

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

Capansky Fee
5. Lease Designation and Serial No.

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
 William G. Bush

7. Unit Agreement Name
 Capansky Fee

8. Farm or Lease Name
 Capansky Fee

9. Well No.
 Bush 14-2

3. Address of Operator
 619 Viewpoint Drive Grand Junction, CO 81506

4. Location of Well (Report location clearly and in accordance with any State requirements.)*
 At surface 614' / West Line & 527' / North Line
 At proposed prod. zone NW 1/4 NW 1/4

10. Field and Pool, or Wildcat
 UNDESIGNATED

11. Sec., T., R., M., or Blk. and Survey or Area
 Sec. 14 T 18 S - R 24 E

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MAR 12 1986

14. Distance in miles and direction from nearest town or post office*
 Ten Miles North of Harley Dome, Utah.

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)
 614 ft.

16. No. of acres in lease
 160

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.
 2500 ft.

19. Proposed depth
 1800 ft.

20. Rotary or cable tools
 Rotary

21. Elevations (Show whether DF, RT, GR, etc.)
 4918' GR.

22. Approx. date work will start*
 March 20, 1986

DIVISION OF OIL, GAS & MINING

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
10"	7"	23#	110 ft.	35

I propose to drill a fractured shale (Mancos Shale) test, the total depth will be 1800 feet. I will set 110 feet of 7" surface casing and cement it with 35 sacks of cement. (Circulate to surface.) A Shafer B.O.P. will be installed. Hole size will be 6 1/4" and if oil is found in the fractured section, production casing will be set. The well will be spudded in the Mancos Shale & will not penetrate the Dakota Sandstone. The well will be air drilled and water will be needed for cementing only. Water will be hauled from Loma, Colorado.

Bonds are on file with your office.

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

DATE: 3-20-86
 BY: *John R. Dyer*
 WELL SPACING: *Case 194-1*
 8/27/81

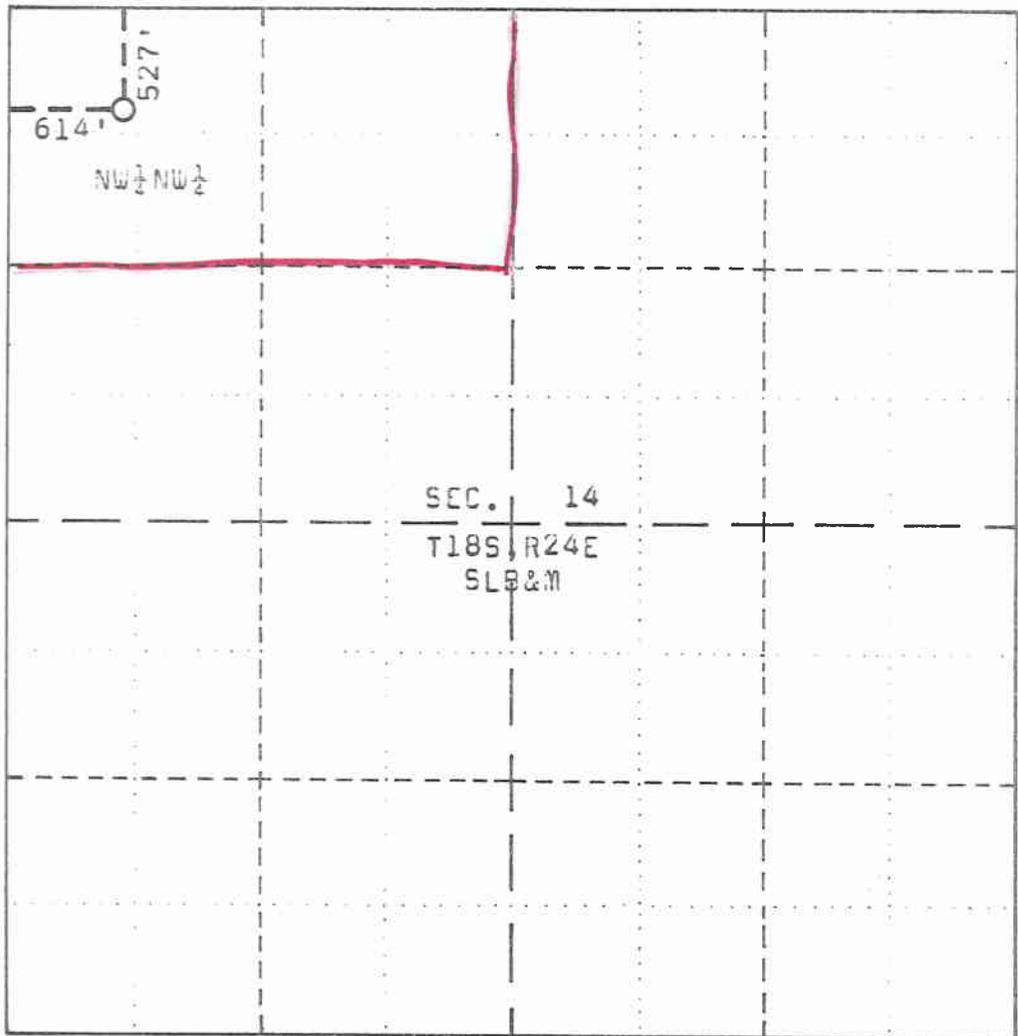
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer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

