

## 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 [Signature]  
 Copy NID to Field Office \_\_\_\_\_  
 Approval Letter [Signature]  
 Disapproval Letter \_\_\_\_\_

## COMPLETION DATA:

Date Well Completed 6-8-62  
 OW \_\_\_\_\_ WW \_\_\_\_\_ TA \_\_\_\_\_  
 GW \_\_\_\_\_ OS \_\_\_\_\_ PA X

Location Inspected \_\_\_\_\_  
 Bond released \_\_\_\_\_  
 State of Fee Land \_\_\_\_\_

## LOGS FILED

Driller's Log 6-12-62  
 Electric Logs (No. ) 5

E \_\_\_\_\_ I \_\_\_\_\_ E-I ✓ GR \_\_\_\_\_ GR-N \_\_\_\_\_ Micro \_\_\_\_\_  
 Lat ✓ Mi-L \_\_\_\_\_ Sonic ✓ Others Formation Density  
Formation Tester

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved.  
Budget Bureau No. 45-2284.1  
LAND OFFICE Utah  
LEASE NUMBER \_\_\_\_\_  
UNIT Rainbow

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Wasatch Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of April, 19 62.

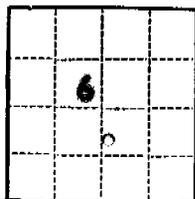
Agent's address 579 First Security Building Salt Lake City 11, Utah Company The Shamrock Oil and Gas Corp.

Phone RA 2-0145 Signed [Signature] Agent's title District Geologist

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	B/ERRELS 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. 8 NE NE SW	11S	24E	1							(Lease No. U-017403) Well shut in awaiting pipeline outlet.
✓ Sec. 18 NE SW	11S	24E	2							(Lease No. U-0529) Junked and abandoned 11-12-61
✓ Sec. 18 NE SW	11S	24E	2-A							(Lease No. U-0529) Well shut in awaiting pipeline outlet.
✓ Sec. 7 NE SW	11S	24E	3							(Lease No. SL-070535-E) Completed as dry and abandoned 1-17-62
✓ Sec. 1 NW SE	11S	23E	4							(Lease No. U-017664-A) Constructed tank battery. Flowed Wasatch Oil Zone. Well made 18.37 bbls oil on 3/4" ck thru treater in 11 hr test. Gas sg 209 MEF. Had 250' on tbg. Conducted back pressure flow test on gas zone. COMPLETION REPORT: Wasatch Gas Zone: GASP 24,000,000 STIP 1658, SICP 1658, SI bottom hole pressure 1830. Completion date 4-3-62. Wasatch Oil Zone: 24 hr flow test well produced 20 bbls oil thru 3/4" ck, FTP 60, gas head sg 225 MEFCPD. Completion date 4-3-62.
				5	300.00		180,000 (GTP)			300 MEF (Fuel used in drilling Rainbow Well No. 5)
✓ Sec. 6 NW SE	11S	24E	5							(Lease No. U-017403) Spud 4-20-62 Set 13-3/8" casing @ 223' w/300 sp. Drilled 17 1/2" hole to 225'. Drilling 12 1/2" at 1009'.
	S20E	8	YAM							

NOTE.—There were 1 (180.00 barrels) runs or sales of oil; No M cu. ft. of gas sold;

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.



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Utah  
Lease No. U-017403  
Unit Rainbow

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)

April 23, 1962

Well No. 5 is located 1700 ft. from N line and 2500 ft. from E line of sec. 6  
6 11S 34E S.L.M.  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Rainbow Utah Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5196 ft. Gr.

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:  
 Green River Surface  
 Wasatch 2655  
 Mesaverde 4555  
 Est. T. D. 5950

