

U. S. LAND OFFICE _____
 SERIAL NUMBER SF _____
 LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Shell Oil Company Address Post Office Box 152, 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 NMPN County San Juan
Location 1980 ft. [N.] of 5 Line and 660 ft. [E.] of W Line of Sec. 17 Elevation 6427 KB
(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 September 16, 1959

Title ~~██████████~~ 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)

Cross (Denote gas by G)

No. 1, from <u>1918</u> to <u>1950</u> No. 2, from _____ to _____ No. 3, from _____ to _____	No. 4, from _____ to _____ No. 5, from _____ to _____ No. 6, from _____ to _____
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~~SECRET~~ **IMPORTANT: WATER SANDS**

No. 1, from _____ 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—	
10-3/4	52.15	8	10-3/4	52.15	10-3/4	10-3/4	10-3/4	10-3/4	10-3/4
5-1/2	52.15	8	5-1/2	52.15	5-1/2	5-1/2	5-1/2	5-1/2	5-1/2
HISTORY OF OIL OIL CAS MFG									
TO—TSCM-3 N. S. ROACHMAN BUILDING OFFICE									

MUDDING AND CEMENTING RECORD

Size casting	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	1205'	500 cu.ft. Disamix +200	Displacement	-	-
5-1/2	6004	600 " "	"		

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

TOOLS USED

Rotary tools were used from 0 feet to 1150 feet, and from 2 feet to 2 feet.

Cable tools were used from 2 feet to 2 feet, and from 2 feet to 2 feet.

DATES

September 16	1959	Put to producing	August 30	1959
The production for the first 24 hours was	136	barrels of fluid of which	99.7	% was oil; %
emulsion; % water; and	6.3	% sediment.	Gravity, °Bé.	
If gas well, cu. ft. per 24 hours			xxx 140° API approx.	
Rock pressure, lbs. per sq. in.		Gallons gasoline per 1,000 cu. ft. of gas		

EMPLOYEES Contractor of Loffland Bros.

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

FORMATION RECORD

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	Mancoos
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	Outler
9865	11162	1297	Hermosa
11162	11240	78	Molas
11240	11353	113	Leadville
11353	-	-	Ignacio

FOKINATION RECORD—Continued

SHELL OIL COMPANY

Carson Unit
 WELL NO. 113-17

Bisti

DRILLING REPORT
 FOR PERIOD ENDING

17

(FIELD)
 San Juan, New Mexico
 (COUNTY)

8-30-59

(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		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'.
	Brdg Plug		
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, G&R 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

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