

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. NZ-03603-A
Unit Hammond

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)

May 1, 1958

Hammond

Well No. 1 is located 1570ft. from [N] line and 1140ft. from [E] line of sec. 25

NE/4, Sec. 25 27N 8W N. M. P. M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Blanco-Mesa Verde San Juan New Mexico
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6003 ft.

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)

Mesa Verde gas well location - estimated T. D. 4650'
Equipment - 210' x 9 5/8" surface casing - 150 sacks cement
2400' x 7" intermediate casing - 150 sacks
2350' x 4 1/2" liner hung at 2350' - 150 sacks cement
Gamma Ray log to T. D. - perforate 100' of Point Lookout
Sand-Water frac with 2000 barrels
4600' x 2" tubing

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

Company R & G Drilling Co., Inc.Address P. O. Box 1848Farmington, New MexicoBy Maureen R. RethTitle Clerk

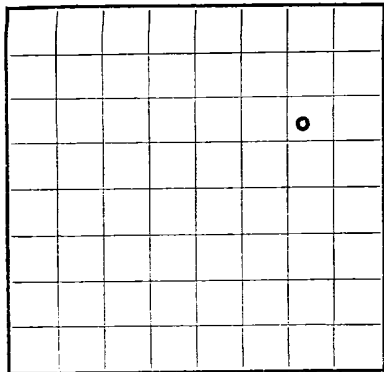


Form 9-330

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER NM-03603-A

LEASE OR PERMIT TO PROSPECT Hammond



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company R. & G. Drilling Co., Inc. Address Box 1848, Farmington, N. M.

Lessor or Tract _____ Field Blanco-N. C. State New Mexico

Well No. 1 Sec. 25 T. 27N R. 8W Meridian NMPM County San Juan

Location 1570 ft. N. of N Line and 1140 ft. Ex of E Line of Sec. 25 Elevation 6003
(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 M. R. Riche

Date June 2, 1958 Title Clerk

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

Commenced drilling May 7, 19 58 Finished drilling May 20, 19 58

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2210 to 2300 G No. 4, from _____ to _____
No. 2, from 3885 to 3912 G No. 5, from _____ to _____
No. 3, from 4480 to 4570 G No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 800 to 1000 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—	
9 5/8"	32	8	CFI	207	None				Surface
7"	20	8	CFI	2348	Float				Intermediate
4 1/2	9.5	8	CFI	2333	Guide		3829	3912	Liner
							4482	4568	Liner

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	217	200	Halliburton	60	50 sacks
7	2348	150	"	Water	None
4 1/2	4680	125	"	gas	gas

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 0 feet to 4680 feet, and from _____ feet to _____ feet

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

DATES

June 2, 19 58 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 3500MCF Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1050

EMPLOYEES

HISTORY OF OIL OR GAS WELL

10-43004-2 U. S. GOVERNMENT PRINTING OFFICE

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 "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.

4 1/2" liner was hung in the 7" with a Burns lead seal liner hanger at 2348'

Liner was perforated from 4483 to 4568 (Point Lookout) 4 jet shots per foot

and section given sand-water frac treatment of 40,000#, 20-40 sand and 1350

barrels water. A total of 240 rubber balls were dropped during the course of

the treatment. A Baker wire line bridge plug was set at 4000' and liner was

perforated with 4 jet shots per foot from 3890 to 3912 (Cliff House). This

section was given a sand-water frac treatment using 20-40 sand, however,

injection pressure become excessive after injecting 300 barrels of water and

8000# sand and "sanded-off". Bridge plug was drilled and well blown dry and

cleaned by circulating gas. Initial open flow tests indicate 500MCF per day

from Cliff House and 3,000MCF per day from Point Lookout. Frac-sand is still

being recovered and gas volume is still increasing.

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER NM-03603-A
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Well No. 1 Sec. 25 T 27N R. 8W Meridian NMPM County San Juan
Location 1570 ft. XX } of N Line and 1140 ft. {Ex} } of E Line of Sec. 25 Elevation 6003
S. } {W.} } (Derrick floor relative to sea level)
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(Denote gas by G)

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No. 1, from 800 to 1000

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CASING RECORD

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PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material..... Size

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 0 feet to 4680 feet, and from _____ feet to _____ feet
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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 ~~3500MGF~~----- Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. **1050**-----

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
2210	2300	90	Pictured Cliffs
3885	3912	27	Cliff House
4480	4570	90	Point Lookout

FORMATION RECORD—Continued

[illegible]

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