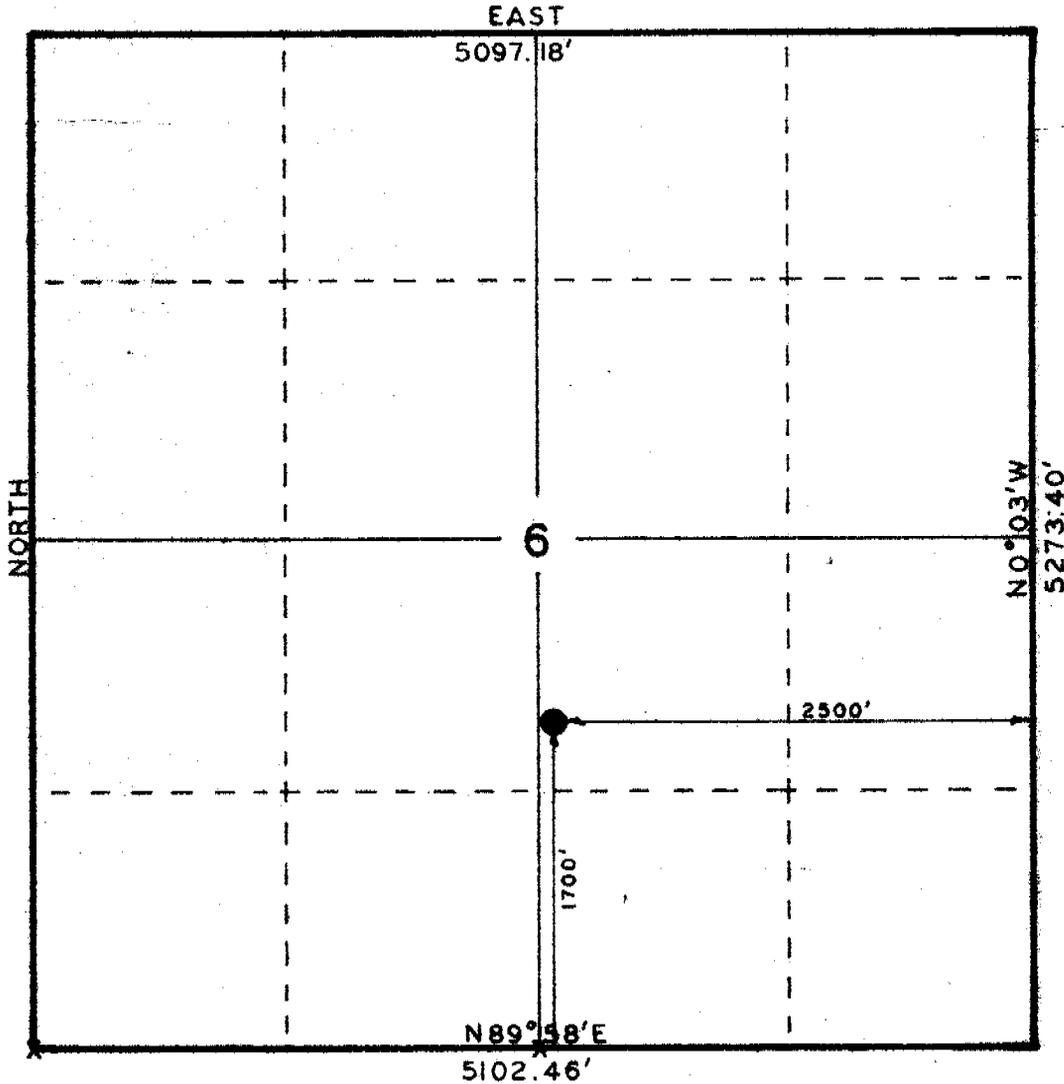
Casing Program  
 13-3/8" 48# casing set @ 200'  
 Cement to circulate.  
 5 1/2" 14-15.5# casing set thru  
 all potential gas producing  
 zones.

To test potential gas sands in the 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 [Signature]  
 Title District Geologist

TIIS, R24E, SLB&M



X = Corners Located  
 Elev. 5195-57 GL.

Scale: 1" = 1000'

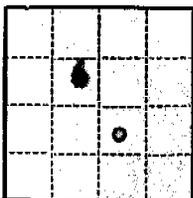
*W. J. Rose*

By: ROSS CONSTRUCTION CO.  
 Vernal, Utah

PARTY \_\_\_\_\_  
 Gene Stewart \_\_\_\_\_  
 Larry Lee \_\_\_\_\_  
 J.R. Adams \_\_\_\_\_  
 WEATHER Clear - Cold \_\_\_\_\_

**SURVEY**  
 SHAMROCK OIL & GAS CO.  
 WELL LOC. RAINBOW UNIT NO.5, LOCATED AS  
 SHOWN IN THE NW 1/4, SE 1/4, SEC. 6, T11S, R24E,  
 SLB&M, UINTAH COUNTY, UTAH.

