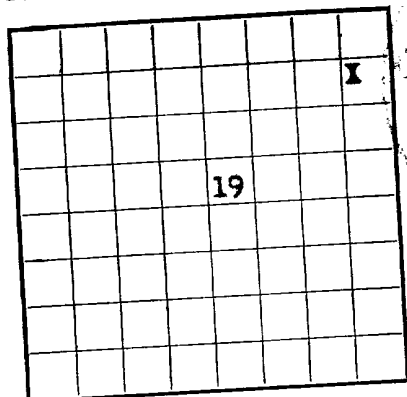


U. S. LAND OFFICE Santa Fe, N. M.
SERIAL NUMBER SE 078063
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Shell Oil Company Address 101 S. Behrend, Farmington, New Mexico
Lessor or Tract Carson Unit - Fed. Field Sisti State New Mexico
Well No. 41-19 Sec. 19 T. 25 R. 11 Meridian NMPM County San Juan
Location 660 ft. [N] of Line and 660 ft. [E] of Section 19 Elevation 6419 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
E. W. SHEPARD
Signed _____ Title Exploitation Engineer

Date April 7, 1958

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

Commenced drilling February 24, 1958 Finished drilling March 2, 1958OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 4865 (gross) to 4982 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	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8"	24	8	Navy	100	Ball	Surface			Surface
4-1/2"	107	8	Navy	150	Ball	4865-4982			Production
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	107	100	Displacement	-	-
4-1/2"	4986	150	Displacement	-	-

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

DATES

Put to producing _____, 1958
The production for the first 24 hours was 636 barrels of fluid of which 99.8 % was oil; _____ %
emulsion; _____ % water; and 0.2 % sediment.
If gas well, cu. ft. per 24 hours _____ Gravity, °Bé. XXX approx. 39° API
Rock pressure, lbs. per sq. in. _____ Gallons gasoline per 1,000 cu. ft. of gas _____

EMPLOYEES

_____, Driller
W. F. Black, Driller
C. C. Adams, Driller
Brinkerhoff Drilling Co., Driller
E. Babcock, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1202	1416	214	Pictured Cliffs
1416	1580	164	Lewis
1580	2045	465	Cliff House
2045	3698	1653	Allison Menefee
3698	3868	170	Point Lookout
3868	4765	897	Mancos
4765	-	-	Gallup

FORMATION RECORD—CONTINUED



LOG OF OIL OR GAS WELL

[illegible]

The summary on this page is for the condition of the well as shown above.

Date _____

Title _____

RECEIVED TO BUREAU AND NO INFO

IMPORTANT WATER SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____
No. 4 from _____ to _____
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No. 97 from _____ to _____
No. 98 from _____ to _____
No. 99 from _____ to _____
No. 100 from _____ to _____

IMPORTANT WATER SANDS

[Faint mirrored bleed-through from reverse side]

090729 071520

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the date, 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, rate, 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 bulking.

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

HISTORY OF OIL OR GAS WELL

[illegible]

SHOOTING RECORD

[illegible]

TOOLS USED

DATE		TOOL USED		TOOL USED		DATE	
1911	10	Test to	Test to	Test to	Test to	1911	10
		Test and from	Test and from	Test and from	Test and from		

DATE

DATE	DESCRIPTION	AMOUNT	REMARKS
1900	Put in producing		
1901	part of fluid of which		
1902	Gravity, 28.6		
1903	Galions gasoline per 1,000 cu. ft. of gas		
1904			
1905			
1906			
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2000			

EMPLOYEES

EMPLOYEES

Dillon
Dillon

FORMATION RECORD

FORMATION RECORD

[illegible]

FORMATION RECORD—Continued

SHELL OIL COMPANY

Carson Unit

WELL NO. 41-19

Bisti

(FIELD)

San Juan, New Mexico

(COUNTY)

DRILLING REPORT

FOR PERIOD ENDING

3-3-58

19

(SECTION OR LEASE)

T25N, R11W

(TOWNSHIP OR RANGHO)

DAY	DEPTHS		REMARKS
	FROM	TO	
			<u>Location:</u> 660' S and 660' W of NE Corner Section 19, T25N, R11W, NMPM, San Juan County, New Mexico <u>Elevations:</u> DF 6418.70' GR 6410.57' KB 6419.37'
2-24 to 2-25	0	2474	Spudged 4:15 P.M. 2-24-58. Ran and cemented (97') 8-5/8", 24#, J-55 Nat'l. casing at 107' 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.
2-26 to 3-1	2474	4798	<u>Drilled 2324'.</u>
3-2	4798	4990	<u>Drilled 192'.</u> Ran Electrical Survey and Microlog.
3-3	4990	TD	Ran and cemented (4376') 4-1/2", 9.5# casing at 4986' with 150 sacks cement treated with 4% gel. Final pressure 1800 psi. Displaced with oil. Released rig 10:00 A.M. 3-3-58. Checked BOP daily. <u>Mud Summary:</u> Wt. 9.5 - 10 #/gal. Vis. 44-90 sec. WL 6.8 - 7.3 cc FO 2/32" <u>Contractor:</u> Brinkerhoff Drilling Company <u>Drillers:</u> W. F. Black C. C. Adams E. Bobcock
CONDITION AT BEGINNING OF PERIOD			
HOLE			CASING SIZE
SIZE	FROM	TO	DEPTH SET
DRILL PIPE SIZES			

R. D. ALLEN

SIGNED