

UTAH DIVISION OF OIL AND GAS CONSERVATION

REMARKS: WELL LOG \_\_\_\_\_ ELECTRIC LOGS \_\_\_\_\_ FILE  WATER SANDS \_\_\_\_\_ LOCATION INSPECTED \_\_\_\_\_ SUB. REPORT / 6bd. \_\_\_\_\_

*Location Abandoned, Well Not To Be Drilled*

DATE FILED 5-24-77

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. U-33967 INDIAN

DRILLING APPROVED: 5-23-77

SPUDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION: 5682' GR

DATE ABANDONED: LA 6-1-79

FIELD: Wildcat 3/86

UNIT:

COUNTY: Emery

WELL NO. Bush #2

API NO: 43-015-30051

LOCATION 3100' FT. FROM (N) ~~XX~~ LINE. 2415' FT. FROM (E) ~~XX~~ LINE SW NE 7 1/4 - 1/4 SEC. 23

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				19S	10E	23	WILLIAM G. BUSH

6-1-79- Location Abandoned; well  
never drilled.

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 \_\_\_\_\_

COMPLETION DATA:

Date Well Completed \_\_\_\_\_  
OW..... WW..... TA.....  
GW..... OS..... PA.....

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

LOGS FILED

Driller's Log \_\_\_\_\_

Electric Logs (No. ) \_\_\_\_\_

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

LWP  
4.3.5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.  
**U-33967**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
**U.S.A.**

9. WELL NO.  
**Bush # 2**

10. FIELD AND POOL, OR WILDCAT  
**Wildcat**

11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA  
**Sec. 23 - Township 19 South Range 10 East.**

12. COUNTY OR PARISH 13. STATE  
**Emery Utah**



1a. TYPE OF WORK  
 DRILL  DEEPEN  PLUG BACK

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

2. NAME OF OPERATOR  
**William G. Bush**

3. ADDRESS OF OPERATOR  
**619 Viewpoint Drive - Grand Junction, Colorado 81501**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
**3100.24 feet from North line & 2415.41 from East line.**  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**12 miles East of Castle Dale, Utah**

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drilg. unit line, if any)  
**2415 ft.**

16. NO. OF ACRES IN LEASE  
**2560**

17. NO. OF ACRES ASSIGNED TO THIS WELL  
**40**

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. **None on lease.**

19. PROPOSED DEPTH  
**1650 feet.**

20. ROTARY OR CABLE TOOLS  
**Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**5682 Ground**

22. APPROX. DATE WORK WILL START\*  
**May 25, 1977**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10"	85/8"	28#	93 ft.	30 sacks

I propose to drill a Moenkopi test to approximately 1650 feet using air for circulation. Hole size will be 6 1/4" and if the well encounters commercial production, I will run a string of 4 1/2" casing.  
 I will use a Shaffer blow out preventor.

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 William G. Bush TITLE Operator DATE 5/11/77

(This space for Federal or State office use)  
 PERMIT NO. 43-015-50051 APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

