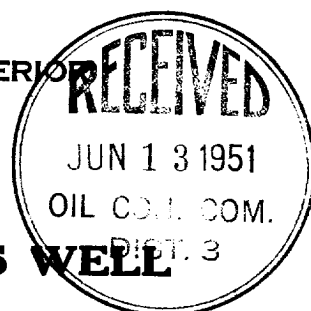


						X	

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078019
LEASE OR PERMIT TO PROSPECT _____Company POTASH CO. OF AMERICA Address BOX 31, CARLSBAD
Lessor or Tract PIPKIN Field KUTZ State N.M.
Well No. PIPKIN 2 Sec. 35 T. 28 N. R. 11 W. Meridian N.M.P.M. County SAN JUAN
Location 990 ft. {N.} of N. Line and 1045 ft. {E.} of E. Line of SEC. 35 Elevation 5662
(Derriet 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 L. P. Corbin
Title GEOL. GISTDate JUNE 12, 1951

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

Commenced drilling 4-8, 1951 Finished drilling 4-20, 1951

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1594 to 1618 (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—	
<u>8 5/8</u>				<u>104'</u>					
<u>5 1/2</u>				<u>1598'</u>					
<u>1"</u>				<u>1681'</u>					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8 5/8</u>	<u>110</u>	<u>60 sax</u>	<u>Pump</u>		
<u>5 1/2</u>	<u>1598</u>	<u>75 sax</u>	<u>Plug & Float</u>		

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
<u>7"</u>	<u>Dump</u>	<u>Solid Nitro</u>	<u>360 lbs.</u>	<u>1-10-1951</u>	<u>1697</u>	

TOOLS USED

Rotary tools were used from 0 feet to 1700 feet, and from _____ feet to _____ feet
Cable tools were used from 1700 feet to 1705 feet, and from _____ feet to _____ feet

DATES

4-24, 1951 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

J. W. CRITCHLOW _____, Driller C. M. LIFT _____, Driller
J. DWINELL _____, Driller W. E. SULLMAN _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
100	110	110	SAND ROCK
110	260	150	SAND STONE
260	570	310	SAND 90 SILTY SHALE 10
570	670	100	FINE TO COARSE SAND 60, GREY SILT AND SHALE 40
670	700	30	GREY TO BLACK SHALE 60, COARSE SAND 40 (TOP KIRTLAND)
700	940	240	GREEN GRAY SHALE 80, DARK GRAY SHALE 10, SAND 10
940	1220	280	DARK GRAY SHALE 80, LIGHT GRAY SHALE 10, SAND 10
1220	1310	90	GRAY GREEN SHALE 50, SAND 50
1310	1420	110	DARK GRAY, LITTLE GRAY GREEN SHALE 90, SAND 10
1420	1430	10	DARK GRAY SHALE 90, SAND 10, TRACE OF COAL
1430	1440	10	(TOP FRUITLAND) DARK GRAY SHALE 90, SAND 10

FORMATION RECORD—CONTINUED

