

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

SEP 26 1963

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Shell Oil Company Address P. O. Box 1858, Roswell, New MexicoLessor or Tract Shell Federal BE Field Wildcat State New MexicoWell No. 4 Sec. 4 T. 24N R. 39E Meridian NMP County LeaLocation 660 ft. N of 1/4 Line and 165 ft. E of 1/4 Line of Section 4 Elevation 3567'
(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.

Signed R. A. Lowery R. A. LOWERYDate September 25, 1963 Title District Exploration Engineer

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

Commenced drilling September 13, 1962 Finished drilling May 20, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 12,898' to 13,153' (G)No. 2, from 14,040' to 14,900' (G)

No. 3, from _____ to _____

No. 4, from _____ to _____

No. 5, 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

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
20"	94#			902'					Conductor
13 3/8"	54.6#	60	Hydril	5156'	Float				Intermediate
9 5/8"	42.6#	50	Hydril	11,990'	Differential				Intermediate
7 5/8"	33.7#	50	Hydril	2,759'			12,898'	13,153'	Intermediate
5 1/2"	17#	50	Hydril	3,815'					Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
20"	0-12'	1500	Pump & Plug	Cemented to surface	
13 3/8"	5352'	3450	Pump & Plug	Cemented to surface	
9 5/8"	12,045'	2250	Pump & Plug	Cemented to surface	
7 5/8"	11,422' - 14,181'	1325	Pump & Plug		
5 1/2"	13,017' - 17,432'	900			

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 17,595 feet, and from _____ feet to _____ feet

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

DATES

Put to producing September 12, 1963

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours 7076 MILLION Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	208	208	Surface sands
208	1045	837	Red Beds
1045	5130	4085	Salt, Anhydrite, & Sand
5130	5170	40	Limestone & shale
5170	8727	3557	Sandstone, Shale, Limestone
8727	11518	2791	Shale, Limestone, Sandstone
11518	11866	348	Shale, Limestone
11866	14001	2135	Shale, Limestone, Sandstone, Chert
14001	14062	61	Shale
14062	14432	370	Limestone & Chert
14432	14646	214	Shale
14646	16304	1658	Dolomite, Chert, Limestone
16304	16680	376	Limestone & Chert
16680	16960	280	Limestone, Sandstone, Shale
16960	17426	466	Sandstone, Shale, Limestone, Dolomite
17426	17662	236	Dolomite
17662	17895	233	Granite wash

See Attachment for Log tops and history of well.

