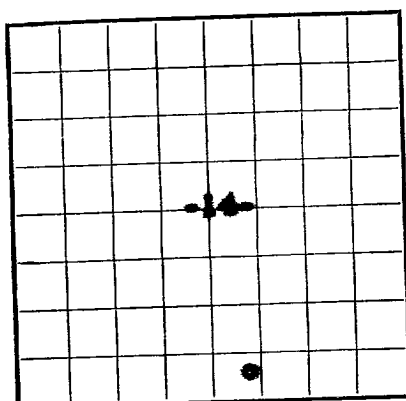


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER S. F. 679330
LEASE OR PERMIT TO PROSPECT -----



LOCATE WELL CORRECTLY



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company San Juan Gas Corporation Address 1716 1st Natl Bldg., Tulsa, Oklahoma
Lessor or Tract Harper Field Lindrith State New Mexico
Well No. 14-B Sec. 14 T. 24N 2W Meridian New Mexico Prime County Rio Arriba
Location 1110 ft. (N) of S Line and 1790 (E) of E Line of Sec. 14 Elevation 7386'
(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 Robert C. Hansen

Date 3-7-57 Title Vice President

Date 3-7-57
The summary on this page is for the condition of the well at above date.
Commenced drilling December 12, 1956 Finished drilling January 23, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1976 to 1980 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 241 to 1637 No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

CASING RECORD									Purpose
Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		
							From—	To—	
8-5/8	24	8	CTI	12	1 1/2" hole				Surf test
5-1/2	14	8	CTI	12	1 1/2" hole				Surf test

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	24	90	Ballston		
5-1/2	3385	190	"		

PLUGS AND ADAPTERS

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
	Walex Bear Gun		1 shot	1-20-57	3388	3450
	" "	" "	1 shot	"	3391	3450

TOOLS USED

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

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

DATES

DATES

_____, 19____ Put to producing _____, 19____
 _____, 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. _____ 2 est.

Rock pressure, lbs. per sq. in. _____

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
Surface	362	362	Broken ss
362	742	380	sh
742	942	200	broken ss
942	1637	695	ss
1637	1777	140	sh
1777	1857	80	ss
1857	1948	91	sh
1948	2212	264	ss
2212	2594	382	sh
2544	2714	170	ss
2714	2762	48	sh
2762	2882	40	ss
2882	2870	68	sh
2870	3212	342	ss
3212	3249	37	sh - Kirtland Formation
3249	3283	34	ss - Farmington
3283	3376	93	coal and Lignitic sh - Fruitland
3376	3450	49	ss - Pictured Cliffs
3450	3460	10	sh

