

This well started producing in April, 1963

BN 2. Use as Water well

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
Copy NID to Field Office
Approval Letter
Disapproval Letter

RLL

COMPLETION DATA:

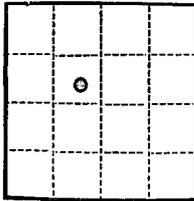
Date Well Completed 7-11-62
OW _____ WW _____ TA _____
GW OS _____ PA _____

Location Inspected
Bond released
State of Fee Land

LOGS FILED

Driller's Log 7-8-62
Electric Logs (No. 1 2)

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-018859
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)

May 16, 19 62

Rainbow Unit
Well No. 6 is located 2104 ft. from N line and 2148 ft. from EW line of sec. 19
SE NW 19 (1/4 Sec. and Sec. No.) 11 S (Twp.) 24 E (Range) Salt Lake (Meridian)
Rainbow (Field) Uintah (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5610 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)

Estimated Formation Tops:

Green River Surface
Wasatch 2582
Mesaverde 4372
Est. T. D. 5575

Casing Program:

13-3/8" 48# casing set to 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.

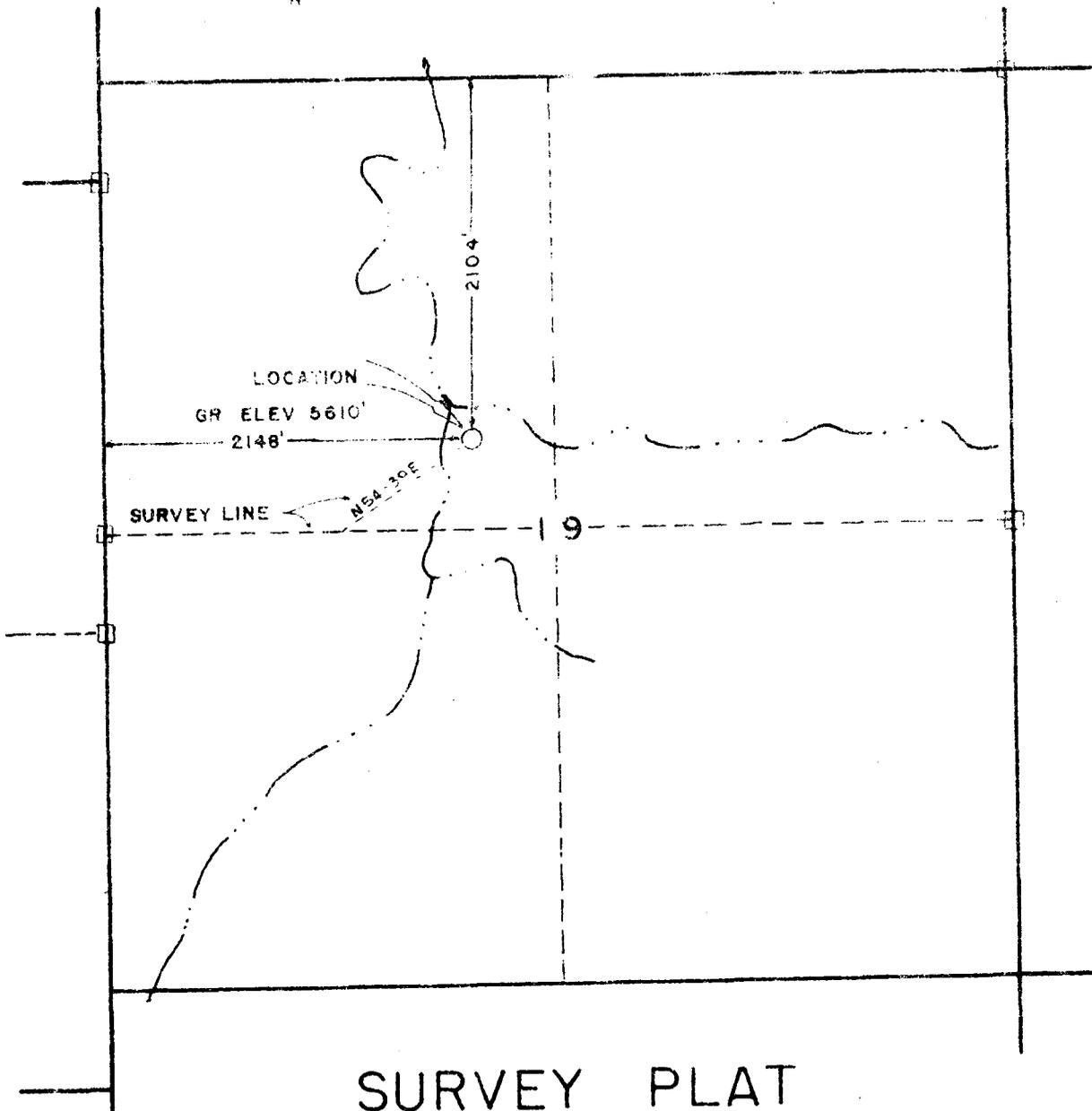
Company The Shamrock Oil and Gas Corporation

