

x									

LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Jicarilla**
SERIAL NUMBER **Tribal Contr. #10**
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company San Juan Drilling Co. (Inc. in Del.) Address Box 728, Farmington, N. M.
Lessor or Tract Jicarilla Field Otero State N. M.
Well No. 1 Sec. 33 T. 23N R. 5W Meridian N.M.P.M. County Rio Arriba
Location 660 ft. [N.] of 8 Line and 660 ft. [E.] of W Line of Sec. 33 Elevation 6758 ft

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 January 29, 1959 Title C. Rossen Neal, Secretary-Treas.

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

Commenced drilling December 22, 1958, 19____ Finished drilling January 16, 1959, 19____

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 6045 to 6058 No. 4, from 6140 to 6146
 No. 2, from 6081 to 6094 No. 5, from 6200 to 6211
 No. 3, from 6104 to 6126 No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 885 to 910 No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	167'	150	Halliburton	Mostly Water	
5-1/2"	6,399'	250	Halliburton	10.4	37,800#

PLUGS AND ADAPTERS

Heaving plug—Material ----- Length ----- Depth set -----
Adapters—Material ----- Size -----

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from Surface feet to 6.39 feet, and from _____ feet to _____ feet.

Cable tools were used from 6.39 feet to _____ feet, and from _____ feet to _____ feet.

DATES

January 29, 1959, 1959 Put to producing January 16, 1959, 1959
The production for the first 24 hours was 105 barrels of fluid of which % was oil; %
emulsion: % water; and % sediment. Gravity, °Bé. 1.02

If gas well, cu. ft. per 24 hours ----- Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. ----- 550 -----

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1340	1340	tan to white coarse-grained sandstone beds interbedded with gray shale
1340	2320	980	gray sandstone beds interbedded with gray shale. <u>TOP KIRTLAND 1340</u>
2320	2672	352	gray carb. shales, coal stringers, and gray tight-fine grained sandstone. <u>TOP FRUITLAND 2320</u>
2672	2770	98	fine to medium, gray, soft sandstone <u>TOP PICTURED CLIFFS 2672</u>
2770	4242	1472	gray shale with thin, fine sandstones. <u>TOP LEWIS 2770</u>
4242	4320	78	gray, fine sandstones with gray shales. <u>TOP CLIFF HOUSE 4242</u>
4320	4865	545	gray shales interbedded with fine, gray sandstones and coal <u>TOP MINERVE 4320</u>
4865	5094	229	med. gray, fine grained dense sandstone. <u>TOP POINT LOOKOUT 4865</u>
5094	6008	914	black dense silty shale. <u>TOP UPPER MANCOS 5094</u>
6008	6335	327	silty gray sand interbedded with gray silty shale. <u>TOP GALLUP 6008</u>
6335	6349 T.D.	14	black dense silty shale. <u>TOP LOWER MANCOS 6335</u>

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Y. J. CHEN, C. L. CHEN, L. H. CHEN

[illegible]

It is a long way on the way for the committee to be able to do this.

2010-11-01

1060 JOURNAL OF ENVIRONMENT & DEVELOPMENT

CORRESPONDENCE: Dr. J. A. S. Hodge, Department of Psychiatry, University of Cambridge, Addenbrookes Hospital, Hills Road, Cambridge CB2 0RL, UK.

It is of the greatest importance to have a complete history of the well. Please state in detail the date of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If dings or bridges were put in to test for water, state kind of material used, position, and results of pumping or falling.

U.S. GOVERNMENT PRINTING OFFICE

[illegible]

2000