24. Signed *William G. Bush* Title Operator Date 3/8/86

(This space for Federal or State office use)
 Permit No. 43-019-31222 Approval Date

Approved by _____ Title _____ Date _____
 Conditions of approval, if any:

This lease covers the N 1/2 of NW 1/4 of section 14 and the S 1/2 of SW 1/4 of section 11. Bonds are on file 160 acres



SCALE: 1" = 1000'

WILLIAM G. BUSH #14-2

Located South 527 feet from the North boundary and East 614 feet from the West boundary of Section 14, T18S, R24E, SLB&M.

Elev. 4918

Grand County, Utah



SURVEYOR'S 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

UdeLL S. Williams
UTAH R.L.S. NO. 2573



UDELL S. WILLIAMS

751 Rood Avenue
GRAND JUNCTION, COLORADO 81501

PLAT OF
PROPOSED LOCATION

WILLIAM G. BUSH #14-2
NW 1/2 NW 1/2 SECTION 14
T18S, R24E, SLB&M

SURVEYED BY: USW DATE: 3/10/81
DRAWN BY: USW DATE: 3/10/81

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
DRILLING LOCATION ASSESSMENT

OPERATOR William G. Bush WELL NAME Bush 14-2
LOCATION: COUNTY Grand SECTION 14 T 18S R 24E
QTR/QTR NW/NW 614 FWL & 527 FWL
SURFACE OWNERSHIP Capansky-Fee MINERAL LEASE # Capansky-Fee

ASSESSMENT PARTICIPANTS: DATE 03 / 17 / 86

<u>William G. Bush</u>	<u>Operator</u>
<u>Chuck Robinson</u>	<u>Drilling Supervisor</u>
<u>Steve Cowley</u>	<u>Pumper</u>
<u>William Moore</u>	<u>DOGMI</u>

I. REGIONAL SETTING/TOPOGRAPHY

South Bookcliff desert,
Hilly-low erosional remnants of Bookcliffs cut by gullies and streams.

II. LAND USE

A. Current Surface Use:

Open desert range land.

B. Proposed Surface Disturbance:

approx. 1/4 acre or less of land will be cleared next to an existing
road to the south.

C. Affected Floodplains and/or Wetlands:

location is approx. 300 yd's up the road from Westwater creek,
a tributary to the Colorado River

III. ENVIRONMENTAL PARAMETERS

A. Geology:

1. Surface Formation -

Mancos shale, fine grained (clays & silts), grey to grey brown in color,
weathered to immature soils

2. Stability -

This formation is known to be unstable for steep slopes and
highly erodable.

B. Soils:

1. Soil Characteristics -

sandy silty clay with few sandy pebbles, grey to grey brown,
Group (ML)

2. Erosion/Sedimentation -

Highly erodable, area is easily cut by gullies where water
channels

C. Water Resources:

Gully alongside road to south. (~ 50')
creek is 300 yards to east.

D. Flora/Fauna:

sagebrush, grasses, cacti

E. Cultural Resources/Archeology:

NA

F. Adequacy of Restoration Plans:

None

IV. RESERVE PIT

A. Characteristics:

clays and silts that have a tendency to erode class (MK)
pit lining value of (6)

B. Lining:

Relative value (6) is satisfactory
No lining is required.

