

U. S. LAND OFFICE Santa Fe, N. M.
SERIAL NUMBER SF 078061
LEASE OR PERMIT TO PROSPECT -----

[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Shell Oil Company Address Post Office Box 158, Farmington, N.M.
Lessor or Tract Federal - Carson Unit Field Bisti State New Mexico
Well No. 113-17 Sec. 17 T. 25N R. 11W Meridian NMPM County San Juan
Location 1980 ft. [N.] of S. Line and 660 ft. [E.] of W. Line of Sec. 17 Elevation 6427 KB

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 September 16, 1959

Title ~~Position~~ Exploitation Engineer

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

Commenced drilling November 11, 1958 Finished drilling January 18, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

Gross (Denote gas by G)

No. 1, from <u>1918</u> to <u>1950</u>	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from <u>1950</u> to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, 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	1205'	500 cu.ft. Diamix	+200 Displacement	-	-
5-1/2	6004	600 " "	"		

PLUGS AND ADAPTERS

PLUGS AND ADAPTERS			
Heaving plug—Material	Length	Depth set	Cement Plug 5980'
Adapters—Material	Size		Brdg. Plug 5100'

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0 feet to 11430 feet, and from - feet to - feet
Cable tools were used from - feet to - feet, and from - feet to - feet

DATES

September 16, 1959
 The production for the first 24 hours was 136 barrels of fluid of which 99.7% was oil; %
 emulsion; % water; and 0.3% sediment.
 If gas well, cu. ft. per 24 hours
 Rock pressure, lbs. per sq. in.

Put to producing August 30, 1959
 Gravity, ~~86~~ 40° API approx.
 Gallons gasoline per 1,000 cu. ft. of gas

EMPLOYEES Contractor of Loffland Bros.

J. W. Frogin	Driller	A. L. Hutch	Driller
D. W. Allred	Driller		Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1267	1606	339	Pictured Cliffs
1606	3473	2137	Cliff House
3473	3918	175	Point Lookout
3918	4812	894	Mancos
4812	5268	456	Gallup
5268	5637	369	Sanastee
5637	5729	92	Greenhorn
5729	5956	227	Dakota
5956	6877	921	Morrison
6877	6904	27	Todilto
6904	7220	316	Entrada
7220	8205	985	Chinle
8205	9865	1660	Cutler
9865	11162	1297	Hermosa
11162	11240	78	Molas
11240	11353	113	Leadville
11353	-	-	Ignacio

UNITED STATES

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

11

Date _____ Title _____
 Signed _____
 The information given herewith is a complete and correct record of the well and all work done thereon
 as far as can be determined from all available records.
 Location 1 1/2 miles N. of S. line and 8 1/2 E. of E. line of Sec. 11 of Range 11 of Town 11
 Well No. 11-11-11-11 Sec. 11 T. 11 S. R. 11 W. Meridian
 Section or Tract _____ Township _____ Range _____
 County _____ State _____
 Address _____
 Company _____

Commenced drilling 1931. Finished drilling 1932.

OIL OR GAS SANDS OR ZONES

(b) (5) DPP, (b) (5) ACP

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
No. 4 from _____ to _____
No. 5 from _____ to _____
No. 6 from _____ to _____

IMPORTANT WATER SANDS
Drilling History

No. 7 from _____ to _____
No. 8 from _____ to _____
No. 9 from _____ to _____
No. 10 from _____ to _____

CASING RECORD

Number of shots	Weight of shot	Through bar rings	Size	Amount	Kind of shoe	Use and bearing	Remarks	Subsides
It is of the greatest importance to have a complete history of the well. Please state in detail the dates of refilling, 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 shot back, 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 plungers 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

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible]

FOR THE WEEK

FORMATION RECORD—Continued

SHELL OIL COMPANY

Carson Unit
WELL NO. 113-17

Bisti

(FIELD)

San Juan, New Mexico

(COUNTY)

DRILLING REPORT

FOR PERIOD ENDING

8-30-59

17

(SECTION OR LEASE)

T. 25 N., R. 12 W.

(TOWNSHIP OR RANCHO)

DAY	DEPTHS		REMARKS
	FROM	TO	
8-13 to 8-14	TD 11430 PBTD 5980 Brdg Plug		Attempted to perforate, gun hung up at 4864'. Moved in Completion rig. Cleaned out with 4-3/4" bit. Perforated four 1/2" holes/ft. 4918-36 and 4942-50'.
8-16	5100		Spotted 200 gal. mud acid on perforations. Sand oil fractured with 50,000 gal. crude, 1#/gal. sand. Break down pressure 2100 to 1350. Maximum pressure 1750 psi. Minimum pressure 1500 psi. average rate 46 bbls/min. Dropped 72 balls, no effect in pressure. Displaced and flushed with 162 bbls. crude.
8-17			Bailed 30' frac sand. Ran tubing to 4925'. Ran pump and rods.
8-18			Put on production 4:00 P.M. 8-18-59.
8-17 to 8-29			Pumped and recovered all load and frac oil, 1630 bbls.
8-30			INITIAL PRODUCTION Pumping 136 B/D gross, 136 B/D oil, 0.3% cut, 217 MCF/D gas, GOR 1600. Completed 8-30-59

CONDITION AT BEGINNING OF PERIOD

HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
13-3/4"	0	1243	10-3/4"	1205'
9"	1205	11430	5-1/2"	6004'
DRILL PIPE SIZES 4-1/2"				

M. W. McGarry

mm