Address 870 First Security Building

Salt Lake City 11, Utah

By Ralph Thomas

Title District Geologist



SURVEY PLAT
OF
WELL SITE

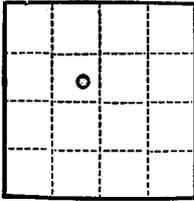
RAINBOW UNIT NO. 6

SE NW SEC. 19, T. 11S, R. 24E
JUNTAH COUNTY, UTAH

SURVEY BY QUIGLEY & SHANNON

APRIL 1962

SCALE: 1 INCH = 100 FT.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. U-018859
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		Subsequent report of running surface casing	X

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

May 31, 1962

Rainbow Unit #

Well No. 6 is located 2104 ft. from N line and 2148 ft. from W line of sec. 19

SE NW 19 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 5610 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 224.81 feet of 13-3/8" casing. Set casing at 222 feet. Cemented with 300 sacks regular cement with 2% calcium chloride added. Cement circulated.

Spudded 5-28-62.

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

Company The Shmrock Oil and Gas Corporation

Address 870 First Security Building

Salt Lake City 11, Utah

By Ralph Thomas

Title District Geologist

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R366.5
Utah

LAND OFFICE _____
LEASE NUMBER **Rainbow**
UNIT _____

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 **May**, 19 **62**,

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

Phone **DA 8-0165** Signed **Karl Johnson** 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) 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	4			100,000 CFPD		400 MCF	(Lease No. U-0529) (Fuel used in drilling Rainbow Unit No. 6)
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	25	131.66		100,000 CFPD		2,500 MCF	(Lease No. U-017664-A) (Fuel used in drilling Rainbow Unit No. 5)
Sec. 6 NW SE	11S	24E	5							(Lease No. U-017403) Set 9-5/8" casing at 2207' w/175 ex. DST #1: 5151-67. Tool SI 30 min., op 60 min., SI 30 min. GTS 13 min., gg 17 MCF. Rec 10' OCM. 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 immed, decr thruout. Rec 45' 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 BOT. Rec 20' Ø M. 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' M. FP 41-62, SIP 1416-719, HHP 3040-3020. DST #5: 5835-53. Tool SI 30 min., op 60 min., SI 30 min.

NOTE.—There were **no** runs or sales of oil; **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.

Form 9-329
(January 1950)

Sec. 6 11S 24E 5
NW SE

(Lease No. U-017403) continued

Had good blow that decr to weak at EOT. NGTS. Rec 20'
Mud. FP 41-62, SIP 560-200, HHP 3200-3181.

Drilled to 5940. Ran logs.

Wireline Formation Test No. 1: 4513-4515 $\frac{1}{2}$. Shut in 46 min.,
open 60 min. Rec 1.2 CF gas of which 0.7 CF was flammable and
3700 cc of water. Resistivity 1.32 at 100° F, Rw .22, formation
wtr 1.75%. SIP 2250, FP 0, Surface Pressure 0, HHP 2500.