V. OTHER OBSERVATIONS

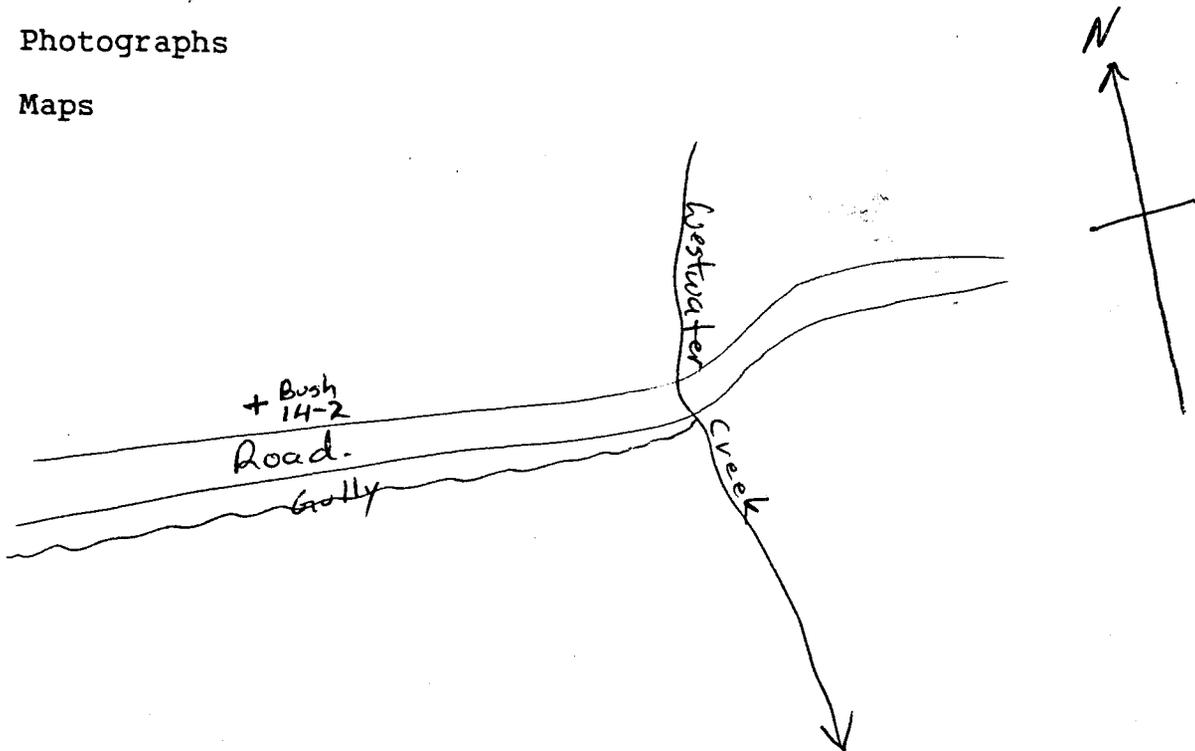
will need erosion control procedures, i.e. berm site and use
straw bales at critical points

VI. STIPULATIONS FOR APD APPROVAL:

- 1- Spud notification to the Division within 24 hrs.
- 2- Prompt notification is necessary to plug
- 3- Notify 48 hrs in advance of plugging operations
- 4- expires 1 yr from date of issuance.

VII. ATTACHMENTS

- A. Sketch of Drill Site
- B. Photographs
- C. Maps



OPERATOR William G. Bush DATE 3-13-86

WELL NAME Bush 14-2

SEC NW NW 14 T 185 R 24E COUNTY Grand

43 019- 31222
API NUMBER

Fee
TYPE OF LEASE

CHECK OFF:

PLAT

x R.I.

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

Case 194-1
Water Rights from Lons, Co.

APPROVAL LETTER:

SPACING:

203

UNIT

302

194-1 8/27/81
CAUSE NO. & DATE

302.1

STIPULATIONS:

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
DRILLING LOCATION ASSESSMENT

MICROFICHE

OPERATOR William G. Bush WELL NAME Bush 14-2
LOCATION: COUNTY Grand SECTION 14 T 18S R 24E
QTR/QTR NW NW 614 FWL & 527 FWL
SURFACE OWNERSHIP Capansky-Fee MINERAL LEASE # Capansky-Fee

ASSESSMENT PARTICIPANTS: DATE 03 / 17 / 86

<u>William G. Bush</u>	<u>Operator</u>
<u>Chuck Robinson</u>	<u>Drilling Supervisor</u>
<u>Steve Cowley</u>	<u>Pumper</u>
<u>William Moore</u>	<u>DOG M</u>

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II. LAND USE

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location is approx. 300 yd's up the road from Westwater creek,
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Mancos shale, fine grained (clays & silts), grey to grey brown in color,
weathered to immature soils.

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This formation is known to be unstable for steep slopes and
highly erodable.

B. Soils:

1. Soil Characteristics -

sandy silty clay with few sandy pebbles, grey to grey brown,
Group (ML)

2. Erosion/Sedimentation -

Highly erodable, area is easily cut by gullies where water
channels

C. Water Resources:

Gully alongside road to south (w 50')
creek is 300 yards to east.

