


U. S. LAND OFFICE Santa Fe, N.M.
SERIAL NUMBER SF 073064
LEASE OR PERMIT TO PROSPECT -----

24

X

LOCATE WELL CORRECTLY



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Shell Oil Company Address 705 West Municipal Drive, Farmington, N.M.
Lessor or Tract Federal - Carson Unit Field Bisti State New Mexico
Well No. 44-24 Sec. 24 T. 25N R. 12W Meridian NMBM County San Juan
Location 660 ft. ^[N] of S. Line and 660 ft. ^[W] of E. Line of Section 24 Elevation 6464 KB
(Overlaid 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 _____ R. S. Mc...

Date May 26, 1959 Title Exploitation Engineer

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

Commenced drilling April 2, 1959 Finished drilling April 26, 1959

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 4846 to 4961 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

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5/8"	103	100	Displacement	—	—
1 1/2"	5023	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

Rotary tools were used from 0 feet to 5025 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

DATES

----- May 26 -----, 19-59 Put to producing ----- May 9, -----, 19-59

The production for the first 24 hours was 719 barrels of fluid of which 99.8 % was oil; ----- % emulsion; ----- % water; and 0.2 % sediment. Gravity, °Bé 18 1.00 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

EMPLOYEES		Brinkerhoff Drlg. Co.	
C. Adams	Driller	E. Babcock	Driller
J. Spunker	Driller		Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1230	1393	163	Pictured Cliffs
1393	1574	176	Lewis
1574	2073	499	Cliff House
2073	3650	1577	Allison-Menefee
3650	3822	172	Point Lookout
3822	4744	922	Mancos
4744	--	--	Gallup

SHELL OIL COMPANY

Carson Unit

WELL NO. 44-24

DRILLING REPORT

FOR PERIOD ENDING

Bisti

(FIELD)

San Juan, New Mexico

(COUNTY)

4-28-59

24

(SECTION OR LEASE)

T. 25 N., R. 12 W.

(TOWNSHIP OR RANCHO)

DAY	DEPTHS		REMARKS	
	FROM	TO		
			<p><u>Location:</u> 660' N and 660' W of SE Corner, Section 24, T. 25 N., R. 12 W., N.M.P.M., San Juan County, New Mexico.</p> <p><u>Elevations:</u> DF 6462.9' MAT 6455.4' KB 6464.4'</p>	
4-20 to 4-21	0	2242	Spudded 1:30 P.M. 4-20-59. Ran and cemented (93') 8-5/8", 24#, J-55 casing at 103' with 100 sacks cement treated with 2 per cent calcium chloride. Good returns to surface. Flanged up and waited on cement. Pressure tested casing and BOP with 700 psi, OK.	
4-22 to 4-26	2242	5025	<u>Drilled 2783'.</u>	
4-27 to 4-28	5025 (TD)		<p>Attempted to run Electrical survey, stopped at 225'. Made short trip, attempted to rerun log, stopped at 1300'. Ran to bottom and circulated. Ran Electrical survey and microlog-caliper. Ran and cemented (5013') 4-1/2", 9.5#, J-55 casing at 5023' with 150 sacks cement treated with 4 per cent gel. Displaced with oil. Final pressure 1800 psi. Released rig 2:15 A.M. 4-28-59.</p> <p>Checked BOP Daily Mud Summary wt 9.2 - 9.8 #/gal. vis 43 - 150 sec. wl 5.8 - 7.2 cc FC 2/32"</p>	
CONDITION AT BEGINNING OF PERIOD			<p>Contractor: Brinkerhoff Drilling Company</p> <p>Drillers: J. Speaker E. Babcock C. Adams</p> <p>Co. Pusher: R. I. Alberts</p>	
HOLE		CASING SIZE		DEPTH SET
SIZE	FROM	TO		
DRILL PIPE SIZES				

SHELL OIL COMPANY

Carson Unit
 WELL NO. 711-214

DRILLING REPORT
 FOR PERIOD ENDING

24

Bisti

(FIELD)

San Juan, New Mexico

(COUNTY)

5-9-59

(SECTION OR LEASE)

T. 25 N., R. 12 W.

(TOWNSHIP OR RANCHO)

DAY	DEPTHS		REMARKS
	FROM	TO	
4-28	5025 (TD)		Perforated four 1/2" bullet holes/ft. 4846-58, 4874-4920, 4929-39, 4945-61.
4-29			Ran 2-3/8" tubing, set packer at 4793'. Made pressure survey.
4-30			Spotted 200 gallons mud acid. Sand oil fracture treatment No. 1 with 50,000 gallons crude, 1#/gallon sand, 280 balls. Minimum pressure 1000 psi, maximum pressure 2600 psi, average rate 36 bbls./minute.
5-1			Ran 2-3/8" tubing to 4874', ran pump and rods.
5-2 to 5-8			Pumped and recovered all load and frac oil, 1509 barrels.
5-9			INITIAL PRODUCTION Pumping, 720 B/D gross, 719 B/D clean, cut 0.2%, 586 MCF/D, GOR 810. (Test of 9-1/2 hours made 288 barrels.) Completed 5-9-59.

CONDITION AT BEGINNING OF PERIOD

HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
12-1/4	0	115	8-5/8	103'
7-7/8	115	5025	4-1/2	5023'
DRILL PIPE SIZES			4-1/2	

E. B. Johnstone

SIGNED