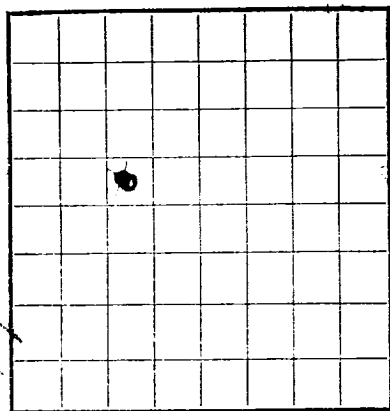


Form 9-330

U. S. LAND OFFICE **New Mexico**
SERIAL NUMBER **NM 08277**
LEASE OR PERMIT TO PROSPECT **150**



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company **Geo. D. Riggs operator** Address **Box 30, Carlsbad, NM.**
Lessor or Tract **Dan A. Hughes** Field **undesignated** State **New Mexico**
Well No. **4** Sec. **33** T. **20S** R. **28E** Meridian **N.M.P.M.** County **Eddy**
Location **2310** ft. **2310** of **N** Line and **1650** ft. **1650** of **W** Line of **Section 33** Elevation **3203.6**
(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 **Geo. D. Riggs** Title **operator**
Date **Dec. 1 1956**

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

Commenced drilling **Aug 30**, 19**56** Finished drilling **Sept. 10**, 19**56**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **677** to **681** No. 4, from _____ to _____
No. 2, from **688** to **695** No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from **53 to 55 sand, gyp water** 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—	
7	17	10	used	187	reg	left in			wtr shut-off
5 1/2	20	11	used	641	reg	left in			oil string

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7	187	8	pump/tubing		
5 1/2	641	45	Denton Well Cmg Co.		

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
Dowell sand frac with 10,000 lbs 10/20 sand and 323 bbl lse oil in open hole						

TOOLS USED

Rotary tools were used from **surface** feet to **707 T.D.** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing **Dec. 1**, 19**56**

The production for the first 24 hours was **52** barrels of fluid of which **99.5** % was oil; _____ % emulsion; **1** % water; and _____ % sediment. Gravity, °Bé. **36°**

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

R. E. Wilson, Driller **Bill Langlitz**, Driller
Ray Smith, Driller _____, Driller

FORMATION RECORD

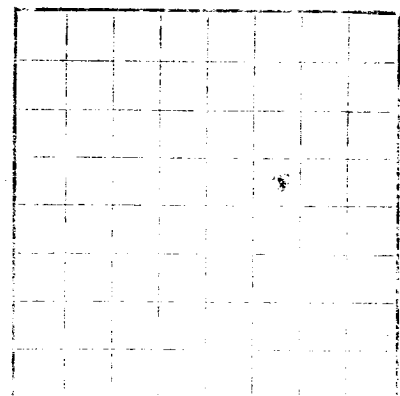
FROM—	TO—	TOTAL FEET	FORMATION
Surface	187	187	surface sand etc. water string set at 187
187	195	8	gyp
195	268	73	red sand and clay, some gyp streaks
268	278	10	white gyp
278	290	12	red sand, fine, some gyp
290	320	30	gyp and red beds
320	340	20	fine red sand
340	360	20	gyp, some red clay
360	370	10	fine sand
370	400	30	gyp, some red and blue clay
400	410	10	red and blue clay, some gyp
410	483	73	salt, some red clay and gyp
483	497	14	anhydrite

FORMATION RECORD—Continued

U.S. Land Office
Geological Survey
I have or permit to prospect for oil and gas on the following land:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company, Geo. J. King, operator
Location, Sec. 33, T. 10 N., R. 10 E., S. 1/2, 1/2
The information given is a complete and correct record of the well and all work done thereon
as far as can be determined from all available records.
Signed, *Geo. J. King*
Date, Dec. 1, 1926

The summary on this page is for the location of the well at above
Company and drilling, No. 1, 1926, finished drilling, No. 1, 1926

OIL OR GAS BANDS OR ZONES

Depth, feet	Thickness, feet	Description
No. 1, from 0 to 10	10	10
No. 2, from 10 to 20	10	10
No. 3, from 20 to 30	10	10

WATER TABLE

Depth, feet	Thickness, feet	Description
No. 1, from 0 to 10	10	10
No. 2, from 10 to 20	10	10

CASING RECORD

Depth, feet	Thickness, feet	Description
No. 1, from 0 to 10	10	10
No. 2, from 10 to 20	10	10

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 "snapped" or "set" in the well, give size and section. 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.

HISTORY OF OIL OR GAS WELL

FROM	TO	TOTAL FEET	FORMATION
497	510	13	gray dolomite 75 and 25
510	520	10	gray dolomite and anhydrite
520	530	10	gray dolomite and anhydrite
530	537	7	gray dolomite 80 and 20
537	550	13	gray dolomite 35 and gray shale 55
550	589	39	gray dolomite, hard anhydrite
589	600	11	gray dolomite 45 and gray sandy shale 15
600	615	15	gray dolomite and anhydrite
615	642	27	gray dolomite, some red clay
642	655	13	gray sand 15, anhydrite 25, dolomite 60
655	669	14	white granular anhydrite
669	697	28	gray dolomite
697	705	8	gray dolomite
705	707	2	gray dolomite, some pyrite