Wireline Test No. 2: 4396-4398 $\frac{1}{2}$. Shut in 32 min., open 60
min. Rec 1.3 CF of gas, of which 0.6 CF was flammable and
3500 cc of water and 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 $\frac{1}{2}$. Shut in 36 min., open 60 min.
Rec. 1.3 CF of gas, of which 0.8 CF was flammable and 2300 cc
of water. Resistivity 1.24 at 100° F. SIP 1900, FP 0, surface
pressure 0, HHP 2400, Rw .22, formation water 3 $\frac{1}{2}$ %.

Set 5 $\frac{1}{2}$ " casing at 4598 w/400 ex.

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. Tool SI 30 min., op 2 hrs, SI 30 min.

Good blo decr to weak blo at EOT. Rec 100' WCM, 400' GCW.

FP 62-233, SIP 1998-2166, HHP 2379-2312.

DST #7: 4300-4418. Tool 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.

Prep to perf from 4232-50.

Sec. 19 11S 24E 6
SE SE NW

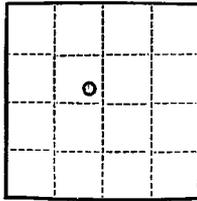
(Lease No. U-018859)

Spud 5-28-62. Drilled 17 $\frac{1}{4}$ " to 225'. Set 13-3/8" casing
at 222' w/300 ex. Drilling 12 $\frac{1}{4}$ " at 500' in sand & shale.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. U-018859
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.....	
Notice of intention to run intermediate casing	

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

June 5, 19 62

Rainbow Unit

Well No. #6 is located 2104 ft. from N line and 2148 ft. from W line of sec. 19
SE NW 19 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 5610 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)

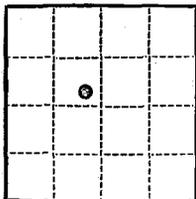
Request permission to set 9-5/8" casing to approximately 2,300 feet to shut off water flow. To cement casing with 100 sacks of common cement.

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 Thomas
 Title District Geologist

(SUBMIT IN TRIPLICATE)

Land Office Utah
Lease No. U-018859
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.....	<u>Subsequent report of running intermediate casing</u>	<u>X</u>

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

Rainbow June 6, 19 62
Well No. 6 is located 2104 ft. from N line and 2148 ft. from SE line of sec. 19
SE NW 19 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 5610 ft. Gr.

DETAILS OF WORK

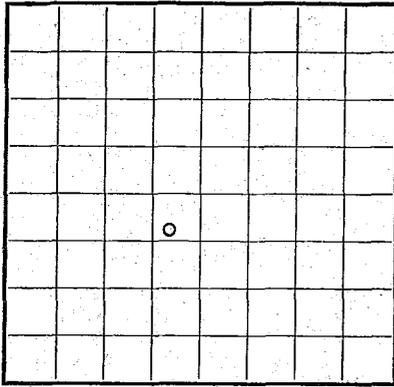
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Ran 76 joints (2,318.11') of 9-5/8" 32# H-40 casing. Set casing at 2,315'. Cemented with 180 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 Shamrock Oil and Gas Corporation
Address 870 First Security Building
Salt Lake City 11, Utah
By Lyle Thomas
Title District Geologist

U. S. LAND OFFICE Utah
SERIAL NUMBER U-018859
LEASE OR PERMIT TO PROSPECT Rainbow



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Shamrock Oil & Gas Corporation Address 870 First Security Building, S.L.C.

