

FILE NOTATIONS

Entered in NID File

✓

Checked by Chief

PWB

Entered On S R Sheet

Copy NID to Field Office

He

Location Map Pinned

✓

Approval Letter

Card Indexed

✓

Disapproval Letter

IWR for State or Fee Land

COMPLETION DATA:

Date Well Completed 6-30-65

Location Inspected

OW _____ WW _____ TA _____

Bond released

GW _____ OS _____ PA ✓

State of Fee Land

LOGS FILED

Driller's Log 7-15-65

Electric Logs (No.) 2

E _____ I _____ E-I ✓ GR _____ GR-N _____ Micro _____

Lat _____ Mi-L _____ Sonic GA ✓ Others _____

Subsequent Report of [Signature]

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 The Shamrock Oil and Gas Corporation

3. ADDRESS OF OPERATOR
 370 First Security Building, Salt Lake City, Utah

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 2,103' from the south line
 At proposed prod. zone 504' from the east line
 NE NE SE

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH
 6200

20. ROTARY OR CABLE TOOLS
 Rotary tools

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 not available

22. APPROX. DATE WORK WILL START*

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
	8-5/8"		200' ✓	Cement to circulate ✓
	5 1/2"	14-15.5#	thru all potential producing zones.	

Estimated Formation Tops:
 Uinta surface ✓
 Green River 2150 ✓
 Estimated total depth 6200 ✓

To test potential producing zones in the Green River formation. ✓

We plan to use air as a circulating medium. ✓

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] TITLE District Geologist DATE June 2, 1965

(This space for Federal or State office use)