D. Flora/Fauna:

sagebrush, grasses, cacti

E. Cultural Resources/Archeology:

NA

F. Adequacy of Restoration Plans:

None

IV. RESERVE PIT

A. Characteristics:

clays and silts that have a tendency to erode class (MK)
pit lining value 55 (6)

B. Lining:

Relative value (6) is satisfactory
No lining is required.

V. OTHER OBSERVATIONS

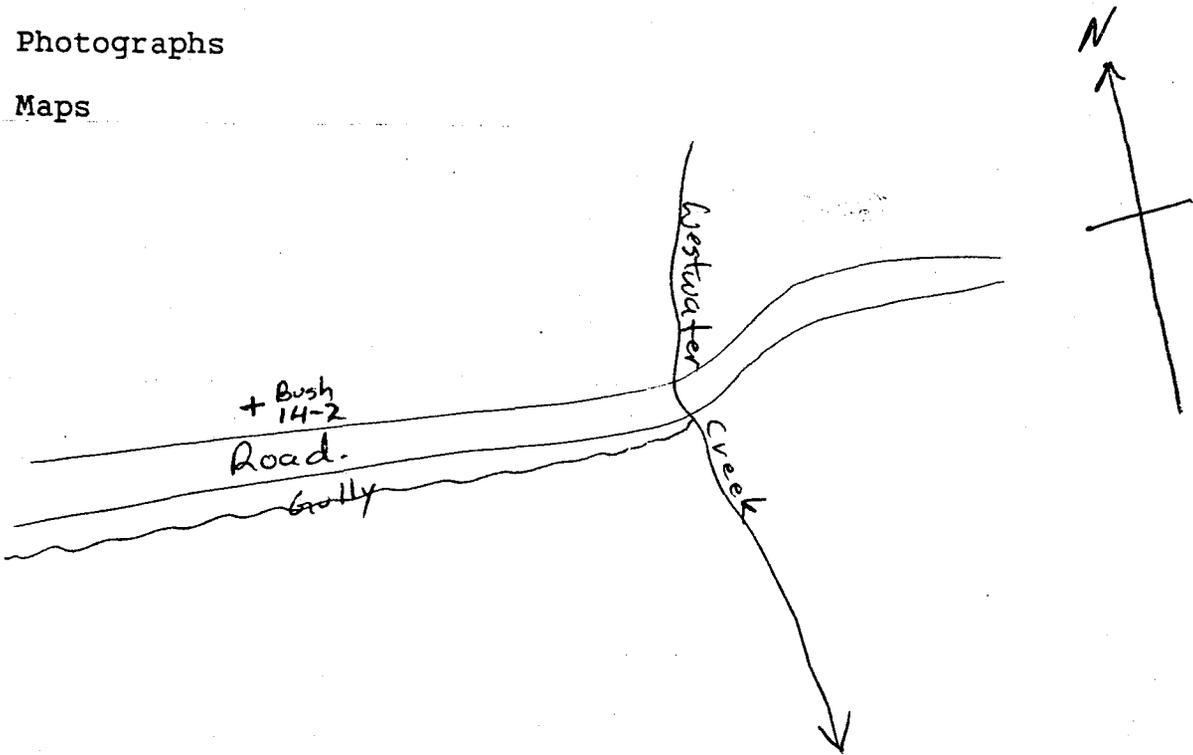
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VII. ATTACHMENTS

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- B. Photographs
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STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianné R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

March 20, 1986

William G. Bush
619 Viewpoint Drive
Grand Junction, Colorado 81506

Gentlemen:

Re: Well No. Bush 14-2 - NW NW Sec. 14, T. 18S, R. 24E
527' FNL, 614' FWL - Grand County, Utah

Approval to drill the referenced well is hereby granted in accordance with the Order of Cause No. 194-1 dated August 27, 1981.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule 311.3, Associated Gas Flaring, Oil and Gas Conservation General Rules.
5. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at each drill site shall be submitted to the local health department having jurisdiction. Any such drilling operations and any subsequent well operations must be conducted in accordance with applicable State and local health department regulations. A list of all local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 533-6163.