Lessor or Tract Rainbow Unit Field Rainbow State Utah

Well No. 6 Sec. 19 T. 11S R. 24E Meridian Salt Lake County Uintah

Location 2104 ft. SW of N Line and 2148 ft. SE of W Line of Section 19 Elevation 5620
(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 Leonard J. Fowler

Date August 7, 1962 Title Geologist

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

Commenced drilling May 28, 1962 Finished drilling June 21, 1962

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4026 to 4034 (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 1123 to 1150 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#			221.81'					
9-5/8	32#	H-40		2318.11'					
5 1/2	14#	J-55		4127.16'			4026	4034	gas production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	222	300 regular			
9-5/8	2315	150 regular			
5 1/2	4125	200 regular			

PLUGS AND ADAPTERS

Heaving plug—Material Cement Length 1475' Depth set 4125 to 5600'

Adapters—Material _____ Size _____

SHOOTING RECORD

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

FOLD MARK

MUDDING AND CEMENTING RECORD

FOLD MARK

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	222	300 regular			
9-5/8	2315	150 regular			
5 1/2	4125	200 regular			

PLUGS AND ADAPTERS

Heaving plug—Material Cement Length 1475' Depth set 4125 to 5600'
 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 5600 (TD) feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing 7-11-62, 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 1230 MCF/D 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	220	220	sd
220	1170	950	oil shale
1170	1470	300	ls
1470	1600	130	sh
1600	1750	150	ls
1750	2150	400	sd & sh
2150	2250	100	oil shale
2250	2350	100	ls
2350	2520	170	sd & sh
2520	2600	80	ls
2600	3650	1050	sd & sh
3650	4020	370	ls & sh
4020	5600	1580	sd & sh

TOPS
 Wasatch 2607
 Mesaverde 4430

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 5-28-62. Set 13-3/8" casing @ 222 w/300 sx.

Water flow @ 1123' est 15 BPH. ϕ to 2325'. Set 9-5/8" csg @ 2315 w/180 sx.

DST #1: 3826-39. SI 30 min., op 60 min., SI 30 min. Had good blo, decr to weak at EOT. NGTS. Rec 360' SGCW, 90' MCW. FP 50-180, SIP 1882-1750, HHP 2096-2085.

DST #2: 4021-36. SI 30 min., op 2 hrs., SI 45 min. Strong blo, GTS 2 min. max gg 554 MCF. Rec 10' G&DCM. FP 38-131, SIP 1997-1926, HHP 222-2218.

DST #3: 5158-83. SI 30 min., op 60 min., SI 30 min. GTS 57" TSTM.

Rec 45' GCM. FP 25-50, SIP 1104-957, HHP 2895-2870.

DST #4: 5522-48. SI 30 min., op 67 min., SI 30 min. GTS 46 min, gg 3 MCF.

Rec 30' GCM. FP 20-40, SIP 710-710, HHP 3134-3134.

DST #5: 5553-84. SI 30 min., op 60 min., SI 30 min. Had good blo, decr to wk. NGTS. Rec 10' Drilling mud. FP 20-20, SIP 235-352, HHP 3086-3068.

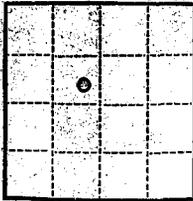
ϕ to 5600'. Ran SJ logs. Log Tops: TW 2607, KMV 4430. Set 5 1/2" csg @ 4125 w/200 sx regular. Ran McCullough temperature survey and correlation log. T/cement @ 3690. Perf 5 1/2" csg 4026-4034 w/4 shots per ft (1"/64" jets). Frac Perfs w/500 g 15% MA, 20,000 g 3% gelled acid and 13,000# sd. Formation breakdown pressure 2200#, Treating press. 2600#, IR 28 BPM. SI 1 1/2 hrs. Flo & tstd. Gas gg 1673 MCF. FCP 400#, FTP 100#.

COMPLETION REPORT: Wasatch - Comp. for a 24 hr. stabilized 1-point absolute open flow volume of 1230 MCFGPD. SITP 1589#, SICP 1590#, SIBHP 1903#.

Comp 7-11-62

Pay 4026-4034

TD 5600, PB 4125.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. U-018899
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)

Rainbow Unit

June 27, 19 62

Well No. 6 is located 2106 ft. from [N] line and 2148 ft. from [W] line of sec. 19
SE NW 19 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 5610 ft. Gr.