DATE 12/13/61 \_\_\_\_\_  
 REFERENCES  
 Approved 5/27/05  
 GLO Township Plat  
 FILE SHAMROCK \_\_\_\_\_



(SUBMIT IN TRIPPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Utah  
Lease No. U-017409  
Unit Rainbow

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	<b>Subsequent Report of Running Surface Casing</b>	<b>X</b>

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

April 30, 1962

Well No. 5 is located 1700 ft. from SW line and 2900 ft. from E line of sec. 6  
6 NW SE (1/4 Sec. and Sec. No.) 11 S 24 E S.L.M.  
Rainbow Utah Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5196 ft. Gr.

DETAILS OF WORK

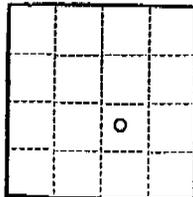
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Ran 225 feet of 1 3/8" 120# casing. Set casing at 223 feet.  
Cemented with 300 sacks of regular cement with 2% calcium chloride added. Cement circulated.

Spudded 4-26-62

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. U-017403  
Unit Rainbow

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.....	
<b>Notice of Intention to Run Intermediate Casing</b>	

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

\_\_\_\_\_ May 3 \_\_\_\_\_, 19 62

Well No. 5 is located 1700 ft. from SW } line and 2500 ft. from E } line of sec. 6

SW SE 6 11 S 24 E Salt Lake  
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Rainbow Mintah Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5196 ft. Or.

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 set 9-5/8" casing to approximately 2,200 feet to shut off water flow. To cement casing with 175 sacks of common cement.**

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

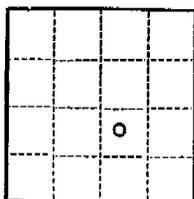
Company The Shamrock Oil and Gas Corporation

Address 870 First Security Building

Salt Lake City 11, Utah

By Edith Thoma

Title District Geologist



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office Utah  
Lease No. U-017403  
Unit Rainbow

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.....
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NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	
<b>Notice of Intention to Run Intermediate Casing</b>	

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

May 3, 1962

*Rainbow Unit*  
Well No. 5 is located 1700 ft. from SW line and 2500 ft. from E line of sec. 6  
NW SE 6 11 S 24 E Salt Lake  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Rainbow Utah Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5196 ft. Gr.

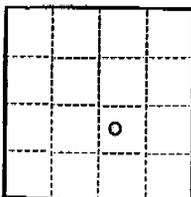
DETAILS OF WORK

(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 set 9-5/8" casing to approximately 2,200 feet to shut off water flow. To cement casing with 175 sacks of common cement.

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 Horn  
Title District Geologist



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.  
Form Approved.

Land Office Utah  
Lease No. U-017403  
Unit Rainbow

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 Running Intermediate Casing</u>	<u>X</u>

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

May 4, 1962

Well No. 5 is located 1700 ft. from S line and 2500 ft. from E line of sec. 6

NW SE 6 11 S 24 E Salt Lake  
( $\frac{1}{4}$  Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Rainbow Uintah Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5196 ft. Gr.

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 69 joints (2,209.52') of 7-5/8" casing. Set casing at 2,207 feet. Cemented with 175 sacks of regular cement with 2% calcium chloride added.

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

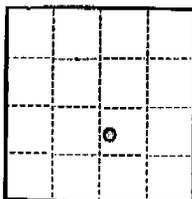
Company The Shearock Oil and Gas Corporation

Address 870 First Security Building

Salt Lake City, Utah

By Ralph Thomas

Title District Geologist



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.  
Form Approved.

Land Office Utah  
Lease No. U-017403  
Unit Rainbow

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.....			
<b>Notice of intention to run casing</b>	<b>X</b>		

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

May 25, 19 62

*Rainbow Unit #*  
Well No. 5 is located 1700 ft. from NS line and 2500 ft. from E line of sec. 6  
NW SE 6 11 S 24 E Salt Lake  
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Rainbow Uintah Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5196 ft. Gr.

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)

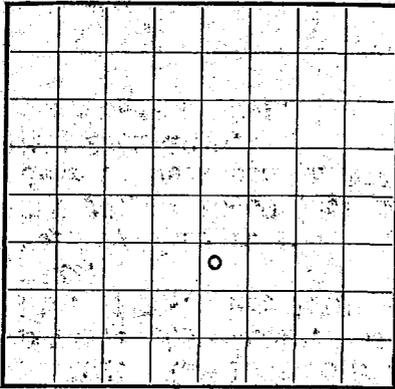
Request permission to set 5½" casing to approximately 4600 feet to test productive zones. To cement casing with 400 sacks of regular cement. Rotary total depth 5940.