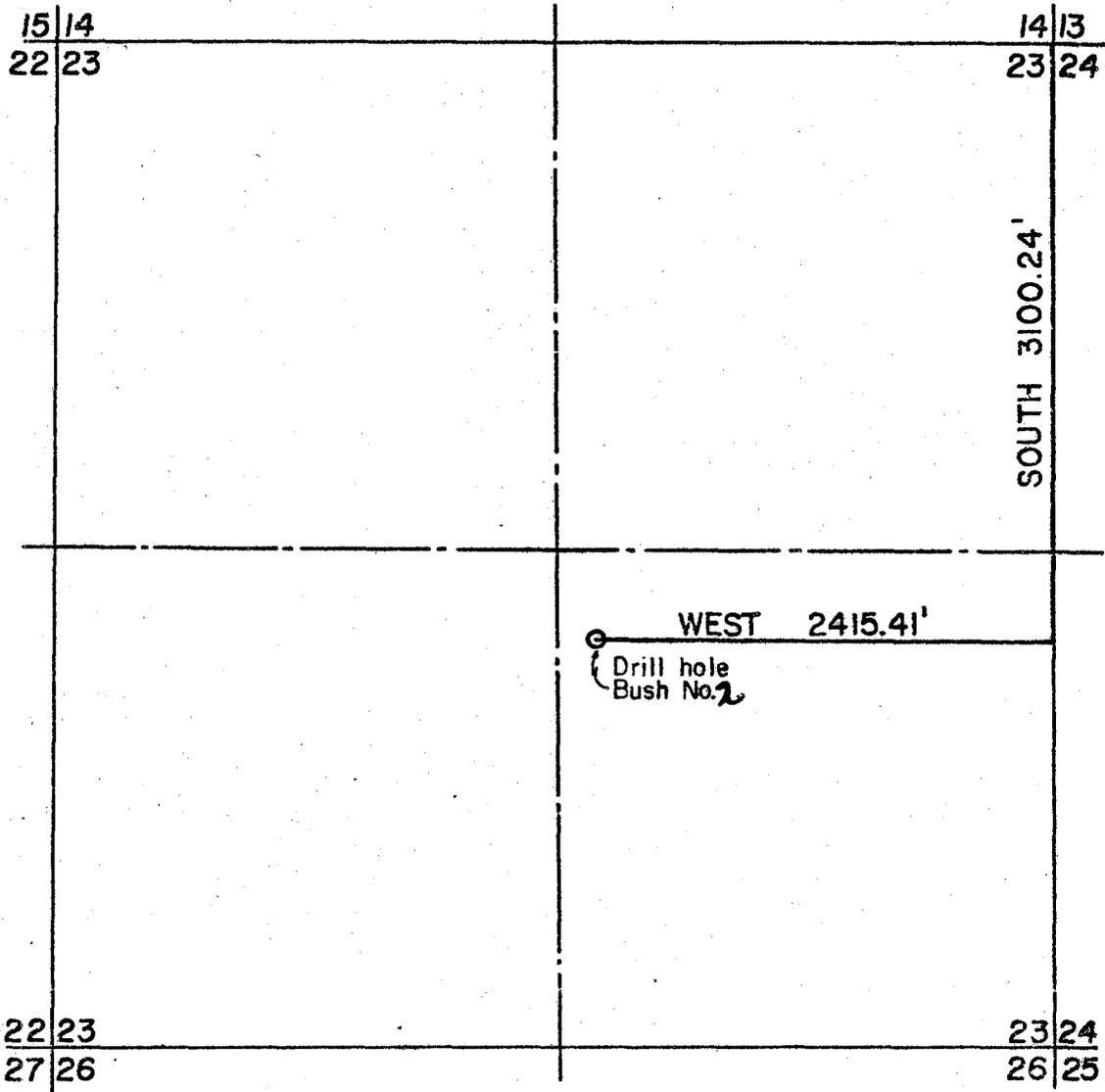
PROPERTY DESCRIPTION:

BUSH No. 2

Located at a point 3100.24 feet South  
and 2415.41 feet West of the NE corner  
of Section 23, T. 19 S., R. 10 E., SLB&M.

CERTIFICATE

*Craig E. Johansen*  
CRAIG E. JOHANSEN  
REGISTERED SURVEYOR,  
HOLDING CERTIFICATE NO. 3826, DO HEREBY CERTIFY THAT  
THE PLAT SHOWN HEREON HAS BEEN PREPARED FROM A  
FIELD SURVEY MADE UNDER MY DIRECTION AND CORRECTLY  
SHOWS THE DIMENSIONS AND MONUMENTS OF THE PROP-  
ERTY DESCRIBED TO THE BEST OF MY KNOWLEDGE AND  
BELIEF. FURTHERMORE, ENCROACHMENTS OF FENCES AND  
IMPROVEMENTS ARE SHOWN WITH THE FOLLOWING EX-  
CEPTIONS: *none*



SECTION	TOWNSHIP	RANGE	CRAIG E. JOHANSEN REGISTERED LAND SURVEYOR JOHANSEN & TUTTLE ENGR. INC. CASTLE DALE, UTAH	SURVEY FOR
23	19 S	10 E		
DATE	SCALE	BLOCK		
1-77	1"=1000'			
PLAT	SURVEY			

Mr. Edgar W. Guynn  
U.S. Geological Survey  
8440 Federal Building  
Salt Lake City, Utah

Subject Matter:  
Service Use Plan  
Drilling - Bush # 2

Dear Mr. Guynn;

I wish to submit the following answers to questions regarding the drilling and use of the surface in the subject area.