Page 2
William G. Bush
Well No. Bush 14-2
March 20, 1986

6. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-019-31222.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

as
Enclosures
cc: D. R. Nielson

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

API #43-019-31222

NAME OF COMPANY: WILLIAM G BUSH

WELL NAME: BUSH 14-2

SECTION NW NW 14 TOWNSHIP 18S RANGE 24E COUNTY Grand

DRILLING CONTRACTOR Frontier

RIG # 6

SPUDED: DATE 3-23-86

TIME 12:00 Noon

HOW Rotary

DRILLING WILL COMMENCE _____

REPORTED BY Bill Bush

TELEPHONE # (303) 243-0493

DATE 3-24-86 SIGNED AS

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

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

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 type="checkbox"/> OTHER Dry Hole		5. LEASE DESIGNATION AND SERIAL NO. Capansky Fee
2. NAME OF OPERATOR William G. Bush		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 619 Viewpoint Drive Grand Junction, Colorado 81506		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 614' / West Line & 527' / North Line NW $\frac{1}{4}$ NW $\frac{1}{4}$		8. FARM OR LEASE NAME Capansky
14. PERMIT NO. 43-019-31222		9. WELL NO. Bush 14-2
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4918' Gr.		10. FIELD AND POOL, OR WILDCAT Undesignated
		11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA T 18 S - R 24 E Sec. 14
		12. COUNTY OR PARISH Grand 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) <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.)*

I plugged the well by setting a plug from 1500 to 1700 feet with 40 sacks of cement. I set a plug from 100 to 200 ft. with 20 sacks of cement. I set a 5 sack plug at surface and welded dry hole plate to surface casing. Location was cleaned and leveled.

Abandonment & plugging program was given by John Baza to me by phone on March 25, 1986.

RECEIVED
AUG 20 1986

DIVISION OF
OIL, GAS & MINING

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

SIGNED William G. Bush TITLE Operator DATE 3/28/86

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 8-29-86
BY: Original Signed by John R. Baza

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

090203

4

Form approved.
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

Capansky Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Capansky

9. WELL NO.

Bush 14-2

10. FIELD AND POOL, OR WILDCAT

Undesignated

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

Sec. 14
T 18 S - R 24 E

12. COUNTY OR PARISH

Grand

13. STATE

Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR

William G. Bush

3. ADDRESS OF OPERATOR

619 Viewpoint Drive Grand Junction, Co. 81506

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 614' West Line & 527' North Line
NW $\frac{1}{4}$ NW $\frac{1}{4}$

At top prod. interval reported below

At total depth

14. PERMIT NO. 43-019-31222 DATE ISSUED 3/20/86

15. DATE SPUNDED 3/23/86 16. DATE T.D. REACHED 3/25/86 17. DATE COMPL. (Ready to prod.) PA 3-28-86 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 4918' Gr. 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 1700 feet TD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN None 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7"	23#	167 ft.	10"	35	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number of perforations)		ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	

RECEIVED
AUG 26 1986

DIVISION OF OIL, GAS & MINING PRODUCTION

33.* DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, self-potential, etc.)—size and type of pump WELL STATUS (Producing or shut-in)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED William G. Bush TITLE Operator DATE 3/28/86

860905 CP

*(See Instructions and Spaces for Additional Data on Reverse Side)



STATE OF UTAH
 NATURAL RESOURCES
 Oil, Gas & Mining

Norman H. Bangerter, Governor
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 Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

August 12, 1986

RECEIVED
 AUG 26 1986

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

**DIVISION OF
 OIL, GAS & MINING**

Gentlemen:

Re: Well No. Bush #14-2 - Sec. 14, T. 18S, R. 24E
Grand County, Utah - API #43-019-31222

Rule 312 of the Oil and Gas Conservation General Rules requires that Form DOGM-3 "Well Completion or Recompletion Report and Log", along with copies of logs and tests run, be filed with this office not later than 90 days after well completion and/or plugging procedure.

Please complete and return the enclosed Form DOGM-3 or the equivalent federal form including copies of logs and tests which may have been run on the referenced well to the address listed below, at your earliest convenience, but not later than August 28, 1986.

Utah Division of Oil, Gas, and Mining
 Attention: Suspense File - Norm Stout
 355 West North Temple
 3 Triad Center, Suite 350
 Salt Lake City, Utah 84180-1203

Respectfully,

Norman C. Stout
 Records Manager

ts
 cc: Dianne R. Nielson
 Ronald J. Firth
 John R. Baza
 Well File
 Suspense File
 0448S/13

*Norman - Sorry about this
 delay - they were in the
 well file & I thought
 they had been mailed.
 Bice*



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
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355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

August 12, 1986

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Grand Junction, Colorado 81501

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Attention: Suspense File - Norm Stout
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Respectfully,

A handwritten signature in cursive script, appearing to read "Norm".

Norman C. Stout
Records Manager

ts

cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
Well File
Suspense File

0448S/13