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(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency _____
Window Rock, Arizona
Allottee _____
Lease No. 14-20-603-2028

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 REDRILL OR REPAIR WELL _____	SUBSEQUENT REPORT OF REDRILLING 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)

June 2, 1961

Well No Navajo 1-A is located 330 ft. from N line and 2310 ft. from E line of sec. 16

NE 1/4 Section 16 30N 17W N.M.P.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5215 ft.

DETAILS OF WORK

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

20 feet of 6 1/2" - 10 lb. casing was cemented at 20' with 3 sacks of regular cement.

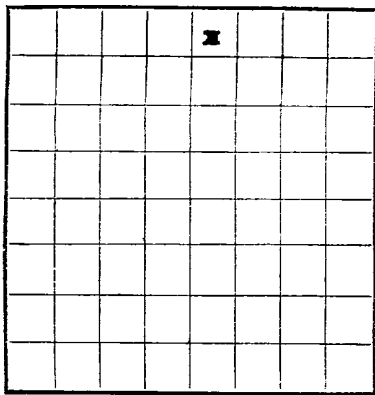
The surface hole was drilled with air and no water was encountered while drilling or after cementing pipe.

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

Company Drilling & Coring Exploration Co.

Address 1809 Laguna
Farmington, N. M.

By Carl E. Harmon
Carl E. Harmon
Title Proprietor



LOCATE WELL CORRECTLY

U. S. LAND OFFICE

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Drilling & Coring Exploration Co. Address 1809 Laguna, Farmington, N. M.
Lessor or Tract Mayajo Field Wildcat State New Mexico
Well No. 1-A Sec. 16 T. 30N R. 17E Meridian N.M.P.M. County San Juan
Location 330 ft. S. of Line and 281 ft. W. of E. Line of Section 16 Elevation 5215
(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 X. Carl Z. [Signature]Date June 2, 1961Title Proprietor of Drilling & Coring Exploration Co.

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

Commenced drilling May 18, 1961 Finished drilling May 31, 1961

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

No. 1, from 623 to 707 No. 4, from 707 to 756No. 2, from 707 to 756 No. 5, from 756 to 782No. 3, from 756 to 782 No. 6, from 782 to 800

IMPORTANT WATER SANDS

No. 1, from 623 to 707 No. 3, from 707 to 756No. 2, from 707 to 756 No. 4, from 756 to 782

GASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
6 1/2	100	8	AMCO	100	None	623	623	707	None
6 1/2	100	8	AMCO	100	None	707	707	756	None
6 1/2	100	8	AMCO	100	None	756	756	782	None
6 1/2	100	8	AMCO	100	None	782	782	800	None

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
6 1/2	30'	3	Conv.	None	None
6 1/2					
6 1/2					
6 1/2					

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

_____, 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

FROM—	TO—	TOTAL FEET	FORMATION
0	623	623	MARCO SHALE Black, dense, calcareous, soft shales; interbedded with occasional thin beds of lt. gray, "salt & pepper", fine-grained, friable sandstone.
623	707	84	GALUP SANDSTONE, top 623 lt. gray, glauconitic, "salt & pepper", fine grained, calcareous, friable sand beds, two to ten feet thick; interbedded with thin, black, calcareous, silty shale beds.
707	756	49	MARCO SHALE Described as above
756	782	26	SANDSTONE SANDSTONE, top 756 lt. gray to tan, fine-grained, very calc., hard to friable sandstone; very hard at top.
782	800	18	MARCO SHALE Described as above
LEON—	800	TOTAL FEET	FORMATION

FORMATION RECORD—Continued

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

A blank sheet of graph paper with a grid pattern. The grid consists of 10 columns and 10 rows of squares. A small black mark, resembling the letter 'K' or a stylized cross, is located in the top-left square of the grid.

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 _____

Location _____ ft. _____ of _____ line and _____ of _____ line of section in _____ Elevation _____

Well No. _____ Sec. _____ T. _____ R. _____ Meridian _____ County _____ State _____

Lessor or Tract _____

Company _____

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

Title of the well at above date.

Date

Completed and was drilled and abandoned 10-11-51
Commenced drilling 10-11-51
10-11-51

This well was drilled with a small hand-cranked rotary rig using air as a circulating medium to 667', and water from 697' to 10' (800'). 20' of surface pipe was cemented with 5 sacks of cement as a permanent seal. No water was encountered in drilling the surface hole. At 667' the lower casing and a water flow was encountered when stopped the flow of circulating air. The well was allowed to stand for 38 hours at 39.0 down and upon the 1st penetration the well with a small container it was found that the fluid had rose 450 feet in the hole. The top 2 feet of this fluid was with a surface showing the remaining 1.1 inch was water with no sulphur odor. The well was drilled through the Gassette formation with water to a total depth of 880, one which was then considered unproductive.

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

U. S. GOVERNMENT PRINTING OFFICE

FROM—	TO—	TOTAL FEET	FORMATION
0	625	625	Black, sandy, calcareous, soft shales; interbedded with occasional thin beds of lt. gray, "sandy" type. (See page 100, fig. 100)
625	630	5	lt. gray, micaceous, "sandy" type, thin bedded, calcareous, friable sand with thin, black, calcareous, silty shale beds.
707	725	18	Described as above
725	730	5	Described as above, very calc.
730	735	5	Hard to friable, calcareous; very hard at top.
735	740	5	Described as above

EMPLOYEES	DATES	TOOLS USED
Driller	Put to producing	Rotary tools were used from
Driller	parts of fluid of which	Cable tools were used from
Driller	% was oil; %	
	Gravity, °Bé.	
	Gallons gasoline per 1,000 cu. ft. of gas	

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Driller	% was oil		

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