DETAILS OF WORK

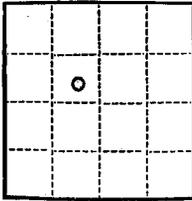
(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Ran 4,127.16 feet 5 1/2" 11 1/2 J-55 casing. Set casing at 4125 feet.
Cemented with 200 sacks of regular cement with 45 gal adici.
Rotary total depth 5600.

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 Leonard S. Fowler
Title Geologist

(SUBMIT IN TRIPLICATE)



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. U-018859
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.....			
Notice of intention to run casing <input checked="" type="checkbox"/>			

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

June 27, 1962

Rainbow

Well No. 6 is located 2104 ft. from N line and 2148 ft. from E line of sec. 19
SE NW 19 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 5610 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 5 1/2" casing to approximately 4100 feet to test productive zones. To cement casing with 200 sacks of regular cement. Rotary total depth 3600.

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 Leonard A. Fowler
 Title Geologist

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R366.5.

LAND OFFICE Utah
LEASE NUMBER Rainbow
UNIT 82

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, 1962.

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

Phone DA 8-0165 Signed [Signature] 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)					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	26	(Lease No. U-0529)		100,000 CFPD			2,600 MCF (Fuel used in drilling Rainbow Unit No. 6)
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 blo decr to wk at EOT. Rec 70' WCM, 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 ex. DST #1: 3826-39. SI 30 min., op 60 min., SI 30 min. Had good blo, decr to weak at EOT. NQTS. Rec 360' SGCW, 90' MCW. FP 50-180, SIP 1882-1750, HHP 2096-2085. DST #2: 4021-36. SI 30 min., op 2 hrs, SI 45 min. Strong blo, GTS 2 min. max gg 554 MCF. Rec 10' G&DCM. FP 38-131, SIP 1997-1926, HHP 2222-2218. DST #3: 5158-83. SI 30 min., op 60 min., SI 30 min. GTS 57 min. TSTM. Rec 45' GCM, FP 25-50, SIP 1104-957, HHP 2895-2870.

Rainbow

NOTE.—There were 1 (188.96 barrels) runs or sales of oil; no 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.

Sec. 19 11S 24E 6
SE SE NW

(Lease No. U-018859) continued
DST #4: 5522-48. SI 30 min., Op 67 min., SI 30 min.
OTS 46 min., gg 3 MCP. Res 30' OGM. FP 20-40,
SIP 710-710, HHP 3134-3134.
DST #5: 5553-84. SI 30 min., op 60 min., SI 30 min.
Had good blo, deer to weak. NOTS. Res 10' drilling
mud. FP 20-20, SIP 235-352, HHP 3086-3086.
Drilled to 5600'. Ran logs
Set 5 1/2" casing at 4125' w/200 sz. Ran McCullough
temp survey & correlation log. Top of cement 3690'.
Set 2-3/8" tubing at 3998.
Perf w/2 per ft from 4026-34. Treated w/500 gal
15% mud acid & 20,000 gal 3% galled acid w/13,000#
sd and 300# walnut hulls. Flushed w/92 bbls water.
Formation broke at 2200#. Treating pressure 2600#
at 28 bbls per minute. Flowed well. Gas gg 1802
MCP w/ali spray wtr thru 2" tbg in 8 hrs. CP 375.
TP 50.
Shut in waiting on back pressure flow test.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Fed. Lease U-018559

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Rainbow Unit

9. WELL NO.

6

10. FIELD AND POOL, OR WILDCAT

Wasatch

11. SEC., T., R., M., OR BLK. AND SURVEY OR ARBA

Sec. 19, T11S, R24E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Diamond Shawrock Corporation

3. ADDRESS OF OPERATOR
Box 631, Amarillo, Texas 79105

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

2104' from north line and 2148' from west line

14. PERMIT NO.

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

5622' KB 5610' Gr.

