

FILE NOTATIONS

Entered in NID File ✓
 Entered On S R Sheet _____
 Location Map Pinned ✓
 Card Indexed ✓
 I W R for State or Fee Land _____

Checked by Chief RL
 Copy, NID to Field Office _____
 Approval Letter Submit
 Disapproval Letter _____

COMPLETION DATA:

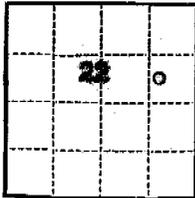
Date Well Completed 4-23-62
 OW _____ WW _____ TA _____
 GW _____ OS _____ PA L

Location Inspected _____
 Bond released _____
 State of Fee Land _____

LOGS FILED

Driller's Log 5-2-62
 Electric Logs (No.) 3

E _____ I _____ E-I ✓ GR _____ GR-N _____ Micro _____
 Lat ✓ Mi-L _____ Sonic ✓ Others _____



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. U-0781
Unit Rock House

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		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)

Well No. 10 is located 2000 ft. from [N] line and 1055 ft. from [E] line of sec. 22
Rock House Unit

SE NE 22 11 S 23 E S.L.M.
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Rock House Utah Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is Not Available 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)

Estimated Formation Tops:

Utah Surface
Green River 600
Wasatch 3200
Mesaverde 5088
Est. T. D. 6488

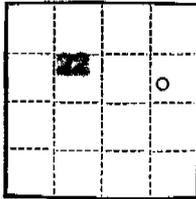
Casing Program

13-3/8" 48# csg set @ 200'.
Cement to circulate
5 1/2" 14-15.5# casing set
through all potential gas
producing zones.

To test potential gas sands in the Green River, Wasatch and Mesaverde formations.

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

Company The Shamrock Oil and Gas Corporation
Address 870 First Security Building
Salt Lake City 11, Utah
By Ralph Thomas
Title District Geologist



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. B-0781
Unit Rock House

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.....	<u>Subsequent Report of Drilling</u> <u>Surface Casing</u>	<u>1</u>

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

March 30

1962

Well No. 10 is located 2300 ft. from 23^N_S line and 1055 ft. from 22^E_W line of sec. 22

SE NE 22 11 S 23 E S.L.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Rock House Utah Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is not available 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)

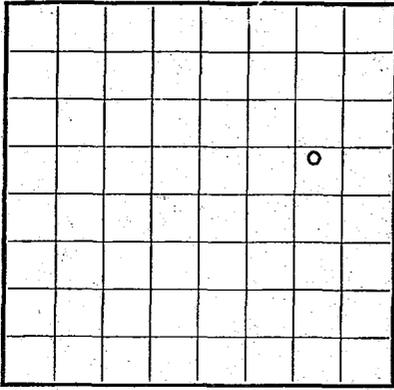
Ran 222.01 feet of 13-3/8" OD 120# H-40 casing. Set casing at 220 feet. Cemented with 300 sacks regular cement with 2% calcium chloride. Cement circulated.

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

Company The Shamrock Oil and Gas Corporation
Address 870 First Security Building
Salt Lake City 11, Utah

By Raymond Shuman
Title District Geologist

U. S. LAND OFFICE Utah
SERIAL NUMBER U-0781
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Shamrock Oil and Gas Corp. Address 370 First Security Building, S.L.C.
Lessor or Tract Rock House Unit Field Rock House State Utah
Well No. 10 Sec. 22 T. 11S R. 23E Meridian Salt Lake County Uintah
Location 2000 ft. ^{North} of N Line and 105 ft. ^{West} of E Line of Section 22 Elevation 6070
(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 Edwin B. Isbell

Date May 1, 1962 Title Geologist

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

Commenced drilling March 23; 19 62 Finished drilling April 22, 19 62

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3297 to 3305 (G) No. 4, from 5675 to 5690 (G)
No. 2, from 3723 to 3740 (G) No. 5, from to
No. 3, from 5322 to 5342 (G) 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-	
13-3/8	48#	4.70		222'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	220	300 sck			

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

FOLD MARK

13-3/8 220

300 sx

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 6243 feet, and from _____ feet to _____ feet

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

DATES

Oct 4-23-, 1962 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

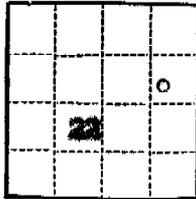
_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	620	620	Sh & Sd TOPS
620	1330	710	Oil Sh Wasatch 3261
1330	1600	270	Sd & Lime Mesaverde 5102
1600	2610	1010	SH & Sd
2610	3180	570	Dk Sh & Sd
3180	3230	50	Lime
3230	4740	1510	Red Sh & Sd
4740	5210	470	Gy sh & sd
5210	5690	480	Sd & Gy Sh
5690	6243	553	Sh & Sd

Pat



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. U-0701
Unit Rook House

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	<input checked="" type="checkbox"/>	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

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

April 23, 1962

Well No. 10 is located 2000 ft. from N line and 1055 ft. from E line of sec. 22
SE NE 22 11 S 23 E S.L.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Rook House Uintah Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6072 ft. K.B.

