

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078019
LEASE OR PERMIT TO PROSPECT _____

						X	

28N

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Potash Co. of America Address Box 31, Carlsbad
Lessor or Tract Pipkin Field Kutz State New Mexico
Well No. 1 Sec. 36 T. 23N R. 11W Meridian N.M.P.M. County San Juan
Location 1040 ft. ~~N~~_S of N Line and 1100 ft. ~~E~~_W of E Line of Sec. 36 Elevation 5636
(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.

Date May 3, 1951 Signed L. P. Corbin
Title Geologist

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

Commenced drilling 4-3, 1951 Finished drilling 4-17, 1951

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1626 to 1735 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-	
3-7/8"	32 1/2	10		102					
5 1/2"	20 1/2	10		1330	Ballib. & Float Collar				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
3-7/8"	102	60 sacks	Displacement		
5 1/2"	1330	75 sacks	Plug and Line		

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
	4"	Solid Nitro	240	4-13-51	1636-1734	1734

TOOLS USED

Rotary tools were used from 0 feet to 1705 feet, and from _____ feet to _____ feet
Cable tools were used from 1705 feet to 1742 feet, and from _____ feet to _____ feet

DATES

4-21 (1" siphon line run), 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 440,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 505 1/2

EMPLOYEES

J. I. Critchlow, Driller Ed. Johnson, Driller
J. W. Dwinell, Driller Ed Smith, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	103	103	Sand, gravel and shale.
103	130	22	Sand & pea gravel 50, gray sh. 50.
130	270	140	Sand 90, gray sh. 10.
270	230	10	Sand 85, gray sh. 10; gray carbonaceous sh. 5.
230	420	140	Sand 90, gray green sh. 10.
420	440	20	Sand 90, gray Gr. Sh. 9, pea gravel 1.
440	430	40	Sand 90, gray green sh. 3, dark gray sh. 2.
440	500	60	Sand 60, gray gr. sh. 20.
500	600	100	Sand 90, gray gr. sh. 10.
600	700	100	Sand, coarse, 90, sh. 10, chert frgs.
700	770	70	Fine clear Qtz. sand 90; gray green sh. 10
770	790	20	Sand 70, gray green shale 30.
790	990	200	Sand 50, gray green shale 40.
990	1030	40	Sand 50; gray green shale 50.
1030	1050	20	Gray green shale 30, sand 40.
1050	1150	100	Sand 50, gray green shale 50.

