

Subsequent Report of Award Document

FILE NOTATIONS

Entered in NID File

Entered On S R Sheet

Location Map Pinned

Card Indexed

IWR for State or Fee Land

Checked by Chief PRB

Copy NID to Field Office

Approval Letter In Hand

Disapproval Letter

COMPLETION DATA:

Date Well Completed 7-4-63

OW _____ WW _____ TA _____

GW _____ OS _____ PA

Location Inspected _____

Bond released _____

State of Fee Land _____

LOGS FILED

Driller's Log 11-26-63

Electric Logs (No.) 4

E _____ L _____ EI GR _____ GR-N _____ Micro _____

Lat _____ MI-L _____ Sonic (2) Others Formation Density (2)

Temperature (2)

L. A. H. E.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Utah**
Lease No. **U-81452**
Unit **Moon Ridge**

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	<input type="checkbox"/>	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	<input type="checkbox"/>	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	<input type="checkbox"/>	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	<input type="checkbox"/>	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	<input type="checkbox"/>	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	<input type="checkbox"/>		

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

April 4, 1963

Moon Ridge Unit
Well No. **22-22** is located **1,980** ft. from **[N]** line and **1,980** ft. from **[E]** line of sec. **22**
Center SE 1/4 22 **16 S., 21 E., S.L.M.**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
~~Moon Ridge Unit~~ **WC** **Grand County** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **7,837** ft. (Ground level is **7,827.23** feet)

DETAILS OF WORK

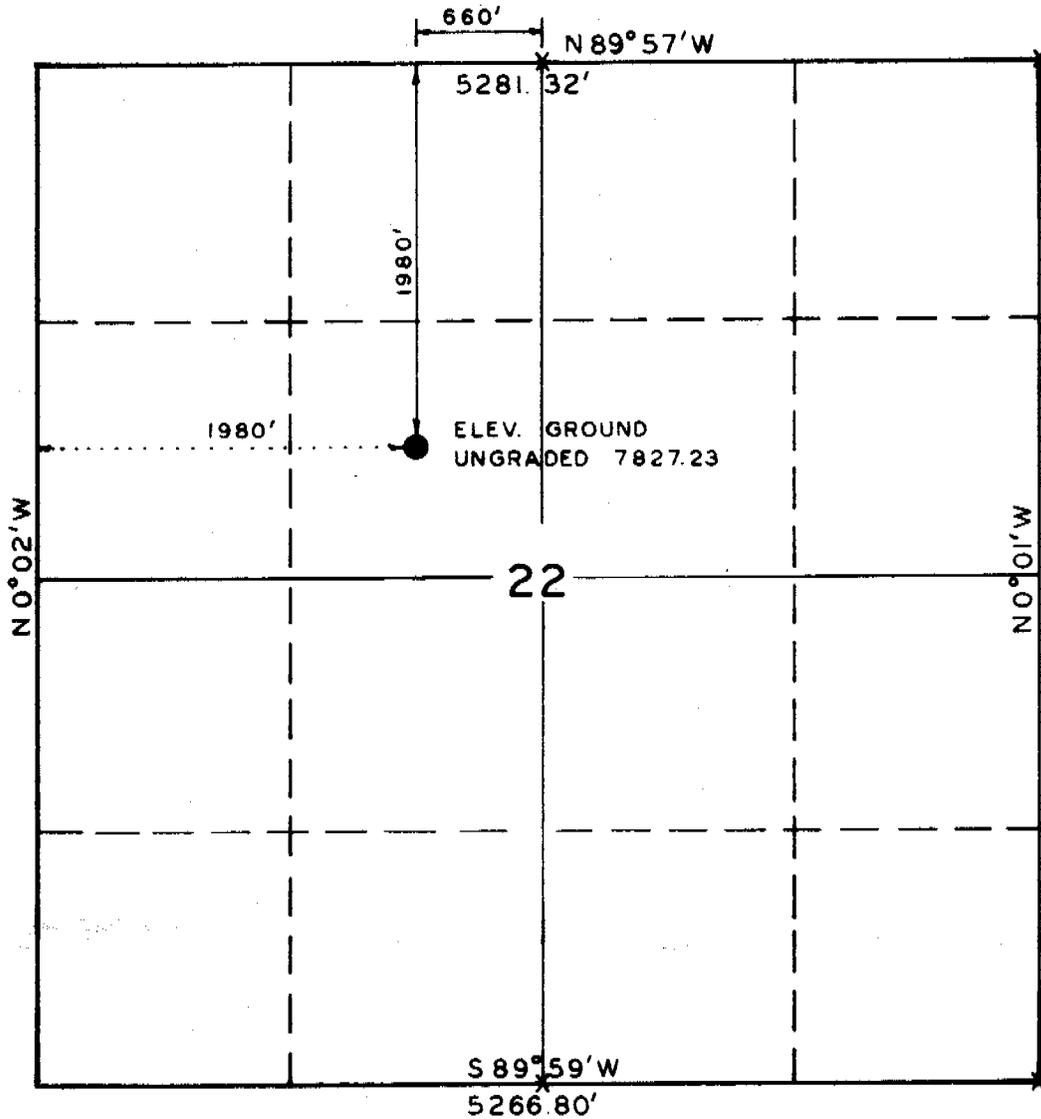
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

