

U. S. LAND OFFICE Santa Fe, N. M.
SERIAL NUMBER SF 078067
LEASE OR PERMIT TO PROSPECT _____

A grid of graph paper with a small black dot at the bottom center and the number "11" written in the middle.

LOCATE WELL CORRECTLY



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Shell Oil Company Address P.O. Box 15E, Farmington, New Mexico
Lessor or Tract Federal Carson Unit Field Bisti State New Mexico
Well No. 24-11 Sec. 11 T. 25NR. 12W Meridian NEPA County San Juan
Location 660 ft. [N. 1/4] of S. Line and 1976 ft. [E. 1/4] of W. Line of Sec. 11 Elevation 6265 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.

Signed _____ Original signed by
D. W. SHERRARD

Date ~~November 25, 1959~~-----

Title.....~~Exploitation Engineer~~---

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

Commenced drilling October 10, 1959 Finished drilling October 16, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(gross) (Denote gas by G)

No. 1, from <u>4780</u> to <u>4879</u>	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 _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

CASING RECORD							Perforated		Purpose
Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	From—	To—	
8-5/8	20	6	Maryland	101	Saker	and accounts of Bureau of Geology	7-100	7-100	Production
9-5/8	20	6	to pass a complete record of the work.	101		the date of inquiry	gross		
			HIGHLY OIL OR GAS AREA						

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
3-5/8	110	100	Displacement	-	-
4-1/2	4925	150	"	-	-

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

TOOLS USED

Rotary tools were used from 0 feet to 4925 feet, and from - feet to - feet

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

DATES

DATES	
November 25, 1959	Put to producing October 28, 1959

The production for the first 24 hours was 102 barrels of fluid of which 92.8 % was oil; ----- % emulsion; ----- % water; and 0.2 % sediment. Gravity, ~~BA~~ 40° API (approx)

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

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

EMPLOYEES Brinkerhoff Drlg. Co.

EMPLOYEES		POSITION	
J. Speaker	Driller	M. Babcock	Driller
M. Black	Driller		Driller

FORMATION RECORD

FORMATION RECORD			
FROM—	TO—	TOTAL FEET	FORMATION
		<u>Electric Log Tops</u>	
1118	1303	185	Pictured Cliffs
1303	1479	176	Lewis
1479	1964	485	Cliff House
1964	3603	1639	Allison-Menefee
3603	3766	163	Point Lookout
3766	4688	922	Mancos
4688	-	-	Gallup

DEPARTMENT OF THE INTERIOR
BIOLOGICAL SURVEY

[illegible]

У ПОДЯНОК СЕРГІЯ

CONFIDENTIAL

[illegible]

10-10-68

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 balling of shots.

HISTORY OF OIL OR GAS WELL

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

FROM-	TO-	TOTAL FEET	FORMATION
			1. 0-10' Sandstone, yellowish, fine grained, medium bedded, contains small pebbles of quartz and chert. 2. 10-20' Sandstone, yellowish, fine grained, medium bedded, contains small pebbles of quartz and chert. 3. 20-30' Sandstone, yellowish, fine grained, medium bedded, contains small pebbles of quartz and chert. 4. 30-40' Sandstone, yellowish, fine grained, medium bedded, contains small pebbles of quartz and chert. 5. 40-50' Sandstone, yellowish, fine grained, medium bedded, contains small pebbles of quartz and chert. 6. 50-60' Sandstone, yellowish, fine grained, medium bedded, contains small pebbles of quartz and chert. 7. 60-70' Sandstone, yellowish, fine grained, medium bedded, contains small pebbles of quartz and chert. 8. 70-80' Sandstone, yellowish, fine grained, medium bedded, contains small pebbles of quartz and chert. 9. 80-90' Sandstone, yellowish, fine grained, medium bedded, contains small pebbles of quartz and chert. 10. 90-100' Sandstone, yellowish, fine grained, medium bedded, contains small pebbles of quartz and chert.

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INFORMATION RECORD—Continued

Bisti

DRILLING REPORT

11

(FIELD)
San Juan New Mexico

FOR PERIOD ENDING

10-16-59

(SECTION OR LEASE)
T25N R12W

(COUNTY)

(TOWNSHIP OR RANCHO)

DAY	DEPTHS		REMARKS
	FROM	TO	
			<u>Location:</u> 660' N and 1976' E of SW Corner, Section 11, T25N, R12W, NMPM, San Juan County, New Mexico <u>Elevations:</u> DF 6263.5, GR 6255.8, KB 6265.0
10-10 to 10-11	-0-	2311	Spudded 3:30 P.M., 10-10-59. Ran and cemented (101') 8-5/8", 24#, J-55 casing at 110' with 100 sacks cement treated with 2% calcium chloride. Good returns to surface. Flanged up and waited on cement. Pressure tested casing and BOP with 700 psi., OK.
10-12 to 10-15	2311	4866	<u>Drilled 2555'</u>
10-16	4866	4925 TD	<u>Drilled 59'</u> Ran Micro-SP log. Ran and cemented (4916') 4-1/2", 9.5#, J-55 casing at 4925' with 150 sacks cement treated with 4% gel. Final pressure 1500 psi. Displaced with oil. Released rig 9:30 P.M. 10-16-59. Checked BOP daily Mud Summary wt. 9.2 - 9.9#/gal vis. 46 -120 sec. WL 5.8 - 8 cc FC 1-2/32 Contractor: Brinkerhoff Drilling Co. Drillers: J. Speaker W. Black E. Babcock

CONDITION AT BEGINNING OF PERIOD				
HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
DRILL PIPE SIZES				

M. W. McGarry, Jr.

SIGNED

Bisti

DRILLING REPORT FOR PERIOD ENDING

11

San Juan (FIELD) New Mexico

(SECTION OR LEASE)

(COUNTY)

10-28-59

T25N R12W

(TOWNSHIP OR RANCHO)

DAY	DEPTHS		REMARKS
	FROM	TO	
10-17	4925 TD		Perforated four 1/2" holes/ft. 4780-4804, 4808-14, 4853-64, 4869-79.
10-18			Spotted 200 gal. mud acid. Sand oil fractured with 50,000 gal. crude, 1 lb/gal. sand. Maximum pressure 3300 psi. Average rate 24 bbls/min. Dropped 120 balls which caused an increase of 1000 psi.
10-19			Cleaned out frac sand 4840-4900.
10-20 to 10-21			Ran tubing to 4790'. Ran rods and pump.
10-22 to 10-27			Pumped and recovered all load and frac oil, 1436 bbls.
10-28			Initial Production Pumping 102 B/D gross, 102 B/D clean, cut 0.2%, Gas 138 MCF/D, GOR 1354, Completed 10-28-59.

CONDITION AT BEGINNING OF PERIOD				
HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
12-1/4"	0	115	8-5/8"	110'
7-7/8"	115	4925	4-1/2"	4925'
DRILL PIPE SIZE 4-1/2"				

M. W. McGarry, Jr.

SIGNED