- Item 1: I have submitted a plan showing the well location together with all roads and drainage in the area, no other roads are contemplated.
- Item 2: The existing road is a graded dirt road and any trails I make from the existing road to the well site will be in the form of trails and it will not be necessary to use road graders or tractors.
- Item 3: The location of the well in relation to the other roads is delineated on the plat that was submitted with the notice of intent to drill.
- Item 4: Lateral roads are not necessary.
- Item 5: I plan to install a temporary small tank at this well for testing purposes. In the event the well is commercial, I plan to install a tank battery adjacent to the well.
- Item 6: The well will be air drilled but I will need two small mud pits for cementing purposes.
- Item 7: Waste in the form of trash will be hauled away and the cuttings will be placed in the pits and leveled with the ground and smoothed out.
- Item 8: There will be no camp neither permanent or temporary.
- Item 9: There will be no air strip built.
- Item 10: The well will be drilled by a truck mounted portable drill rig which is fully contained in one unit. I will not need any tractors for dirt work to make the drill site as the truck can be leveled on reasonable slopes.
- Item 11: The drill site area is generally flat, main drainage is dipping to the South. I plan to haul water from the San Rafael River which is about ten miles South of the drill site. The surface soil is sandy with very little vegetation. Some cattle are using the area to the East of the drill site.
- Item 12: I plan to be at the well site while the drilling operation is in progress. I can be reached at the well or at 619 Viewpoint Drive - Grand Junction, Colorado - 303-243-0493. Mr. Charles Robinson, an employee of mine could be reached at Cortez, Colorado - Phone # 303-565-9191.
- Item 13: This will be a shallow well, probably not deeper than 1500 feet & drilled by a truck mounted drill rig so there will not be any major disturbance of the surface terrain in order to accomplish the drilling. However, ~~XXX~~ if any surface disturbance is created I will restore it to the satisfaction of the U.S. Geological Survey.

Certification: I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Frontier Drilling, Inc. and its contractors and subcontractors in conformity with this plan and terms and conditions under which it is approved.

May 11, 1977

William E. Bush - Owner  
Name and Title

May 11, 1977

Mr. Edgar W. Guynn  
U.S. Geological Survey  
8440 Federal Bldg.  
Salt Lake City, Utah

Bush # 2

Dear Mr. Guynn;

I wish to submit the following answers to questions regarding the drilling of the well.

- Item 1: The Carmel formation is at the surface.
- Item 2: The Moenkopi formation should be topped at 1470 feet.
- Item 3: I estimate that there should be a show of oil @ 1470 feet near the top of the Moenkopi formation. This is my prime objective.
- Item 4: I will set 85/8" surface casing and drill down to test the Moenkopi, if commercial production is found, I will set 4½" casing.
- Item 5: I will use a Shaffer blow out preventor. I will test the preventor daily. There will not be any high pressures encountered in the Moenkopi formation.
- Item 6: I will drill the well with air to total depth.
- Item 7: I will use a bottom hole float sub valve above the rock bit. I do not plan to use a gas analysis monitor.
- Item 8: I plan to core the top of the Moenkopi formation and run an induction log.
- Item 9: I do not anticipate encountering any abnormal pressures or temperatures. Hydrogen sulfide will not be encountered.
- Item 10: I would like to start the well as soon as possible (May 25th.) It should take approximately two weeks to drill and complete the well.

Yours truly,

William G. Bush

FLAT

10

11

12

(BOB HILL KNOLL  
3862 11 NW

Buckhorn

10 MILES TO  
CASTLEDALE, UTAH

Red  
Knoll

5615  
Well

15

14

13

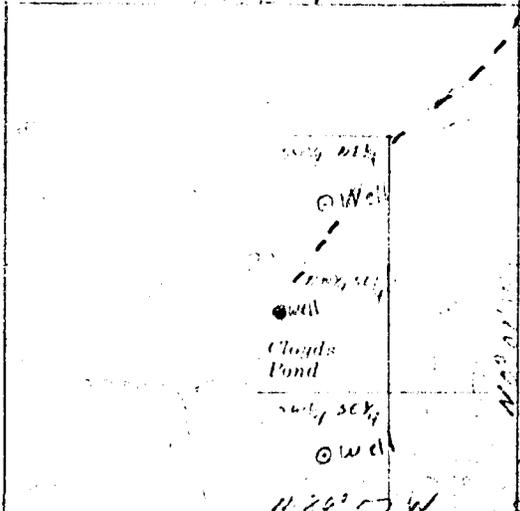
29 MILES TO  
U.S. 6 X 50

Wash

Drought Relief  
Res

10'

4335



4334

24

4333

25

4332

HILLS

WEDGE

Wedge  
Pool No 1

4331 NW

119° 15'

February 11, 1977

State Of Utah  
Department Of Natural Resources  
Division Of Oil, Gas & Mining  
Salt Lake City, Utah

Dear Mr. Feight;

I request an exception to rule C-3 based on substantial geological findings.