See attached drilling program

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

Company **PACIFIC NATURAL GAS EXPLORATION COMPANY**
Address **366 South Fifth East Street**
Salt Lake City 2, Utah
By *M. Darwin Quigley*
Title **M. Darwin Quigley**
District Geologist

T16S, R21E, SLB&M



X = Corners Located (brass caps)

Scale: 1" = 1000'

Nelson Marshall

By: ROSS CONSTRUCTION CO.
Vernal, Utah

PARTY
Gene Stewart
Lanny Taylor
WEATHER Wind - Snow

SURVEY
PACIFIC NATURAL GAS EXPLORATION CO.
WELL LOC. MOON RIDGE UNIT NO. 22-22, LOCATED
AS SHOWN IN THE SE 1/4, NW 1/4, SEC. 22, T16S, R21E,
SLB&M. GRAND COUNTY, UTAH.

DATE 3/15/63
REFERENCES
GLO Township Plat
Approved 2/28/22
FILE PACIFIC NATURAL

PROPOSED DRILLING PROGRAM

For

MOON RIDGE UNIT 22-22

SE $\frac{1}{4}$ NW $\frac{1}{4}$ Section 22, Township 16 South, Range 21 East,
Grand County, Utah

JMB

The following program of drilling, testing, and completing the Moon Ridge Unit 22-22 is proposed. The location for the test will be the center of the SE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 22, Township 16 South, Range 21 East, Grand County, Utah. The location will be just west of the Moon Ridge road and between the discovery well and the airstrip. It should be an easy location with practically no road to build.