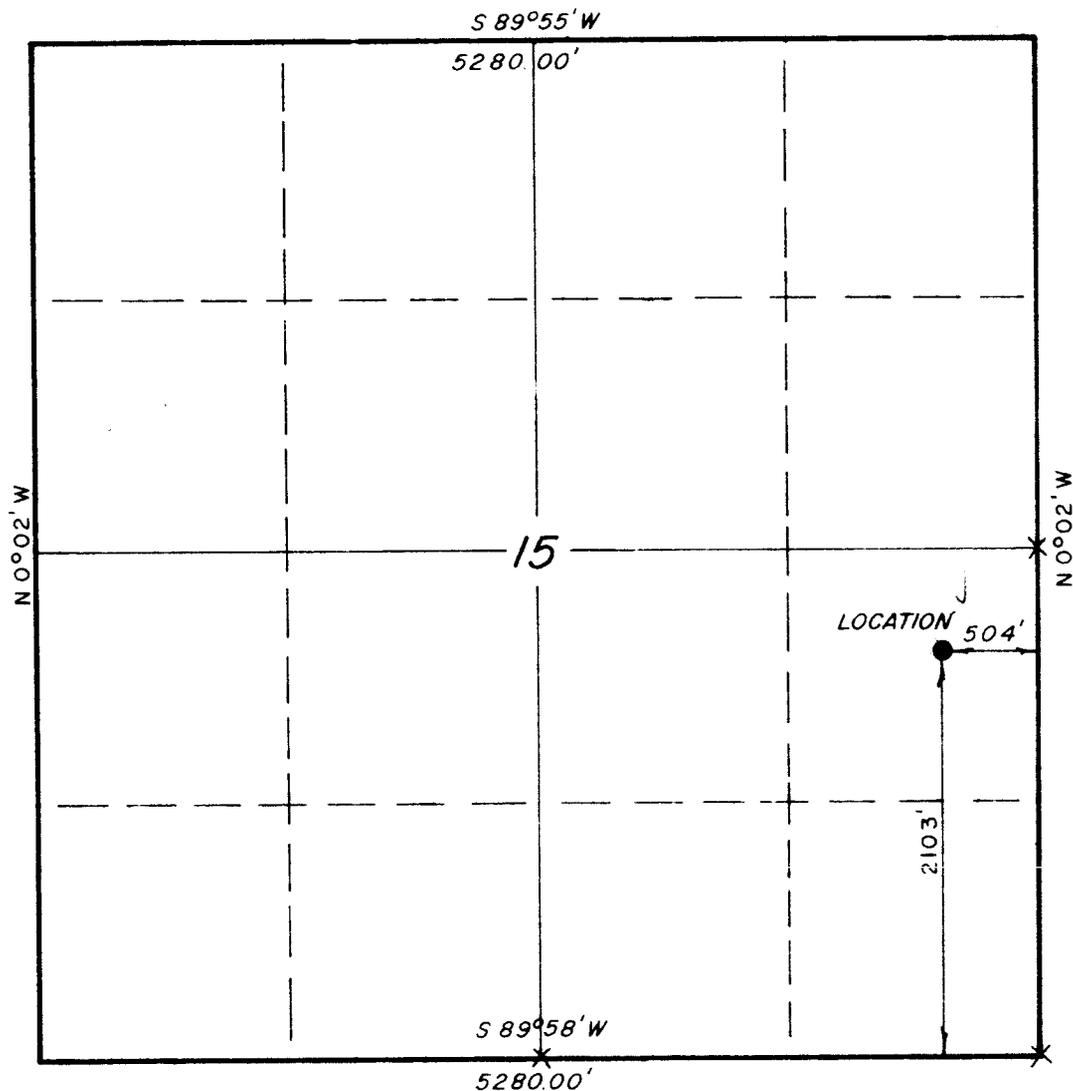
PERMIT NO. _____ APPROVAL DATE _____

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

T8S, R23E, SLB&M

PROJECT

SHAMROCK OIL & GAS CORP WELL LOCATION
AS SHOWN IN THE NE1/4-SE1/4, SEC.15, T8S,
R23E, SLB&M, UINTAH COUNTY, UTAH.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED
FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER
MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT
TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Gene Stewart L. Taylor

REGISTERED LAND SURVEYOR
REGISTRATION NO 2454

X = Corners Located (brass caps)

Uintah Engineering & Land Surveying BOX 330 VERNAL, UTAH	SCALE 1" = 1000'	DATE 30 April, 1965
	PARTY Gene Stewart L. Taylor	REFERENCES GLO Township Plat
	WEATHER Fair - Warm	FILE SHAMROCK

June 4, 1965

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

Attention: Mr. Ralph Thomas, District Geologist

Re: Notice of Intention to Drill Well No.
WOLF FEDERAL #1, 2103' FSL & 504' FEL,
NE NE SE of Sec. 15, T. 8 S., R. 23 E.,
SLBM, Uintah County, Utah.

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well is granted.

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

PAUL W. BURCHELL, Chief Petroleum Engineer
Home: 277-2890 - Salt Lake City, Utah

HARVEY L. COONTS, Petroleum Engineer
Home: 487-1113 - Salt Lake City, Utah

Office: 328-5771 - 328-5772 - 328-5773

This approval terminates within 90 days if this well has not been spudded within said period.

Enclosed please find Form OGCC-8-X, which is to be completed if water sands (aquifers) are encountered while drilling, particularly assessable near surface water sands. Your cooperation with respect to completing this form will be greatly appreciated.

Incidentally, in checking your Notice of Intention to Drill we note that you intend to use J-55 grade of casing for your intermediate pipe. It is re-

June 4, 1965

commended that a grade of not less than J-55 be used for your surface pipe. It should be seamless and new or new equivalent casing. In setting the pipe, an oil well cement should be used and circulated to surface. It is further recommended that after waiting on the cement, the blowout preventer be tested with clear water at a minimum pressure of 1200 psi for at least 15 minutes.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE DIRECTOR

CBF:kgw

cc: Mr. Rodney Smith, District Engineer
U. S. Geological Survey,
Salt Lake City, Utah

Enclosure - Forms

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

LAND OFFICE 0143236
LEASE NUMBER _____
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Wildeat

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, 1965,

Agent's address Box 11608 Company The Shamrock Oil and Gas Corp.
Salt Lake City, Utah 84111

Phone 328-0165 Signed _____
Agent's title District Geologist

SEC. AND ¼ OF ¼	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. 15 NE SE	8S	23E	1 Wolf Federal		Spud 6-6-65. TD 5350' DST #1: 3906-38 (straddle test) Op 30 min., SI 30 min., op 30 min., SI 30 min. Had few bubbles and died on preflow. Reopened and died. Bypassed tool in 15 min. Had few bubbles and died. Recovered 20' mud. Flow pressures 29-43, shut-in pressures 72-87 hydrostatic head 1924-1924 Comp 6-30-65 D&A ✓		Set 8-5/8" casing		at 260'	with 200 sx.

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.

Handwritten initials and a large 'A' in the top left corner.

Handwritten initials 'HK' and 'PMB' in the top right corner.

