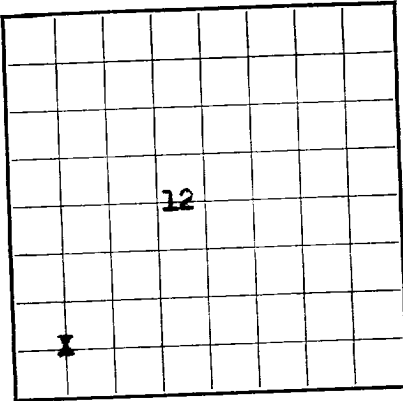


U. S. LAND OFFICE Santa Fe, NM
SERIAL NUMBER SF 078064
LEASE OR PERMIT TO PROSPECT _____UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company Shell Oil Company Address 101 South Behrend, Farmington, NM
 Lessor or Tract Federal-Carson Unit Field Bisti State New Mexico
 Well No. 14-12 Sec. 12 T. 25N R. 12W Meridian NMPM County San Juan
 Location 660 ft. N. of S Line and 660 ft. E. of W Line of Sec. 12 Elevation 6364 (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. Original signed by
 Signed _____ E. W. SHEPARD
 Date June 26, 1958 Title Exploitation Engineer

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

Commenced drilling May 17, 1958 Finished drilling May 23, 1958

OIL OR GAS SANDS OR ZONES

(gross) (Denote gas by G)
 No. 1, from 4886 to 4984 No. 4, from _____
 No. 2, from _____ to _____ No. 5, from _____
 No. 3, from _____ to _____ No. 6, from _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____
 No. 2, 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—	
8 5/8"	24	8	Nat'l	89	Baker	---	4886	4984	Surface
4 1/2"	9.5	8	---	5011	Baker	---	(gross)		Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8"	99	100	Displacement	---	---
4 1/2"	5021	150	Displacement	---	---

[OVER]

FROM-	TO-	TOTAL FEET	FORMATION
1190	1112	222	Pictured cliffs
1112	1562	170	Lewis
1562	2022	440	Cliff House
2022	3700	1678	Allison-Menelee
3700	3864	164	Point Lookout
3864	4780	916	Mancos
4780	---	---	Gallup

FORMATION RECORD

C. Adams, Driller
 H. Babcock, Driller
 W. Black, Driller
 Brinkhoff Drilling Company

EMPLOYEES

June 26, 1958
 The production for the first 24 hours was 606 barrels of fluid of which 99.2% was oil; 0% emulsion; 0% water; and 0.8% sediment.
 If gas well, cu. ft. per 24 hours
 Rock pressure, lbs. per sq. in.
 Gallons gasoline per 1,000 cu. ft. of gas
 Gravity, 88.6
 Approx. 39° API

DATES

June 8, 1958
 Put to producing
 Rotary tools were used from 0 feet to 5030 feet, and from 5030 feet to 5030 feet
 Cable tools were used from 5030 feet to 5030 feet, and from 5030 feet to 5030 feet

TOOLS USED

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

SHOOTING RECORD

Adapters—Material
 Length
 Depth set
 Size

SHELL OIL COMPANY

Carson Unit

WELL NO. 14-12

Bisti

(FIELD)

San Juan, New Mexico

(COUNTY)

DRILLING REPORT

FOR PERIOD ENDING

5-25-5812

(SECTION OR LEASE)

T25N R12W

(TOWNSHIP OR RANCHO)

DAY	DEPTHS		REMARKS
	FROM	TO	
			<u>Location:</u> 660'N and 660'E of SW Corner, Section 12, T25N, R12W, NMPM, San Juan County, New Mexico <u>Elevations:</u> DF 6363.1 GR 6355.3 KB 6364.3
5-17	0	2635	Spudded 12:15 P.M., 5-17-58. Ran and cemented (89') 8 5/8", 24#, J-55 Nat'l casing at 99' w/ 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.
5-19 to 5-23	2635	5030	Drilled 2395'. Twisted off at 4418' leaving 12 drill collars in hole. Ran Bowen socket, bumper sub and jars - recovered fish.
5-24 to 5-25	5030	TD	Ran Electrical survey and Microlog. Ran and cemented (5011') 4 1/2", 9.5# and 10.8# casing at 5021' with 150 sacks cement treated with 4% gel. Displaced with oil. Released rig 11:00 A.M., 5-25-58. Checked BOP daily Mud summary wt 9.3-9.7#/gal. vis 40-85 sec. wl 6-9.2 cc fc 2/32" Contractor: Brinkerhoff Drilling Company Drillers: W. Black E. Babcock C. Adams

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

R. D. Allen