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)

Request permission to plug and abandon because well is non-commercial.

- Proposed plugs:
- 40 ex @ 5285-5385
 - 40 ex @ 5045-5145
 - 40 ex @ 3209-3309
 - 25 ex @ 190-250
 - 10 ex @ Surface

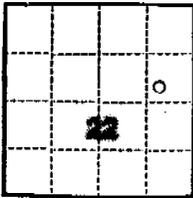
Drilling mud to be between all plugs.

Total depth 6243'.

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

Company The Shamrock Oil and Gas Corporation
 Address 870 First Security Building
Salt Lake City 11, Utah
 By Raymond Thomas
 Title District Geologist

W



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. U-0781
Unit Rock House

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.....	X
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 23, 19 62

Well No. 10 is located 2000 ft. from N line and 1055 ft. from E line of sec. 22.

SE NE 22 11 S 23 E S. 12 M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Rock House Utah Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 6072 ft. K.B.

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)

Total depth 6243'.
Plugs: 40 sz @ 3205-5385
40 sz @ 5045-5145
40 sz @ 3209-3309
25 sz @ 190-250
10 sz @ Surface

Drilling mud between all plugs.

Plugged and abandoned April 23, 1962.

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

Company The Shamrock Oil and Gas Corporation

Address 870 First Security Building

Salt Lake City 11, Utah

By Ralph Thomas

Title District Geologist

Copy file

Budget Bureau No. 42-R356.5
Approval expires 12-31-60.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER
UNIT Rock House

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Rock House

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 1962,

Agent's address 870 First Security Building Company The Shamrock Oil and Gas Corp.

Salt Lake City 11, Utah

Signed Ralph Thomas

Phone 328-0165

Agent's title District Geologist

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)
Sec. 10 SE SE	11S	23E	1	32 32	(Lease No. U-0779) 16.41 0	TW KMV	6,168,000 4,928,000			
Sec. 15 SE SE	11S	23E	2		(Lease No. U-0780)				Well was shut in and temporarily abandoned on January 25, 1961	
Sec. 11 NW SE	11S	23E	3	32 32	(Lease No. U-0778) 0 47.98	TW KMV	5,977,000 9,215,000			
Sec. 9 SE NW	11S	23E	4	32	(Lease No. U-0779) 14.56		27,050,000			
Sec. 13 SE SW SE	11S	23E	5		(Lease No. U-0779)				Junked and abandoned July 14, 1961.	
Sec. 13 SE SW SE	11S	23E	5-A	23	(Lease No. U-0779) 15.00		6,699,000			
Sec. 16 SW NE	11S	23E	6	0	(Lease No. ML-3221) 0		1,688,000			
Sec. 4 NW SW	11S	23E	7	30	(Lease No. U-0778) 0		2,501,000			
Sec. 23 SE NE	11S	23E	8		(Lease No. U-0780) 54.10		23,195,000			
Sec. 14 SE NW	11S	23E	9		(Lease No. U-0779)				Well shut in awaiting pipeline outlet.	
Sec. 22 SE NE	11S	23E	10		(Lease No. U-0781)				Well shut and abandoned April 23, 1962	

NOTE.—There were 1 (381.98 barrels) runs or sales of oil; \$7,421 M cu. ft. of gas sold; _____ 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.

10
Sec. 14 11S 23E 9
SE NW

(Lease No. U-0779)

