

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 JMB
 Copy NID to Field Office
 Approval Letter
 Disapproval Letter

COMPLETION DATA:

Date Well Completed 5-11-63
 GW..... WW..... TA.....
 GW..... OS..... PA

Location Inspected
 Bond released
 State of Fee Land

LOGS FILED

Driller's Log 5-22-63
 Electric Logs (No.) 2

E-I GR..... GR-N..... Micro.....
 Log..... Mi-L..... Sonic Others.....

Copy H. L. E

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(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. U-046128
Unit Wildcat

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 12, 1963

Pinon-Federal
Well No. 2 is located 1993 ft. from ~~6~~^N line and 737 ft. from ~~6~~^W line of sec. 24
SE SW NW 24 6 S 4 W Uinta Special
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Duchesne Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 7426 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)

Estimated Formation Tops:
Uintah Surface
Green River 1130
 Est. T. D. 5800

Casing Program
9-5/8" 48# casing set @ 200'
Cement to circulate.
5 1/2" 14-15.5# casing set through
all potential producing zones.

To test potential producing horizons in the Green River formation.

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

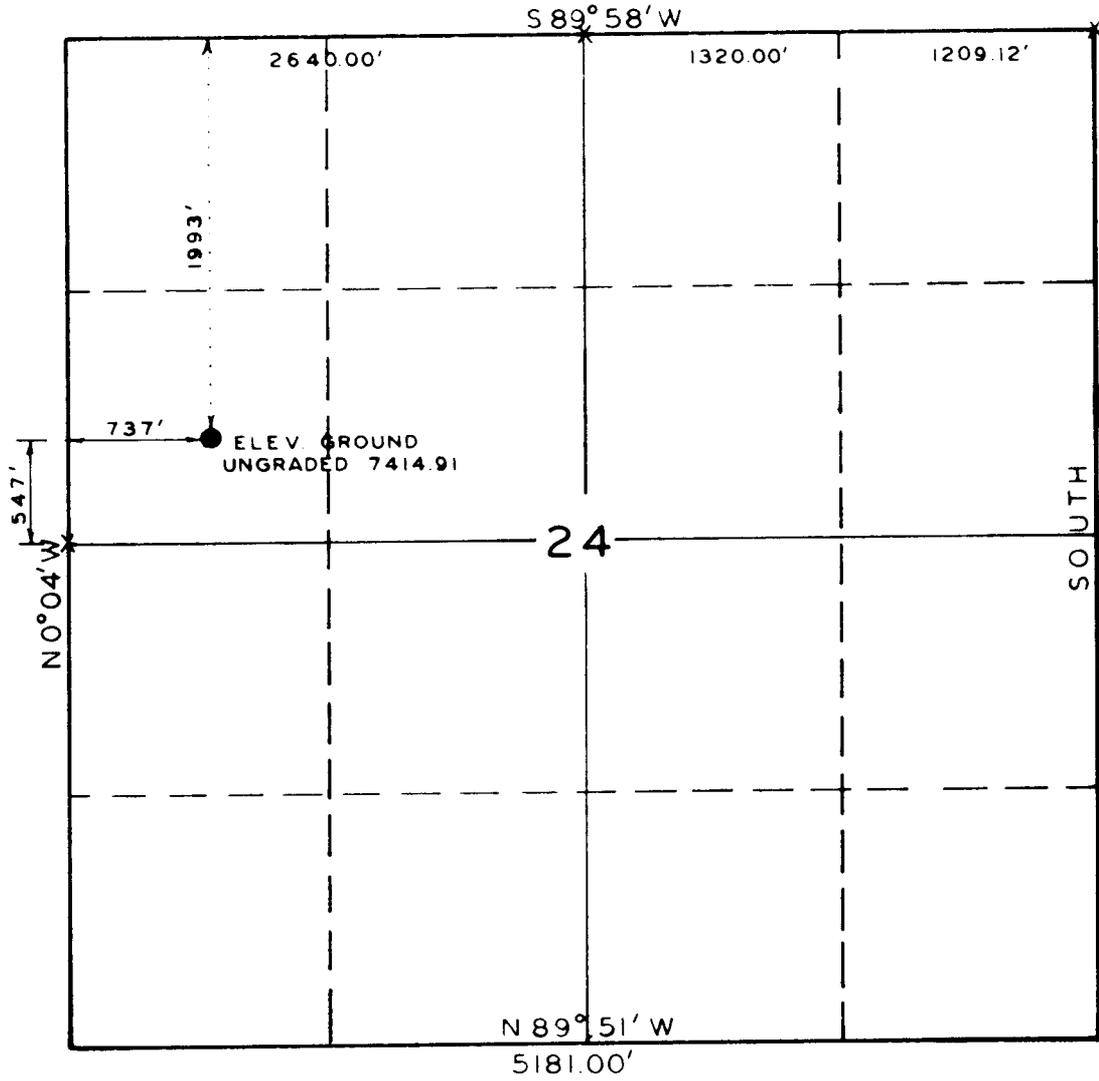
Address 870 First Security Building

Salt Lake City 11, Utah

By Ralph Thomas

Title District Geologist

T 6 S, R 4 W, U.S.M.



X = Corners Located (stone)

Scale: 1" = 1000'

Pelson J. Marshall

By: ROSS CONSTRUCTION CO.
Vernal, Utah

<p>PARTY Gene Stewart L.D. Taylor</p> <p>WEATHER Fair-Mild</p>	<p>SURVEY SHAMROCK OIL & GAS CO. WELL LOC. PINON NO 2, LOCATED AS SHOWN IN THE SW 1/4, NW 1/4, SEC. 24, T 6 S, R 4 W, U.S.M. DUCESNE COUNTY, UTAH.</p>	<p>DATE 4/4/63 REFERENCES GLO Township plat Surveyed 1903 FILE SHAMROCK</p>
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April 12, 1963

Shamrock Oil & Gas Corporation
870 First Security Building
Salt Lake City 11, Utah

Attention: Ralph Thomas, Dist. Geologist

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Pinon-Federal #2, which is to be located 1993 feet from the north line and 737 feet from the west line of Section 24, Township 6 South, Range 4 West, USM, Duchesne County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted.

As soon as you have determined that it will be necessary to plug and abandon the above mentioned well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL, Chief Petroleum Engineer