PLUGGING PROGRAM FORM

Name of Company Shamrock Oil Co. Verbal Approval Given To: Geoff Thomas

Well Name: Wolf Leased #1 Sec. 15 T. 8 R. 23 County: Wintake

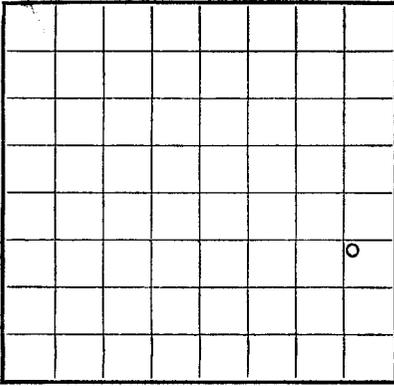
Verbal Approval was given to plug the above mentioned well in the following manner:

- 30 sacks cement plug 3865' - 3970'
- 30 " " " 1940 - 2045'
- 30 " " " across 8 7/8" surface casing 225' - 275'
- 10 sack plug at surface

to Green River 2036'

Date Verbally Approved: 6-30-65 Signed: Charles H. Cook

U. S. LAND OFFICE Utah 0143286 SERIAL NUMBER LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company The Shamrock Oil and Gas Corporation Address Box 11608, Salt Lake City, Utah Lessor or Tract Wolf Federal Field Wildcat State Utah Well No. 1 Sec. 15 T. 8S R. 23E Meridian Salt Lake County Uintah Location 2103 ft. of S Line and 504 ft. of E Line of Section 15 Elevation 5337

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Edwin B. Isbell

Date July 12, 1965 Title Geologist

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

Commenced drilling June 6, 1965 Finished drilling June 29, 1965

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 REPORT ALL INDICATIONS OF FRESH WATER

No. 1, from to No. 3, from to No. 2, from to No. 4, from to

CASING RECORD

Table with columns: Size casing, Weight per foot, Threads per inch, Make, Amount, Kind of shoe, Cut and pulled from, Perforated (From-To), Purpose. Includes handwritten entry for 8-5/8" casing.

MUDDING AND CEMENTING RECORD

Table with columns: Size casing, Where set, Number sacks of cement, Method used, Mud gravity, Amount of mud used. Includes handwritten entry for 8-5/8" casing at 260'.

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set Adapters—Material Size

SHOOTING RECORD

FOLD MARK

MUDDING AND CEMENTING RECORD

FOLD MARK

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	260'	200 sx			

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
 Adapters—Material _____ Size _____

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from 0 feet to 5350 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 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	2035	2035	Red-gn sh & sd
2035	3460	1425	dolo sh
3460	4230	770	sd & sh
4230	5350	1120	sh & sd

LOG TOPS

TGR 2036
 Wasatch 5246

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
348 EAST SOUTH TEMPLE
SUITE 301
SALT LAKE CITY, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: Wolf Federal No. 1

Operator The Shamrock Oil and Gas Corporation Address Salt Lake City, Utah Phone 328-0165

Contractor Miracle and Wooster Address Vernal, Utah Phone 789-2661

Location NE 1/4 SE 1/4 Sec. 15 T. 8 N. R. 23 E Uintah County, Utah.
S W

Water Sands:

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1. 3465	3505	30-50 BPH	Salty
2.			
3.			
4.			
5.			

(Continued on reverse side if necessary)

Formation Tops: TGR 2036
TW 5246

Remarks: No wtr analysis. Drilled w/air-mist and soap.

- NOTE:
- (a) Upon diminishing supply of forms, please inform the Commission.
 - (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See back of form).
 - (c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

July 15, 1965

**The Shamrock Oil & Gas Corporation
Box 11608
Salt Lake City, Utah**

Attention: Mr. Edwin B. Isbell, Geologist

**Re: Well No. Wolf Federal #1
Sec. 15, T. 8 S., R. 23 E.,
Uintah County, Utah**

Gentlemen:

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

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

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

KATHY G. WARNER
RECORDS CLERK

kgw

Enclosure

September 22, 1965

The Shamrock Oil & Gas Corporation
Box 11608
Salt Lake City, Utah

Attention: Mr. Edwin B. Isbell, Geologist

Re: Well No. Wolf Federal #1,
Sec. 15, T. 8 S., R. 23 E.,
Uintah County, Utah.

Gentlemen:

Reference is made to our letter of July 15, 1965, with regard to Form OGCC-8 X being filed with this office for the above mentioned well.

As of this date, we still have not received this information. Your prompt attention to this matter will be very much appreciated.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

SHARON C. HUNT
RECORDS CLERK

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