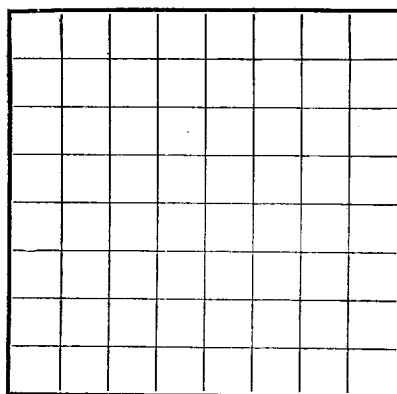


U. S. LAND OFFICE **Las Cruces**SERIAL NUMBER **069511**

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
RECEIVED
DEPARTMENT OF THE INTERIOR
JAN 12 1962
GEOLOGICAL SURVEY
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

LOG OF OIL OR GAS WELL

Company **PATOIL CORPORATION** Address **605 Midland National Bank Building**
Lessor or Tract **Wright-Federal** Field **Wildcat** State **New Mexico**
Well No. **3** Sec. **33** T. **23-S** R. **31-E** Meridian **N.M.P.M.** County **Eddy**
Location **660** ft. **[N]** of **Sec.** Line and **1980** ft. **[E]** of **Sec** Line of **Section 33** Elevation **3406 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 **O. H. Stanfield**
Date **January 6, 1962** Title **Production Superintendent**

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

Commenced drilling **December 28**, 19**61** Finished drilling **January 5**, 19**62****OIL OR GAS SANDS OR ZONES**

(Denote gas by G)

No. 1, from **None** to _____ 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 **None** 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—	
7"	23¹/₂	8	J-55	800	-----	None			Surface Csg.
HISTORY 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
7"	800	350	Circulation		

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 **0** feet to **4358** feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing _____, 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

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0'	450'	450	Sand, dark shale & limestone stringers.
450'	800'	350	Anhydrite, red shale & sand W/dolomite Stringers
800'	1015'	215	Anhydrite W/shale stringers.
1015'	2700'	1685	Salt, polyhalite W/anhydrite stringers.
2700'	3370'	670	Anhydrite W/thin dolomite stringers
3370'	3575'	205	Salt W/thin anhydrite stringers
3575'	3675'	100	Anhydrite
3675'	4022'	347	Salt
4022'	4253'	231	Anhydrite becoming dolomatic at bottom
4253'	4281'	28	Black shaley limestone
4281'	4334'	53	Shaley gray sand
4334'	4346'	12	Sandy dark gray shale
4346'	4358'	12	Shaley gray sand T.D.

Formation record taken from Electric Log.

U. S. Land Office _____
Special Agent _____
LEASE OF PERMIT TO MINERALS _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BIOLOGICAL SURVEY

RECEIVED
JAN 12 1965
MEDICAL SURVEY
NEW MEXICO

LOG OF OIL OR GAS WELL

7355-02 1 MW 77420

The summary on this page is for the condition of the well as shown data
Date and time of last observation _____
Time of day _____

_____ signed _____

The information given is available as a complete and correct record of the well and all work done thereon.
Location _____ of _____ of _____
Well No. _____ Twp. _____ R. _____ S. _____
Section or Tract _____
County _____ State _____

Company _____
Address _____

010 210 240 270 300 330 360 390 420 450 480 510 540 570 600 630 660 690 720 750 780 810 840 870 900 930 960 990

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| 6d | from $N=1$ | 6d | from $N=1$ |
| 6f | from $N=3$ | 6f | from $N=2$ |
| 6g | from $N=3$ | 6g | from $N=8$ |

SONAE AITAV TALITHOMI

$$\begin{aligned} \text{a)} \quad \text{H}^0(\mathcal{O}_{\mathbb{P}^1}(-1)) &= 0, \quad \text{H}^1(\mathcal{O}_{\mathbb{P}^1}(-1)) = 0, \quad \text{H}^2(\mathcal{O}_{\mathbb{P}^1}(-1)) = 0, \quad \text{H}^3(\mathcal{O}_{\mathbb{P}^1}(-1)) = 0, \quad \text{H}^4(\mathcal{O}_{\mathbb{P}^1}(-1)) = 0, \\ \text{b)} \quad \text{H}^0(\mathcal{O}_{\mathbb{P}^1}(-2)) &= 0, \quad \text{H}^1(\mathcal{O}_{\mathbb{P}^1}(-2)) = 0, \quad \text{H}^2(\mathcal{O}_{\mathbb{P}^1}(-2)) = 0, \quad \text{H}^3(\mathcal{O}_{\mathbb{P}^1}(-2)) = 0, \quad \text{H}^4(\mathcal{O}_{\mathbb{P}^1}(-2)) = 0, \\ \text{c)} \quad \text{H}^0(\mathcal{O}_{\mathbb{P}^1}(-3)) &= 0, \quad \text{H}^1(\mathcal{O}_{\mathbb{P}^1}(-3)) = 0, \quad \text{H}^2(\mathcal{O}_{\mathbb{P}^1}(-3)) = 0, \quad \text{H}^3(\mathcal{O}_{\mathbb{P}^1}(-3)) = 0, \quad \text{H}^4(\mathcal{O}_{\mathbb{P}^1}(-3)) = 0, \\ \text{d)} \quad \text{H}^0(\mathcal{O}_{\mathbb{P}^1}(-4)) &= 0, \quad \text{H}^1(\mathcal{O}_{\mathbb{P}^1}(-4)) = 0, \quad \text{H}^2(\mathcal{O}_{\mathbb{P}^1}(-4)) = 0, \quad \text{H}^3(\mathcal{O}_{\mathbb{P}^1}(-4)) = 0, \quad \text{H}^4(\mathcal{O}_{\mathbb{P}^1}(-4)) = 0, \end{aligned}$$

RECEIVED

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It is of the greatest importance to have a complete history of the well. Please state in detail the dates of re-drilling, 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

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

MODULINE AND CEMENTIT

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PLICE AND POLICE

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| Rotary tools were used from 1941 to 1945. | Hand tools were used from 1941 to 1945. | Hand tools were used from 1941 to 1945. |
| Hand tools were used from 1941 to 1945. | Hand tools were used from 1941 to 1945. | Hand tools were used from 1941 to 1945. |

237A3

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|---|------|
| The production for the first 94 hours was | 70% |
| % water and % sediment | 84% |
| It was on 11 Aug 62 that we | 100% |

EMPLOYERS

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| pollicell | | pollicell | |
| pollicell | | pollicell | |

FORMATION RECORD

[illegible]

1-40-19 10

FORMATION

114

TOTAL FEET

—04

FROM—

FORMATION RECORD—Continued