Office: DA 8-5771 or DA 8-5772
Home: CR 7-2890
Salt Lake City, Utah

This approval terminates within 90 days if the above mentioned well has not been spudded in within said period.

Enclosed please find form OGCC-8-X, which is to be completed if water sands (aquifers) are encountered while drilling, particularly

Shamrock Oil & Gas Corp.

-2-

April 12, 1963

assessable near surface water sands. Your cooperation with respect to completing this form will be greatly appreciated.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT
EXECUTIVE DIRECTOR

CBF:cnp

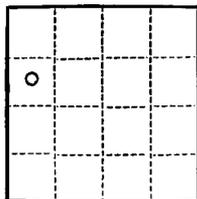
cc: Don Russell, Dist. Eng.,
USGS, Salt Lake City, Utah

H. L. Coonts, Petroleum Eng.
OGCC, Moab, Utah

Encl. (Forms)

Copy H. J. E.

PAID 2



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. U-048128
Unit Wildcat

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
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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</u>	
	<u>surface casing</u>	<u>X</u>

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

April 22, 1963

Pinon-Federal

Well No. 2 is located 1993 ft. from N line and 737 ft. from W line of sec. 24

SW NW 24
(1/4 Sec. and Sec. No.)

6 S
(Twp.)

4 W
(Range)

Uinta Special
(Meridian)

Wildcat
(Field)

Duchesne
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is 7426 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)

Ran 226.82 feet of 9-5/8" OD casing. Set casing at 225 feet.
Cemented with 220 sacks regular cement with 2% NA-5 added.
Cement circulated. ✓

✓ Well spudded 4-18-63.

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

Company The Shinarump Oil and Gas Corporation

Address 870 First Security Building

Salt Lake City 11, Utah

By Ralph Homer

Title District Geologist

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER 048128
UNIT Wildcat

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Duchesne Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of April, 1963.

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. 24 SW NW	6S	4W	2		Spud 4-18-63. DST #1: 3445-54. SI 30". Wk blo on init flow, had no blo re-opened. HH 1646-1646. Drilling at 3,924'.		Set 9-5/8" casing at 225' 30" pre-flow, SI 30", Rec 10' SOCM, FP 20-20, SIP			w/220 sx. op 30", when tool was 960-1253,

NOTE.—There were no 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.



