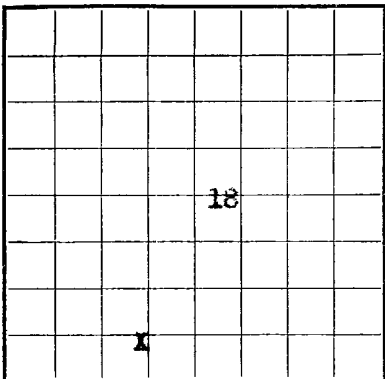


Form 9-330



LOCATE WELL CORRECTLY



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
JUN 15 1959
U. S. GEOLOGICAL SURVEY
NEW MEXICO

LOG OF OIL OR GAS WELL

Company Shell Oil Company Address 705 West Municipal Drive, Santa Fe, N.M.
Lessor or Tract Federal - Carson Unit Field Misti State New Mexico
Well No. 24-18 Sec. 18 T. 25N R. 11W Meridian NMBM County San Juan
Location 600 ft. N of S Line and 1930 ft. E of W Line of Sec. 18 Elevation 6409 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.

Original signed by _____
Signed R. S. Mac ALISTER, JR.
Date May 26, 1959 Title Drilling Engineer

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

Commenced drilling April 28, 1959 Finished drilling May 4, 1959

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

No. 1, from 4861 to 4376 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. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Depth set	Depth pulled from	Perforated		Purpose
						From—	To—	
<u>3-5/8"</u>	<u>24.1</u>	<u>—</u>	<u>Int'l</u>	<u>96'</u>	<u>Baker</u>	<u>—</u>	<u>—</u>	<u>Surface</u>
<u>4-1/2"</u>	<u>4.5</u>	<u>—</u>	<u>—</u>	<u>4997'</u>	<u>—</u>	<u>4861</u>	<u>4976</u>	<u>Production</u>
							<u>(gross)</u>	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>3-5/8"</u>	<u>106</u>	<u>100</u>	<u>Displacement</u>	<u>—</u>	<u>—</u>
<u>4-1/2"</u>	<u>5007</u>	<u>150</u>	<u>"</u>	<u>—</u>	<u>—</u>

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 5010 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

May 26, 1959 Put to producing May 18, 1959
The production for the first 24 hours was 185 barrels of fluid of which 99.6% was oil; _____% emulsion; _____% water; and 0.4% sediment. Gravity, 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. _____

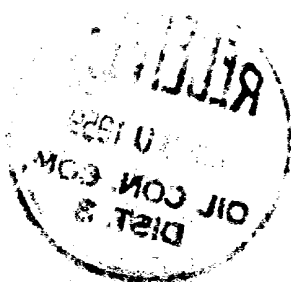
EMPLOYEES Brinkerhoff Drilling Co.

J. Speaker, Driller L. Balcock, Driller
C. Adams, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>1150</u>	<u>1400</u>	<u>220</u>	<u>Pictured Cliffs</u>
<u>1400</u>	<u>1555</u>	<u>155</u>	<u>Lewis</u>
<u>1555</u>	<u>2025</u>	<u>470</u>	<u>Cliff house</u>
<u>2025</u>	<u>3603</u>	<u>1638</u>	<u>Allison-Benefee</u>
<u>3603</u>	<u>3863</u>	<u>200</u>	<u>Point Lookout</u>
<u>3863</u>	<u>4700</u>	<u>897</u>	<u>Mancos</u>
<u>4760</u>	<u>—</u>	<u>—</u>	<u>Gallup</u>

[OVER]



ST. PETER'S CHURCH

Attached: Drilling History

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of peddling, 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 bailing.

HISTORY OF OIL OR GAS WELL

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

[illegible]

SHELL OIL COMPANY

Carson Unit
WELL NO. 24-18

18

Bisti

DRILLING REPORT

FOR PERIOD ENDING

5-8-59

(FIELD)
San Juan, New Mexico

(COUNTY)

(SECTION OR LEASE)
T25N R11W

(TOWNSHIP OR RANGE)

DAY	DEPTHS		REMARKS
	FROM	TO	
			Location: 660'N and 1930'E of SW Corner Section 18, T25N, R11W, NMPM, San Juan County, New Mexico Elevations: GR 6399.9' DF 6407.4' KB 6408.9'
4-28 to 4-29	0	2363	Spudded 12:30 p.m., 4-28-59. Ran and cemented (96') 8-5/8", 24# J-55 casing at 106' 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, O.K.
4-30 to 5-3	2363	4828	Drilled 2465'.
5-4 to 5-5	4828	5010 (T.D.)	Drilled 182'. Ran Electrical Survey and Microlog. Ran and cemented (4997') 4-1/2", 9.5# J-55 casing at 5007' with 150 sacks cement treated with 4% gel. Displaced with oil. Final pressure 1800 psi. Released rig 6:45 p.m., 5-5-59. Checked BOP daily Mud Summary Wt 9.4 - 9.9 #/gal Vis 48 - 130 sec. WL 3.8 - 7.4 cc FC 2/32 - 7.4 cc Contractor: Brinkerhoff Drilling Company Drillers: J. Speaker C. Adams E. Babcock Company Pusher: R. I. Alberts
5-6	5010 (T.D.)		Jet perforated four 1/2" holes/ft. 4861-89, 4894-4902, 4934-41, 4946-60, 4963-76.
5-7			Ran tubing to 4997', packer at 4831'. Made pressure survey.
5-8			Spotted 200 gal. mud acid. Pulled tubing. Fracture Treatment #1. Sand oil fractured with 50,000 gallons oil and 1#/gallon sand, 350 balls. Minimum pressure 2200 psi, maximum pressure 2650 psi, average rate 40 bbls/min.
CONDITION AT BEGINNING OF PERIOD			
HOLE			CASING SIZE
SIZE	FROM	TO	DEPTH SET
DRILL PIPE SIZES			

M. W. McGowan

SHELL OIL COMPANY

Carson Unit
WELL NO. 21-18DRILLING REPORT
FOR PERIOD ENDING

Bisti

(FIELD)

San Juan, New Mexico

(COUNTY)

5-18-59

18

(SECTION OR LEASE)

T25N R11W

(TOWNSHIP OR RANGE)

DAY	DEPTHS		REMARKS
	FROM	TO	
5-9			Found frac sand at 4971', bailed to 5000'.
5-10			Ran 2-3/8" tubing, pump and rods.
5-11 to 5-17			Pumped and recovered all load and frac oil, 1563 barrels.
5-18			INITIAL PRODUCTION Pumped 185 B/D gross, 184 B/D clean, cut 0.4%, 258 MCF/D, GOR 1760. (19 hour test produced 146 barrels gross, 145 barrels clean). Completed 5-18-59.

CONDITION AT BEGINNING OF PERIOD

HOLE			CASING SIZE	DEPTH SET
SIZE	FROM	TO		
12-1/4"	0	115	8-5/8	106'
7-7/8"	115	5010	4-1/2"	5007'
DRILL PIPE SIZE 4-1/2				