A core hole has been drilled and there has been significant indications from the core hole that a well drilled in the proposed location will encounter commercial quantities of oil and gas.

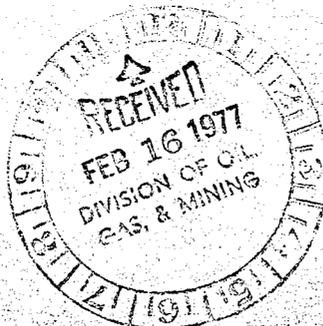
I hope that you will approve the Bush # 1 well site.

Yours very truly,



William G. Bush

WGB/cs



DUPLICATE COPIES OF WELL HISTORY INFORMATION

STATE OF UTAH  
DIVISION OF OIL, GAS, AND MINING

\*\* FILE NOTATIONS \*\*

Date: May 13  
Operator: William G. Bush  
Well No: Bush #2  
Location: Sec. 23 T. 19S R. 10E County: Cedar

File Prepared  API No 11  
Entered on N.I.D.   
Card Indexed  Completion Sheet

CHECKED BY:

Administrative Assistant Sal

Remarks: No other well in area  
#1 P & A, New Well only 50' from #2  
Petroleum Engineer PLD (K.O.)

Remarks:  
Director 7

Remarks:  
Basin is geological as #1 was

*See reason  
for irregular  
topography an  
reason appears  
not to be warranted*  
P

INCLUDE WITHIN APPROVAL LETTER:

Bond Required  Survey Plat Required

Order No.  Surface Casing Change   
to \_\_\_\_\_

Rule C-3(c), Topographic exception/company owns or controls acreage  
within a 660' radius of proposed site

O.K. Rule C-3  O.K. In \_\_\_\_\_ Unit

Other:

*\*Noted in  
approval that  
"Application" for geological  
exception will not be approved without detail.*

Letter Written/Approved

May 23, 1977

William G. Bush  
619 Viewpoint Drive  
Grand Junction, Colorado 81501

Re: Well No. Bush #2  
Sec. 23, T. 19 S, R. 10 E,  
Emery County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with Rule C-3(c), geological exception, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PATRICK L. DRISCOLL - Chief Petroleum Engineer  
HOME: 582-7247  
OFFICE: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

The API number assigned to this well is 43-015-30051.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT  
Director

cc: U.S. Geological Survey

PLEASE NOTIFY THIS DIVISION WITHIN 24 HRS. OF SPUDDING

August 4, 1978

William G. Bush  
619 Viewpoint Drive  
Grand Junction, Colorado 81501

Re: Well No. Bush #2  
Sec. 23, T. 19S, R. 10E  
Emery County, Utah  
May 1977-june 1978

Gentlement

Our records indicate that you have not filed a Monthly Report of Operations for the months indicated above on the subject well.

Rule D-22, General Rules and Regulations and Rules of Practice and Procedures, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1b, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Yours very truly,

DIVISION OF OIL, GAS, & MINING

Tammy Edge  
Typist



SCOTT M. MATHESON  
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
Executive Director,  
NATURAL RESOURCES

STATE OF UTAH

CHARLES R. HENDERSON  
Chairman

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

JOHN L. BELL  
C. RAY JUVELIN  
THADIS W. BOX  
CONSTANCE K. LUNDBERG  
EDWARD T. BECK  
E. STEELE McINTYRE

CLEON B. FEIGHT  
Director

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

May 25, 1979

William G. Bush  
619 Viewpoint Drive  
Grand Junction, Colorado 81501

Re: Well No. Bush #2  
Sec. 23, T. 19S, R. 10E,  
Emery County, Utah

Gentlemen:

In reference to above mentioned well, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill this well, please notify this Division. If spudding or any other activity has taken place, please send necessary forms.

Until these reports are filed with this Division, there will be no more approval of applications.

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

cc: U.S.G.S.-Salt Lake City, Utah

*Location Abandoned 6-1-79*