THE SHAMROCK OIL AND GAS CORPORATION

FIRST NATIONAL BANK BUILDING

BOX 631 - AMARILLO, TEXAS

Salt Lake City, Utah

May 3, 1963

Reply to:
Intermountain Exploration District
First Security Bldg. Room 870
Salt Lake City 11, Utah

Utah Oil and Gas Conservation Commission
310 Newhouse Building
Salt Lake City, Utah

Gentlemen:

Will you please hold confidential the information sent
you on our Pinon No. 2 Well located in Section 24, Township
6 South, Range 4 West, Uinta Special Meridian, Duchesne
County, Utah.

Very truly yours,

Ralph Thomas
District Geologist

RT:ls

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(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. U-048128
Unit Wildcat

SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	<input checked="" type="checkbox"/>		

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

..... May 11, 1963

Pinon

Well No. 2 is located 1993 ft. from N line and 737 ft. from W line of sec. 24

SW 1/4 24
(1/4 Sec. and Sec. No.)

6 S
(Twp.)

A W
(Range)

Uinta Special
(Meridian)

Wildcat
(Field)

Duchesne
(County or Subdivision)

Utah
(State or Territory)

The elevation of the derrick floor above sea level is 7426 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: 30 sacks @ 4130-4180
30 sacks @ 1110-1160
30 sacks @ 183-250
10 sacks @ surface

Drilling mud to be between all plugs.

Total depth 5768'.

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 Thoman

Title District Geologist

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(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Utah
Lease No. U-048128
Unit Wildcat

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
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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 14, 1963

Pinon
Well No. 2 is located 1993 ft. from N line and 737 ft. from W line of sec. 24
SW 24 S W Uinta Special
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Duchesne Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 7426 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 5768'.
Plugs: 30 sacks @ 4130-4180
30 sacks @ 1110-1160
30 sacks @ 183-250
10 sacks @ surface
Drilling mud between all plugs.
Plugged and abandoned May 11, 1963.

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

May 14, 1963

MEMO FOR FILING:

Re: Shamrock Oil & Gas Corporation
Pinon-Federal #2
Sec. 24, T. 6 S, R. 4 W., (USM)
Duchesne County, Utah

On May 11, 1963, Mr. Ralph Thompson of Shamrock Oil & Gas Corporation called for instructions regarding the plugging of the above mentioned well. The Green River was topped at 1132' and the Wasatch at 5740'. The operator discontinued drilling at 5769'. The Green River was drill stem tested and insignificant shows of oil were encountered. The following plugging program was determined to be sufficient:

Set 30 sacks of cement at 4180'-1132'
Set 30 sacks of cement at 1132'
Set 30 sacks of cement at the base of surface casing (225' half in and half out)

Location will be cleaned and the rat hole filled and an appropriate marker will be installed. The plugging program is in agreement with the U. S. Geological Survey.

PAUL W. BURCHELL
CHIEF PETROLEUM ENGINEER

PWB:kgw

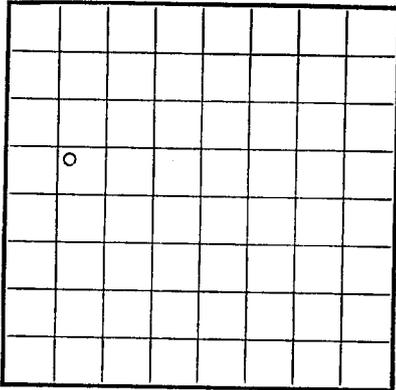
EW
WID
file
C/A

57
APR 26
file

Form 9-330

Form approved.
Budget Bureau No. 42-R355.4

U. S. LAND OFFICE Utah
SERIAL NUMBER U-048128
LEASE OR PERMIT TO PROSPECT Wildcat



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 Building, Salt Lake City
Lessor or Tract Pinon Field Wildcat State Utah
Well No. 2 Sec. 24 T. 6S R. 4W Meridian Uinta Special County Duchesne
Location 1993 ft. S. of N. Line and 737 ft. E. of W. Line of Section 24 Elevation 7425
(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. Bell