1. Move in, rig up, and drill 200 feet of 13-3/4-inch surface hole with gel and water.
2. Set and cement 200 feet of 10-3/4-inch surface casing with 100 sacks, allowing 20 percent excess, so that cement is returned to the surface. ✓
3. Drill ahead with 9-7/8-inch with gas, mist, or lighter than water mud to get the maximum penetration rate. Based on our experience in the past, it seems that when the water flow into the hole increases, its flow can be counteracted by a gradual "mudding up" so that its flow can be controlled. Care will be taken to keep the mud aerated (lighter than water) so that lost circulation, which is almost universal in the area, will not become a problem. The 9-7/8-inch hole will be drilled through the Castlegate sandstone into the top of the Mancos to an expected depth of 6,350 feet.
4. The Castlegate sandstone has shown some evidence of saturation in the Moon Ridge Unit 31-15 test and in the Segundo Canyon Unit No. 1 test in the township to the south. It was wet and quartzitic in Segundo Canyon Unit No. 2 in Section 33, Township 16 South, Range 21 East. Prior to drilling the Castlegate in the present hole a mud logging unit will be moved on to the location and put into service. It will be put into service after reaching the top of the Mesaverde at approximately 4,500 feet.
5. Deviation surveys will be run at 200-foot intervals. The deviation will be kept within 1 degree per 100 feet of hole, with the total accumulated deviation not exceeding 1 degree per 1,000 feet of total hole.
6. Samples will be collected at 30-foot intervals through the Green River and Wasatch formations. They will be collected at 10-foot intervals when the mud logging unit moves on and until it moves off after setting the intermediate string. Samples will be collected at 30-foot intervals through the Mancos down to 9,750 feet. They will be collected at 10-foot intervals from 9,750 feet to total depth.
7. Mechanical logs, including I.E.S. and Sonic-Caliper, will be run after reaching the top of the Mancos.
8. If the logs suggest that the Castlegate may be gas-bearing, and if this possibility is confirmed by the mud analysis, a D.S.T. will be taken across the Castlegate interval.
9. Set 7-5/8-inch casing (Heavy J-55 and N-80) through the Castlegate to about 6,350 feet and cement with 400 sacks to provide a fillup behind the casing of at least 2,000 feet.
10. Convert to gas drilling, dry the hole up, and drill ahead with 6-3/4-inch hole.

11. A flare will be kept ignited at the end of the blooie line during all air or gas drilling operations.
12. Care will be taken to see that the rotating head, blowout preventor, and other safety equipment are in top operating condition prior to drilling into the Dakota and Cedar Mountain formations.
13. The expected formation tops are as follows:

Green River	- Surface	Mancos	- 6,200
Wasatch	- 2,900	Dakota Silt	- 9,950
Mesaverde	- 4,200	Dakota	- 10,050
Sego	- 5,700	Cedar Mountain	- 10,200
Buck Tongue	- 5,825	Morrison	- 10,275
Castlegate	- 6,050	<u>Total Depth</u>	<u>- 10,300</u>
14. The hole will be drilled to an expected depth of 10,300 feet and mechanical logs, including Gamma-Induction, Formation-Density-Caliper, and Temperature, will be run.
15. 4-1/2-inch, J-55 and N-80 casing will be run from the surface to total depth.
16. The cementing procedure on the casing will be determined by the nature of the reservoir and the magnitude of the natural flow. It cannot be predetermined.
17. After the casing is cemented, it will be perforated and the pay zones fracture treated with liquid CO₂, if necessary.
18. Every attempt will be made to control the well through pack-off rubbers and lubricators, so that it will not have to be killed with diesel, invermul or other fluids.
19. The rig will be equipped with a two-way telephone to facilitate the co-ordination of all operations.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.

LAND OFFICE **Salt Lake**
LEASE NUMBER
UNIT **Moon Ridge**

LESSEE'S MONTHLY REPORT OF OPERATIONS

State **Utah** County **Grand** Field **Moon Ridge Unit**

The following is a correct report of operations and production (including drilling and producing wells) for the month of **May**, 19 **53**

Agent's address **366 South Fifth East St.** Company **Pacific Natural Gas Exploration Company**
Salt Lake City 2, Utah

Signed *R. D. Giddes*

Phone **322-2583** Agent's title **Petroleum Engineer**

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE 15	16S	21E	31	30			64,500	0	0	
SE NW 22	16S	21E	22	22						<p><i>Moon Ridge Unit</i></p> <p>Spudded well 5-2-53. Drilled 13 3/4" hole to 216'. Run and cemented 10 3/4" 40.5# J-55 casing at 216' with 100 sacks Class A cement including 2% CaCl₂. Cement returned to the surface. Drilled 9 7/8" hole from 216' to 2845' with gas. Changed over to mud at 2845' and drilled 9 7/8" hole to 5231'. Ran DST 5206'-5231', no gas or oil recovered. 20' drilling mud. Drilled 9 7/8" hole 5231'-5257'.</p>

NOTE.—There were **no** runs or sales of oil; **64,500** M cu. ft. of gas sold;

no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.

