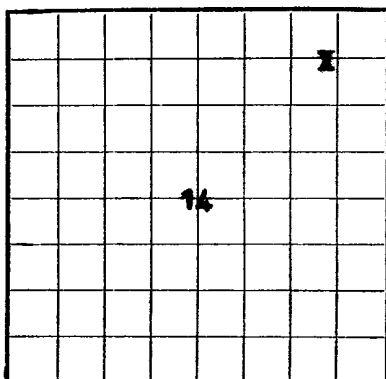


U. S. LAND OFFICE Santa Fe, N. M.
SERIAL NUMBER SF 078067
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Shell Oil Company Address 101 South Behrend, Farmington, N. M.
Lessor or Tract U. S. Gov't. - Federal Field Bisti State New Mexico
Well No. 41-14 Sec. 14 T 25N R 12W Meridian NMPM County San Juan
Location 660 ft. XX of N Line and 660 ft. XX of E Line of Section 14 Elevation 6383 KB
(Derriek 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 B.W. ShepardDate September 5, 1957Title Exploitation Engineer

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

Commenced drilling May 23, 19 57 Finished drilling June 1, 19 57

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4872 to 4975 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 NONE NOTED to _____
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—	
<u>8-5/8"</u>	<u>24</u>	<u>8</u>	<u>Spang</u>	<u>200</u>	<u>Baker</u>	<u>4872</u>	<u>4872</u>	<u>4975</u>	<u>Surface</u>
<u>4-1/2"</u>	<u>9.5</u>	<u>8</u>	<u>Spang</u>	<u>500</u>	<u>Baker</u>	<u>4975</u>	<u>4975</u>	<u>4975</u>	<u>Production</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>8-5/8"</u>	<u>210</u>	<u>130</u>	<u>Displacement</u>	<u>-</u>	<u>-</u>
<u>4-1/2"</u>	<u>508</u>	<u>150</u>	<u>Displacement</u>	<u>-</u>	<u>-</u>

PLUGS AND ADAPTERS

Cement plug—Material XXXXXX Length XXXXXX Depth set 5044
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
			<u>NONE</u>			

TOOLS USED

Rotary tools were used from 0 feet to 5090 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ September 5, 1957, 19 _____ Put to producing _____ July 30, 19 57The production for the first 24 hours was 108 barrels of fluid of which 99.9 % was oil; _____ %
emulsion; _____ % water; and 0.1 % sediment. Gravity, °Be xxx approx. 39° API

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 COMPANY

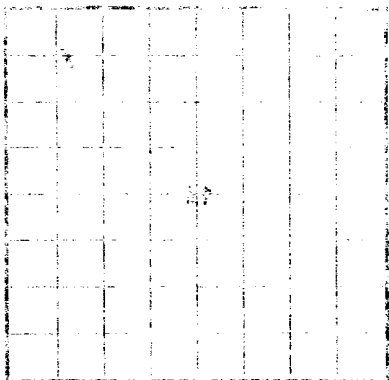
_____ C. C. Adams, Driller _____ J. Speaker, Driller_____ E. Babcock, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>1184</u>	<u>1432</u>	<u>248</u>	<u>Pictured Cliffs</u>
<u>1432</u>	<u>1566</u>	<u>134</u>	<u>Lewis</u>
<u>1566</u>	<u>2054</u>	<u>488</u>	<u>Cliff House</u>
<u>2054</u>	<u>3696</u>	<u>1642</u>	<u>Allison - Menefee</u>
<u>3696</u>	<u>3871</u>	<u>175</u>	<u>Point Lookout</u>
<u>3871</u>	<u>4772</u>	<u>901</u>	<u>Mancos</u>
<u>4772</u>	<u>-</u>	<u>-</u>	<u>Gallup</u>

(OVER)

16-42094-4



LOG OF WELL COMPLETION

LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Geography, State, County, Township, Range, Section, and other location data. The information given in this report is a complete and correct record of the well and all work done thereon.

The accompanying on this page is for the completion of the well at above place. One hundred feet of casing, 2 1/2 inch diameter, was installed.

OIL OR GAS SANDS OR ZONES

Attached Shell Oil Company Drilling Report.

IMMEDIATELY ADJACENT LANDS

WATER RECORD

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 added, state the date, size, and location. If the well has been dynamited, give date, size, position, and number of shots. If pipes 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

FROM—		TO—		TOTAL FEET		FORMATION	

SHELL OIL COMPANY

Carson Unit 41-14

WELL NO.

Bisti--Carson Unit

(FIELD)

San Juan, New Mexico

(COUNTY)

DRILLING REPORT

FOR PERIOD ENDING

June 1, 1957

14

(SECTION OR LEASE)

T25N, R12W

(TOWNSHIP OR RANCHO)

DAY	DEPTHS		REMARKS																						
	FROM	TO																							
57																									
			Location: 660' S and 660' W of NE Corner Sec 14, T25N, R12W, NMPM, San Juan County, New Mexico.																						
			Elevations DF 6382 Grd 6374 KB 6383																						
5-23 to 5-24	0	220	Spudded 4:15 PM 5-23-57. Ran and cemented (6jts) 200', 8 5/8", 24#, J-55 casing at 210' with 130 sacks regular 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.																						
5-24 to 5-26	220	3005	Drilled 2785'. Twisted off leaving 10 drill collars and stub of drill pipe, recovered with grapple.																						
5-27 to 6-1	3005	5090	Drilled 2085' 4085'. Drilled with water to 4085'. Ran Electrical Survey and Microlog. Ran and cemented (159 jts) 5075' of 4 1/2", 9.5# casing at 5085' with 150 sacks (4% gel treated) cement. Final pressure 1500 psi, displaced cement with oil. Released rig 9:00 PM 6-1-57.																						
			Checked BOP daily																						
			Mud Summary 5-27-57 to 6-1-57 Wt 9.2-9.8 #/gal Vis 42-90 sec WL 6.9-12 cc FC 1-2/32 in																						
<table border="1"> <thead> <tr> <th colspan="4">CONDITION AT BEGINNING OF PERIOD</th> </tr> <tr> <th colspan="3">HOLE</th> <th rowspan="2">CASING SIZE</th> <th rowspan="2">DEPTH SET</th> </tr> <tr> <th>SIZE</th> <th>FROM</th> <th>TO</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="3">DRILL PIPE SIZE 4 1/2"</td> <td></td> <td></td> </tr> </tbody> </table>				CONDITION AT BEGINNING OF PERIOD				HOLE			CASING SIZE	DEPTH SET	SIZE	FROM	TO						DRILL PIPE SIZE 4 1/2"				
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SIZE	FROM	TO																							
DRILL PIPE SIZE 4 1/2"																									

Contractor:

Brinkerhoff Drilling Co.

Pusher: J. Babcock

Drillers: C.C. Adams

E. Babcock

J. Speaker

R. D. ALLEN

SIGNED