DST #2: 4742-69. Tool SI 30 min., open 2 hrs, SI 30 min.
Had good blo that decr to weak blo at BOT. NQTS. Rec 40'
drilling mud. Flow Pressures 50-59, SIP 143-78, HHP 2448-2560.
DST #3: 5472-90. Tool SI 30 min., open 60 min., SI 30 min.
Weak blo thruout test. NQTS. Rec 10' mud. FP 60-60,
SIP 86-83, HHP 3010-2938.
DST #4: 5513-45. Tool SI 30 min., open 2 1/2 hrs, SI 30 min.
GTS immed. 15 min. gas gg 44 MCF, 30 min. gg 79 MCF, 45 min.
gg 130 MCF, 1 hr 45 min. gg 233 MCF, 2 hrs gg 249 MCF, 2 hr 15 min.
gg 256 MCF and 2 1/2 hrs gg 264 MCF w/spray of dist. Rec 100'
GCM. FP 62-86, SIP 1545-2202, HHP 3019-3009.
DST #5: 5560-5600. Tool SI 30 min., op 75 min., SI 30 min.
GTS 4 min. 15 min. gg 33 MCF, 45 min. gg 39 MCF, 60 min. gg
44 MCF, and 75 min. gg 44 MCF. Rec 100' GCM. FP 71-83, SIP
2150-2221, HHP 2990-2974.
DST #6: 5730-52. Tool SI 30 min., op 90 min., SI 30 min.
GTS 4 min., 60 min. gg 8 MCF, 1 hr 15 min. gg 10 MCF, 1 1/2 hrs
gg 10 MCF. Rec 30' GCM. FP 40-48, SIP 2019-1235, HHP 3129-3033.
DST #7: 5838-62. Tool stopped 100' off bottom.
DST #7-A: 5838-5862. Tool SI 30 min., open 60 min., SI 30 min.
Had good blo. NQTS. Rec 40' GCM. FP 48-48, SIP 190-190, HHP
3115-3035.
DST #8: 5940-82. Tool SI 30 min., open 1 1/2 hrs, SI 30 min.
Had good blo. NQTS. Rec 60' drilling mud. FP 29-32, SIP 209-
97, HHP 3147-3127.
DST #9: 6478-6500. Tool SI 30 min., op 90 min., SI 30 min.
Fair blo immed, decr in 30 min. to EOT. NQTS. Rec 20' mud.
FP 6-6, SIP 77-43, HHP 3365-3333.
Drilled to 6647. Ran Schlumberger.
Set 5 1/2 casing at 5791 and cemented w/300 sx.
Ran temperature survey. Top of cement 5100'.
Ran correlation log. Set 2-3/8" tubing at 5483'. Installed
National tree.
Waiting on roads to dry to move in completion tools.

Shapiro & Co. Gas.
Rock House Unit
Sec. 22 11S 23E 10
SE NE

(Lease No. U-0781)

Spudded 3-23-62
Set 13-3/8" casing at 220' w/300 sx.
Drilled 12 1/2" hole to 1832'.
Drilling 8-3/4" @ 2437'.

Total amount of gas sold to Mountain Fuel Supply Company	150,145,000 cubic feet
Total amount of gas used for rig fuel	1,800,000 cubic feet

RIG FUEL

Total amount of gas used within Rock House Unit	1,800,000 cubic feet
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Total amount of gas used outside Rock House Unit	000
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July 28, 1964

On July 27, 1964, Mr. Rodney Smith, District Engineer for the U.S. Geological Survey, informed me that the following plugged wells have been satisfactorily abandoned and approved by his agency:

- Morris Rosenblatt, Well No. Federal #1,
NE NE Sec. 20, T. 23 S., R. 17 E., Grand County, Utah
- Walter D. Broadhead, Well No. Keas Federal 5-75,
NE SE Sec. 5, T. 20 S., R. 24 E., Grand County, Utah
- Honolulu Oil Corporation, Well No. Bitter Creek #1,
SW SE Sec. 30, T. 11 S., R. 23 E., Uintah County, Utah
- H. P. McLish, Well No. Government Walton #1,
SE SW Sec. 9, T. 8 S., R. 23 E., Uintah County, Utah
- Davis Oil Company, Well No. Pariette Bench Unit #5,
SE SE Sec. 9, T. 9 S., R. 18 E., Uintah County, Utah
- Sinclair Oil & Gas Company, Well No. Uintah Federal #178-1,
SW SW Sec. 24, T. 12 S., R. 22 E., Uintah County, Utah
- Shamrock Oil & Gas Corporation, Well No. Rock House Unit #10,
SE NE Sec. 22, T. 11 S., R. 23 E., Uintah County, Utah
- California Oil Company, Well No. Red Wash #187 (32-31C),
SW NE Sec. 31, T. 7 S., R. 24 E., Uintah County, Utah
- California Oil Company, Well No. White River Unit #14 (32-3D),
SW NE Sec. 3, T. 8 S., R. 22 E., Uintah County, Utah
- C. F. Raymond, Well No. Government #1,
NW NW Sec. 17, T. 13 S., R. 24 E., Uintah County, Utah
- Pan American Petroleum Corporation, Well No. USA Lyle O. Lingelbach #1,
SE SE Sec. 29, T. 6 S., R. 21 E., Uintah County, Utah
- Pan American Petroleum Corporation, Well No. McLish Unit #1,
SW SE Sec. 34, T. 6 S., R. 22 E., Uintah County, Utah