LAND OFFICE _____
LEASE NUMBER _____
UNIT Moon Ridge

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field Moon Ridge Unit

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, 1963, Pacific Natural Gas

Agent's address 366 South 5th East Company Exploration Company
Salt Lake City 2, Utah

Phone 322-2583 Signed R. D. Giddis
Agent's title Petroleum Engineer

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NW NE 15 16S	21R	31-15	30		0	--	22,500	0	0	
SE NW 22 16S	21R	22-22								
<p><i>Moon Ridge</i></p> <p>Drilled 9-7/8" hole with mud to 6150'. Run IES and Sonic - Caliper logs. Run 7-5/8" 26.40# N-80 and J-55 casing to 6150' and cemented at 6150' with 260 sacks of cement plus 12% gilsonite and 2% gel followed by 90 sacks neat cement. Cemented through IW collar at 3205' with 225 sacks of cement plus 12% Gilsonite and 2% gel followed by 75 sacks neat cement. Drilled 6-3/4" hole from 6150' - 9920' with air. Ran Gamma - induction, Formation - Density and Temperature logs.</p> <p>Ran Lynes straddle packers and set them at 9745' and 9780' to test possible productive interval in the Dakota section. Fraced interval from 9745' - 9780' with 137 barrels of liquid CO₂. Died back CO₂ and sons was dead, Preparing to plug and abandon.</p>										

NOTE.—There were No runs or sales of oil; 22,500 M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Copy H. L. E.

11/2
11/2

	22		

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. U-01452
Unit Moon Ridge

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)

July 9, 1963, 19

Moon Ridge Unit
Well No. 22-22 is located 1980 ft. from N line and 1980 ft. from E line of sec. 22

SE 1/4 NW 1/4 22 16S 21E S.L.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Moon Ridge Unit Grand Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 7837 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)

(Oral approval obtained for the following work per Russell-Ceddes telephone conversation, 7-1-63)

1. Fill hole with mud
2. Plug with cement from 9600'-9500'
3. Plug with cement from 6200' - 6100'
4. Set a 10 sack cement plug at the surface
5. Erect dry hole marker
6. Fill mouse hole and rat hole with dirt ✓

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

Company Pacific Natural Gas Exploration Company

Address 366 South 5th East

Salt Lake City 2, Utah

Phone 322-2583

By R. D. Ceddes
R. D. Ceddes

Title Petroleum Engineer

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.6.

LAND OFFICE Salt Lake
LEASE NUMBER Moan Ridge
UNIT

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Grand Field Moan Ridge Unit

The following is a correct report of operations and production (including drilling and producing wells) for the month of July, 1963, Pacific Natural Gas

Agent's address 346 South Fifth East St. Company Exploration Company

Salt Lake City 2, Utah Signed R. D. Giddens

Phone 322-2563 Agent's title Petroleum Engineer

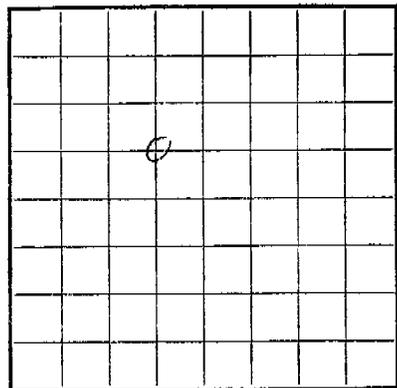
SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DAYS PRODUING	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE 15	18S	21E	31-15 0	0	0	-	0	0	0	<i>Moan Ridge Unit</i>
SE NW 22	18S	21E	22-22							
<p>Lynes packers in hole used to test interval 9745'-9780' would not deflate. Could not get perforating gun inside packers due to collapsed mandrel.</p> <p>Backed off drill pipe at 9738'.</p> <p>Plugged from 9600'-9500' with 25 sacks of cement. Plugged from 6200'-6100' with 25 sacks of cement.</p> <p>Placed a 10 sack cement plug at the surface and erected a dry hole marker.</p> <p>Well abandoned July 3, 1963.</p>										