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.)*

Proposed plugging procedure

Verbal approval was granted to plug the above well by Gerald Daniels with U.S.G.S. in Salt Lake City on August 14, 1972, using the following procedure:

Load hole with gelled mud. Set cast iron bridge plug at 3,900' with 3 sacks in dump bailer on top of plug. Cut 5 1/2" casing at 2,300'. Cement down 5 1/2" with 40 sacks cement at stub of 5 1/2" inside 9 5/8" intermediate casing. Pull 5 1/2" casing and set 15 sacks in top of 9 5/8" with marker. Leave 13 3/8" casing flange with 9 5/8" setting in slips with pack off for water well. Water well to be released to BLM for future used and development. An official release will be forwarded to us for signature.

APPROVED BY DIVISION OF
OIL & GAS CONSERVATION

DATE 8-21-72

BY Alan S. Feig

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

SIGNED

W. W. Selling Swarth

TITLE

Manager of Drilling Oper.

DATE

8-18-72

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Fed. Lease U-018859

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Rainbow Unit

9. WELL NO.

6

10. FIELD AND POOL, OR WILDCAT

Wasatch

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

Sec. 19, T11S, R24E

14. PERMIT NO.

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

5622' KB 5610' Gr.

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input checked="" type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input checked="" type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		

(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.)*

Proposed plugging procedure

Verbal approval was granted to plug the above well by Gerald Daniels with U.S.G.S. in Salt Lake City on August 14, 1972, using the following procedure:

Load hole with gelled mud. Set cast iron bridge plug at 3,900' with 3 sacks in dump bailer on top of plug. Cut 5 1/2" casing at 2,300'. Cement down 5 1/2" with 40 sacks cement at stub of 5 1/2" inside 9 5/8" intermediate casing. Pull 5 1/2" casing and set 15 sacks in top of 9 5/8" with marker. Leave 13 3/8" casing flange with 9 5/8" setting in slips with pack off for water well. Water well to be released to BLM for future used and development. An official release will be forwarded to us for signature.

APPROVED BY DIVISION OF
OIL & GAS CONSERVATION

DATE 8-21-72
BY Clara B. Feight

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

SIGNED

W.A. Hilbig Smith

TITLE

Manager of Drilling Oper.

DATE

8-18-72

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Branch of Oil and Gas Operations
8416 Federal Building
Salt Lake City, Utah 84111

August 24, 1972

Mr. W. W. Killingsworth
Diamond Shamrock Corporation
P. O. Box 631
Amarillo, Texas 79105

Re: Well No. 6 Rainbow Unit
SE $\frac{1}{4}$ NW $\frac{1}{4}$ sec. 19-11S-24E., SLM
Uintah County, Utah
Lease Utah 018859

Dear Mr. Killingsworth:

Enclosed is your copy of the Notice of Intention to Abandon the referenced well which was approved by this office on August 24, 1972, after having granted oral approval on August 14, 1972.

Enclosed are some sample forms of a Water Well Release which we would appreciate your completing and returning to us. I have penciled in certain lease and well data on one of the forms to perhaps save you some time. You may either fill in the blanks on the sample forms or retype the entire release. If you make an entirely new form, we would appreciate your using substantially the same language.

Sincerely,

(ORIG. SGD.) G. R. DANIELS

Gerald R. Daniels,
District Engineer

cc: Div. O&G Cons., State of Utah
BLM, Vernal
Casper

**UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

Federal Lease U-018859

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR
Diamond Shamrock Corporation

8. FARM OR LEASE NAME

Rainbow Unit

3. ADDRESS OF OPERATOR
Box 631, Amarillo, Texas 79105

9. WELL NO.

6

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

10. FIELD AND POOL, OR WILDCAT

Wasatch

2104' from North line and 2148' from West line of Section

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

Sec. 19, T11S, R24E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5622' KB; 5610' Gr.

