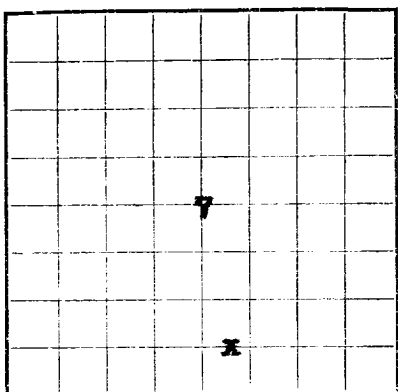


U. S. LAND OFFICE *Sanilla Tribal*
SERIAL NUMBER *Cont. #22, Tract #138*
LEASE OR PERMIT TO PROSPECTLOCATE WELL CORRECTLY
9-30

T-23N

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYU. S. GEOLOGICAL SURVEY
MINING

LOG OF OIL OR GAS WELL

Company *U. S. Smelting Ref. & Mining* Address *P.O. Box 1877, Midland, Texas*
Lessor or Tract *Sanilla Apache #138* Field *Wildcat* State *New Mexico*
Well No. *1* Sec. *7* T*23N* R. *3E* Meridian *N.M.P.M.* County *Rio Arriba*
Location *700* ft. *N.* of *S.* Line and *2040* ft. *E.* of *E.* Line of *Section 7* Elevation *7453*
(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 *Thomas L. Barber* *Thomas Barber*Date *September 1, 1954* Title *Engineer*

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

Commenced drilling *June 22*, 19*54* Finished drilling *August 12*, 19*54*

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 tested* 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—	
<i>13 5/8</i>	<i>48</i>	<i>8rd</i>	<i>Lang</i>	<i>362</i>	<i>Guide</i>	<i>None</i>	<i>None</i>	<i>None</i>	<i>water s.o.</i>
<i>7"</i>	<i>80</i>	<i>8rd</i>	<i>Lang</i>	<i>3220</i>	<i>Float</i>	<i>730</i>	<i>50.0</i>	<i>3014</i>	<i>test for</i>
							<i>2084</i>	<i>2878</i>	<i>production</i>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<i>13 5/8</i>	<i>362</i>	<i>300</i>	<i>ump & plug</i>		
<i>7"</i>	<i>3220</i>	<i>200</i>	<i>ump & plug</i>		

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 *8560* 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

Rayne Watson, Driller *J. W. Coleman*, Driller
G. Wheeler, Driller *G. Glover*, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			Formation logs:
			Wheatland - 3081'
			Pictured Cliffs - 3175'
			Lewis - 3250'
			Mosavride - 4708'
			Greenhorn - 7221'
			Dakota - 7453'
			Morrison - 7700'
			Entrada - 8510'

[OVER]

