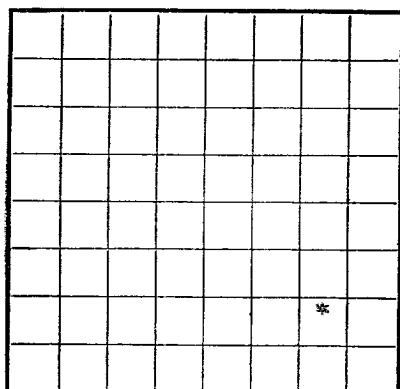
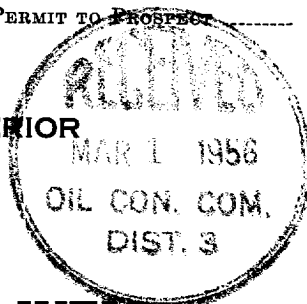


SERIAL NUMBER _____
LEASE OR PERMIT TO ~~PROSPECT~~

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

Company Caswell Silver Address 320 Amms Bldg., Albuquerque, N. M.
 Lessor or Tract Jicarilla Tribal 67 Field South Blanco State New Mexico
 Well No. 1 Sec. 20 T. 25N R. 5W Meridian NM PM County Rio Arriba
 Location 990 ft. N. of 1 Line and 950 ft. E. of 1 Line of Sec. 20 Elevation 6648 K. B. 6640 G. L.

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 Cassell K. Brown

Date February 1, 1956 Title Operator

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

Commenced drilling December 8 1955 Finished drilling December 17 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2004 to 2730 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 to _____

No. 2, from _____ to _____

No. 3, 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—	
5 7/8	47	8 rd.	J55	20' 48"	Selena	Circulated			
5 7/8	47	8 rd.	J55	2770'	float		2683	2698	
							2713	2729	
			HIPROTEC	Get on GYS					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5/8	100'	15	circulated		
1 1/2	275'	100 SACS.	circulated		

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
9716		Bullets	4 ft.	12-23-55		

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

-----, 19--
February 1, 19--
 The production for the first 24 hours was ----- barrels of fluid of which -----% was oil; -----% emulsion; -----% water; and -----% sediment.

Put to producing -----, 19--
 March 5, 19--
 Gravity, °Bé. -----

If gas well, cu. ft. per 24 hours 5,645 Gallons gasoline per 1,000 cu. ft. of gas .65

Rock pressure, lbs. per sq. in. -----
XXXXXXXXXXXX 363 sign

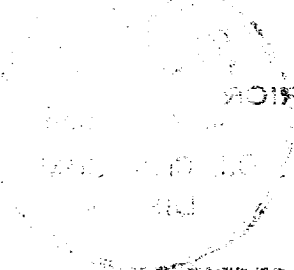
EMPLOYEES

C. E. Moore	Driller	E. A. Wain	Driller
J. L. Hambree	Driller		Driller

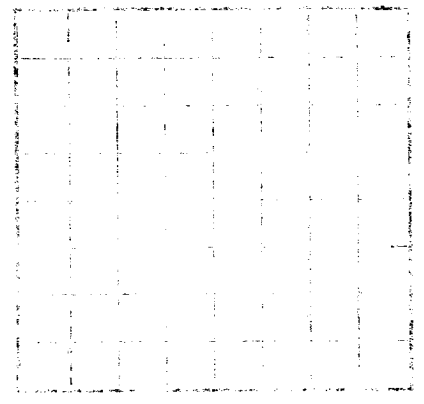
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	134	134	Sand rock
134	206	72	Brown sand
206	253	47	Sand - white
253	325	72	Shale
325	354	29	Sand - white
354	390	36	Shale - gray
390	406	16	Lime - white
406	457	51	Shale
457	480	23	Sand - white
480	600	120	Shale
600	615	15	Sand - white
615	690	75	Shale
690	709	19	Sand
709	774	65	Shale
774	824	50	Sand
824	886	62	Shale
886	1019	133	Sandy shale
1019	1035	16	Sand
1035	1120	85	Shale
1120	1143	23	Sand
1143	1234	91	Shale
1234	1286	52	Sand

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL



The following information was obtained from the log of the well described above, and is given for the purpose of showing the results of the work done in the well, and the nature of the formation encountered. The log is given in the form of a table, and the information is given in detail, 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 plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates 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 plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

This well was drilled without difficulty. Casing was set through pay and pay perforated 4 shots per foot. Cased with 42,000 gallons water and 25,000 pounds of sand. Bailed until clean. Run 2 inch tubing and completed.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates 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 plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL			
10-53084-2 U. S. GOVERNMENT PRINTING OFFICE			
FROM-	TO-	TOTAL FEET	FORMATION
1265	1500	235	Shale and sandy shale
1500	1539	39	Shale
1539	1600	61	Bentonite and sandy shale
1600	1610	10	Sandy shale
1610	1680	70	Shale
1680	1715	35	Sand
1715	1740	25	Shale
1740	1753	13	Sand
1753	1806	53	Shale and sandy shale
1806	1806	0	Shale
1806	1960	154	Shale
1960	2040	80	Bentonite and shale
2040	2145	105	Sand
2145	2150	5	Shale
2150	2225	75	Sand
2225	2250	25	Shale
2250	2340	90	Sand
2340	2410	70	Shale
2410	2455	45	Sand
2455	2515	60	Shale
2515	2553	38	Sand
2553	2570	17	Shale
2570	2592	22	Sand
2592	2660	68	Shale
2660	2690	30	Coal
2690	2710	20	Shale
2710	2781	71	Sand and shale
2781	2772 T.D.	9	Corrected depth from surface