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
(Other) <input type="checkbox"/>	

(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.)*

PLUGGING PROCEDURE

Loaded hole with 8.4# mud. Set cast iron bridge plug at 3,900' and dumped 2 sacks of cement on top of plug. Cut 5 1/2" casing at 2,200' and cemented with 40 sacks of cement from 2,170' to 2,070'. Recovered 2,150' of 5 1/2" 15.5# casing. Drove wooden plug in top of 9 5/8" casing and cemented top plug with 10 sacks of cement. Set dry hole marker. Completed as plugged and abandoned 8-29-72.

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

SIGNED *JOE Koevill*

TITLE Ass't Mgr. Drill. Oper.

DATE 8-30-72

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 43-2386-1
Approval expires 12-31-62

LAND OFFICE Utah
LEASE NUMBER 3
UNIT Reaming

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 August, 19 62

Agent's address 570 First Security Building Company The Shamrock Oil and Gas Corp.
Salt Lake City 11, Utah

Phone DA 8-0165 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	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) 2.50 22.50	TW KW	619,000 583,000			
Sec. 18 NE SW	11S	24E	2		(Lease No. U-0529)					Junked and abandoned 11-23-61.
Sec. 18 NE SW	11S	24E	2-A		(Lease No. U-0529) 6.25 0	TW KW	0 0			
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-017644-A) 100.00		9,641,000			
Sec. 6 NW SE	11S	24E	5		(Lease No. U-017403)					Flugged and abandoned June 8, 1962
Sec. 19 SE NE NW	11S	24E	6		(Lease No. U-018859)					Completion Report: Washch - completed for a 24-hour stabilized 1-point absolute open flow volume of 1,230 MCF/D. SHP 1960, SHP 1960. SI bottom hole pressure 1960. Complete 7-11-62 Well shut in awaiting pipeline outlet.

NOTE.—There were no runs or sales of oil; 10,843 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.

W

Rainbow - Diamond

sec 19 - 11 S 24 E

6

BLM - Water Well

P & A

9/6/72 - USGS

↳ Via Telephone

Diamond
Shawnee
Rainbow #6

PMB

DIAMOND - SHAMROCK

JIM BONDY

6

SE NW

19

115

24E

U 018859

Rainbow

Utah

Well Name and

Original Depth Rainbow

Depth of Well 1200'

5600'

Stop Work and
Fill up Well

Well Status

Casing Size	Depth	Top of Cement	To Be Done
13 3/8"	225'	surface	
9 5/8"	2315'	Est 1700'	None
5 1/2"	4125'	3682'	from 2300'

CIBP 3900 w/ 2-3 sacks cement.

Cut & pull 5 1/2" @ about 2300

spot 35-40 sx through 5 1/2" at stub.

15 sx at surface inside 9 5/8" w/ marker.

Will leave 13 3/8" casing bowl with valve open
between 9 5/8" & 13 3/8" casing as well may

flow water from annulus from zone 1125'
estimate 15 BPH.

Wasatch 2607

Mesaverde 4430

Notes

1875, lost circulation zone, water zone, etc. Perfed 4020-28

Need water well release from BLM and report to BLM re: well condition.

Paul S

8-14-72

2:30

Copy file

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 Wildcat

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

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. 8 NE NE SW	11S	24E	1		(Lease No. U-017403)					
				31	0	TW	4,307,000			
				31	112.00	KMV	18,456,000			
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)					
				28	12.50	TW	15,722,000			
				28	0	KMV	4,031,000			
Sec. 7 NE SW	11S	24E	3		(Lease No. SI-070535-E) Dry and abandoned January 17, 1962					
Sec. 1 NW SE	11S	23E	4		(Lease No. U-017664-A)					
				30	109.79		22,581,000			
Sec. 6 NW SE	11S	24E	5		(Lease No. U-017403) Plugged and abandoned June 8, 1962					
Sec. 19 SE SE NW	11S	24E	6		(Lease No. U-018859) Well shut in awaiting pipeline outlet.					

NOTE.—There were 1 (386.01 barrels) runs or sales of oil; 65,097 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.

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 October, 1962.