NOTE.—There were 00 runs or sales of oil; 00 M cu. ft. of gas sold;

00 runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

U. S. LAND OFFICE _____
SERIAL NUMBER _____
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Pacific Natural Gas Exploration Address 366 South 5th East, SLC, Utah
Lessor or Tract Moon Ridge Unit Field _____ State Utah
Well No. 22-22 Sec. 22 T. 16S R. 21E Meridian SLM County Grand
Location 1980 ft. S. of N Line and 1980 ft. E. of W Line of Section 22 Elevation 7838
(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 James B. Lindsay
Date November 21, 1963 Title Drilling Supervisor

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

Commenced drilling May 2, 1963 Finished drilling July 4, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ 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—	
10 3/4	40.5	8	J-55	216	Guide				
7 5/8	26.4	8	J-55	6150	Guide				
			N-80						

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	216	100	Displacement		
7 5/8	6150	600	Displacement in 2 stages		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

FOLD MARK

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from 0 feet to 9920 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

July 4, 19 63 Put to producing Plugged and Abd. _____, 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

Everett Benson _____, Driller Mickey Colman _____, Driller
 Roy Cammack _____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
2045	3870	1725	Wasatch
3870	5390	1520	Mesaverde
5390	5550	160	Sego
5550	5741	338	Castlegate
5741	5888		Mancos
5888	9652		Dakota
9652	9775		Cedar Mountain
9775	9818		Morrison
9818	9920	Total Depth	

(OVER)

NOV 26 1963

APPROVED FOR

DATE

BY

REGIONAL OFFICE

STATE OFFICE

DATE OF THIS ENTRY

DRILLING AND CELEBRATING RECORD

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

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 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.

DATE	DESCRIPTION	REMARKS	DEPTH	DIAMETER	TYPE OF LOG	LOGGING COMPANY	LOG NO.	LOG SHEETS	LOG COST
May 2, 1963	Spud in Green River Sand								
4,	Csg. 10 3/4" at 216'	with 100 sacks							
7,	766' drilling								
10,	2292' drilling								
15,	3287' drilling								
20,	3900' drilling								
25,	4485' drilling								
30,	5144' drilling								
June 1, 1963	D.S.T. No. 1 5201' to 5231', Mesaverde, S.I. 30 min.	open 50 min., S.I. 60 min, open with a weak blow, and remained through test.							
	Rec. 20' mud, I.H. 2469, I.S.I. 77, I.F. 23, F.F. 17, F.S.I. 32, F.H. 2494.								
4,	5615' drilling								
10,	5889' drilling								
17,	Csg. 7 5/8" at 6150' with 600 sacks.								
28,	9920 T.D. ran logs								
30,	Frac 9745' to 9780' with 137 barrels of liquid CO ₂ , lost packers.								
July 4, 1963	Plugged and abandoned.								

FOR THE USE OF THE FIELD

GEOLOGICAL SURVEY

DIVISION OF OIL AND GAS

WELLS

U.S. GOVERNMENT PRINTING OFFICE: 1963

October 15, 1963

Pacific Natural Gas Exploration Company
366 South 5th East
Salt Lake City, Utah

Attention: R. D. Geddes, Petroleum Engineer

Re: Well No. Moon Ridge Unit #22-22
Sec. 22, T. 16 S, R. 21 E.,
Grand County, Utah

Gentlemen:

This letter is to advise you that the well log for the above mentioned well is due and has not been filed with this Commission as required by our rules and regulations.