Date May 21, 1963 Title Geologist

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

Commenced drilling April 18, 1963 Finished drilling May 11, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None 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—	
9-5/8				220'					Surface

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	225'	220			

MARK

FOLD

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from 0 feet to 5768 feet, and from _____ feet to _____ feet

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

DATES

_____, 19____ Put to producing Oil _____ 5-11-____, 1963

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

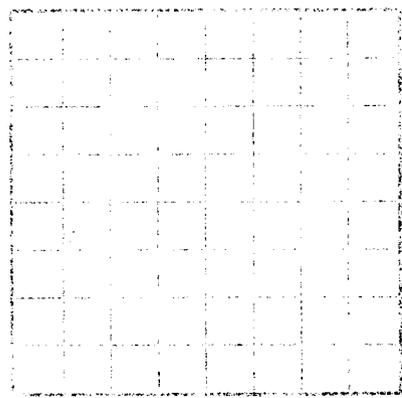
FROM—	TO—	TOTAL FEET	FORMATION
0	1132	1132	sd, sh, lime (Uinta)
1132	2700	1568	oil shale (Green River)
2700	3310	610	lime and shale
3310	5550	2240	sand and shale
5550	5740	190	black shale
5740	5768	28	red and green shale (Wasatch)
			LOG TOPS
			Green River 1132
			Wasatch 5740

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.

Spud 4-18-63 Drilled 12 1/4" to 225' in Set 9-5/8" casing at 225' w/220 sx.
 DST #1: 3445-54. 30 min. pre-flow, shut in 30 min. op 30 min., shut in 30 min.
 Wk blo on init flow, had no blo when tool was re-opened. Rec 10' SOCM, FP
 20-20, SIP 960-1253, HH 1646-1646.
 DST #2: 4030-56. 15 min. pre-flow, shut in 30 min., op 2 hrs., shut in 60
 min. Fair blo thruout test. Rec 50' Ø M, 150' MCW. FP 0-21, SIP 860-839,
 HH 1940-1940.
 DST #3: 4755-4814, 15" pre-flow, had wk blo died in 9 min. Shut in 30 min.,
 op 60 min., Shut in 30 min. No blo for 50 min., lost 20' mud. Had very
 wk blo for last 10 min. Rec 25' mud w/scum of oil. FP 21-21, SIP 168-84,
 HH 2354-2354.
 DST #4: 4948-69. 15 min. pre-flow, shut in 30 min., op 60 min., shut in 60
 min. Had very wk blo that died in 50 min., rec 50' mud no sho. FP 21-21,
 SIP 650-84, HH 2500-2500.
 Drilled to 5768'. Ran logs.
 Completion report: Plugged and abandoned. Comp 5-11-63.

TOPOGRAPHIC MAPS OF THE UNITED STATES
 GEOLOGICAL SURVEY
 DEPARTMENT OF THE INTERIOR
 WASHINGTON, D. C.



TOP OF OIL OR GAS WELL

GEOLOGICAL SURVEY

DEPARTMENT OF THE INTERIOR

UNITED STATES

NAME OF WELL TO BE LOCATED
 COUNTY AND STATE
 SECTION AND RANGE

DATE OF SURVEY
 BY

11

12

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Utah
LEASE NUMBER 048128
UNIT Wildcat *Pinon Fed.*

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Duchesne Field Wildcat

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 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. 24 SW NW	6S	4W	2		DST #2: 4030-56. 15" pre-flow, SI 30", op 2', SI 60", Fair blo thruout test. Rec 50' \emptyset mud, 150' MCW. FP 0-21, SIP 860-839, HH 1940-1940. DST #3: 4755-4814. 15" pre-flow, had wk blo died in 9". SI 30", op 60", SI 30". No blo for 50", lost 20' mud. Had very wk blo for last 10". Rec 25' mud w/scum of oil. FP 21-21, SIP 168-84, HH 2354-2354. DST #4: 4948-69. 15" pre-flow, SI 30", op 60", SI 60". Had very wk blo that died in 50", rec 50' mud, no sho. FP 21-21, SIP 650-84, HH 2500-2500. Drilled to 5768. Ran logs. Comp 5-11-63 D&A					

NOTE.—There were no 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.