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 Thorne  
Title District Geologist

JUN 12 1962

U. S. LAND OFFICE Utah  
SERIAL NUMBER U-017403  
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 Corporation Address 870 First Security Bldg., Salt Lake City

Lessor or Tract Rainbow Unit Field Rainbow State Utah

Well No. 5 Sec. 6 T. 11S. R. 24E Meridian Salt Lake County Uintah

Location 1700 ft. N. of S Line and 2500 ft. E. of E Line of Section 6 Elevation 5207  
(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 Ralph Thomas  
Title District Geologist

Date June 11, 1962

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

Commenced drilling April 26, 19 62 Finished drilling May 25, 19 62

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5150 to 5164 (G) 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 1210 to 1240 No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 1350 to 1370 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-	
<u>13-3/8</u>	<u>118</u>	<u>4</u>	<u>H-10</u>	<u>225</u>	<u>Guide</u>	<u>None</u>			
<u>9-5/8</u>	<u>32.8</u>	<u>4</u>	<u>H-10</u>	<u>2809</u>	<u>Guide</u>	<u>None</u>			
<u>5 1/2</u>	<u>14</u>	<u>4</u>	<u>J-55</u>	<u>4600</u>	<u>Guide</u>	<u>3762 Surface</u>			

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13-3/8</u>	<u>223</u>	<u>300</u>	<u>Pump &amp; plug</u>		
<u>9-5/8</u>	<u>2207</u>	<u>175</u>	<u>Pump &amp; plug</u>		
<u>5 1/2</u>	<u>4598</u>	<u>400</u>	<u>Pump &amp; plug</u>		

PLUGS AND ADAPTERS

Heaving plug—Material see well history Length \_\_\_\_\_ Depth set \_\_\_\_\_

Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

SHOOTING RECORD

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

FOLD MARK

**MUDDING AND CEMENTING RECORD**

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	223	300	Pump & plug		
9-5/8	2207	175	Pump & plug		
5 1/2	4598	400	Pump & plug		

**PLUGS AND ADAPTERS**

Heaving plug—Material see well history 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 5950 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

PA 2-8-62, 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	250	250	sd and shale TOPS
250	2677	2427	sd, sh, oil sh & ls Wasatch 2677
2677	4527	1850	sh and sd Mesaverde 4527
4527	5950	1423	sd, sh, silt and streaks of coal

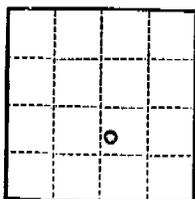
(OVER)

