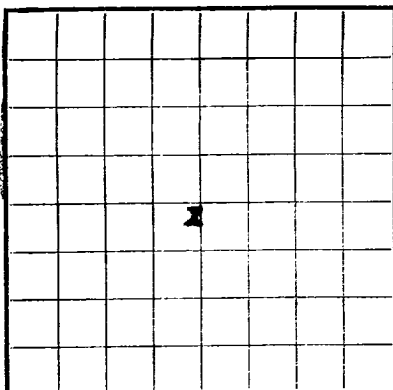


U. S. LAND OFFICE

SERIAL NUMBER **00933**

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

RECEIVED UNITED STATES
DEPARTMENT OF THE INTERIOR
JUN 13 1961
GEOLOGICAL SURVEY

RECEIVED
JUN 14 1961
O. C. C.
ARTESIA, OFFICE

LOG OF OIL OR GAS WELL

Company **W. C. WELCH** Address **ARTESIA, NEW MEXICO**
Lessor or Tract **FEDERAL FEATHERSTONE** Field **CULWIN** State **NEW MEXICO**
Well No. **I** Sec. **5** T. **19S** R. **31E** Meridian **N.M.P.M.** County **EDDY**
Location **2310** ft. **[N]** of **S** Line and **2310** **[E]** of **N** Line of **Sec. 5** Elevation=
(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 **T. F. Welch**Date **JUNE 12, 1961**Title **AGENT**

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

Commenced drilling **JUNE 12**, 19 **61** Finished drilling **APRIL 7, 1961**, 19

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3461** to **3487** No. 4, from _____ to _____
No. 2, from **3462** to **3474** 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—	
5 1/2				3715			3462	74	
HIZLOKA 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
5 1/2	3715	363	DENTON		

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 _____ feet to _____ feet, and from _____ feet to _____ feet
Cable tools were used from **0** feet to **5738** feet, and from _____ feet to _____ feet

DATES

JUNE 12, 19 **61** Put to producing **JUNE 1, 1961**, 19

The production for the first 24 hours was **80** barrels of fluid of which **100** % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. **2880**

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas **2880**Rock pressure, lbs. per sq. in. **2880****HOMER LOWREY****EMPLOYEES**
_____, Driller
_____, Driller**J. A. GREENWOOD**, Driller
_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
		2328	END OF COMPLETE DRILLER'S
		2320	TIME
		2320	TIME
		2322	TIME
		2360	TIME
		2360	TIME
		2360	TIME
		2330	TIME
		2329	TIME
		2324	TIME
		2015	TIME
		1000/3008	TIME
		3326	TIME
		3322	TIME
		3265	TIME
		3282	TIME
		3210	TIME
		3100	TIME
		300	TIME
		250	TIME
		LOUVE DEEL	LOUVE DEEL

FORMATION RECORD (OVER)