Please complete the enclosed Forms OGCC-3, "Log of Oil or Gas Well", in duplicate and forward them to this office as soon as possible. Legible copies of the U. S. Geological Survey Form 9-330, may be used in lieu of our forms.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLARELLA N. PECK
RECORDS CLERK

cnp

Enclosures - Forms

November 14, 1963

Pacific Natural Gas Exploration Company
366 South 5th East
Salt Lake City, Utah

Attention: R. D. Geddes, Petroleum Engineer

Re: Well No. Moon Ridge Unit #22-22
Sec. 22, T. 16 S, R. 21 E.,
Grand County, Utah

Gentlemen:

Reference is made to our letter of October 15, 1963. As of this date, we have not received the well log for the above mentioned well as required by our rules and regulations.

Please complete the enclosed Forms OGCC-3, "Log of Oil or Gas Well", in duplicate and forward them to this office as soon as possible. Legible copies of the U. S. Geological Survey Form 9-330, may be used in lieu of our forms.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLARELLA N. PECK
RECORDS CLERK

cnp

Enclosures - Forms

November 27, 1963

Pacific Natural Gas Exploration Company
366 South 5th East
Salt Lake City, Utah

Re: Well No. Moon Ridge Unit #22-22
Sec. 22, T. 16 S, R. 21 E.,
Grand County, Utah

Gentlemen:

We are in receipt of your well log for the above mentioned well. However, upon checking this information, we notice that you did not report the water sands encountered while drilling.

Please complete the enclosed Forms OGCC-8-X, and return to this office as soon as possible.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLARELLA N. PECK
RECORDS CLERK

cnp

Enclosure

v
CMB
7

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
310 NEWHOUSE BUILDING
SALT LAKE CITY 11, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: Moon Ridge Unit No. 22-22

Operator Pacific Natural Gas Address 366 So. 5th East Phone DA2-2583
Exploration Company

Contractor Willard Pease Address Grand Junction Phone _____

Location: SE 1/4 NW 1/4 Sec. 22 T. 16 S R. 21 E Grand County County, Utah.

Water Sands:

	<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
	<u>From</u>	<u>To</u>	<u>Flow Rate or Head</u>	<u>Fresh or Salty</u>
1.	1225'	2845'	40 bbls/hour	fresh
2.				
3.				
4.				
5.				

(Continued on reverse side if necessary)

Formation Tops:

Wasatch	2045'
Mesaverde	3870'
Castlegate	5741'
Mancos	5888'
Dakota	9652'
Cedar Mountain	9775'

Remarks:

Morrison 9818'
Total Depth 9920'
Plugged and abandoned July 4, 1963

NOTE: (a) Upon diminishing supply of forms, please inform the Commission
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure. (See back of form)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-01452

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Not Applicable

7. UNIT AGREEMENT NAME

Moon Ridge

8. FARM OR LEASE NAME

None

9. WELL NO.

22-22

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLE. AND
SURVEY OR AREA

Sec 22-16S-21E, SLM

12. COUNTY OR PARISH 13. STATE

Grand

Utah

1.

OIL WELL GAS WELL OTHER

Dry Hole

2. NAME OF OPERATOR

Pacific Natural Gas Exploration Company

3. ADDRESS OF OPERATOR

P. O. Box 2436, Salt Lake City, Utah 84110

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

1980' FNL & 1980' FWL
Section 22, T 16S, R 21E, S.L.M.

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

7837' D.F.

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Mechanical Condition of Well Prior to Abandonment:

10-3/4" c. 216'

7-5/8" c. 6150' ✓

T.D. 9920'

Junk (packers and drillpipe) 9780'-9738'

Abandonment Operations:

1. Filled hole with mud.

2. Plugged with 25 sacks of cement from 9600'-9500'.

3. Plugged with 25 sacks of cement from 6200'-6100' ✓

4. Placed a 10 sack cement plug at the surface and erected a dry hole marker.

5. Filled mouse hole and rat hole with dirt.

WELL ABANDONED JULY 3, 1963. ✓

18. I hereby certify that the foregoing is true and correct

SIGNED R. D. Geddes *R.D. Geddes*

TITLE Division Manager

DATE 10-18-65

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

XERO COPY

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