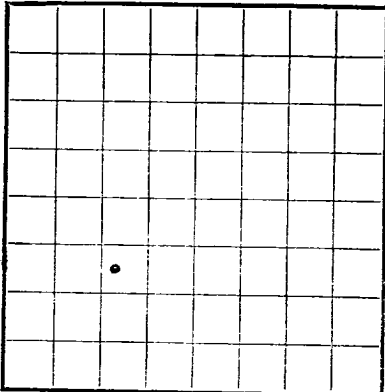




LOCATE WELL CORRECTLY

U. S. LAND OFFICE New Mexico
SERIAL NUMBER NM 08277
LEASE OR PERMIT TO PROSPECT _____UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYJUL 23 1956
AMERICAN OIL FIELD RECORD

LOG OF OIL OR GAS WELL

Company Geo. D. Riggs Address Box 30 Carlsbad, New Mexico
Lessor or Tract Hughes - Fedral Field undesignated State New Mexico
Well No. 1 Sec. 33 T. 20 S. R. 28 E. Meridian N.M.P.M. County Eddy
Location 1650 ft. N. of Line and 1650 ft. E. of Line of 33, 20-28 Elevation 3200
(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
Date July 18, 1956 Title operator

The summary on this page is for the condition of the well at above date.
Commenced drilling June 7, 1956, 19____ Finished drilling June 20 1956, 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 641 to 665 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 60 to 70 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>5 1/2</u>	<u>17 1/2</u>	<u>11 1/2</u>	<u>used</u>	<u>590</u>	<u>reg.</u>				<u>oil string</u>
HISTORIA OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>5 1/2</u>	<u>590</u>	<u>25</u>	<u>pump thru tbgs.</u>		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shelf used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
<u>3 1/2 x 20, 3 1/2 x 10</u> (8" anchor)		<u>liquid nitro</u>	<u>43 lbs</u>	<u>6/20/56</u>	<u>665</u>	<u>668</u>

TOOLS USED

Rotary tools were used from surface feet to 590 feet, and from _____ feet to _____ feet
Cable tools were used from 590 feet to 673 feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing July 13, 1956, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% 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

T. A. Tutor, Driller W. A. Dunlap, Driller
Ray Faith, Driller _____, Driller

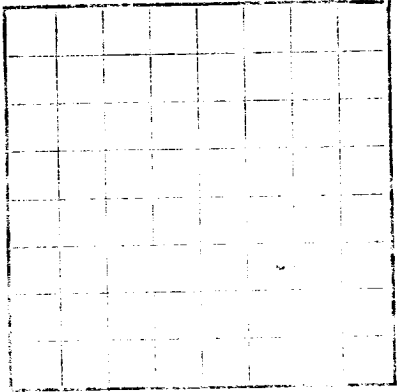
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>surface</u>	<u>10</u>	<u>10</u>	<u>surface sand and gyp</u>
<u>10</u>	<u>70</u>	<u>60</u>	<u>red beds and sand</u>
<u>80</u>	<u>80</u>	<u>10</u>	<u>sand</u>
<u>80</u>	<u>100</u>	<u>20</u>	<u>red beds and gyp</u>
<u>100</u>	<u>130</u>	<u>30</u>	<u>red sand</u>
<u>130</u>	<u>380</u>	<u>250</u>	<u>red beds and gyp</u>
<u>380</u>	<u>428</u>	<u>48</u>	<u>salt and salty clay</u>
<u>428</u>	<u>453</u>	<u>25</u>	<u>anhydrite</u>
<u>453</u>	<u>497</u>	<u>44</u>	<u>dolomite, brown and gray</u>
<u>497</u>	<u>505</u>	<u>8</u>	<u>sandy shale</u>
<u>505</u>	<u>532</u>	<u>27</u>	<u>gray dolomite and anhydrite</u>
<u>532</u>	<u>545</u>	<u>13</u>	<u>gray dolomite, hard, dense</u>
<u>545</u>	<u>590</u>	<u>45</u>	<u>dolomite and anhydrite</u>
<u>590</u>	<u>607</u>	<u>17</u>	<u>brown dolomite (dead oil stain)</u>
<u>607</u>	<u>616</u>	<u>9</u>	<u>sand and dolomite, gray</u>
<u>616</u>	<u>618</u>	<u>2</u>	<u>white anhydrite</u>
<u>618</u>	<u>634</u>	<u>16</u>	<u>sand, fine tight</u>
<u>634</u>	<u>636</u>	<u>2</u>	<u>dolomite, gray</u>
<u>636</u>	<u>672</u>	<u>32</u>	<u>sand, oil 641 to 646, some iol to 665</u>
<u>672</u>	<u>673</u>	<u>1</u>	<u>dolomite, gray, T. D.</u>

U.S. Land Office Form 9-380
Special Number _____
Issued on _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

County _____ State _____
Twp. _____ Sec. _____
Location _____
The information on this page is for the condition of the well at above date
so far as can be determined from all available records.
Signed _____
Date _____

Completed drilling _____
The summary on this page is for the condition of the well at above date
Oil or Gas Sands or Stones
(Indicate by X)

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
No. 4 from _____ to _____
No. 5 from _____ to _____
No. 6 from _____ to _____
No. 7 from _____ to _____
No. 8 from _____ to _____
No. 9 from _____ to _____
No. 10 from _____ to _____

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.

HISTORY OF OIL OR GAS WELL

MUDLOGGING AND CEMENTING RECORD		FORMATION RECORD	
Depth, feet	Remarks	Formation	Depth, feet
0	Surface	Gravel	0
10		Gravel	10
20		Gravel	20
30		Gravel	30
40		Gravel	40
50		Gravel	50
60		Gravel	60
70		Gravel	70
80		Gravel	80
90		Gravel	90
100		Gravel	100
110		Gravel	110
120		Gravel	120
130		Gravel	130
140		Gravel	140
150		Gravel	150
160		Gravel	160
170		Gravel	170
180		Gravel	180
190		Gravel	190
200		Gravel	200
210		Gravel	210
220		Gravel	220
230		Gravel	230
240		Gravel	240
250		Gravel	250
260		Gravel	260
270		Gravel	270
280		Gravel	280
290		Gravel	290
300		Gravel	300
310		Gravel	310
320		Gravel	320
330		Gravel	330
340		Gravel	340
350		Gravel	350
360		Gravel	360
370		Gravel	370
380		Gravel	380
390		Gravel	390
400		Gravel	400
410		Gravel	410
420		Gravel	420
430		Gravel	430
440		Gravel	440
450		Gravel	450
460		Gravel	460
470		Gravel	470
480		Gravel	480
490		Gravel	490
500		Gravel	500
510		Gravel	510
520		Gravel	520
530		Gravel	530
540		Gravel	540
550		Gravel	550
560		Gravel	560
570		Gravel	570
580		Gravel	580
590		Gravel	590
600		Gravel	600
610		Gravel	610
620		Gravel	620
630		Gravel	630
640		Gravel	640
650		Gravel	650
660		Gravel	660
670		Gravel	670
680		Gravel	680
690		Gravel	690
700		Gravel	700
710		Gravel	710
720		Gravel	720
730		Gravel	730
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770		Gravel	770
780		Gravel	780
790		Gravel	790
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820		Gravel	820
830		Gravel	830
840		Gravel	840
850		Gravel	850
860		Gravel	860
870		Gravel	870
880		Gravel	880
890		Gravel	890
900		Gravel	900
910		Gravel	910
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990		Gravel	990
1000		Gravel	1000