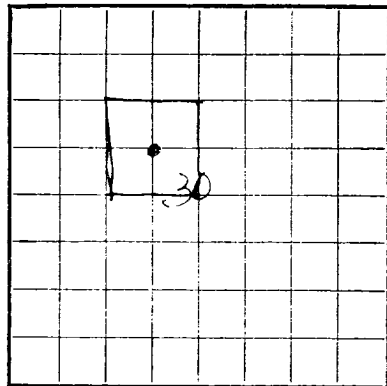


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 080402
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company C. M. AND W. DRILLING COMPANY, INC. address 1340 South Santa Fe Drive
Denver 23, Colorado
Lessor or Tract Elliott Field N/W. Blackrock State N. Mex.
Well No. 2 Sec. 30 T. 26 R. 13 Meridian N.M. P. M. County San Juan
Location 1980 ft. North of N Line and 2520 ft. East of W Line of N.W. 1/4 Elevation 6511.8 G.L.
(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 L. J. Overton
[Signature]

Date 11-29-56 Title Drilling Superintendent

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

Commenced drilling 6-23-56 19 Finished drilling 7-14, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5262 to 5300 No. 4, from _____ to _____
No. 2, from 5307 to 5330 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		Purpose
							From-	To-	
<u>10-3/4</u>	<u>32.75</u>	<u>8 R.</u>	<u>Youngtown</u>	<u>187</u>			<u>0</u>	<u>187</u>	<u>Surface</u>
							<u>0</u>	<u>5330</u>	<u>Prod. string</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used

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
<u>15/32</u>	<u>R-Gun</u>	<u>Lane Wells</u>	<u>120 shots</u>	<u>7-21-56</u>	<u>5297 to 5263</u>	<u>5356</u>

TOOLS USED

Rotary tools were used from 0 feet to 5361 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing by swabing 7-25, 1956

The production for the first 24 hours was 20 barrels of fluid of which 98 % was oil; 1 % emulsion; 1 % water; and 0 % sediment. Gravity, °Bé. 37.8

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

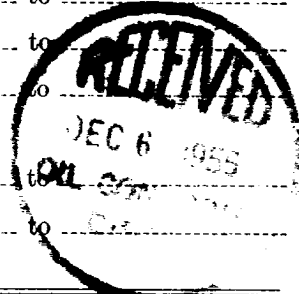
G. E. Mahoney, Driller D. Martin, Driller
W. A. Pickett, Driller E. H. Laseberg, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
<u>0</u>	<u>265</u>	<u>265</u>	<u>Animas</u>
	<u>415</u>	<u>150</u>	<u>ajo Alamo</u>
	<u>1254</u>	<u>799</u>	<u>Kirtland</u>
	<u>1613</u>	<u>539</u>	<u>Farmington</u>
	<u>1748</u>	<u>105</u>	<u>Picture Cliffs</u>
	<u>2394</u>	<u>612</u>	<u>Lewis</u>
	<u>4248</u>	<u>1674</u>	<u>Cliff House or Manefee</u>
	<u>5001</u>	<u>124</u>	<u>Point Lookout</u>
	<u>5255</u>	<u>254</u>	<u>Mancos</u>
	<u>5361</u>	<u>100</u>	<u>Gallup</u>

E. S. & M. C. logs run by Schlumberger Diamond core taken and analysis run

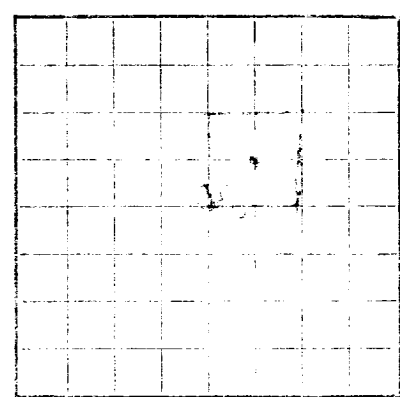
FOLD MARK



U.S. Land Office
Serial Number
Please on Permit to Prospect

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company
Address
Field
State
Well No.
Section
Township
Range
Location
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.

Date
The summary on this page is for the condition of the well at above date.
Commenced drilling
Finished drilling

OIL OR GAS SANDS OR ZONES

Table with columns for No. 1, No. 2, No. 3 from and to depths.

IMPORTANT WATER SANDS

Table with columns for No. 1, No. 2 from and to depths.

CASING RECORD

Table with columns for Casing size, Weight, Threads per foot, Mark, Amount, Kind of shoe, From, To, Purpose.

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 the 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 pulling.

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Table with columns for Casing size, Weight, Number sacks of cement, Method used, Mud grade, Amount of mud used.

PLUGS AND ADAPTERS

Table with columns for Adapter size, Material, Heaving plug size, Material, Length, Depth set.

SHOOTING RECORD

Table with columns for Size, Shot used, Quantity, Part, Depth shot, Depth cleaned out.

TOOLS USED

Table with columns for Cable tools used from, Rotary tools used from, Foot to, Feet and from, Feet to.

DATES

Put to production
The production for the first 24 hours was
emulsion; % water; and % sediment.
If gas well, cu. ft. per 24 hours
Rock pressure, lbs. per sq. in.

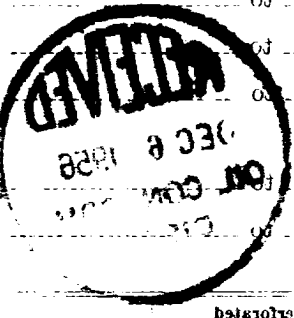
EMPLOYEES

Table with columns for Driller, Driller.

FORMATION RECORD

Large table with columns for FROM, TO, TOTAL FEET, FORMATION.

FORMATION RECORD—Continued



LOG NO. 10