JUN 12 1962

### 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.

Spudded 4-26-62  
 Drilled 17 1/2" to 225'. Drilled 12 1/2" to 310'. Set 13-3/8" casing at 223' w/300 sx.  
 Drilled to 2210'. Set 9-5/8" casing at 2207' w/175 sx.  
 DST #1: 5151-67. Tool SI 30 min., op 60 min., SI 30 min. GTS 13 min., gg 17 MCF, rec 10' GCM, FP 32-32, SIP 2238-2238, HHP 2879-2864.  
 DST #2: 5358-85. Tool SI 30 min., op 60 min., SI 30 min. Good blo immediately, decreasing thruout. Rec 45' drilling mud. FP 20-35, SIP 305-385, HHP 3115-3040.  
 DST #3: 5450-5479. Tool SI 30 min., op 60 min., SI 30 min. Good blo immed., decr to weak at EOT. Rec 20' Ø Mud. FP 56-56, SIP 313-370, HHP 3068-3049.  
 DST #4: 5494-5526. Tool SI 30 min., op 60 min., SI 30 min. Good blo immed. GTS 6 min. 20 min. gg 4 MCF, 40 min. gg 5 MCF. Rec 25' mud. FP 41-62, SIP 1416-719, HHP 3040-3020.  
 DST #5: 5835-53. Tool SI 30 min., op 60 min., SI 30 min. Had good blo that decr to wk at EOT. NGTS. Rec 20' M. FP 41-62, SIP 560-200, HHP 3200-3181.  
 Drilled to 5940. Ran logs.  
 Wireline test No. 1: 4513-4515 1/2. SI 46 min., op 60 min. Rec 1.2 CF gas of which 0.7 CF was flammable and 3,700 cc of wtr. Resistivity 1.32 at 100° F, R<sub>w</sub> .22, formation wtr 1.75%. SIP 2250, FP 0, surface pressure 0, HHP 2500.  
 Wireline test No. 2: 4396-4398 1/2. SI 32 min., open 60 min. Rec 1.3 CF of gas, of which 0.6 CF was flammable and 3500 cc of wtr & 3500 cc of mud. Resistivity 1.76 at 100° F. SIP 2280, FP 0, surface pressure 200, HHP 2470.  
 Wireline test No. 3: 4239-4241 1/2. SI 36 min., open 60 min. Rec 1.3 cf of gas, of which 0.8 CF was flammable and 2300 cc wtr. Resistivity 1.24 at 100° F. SIP 1900, FP 0, surface pressure 0, HHP 2400, R<sub>w</sub> .22, formation wtr 3 1/2%.  
 Ran 5 1/2" casing. Set at 4598 w/400 sx.  
 Ran correlation log and bond log. Top of cement 3530'.  
 Perf w/2 per ft from 4510-30. Perf w/1 per ft 4330-40, 4356-86 and 4396-4409.  
 DST #6: 4510-30. SI 30 min., op 2 hrs, SI 30 min. Good blo decr to weak blo at EOT. Rec 100' WCM, 400' GCW. FP 32-233, SIP 1998-2166, HHP 2379-2312.  
 DST #7: 4300-4418. SI 30 min., op 4 hrs, SI 30 min. Had fair blo, decr to weak blo. NGTS. Rec 100' WCM and 3100' SGCW. FP 122-1412, SIP 2239-2118, HHP 2372-2322.  
 Perf w/2 per ft from 4232-50.  
 DST #8: 4210-60 (straddle tst) SI 30 min., opn 4 hrs, SI 30 min. Fair blo decr to weak blo at EOT. Rec 70' WCM and 500' GCW. FP 30-217, SIP 2056-1935, HHP 2262-2250.  
 Comp 6-8-62 D&A.



(SUBMIT IN TRIPPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.  
Form Approved.

Land Office Utah  
Lease No. U-017403  
Unit Rainbow

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 running casing X</u>

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

May 28, 19 62

Well No. 5 is located 1700 ft. from S line and 2500 ft. from E line of sec. 6  
NW SE 6 11 S 24 E Salt Lake  
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Rainbow Utah Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5196 ft. Gr.

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)

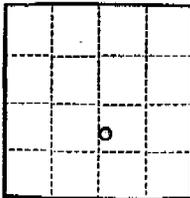
Ran 4600.18 feet 5½" 11½ J-55 casing. Set casing at 4,598 feet.  
 Cemented with 400 sacks of regular cement with 3% gal and 1% flac added.  
 Rotary total depth 5940.

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 \_\_\_\_\_  
 Title District Geologist

(SUBMIT IN TRIPPLICATE)

Land Office Utah  
 Lease No. U-017403  
 Unit Rainbow



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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	X		

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

June 4, 1962

Well No. 5 is located 1700 ft. from S line and 2500 ft. from E line of sec. 6

6 11 S 24 E Salt Lake  
 (1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Rainbow Utah Utah  
 (Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5196 ft. Gr.

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.  
 5 1/2" casing set at 4598. To cut casing off at 3562'.

Proposed plugs: 10 sx @ 4540-4452  
 15 sx @ 4423-4292  
 10 sx @ 4273-4185  
 20 sx @ 3570-3516  
 20 sx @ 2699-2655  
 25 sx @ 2230-2180  
 10 sx @ surface

Drilling mud to be between all plugs.  
 Total depth 5940'.

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

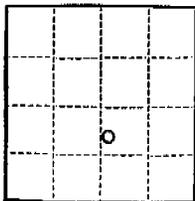
Company The Shamrock Oil and Gas Corporation

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

Budget Bureau No. 42-R358.4.  
Form Approved.

Land Office Utah  
Lease No. U-017403  
Unit Rainbow

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)

June 11, 19 62

Well No. 5 is located 1700 ft. from S line and 2500 ft. from E line of sec. 6

N 35 6 11 S 24 E Salt Lake  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Rainbow Utah Utah  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5196 ft. Gr.

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 5940' Cut casing off at 3562'.  
Plugs: 10 sx @ 4540-4452  
15 sx @ 4423-4292  
10 sx @ 4273-4185  
20 sx @ 3970-3920  
20 sx @ 2699-2655  
25 sx @ 2230-2170  
10 sx @ surface.

Drilling mud between all plugs.

Plugged and abandoned June 8, 1962.

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

Company The Sharrow Oil and Gas Corporation

Address 870 First Security Building

Salt Lake City 11, Utah

By Ralph Thorne

Title District Geologist

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form approved  
Bureau No. 48-2864.5.

LAND OFFICE \_\_\_\_\_  
LEASE NUMBER 111-82-807  
UNIT Rainbow

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, 19 62.

Agent's address 870 First Security Building Company The Shreveport Oil and Gas Corp.  
Salt Lake City 11, Utah Signed Ralph Thomas

Phone DA 8-0165 Agent's title District Geologist

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE 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. 8 NE NE SW	11S	24E	1		(Lease No. U-017403) Well shut in awaiting pipeline outlet.						
Sec. 18 NE SW	11S	24E	2		(Lease No. U-0529) Jammed and abandoned 11-12-61.						
Sec. 18 NE SW	11S	24E	2-A	26	(Lease No. U-0529) 100,000 GFTD (Fuel used in drilling Rainbow Unit No. 6)				2,600 MCF		
Sec. 7 NE SW	11S	24E	3		(Lease No. SL-070535-E) Dry and abandoned January 17, 1962.						
Sec. 1 NW SE	11S	23E	4		(Lease No. U-017664-A) Shut in awaiting pipeline outlet.						
Sec. 6 NW SE	11S	24E	5		(Lease No. U-017403) Perf. w/2 per ft from 4232-50. DST #8: 4210-60 (straddle test), SI 30 min., open 4 hrs, SI 30 min. Fair ble deer to wk at BOT. Res 70' MCW, 500' GCW. FP 30-217, SIP 2056-1935, HHP 2262-2250. Plugged and abandoned June 8, 1962.						
Sec. 19 SE SE NW	11S	24E	6		(Lease No. U-018859) Set 9-5/8" casing at 2315' w/180 KK. DST #1: 3826-89. SI 30 min., op 60 min., SI 30 min. Had good ble, deer to week at BOT. NPTS. Res 360' SQGW, 90' MCW. FP 50-180, SIP 1882-1750, HHP 2096-2085. DST #2: 4021-86. SI 30 min., op 2 hrs, SI 45 min. Strong ble, QTS 2 min. max 88 554 MCF. Res 10' GACGW. FP 38-131, SIP 1997-1926, HHP 2222-2218. DST #3: 5158-83. SI 30 min., op 60 min., SI 30 min. QTS 57 min. TSTM. Res 45' GCW, FP 25-50, SIP 1104-957, HHP 2895-2870.						

NOTE.—There were 1 (188.96 barrels) runs or sales of oil; no M cu. ft. of gas sold;

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

LAND OFFICE Utah  
LEASE NUMBER .....  
UNIT Rainbow

**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 May, 1963.

Agent's address 870 First Security Building Company The Shamrock Oil and Gas Corp.  
Salt Lake City 11, Utah Signed [Signature]

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. 8 NE NE SW	11S	24E	1		(Lease No. U-017403)					
				30	00	TW	275			
				30	00	KMV	2,898			
Sec. 18 NE SW	11S	24E	2		(Lease No. U-0529)					Junked and abandoned 11-12-61
Sec. 18 NE SE	11S	24E	2-A		(Lease No. U-0529)					
				31	38.55	TW	21,710			
				31	0	KMV	2,402			
Sec. 7 NE SW	11S	24E	3		(Lease No. SL-070535-E)					Dry and abandoned 1-17-62.
Sec. 1 NW SE	11S	23E	4	30	13.35		4,024			
Sec. 6 NW SE	11S	24E	5		(Lease No. U-017403)					Plugged and abandoned 6-8-62.
Sec. 19 SE SE NW	11S	24E	6	26			3,021			

NOTE.—There were no runs or sales of oil; 34,330 M cu. ft. of gas sold;

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.