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. 10 SE SE	11S	23E	1		(Lease No. U-0779)					
				24	15.00	TW	4,292,000			
				24	5.00	KMV	2,376,000			
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		(Lease No. U-0778)					
				24	12.19	TW	2,643,000			
				24	36.56	KMV	6,606,000			
Sec. 9 SE NW	11S	23E	4		(Lease No. U-0779)					
				24	35.03		16,941,000			
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		(Lease No. U-0779)					
				22	0		7,133,000			
Sec. 16 SW NE	11S	23E	6		(Lease No. ML-3221)					
				0	0		0			REWORK: Re-entered 10-16-62. Pulled both strings of tubing. Set cast iron bridging plug at 5,120'. Mesaverde zone completed as dry and abandoned 10-17-62. Ran short string of tubing and placed well on pumping operations. Testing.
Sec. 4 NW SW	11S	23E	7		(Lease No. U-0778)					
				22	0		1,687,000			
Sec. 23 SE NE	11S	23E	8		(Lease No. U-0780)					
				24	157.94		22,856,000			

NOTE.—There were 1 (247.50 barrels) runs or sales of oil; 64,554 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.

AMB

Sec. 14 11S 23E 9 (Lease No. U-0779) Well shut in awaiting pipeline outlet.
SE NW

Sec. 22 11S 23E 10 (Lease No. U-0781) Dry and abandoned April 23, 1962
SE NE

Sec. 21 11S 23E 11 (Lease No. U-028921) Well shut in awaiting pipeline outlet.
SE SW NE

877

12.

PMB

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 Rainbow Unit

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field ██████████

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

Agent's address 870 First Security Building Company The Shamrock Oil and Gas Corp.
Salt Lake City 11, Utah Signed R. G. Johnson

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)					
				24	0	TW	3,262,000			
				24	43.76	KMV	6,172,000			
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)					
				24	37.50	TW	20,407,000			
				24	0	KMV	3,878,000			
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	24	(Lease No. U-017664-A)		117.61			23,235,000
Sec. 6 NW SE	11S	24E	5		(Lease No. U-017403)					Plugged and abandoned June 8, 1962.
Sec. 19 SE SE NW	11S	24E	6		(Lease No. U-018859)					Well shut in awaiting pipeline outlet.

NOTE.—There were 1 (133.21 barrels) runs or sales of oil; 56,954 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.



SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

I. DANIEL STEWART
Chairman

CLEON B. FEIGHT
Director

DIVISION OF OIL, GAS, AND MINING

1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

CHARLES R. HENDERSON
JOHN L. BELL
THADIS W. BOX
C. RAY JUVELIN

August 24, 1978

Diamond Shamrock Corporation
Box 631
Amarillo, Texas 79105

Re: Well No. Rainbow Unit #6
Sec. 19, T. 11S, R. 24E,
Uintah County, Utah

Gentlemen:

In the process of updating this Division's Water Well files, it was noted that we have not received any recent status notification on the above mentioned well(s).

In order to keep our records accurate and up-to-date, please complete the enclosed form OGC-1b, and forward them to this office as soon as possible.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Kathy Avila

KATHY AVILA
RECORDS CLERK

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

Record this on Cardex

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. Rainbow
2. NAME OF OPERATOR Diamond Shamrock Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 5730 W. Yellowstone Casper, Wyoming 82601		7. UNIT AGREEMENT NAME Rainbow Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface Sec. 19, T11S, R24E 2104' S/N 2148' E/W		8. FARM OR LEASE NAME Rainbow
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5622' KB	9. WELL NO. 6
		10. FIELD AND POOL, OR WILDCAT Rockhouse
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 19, T11S, R24E
		12. COUNTY OR PARISH Utah
		13. STATE Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Plugged and Abandoned</u>	
(Other) <input type="checkbox"/>		(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.)*
Well was plugged and abandoned 8/9/72.



18. I hereby certify that the foregoing is true and correct
SIGNED Stan Dudley TITLE Dist. Prod. Supt. DATE 9/21/78

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY: