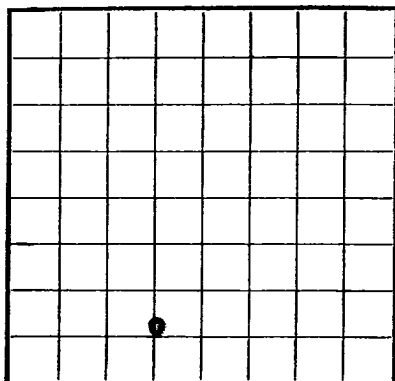


U. S. LAND OFFICE **Santa Fe**SERIAL NUMBER **NM 029144**

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES **RECEIVED**
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
SEP 9 1957
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company **Pubco Petroleum Corp.** Address **106 E. Chuska, Aztec, N. M.**
Lessor or Tract **Federal** Field **S. Blanco P.C.** State **New Mexico**
Well No. **9-3** Sec. **9** T. **27N** R. **8E** Meridian **NMPH** County **San Juan**
Location **570** ft. **N.** of **S.** Line and **2150** ft. **E.** of **W.** Line of **Section 9** Elevation **6206**
(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

Date **September 6, 1957**Title **District Geologist**

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

Commenced drilling **August 3**, 19**57** Finished drilling **August 17**, 19**57**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **2351** to **2414 (G)** 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		Purpose
							From—	To—	
9 5/8	32.3	8	Spang	111.44	None				Surface
7	24.56	8	Spang	50	2 1/2				2456
1	24.17	8	Spang	105	2 1/2				2417

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	119	100 sx 2 1/2 Ca C1	Circulated		
7	2456	50 rag 50 stratacrete	2 plug		
1	2417				

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
See below						

TOOLS USED

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

DATES

September 6, 19**57** 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 **0.64**

Rock pressure, lbs. per sq. in. **See below** **0.81**

321/7 EMPLOYEES

_____, Driller **Jewell Copeland** _____, Driller **Jeff Copeland** _____, Driller **J. L. Copeland**

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	1700	1700	Wasatch
1700	2136	436	Kirtland
2136	2351	215	Fruitland
2351	2456	105	Pictured Cliffs

Perforated **2351-58, 2363-66, 2373-95, 2399-2403, 2409-14** with four Schlumberger bullets per foot (164 total)

Sand-water fraced **2351-2414** (through perfs) with **42,800** gallons water, **29,000** pounds sand; breakdown pressure **3000** psi, treating pressure **1100** psi, Injection rate **42.6** BPM. Ran **50** 7/8 rubber balls **8** minutes after frac commenced; pressure increased to **1600** psi and broke back to **1100** psi.

IP: **CAOF 1348** MCPPD tested well through **1"** tubing and **3/4"** choke. Flow through **3/4"** choke **991** MCPPD.