

U. S. LAND OFFICE 040972

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

COPY TO O. C. C. HOBBS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED

OCT 5 1954

U. S. GEOLOGICAL SURVEY
HOBBS, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Shell Oil Company Address Box 1957, Hobbs, New Mexico
Lessor or Tract Blunt Unit Field Blunt Area State New Mexico
Well No. 1 Sec. 14 T. 8-N R. 37-E Meridian NM County Roosevelt
Location 660 ft. N of E. Line and 1973 ft. E. of E. Line of Section 14 Elevation 4031 ft.
(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 Don Merrill *Don Merrill*Date September 24, 1954Title Division Exploration Engr.

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

Commenced drilling April 8, 1954. Finished drilling July 9, 1954.

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 20' to 30' below surface to 30' below surfaceNo. 2, from 30' to 50' below surface to 50' below surfaceNo. 3, from 50' to 70' below surface to 70' below surface

IMPORTANT WATER SANDS

No. 1, from 10' to 20' below surface to 20' below surfaceNo. 2, from 20' to 30' below surface to 30' below surface

CASING RECORD

Size casing	Weight per foot	Depth set	Perforated	From	To	Cement
13 3/8"	48.4	8 rd.	None	None	None	Surface string

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
13 3/8"	8 rd.	300 sz.	HOWCO	-	-
8 1/2"	10 rd.	150 sz.	HOWCO	-	-

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
None						

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

_____, 19____ Put to producing _____, 19____

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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

Tool Pusher

FROM—	TO—	TOTAL FEET	FORMATION
0	100	100	Surface Sands & Caliche
100	1650	1550	Red Beds
1650	3000	1350	Anhydrite & Salt
3000	4700	700	Anhydrite
3700	4000	300	Anhydrite & Dolomite
4000	4700	700	Dolomite
4700	5000	300	Limestone & Dolomite
5000	5200	200	Limestone, Dolomite & Anhydrite
5200	5500	300	Dolomite, Anhydrite & Shale
5500	5750	250	Anhydrite, Sandstone & Shale
5750	5950	200	Dolomite, Sandstone & Shale
5950	6900	950	Anhydrite, Dolomite & Shale
6900	7000	100	Dolomite & Anhydrite
7000	7150	150	Anhydrite, Dolomite & Shale
7150	7600	450	Shale w/Dolomite & Anhydrite Stringers
7600	8300	700	Dolomite & Shale
8300	9000	700	Dolomite, Limestone & Shale
9000	9200	200	Limestone & Shale w/Chert Stringers
9200	9400	200	Dolomite, Chert & Shale
9400	9500	100	Dolomite Shale & Limestone
9500	9550	50	Limestone, Dolomite, Shale & Chert
9550	9700	150	Granite Wash & Granite.
Total Depth		9700	

LEON—

LO—

LOLVF REEL

[OVER]

LOFFV LIOZ

10-43004-3

FORMATION RECORD—Continued

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

1954 APR 20 AM 7:38

Land Office LC

Lease No. 068072

Unit Bluitt

RECEIVED

APR 14 1954

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	☒
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

April 13, 1954

Well No. 1 is located 660 ft. from N line and 1979 ft. from E line of sec. 14
NW/4 of NE/4 of Sec. 14 8-3 37-E NMPM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Bluitt Area Roosevelt New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is _____ ft.

Estimated Ground Level
Elevation: 4015'

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Bluitt Unit No. 1 Bluitt Area was spudded 4:30 P.M. April 8, 1954. Drilled 17 1/2 inch hole to 350 feet. Ran 13-3/8" casing to 349 feet and cemented with 300 sacks cement. Circulated out an estimated 33 sacks cement. WOC 24 hours. Tested casing with 1000 psi for 30 minutes. Test OK. Drilled cement and shoe and tested with 800 psi for 30 minutes. Test OK.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Shell Oil Company

Address Box 1957

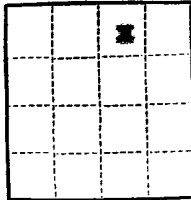
Hobbs, New Mexico

By

F. D. Leigh

Title

Division Mechanical Engineer



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau 42-R358.3.
Approval expires 12-31-55.

Land Office 068072

Lease No. 00000

Unit Blut

RECEIVED
APR 2 1954
GEOLOGICAL SURVEY
WASHINGTON, D. C.

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	☒	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

April 2, 1954

Well No. 1 Blut Unit is located 640 ft. from N line and 1979 ft. from E line of sec. 14
27 1/4 33 1/4 of Sec. 14 (Twp.) 372 (Range) 1000 (Meridian)
Blut area (Field) Monmouth (County or Subdivision) New Mexico (State or Territory)

The elevation of the derrick floor above sea level is ft. Estimated Ground Level Elevation: 4015'

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Blut Unit
 We propose to drill Shell Federal-own 1 as a 10,700-foot Ellenburger test as follows:

Drill 17 1/4" hole to 350'. Cement 34 & 45 13-5/8" casing - 350'. Cement to surface.
 Drill 11" hole to 4100'. Cement 32 8-5/8" casing - 4100'. Cement to surface.
 Drill 7 7/8" hole to 10,700'. Cement 15.5 & 17 5 1/2" casing - 10,700'. Cement with 900 sz.

The following objectives are to be investigated:

San Andres, Wolfcamp, Pennsylvanian, Devonian & Ellenburger

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Shell Oil Company

Address P. O. Box 1997, Hobbs, New Mexico

Original signed by
B. Nevill

By B. Nevill

Title Division Exploitation Engineer