

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS WELL LOG ELECTRIC LOGS FILE **X** WATER SANDS LOCATION INSPECTED SUB REPORT abd

**+ March 17, 1986 Application rescinded**

DATE FILED **10-10-84**

LAND FEE & PATENTED **X** STATE LEASE NO PUBLIC LEASE NO INDIAN

DRILLING APPROVED **11-6-84 - OIL (Cause No. 140-12)**

SPOUDED IN

COMPLETED PUT TO PRODUCING

INITIAL PRODUCTION

GRAVITY API

GOR

PRODUCING ZONES

TOTAL DEPTH

WELL ELEVATION

DATE ABANDONED **3-17-86 OIA Application Rescinded**

FIELD **BLUEBELL 3/4**

UNIT

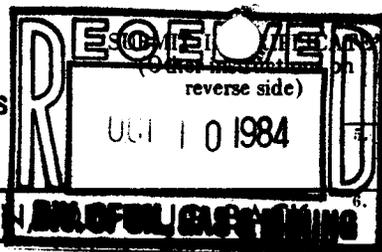
COUNTY **DUCHESNE**

WELL NO **BADGER-LAWSON #2-21A1** API **#43-013-31020**

LOCATION **1325' FNL** FT. FROM (N) (S) LINE. **1525' FWL** FT. FROM (E) (W) LINE **SE NW** 4 - 1 4 SEC **21**

TWP	RGE	SEC	OPERATOR	TWP	RGE	SEC	OPERATOR
<b>1S</b>	<b>1W</b>	<b>21</b>	<b>BADGER OIL CORP.</b>				

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



6

5. Lease Designation and Serial No.  
Fee  
6. If Indian, Allottee or Tribe Name

APPLICATION FOR PERMIT TO DRILL, DEEPEN

1a. Type of Work  
DRILL  DEEPEN  PLUG BACK

7. Unit Agreement Name

b. Type of Well  
Oil Well  Gas Well  Other   
Single Zone  Multiple Zone

8. Farm or Lease Name

2. Name of Operator  
Badger Oil Corporation

Badger-Lawson

3. Address of Operator  
c/o ADS Operating, Inc., 123 W. 1st, Suite 830-27, Casper, Wy. 82601

9. Well No.  
2-21A1

4. Location of Well (Report location clearly and in accordance with any State requirements.)  
At surface 1325' FNL SE 1/4, NW 1/4  
1525' FWL  
At proposed prod. zone Same

10. Field and Pool, or Wildcat  
Altamont *Blackell*

11. Sec., T., R., M., or Blk. and Survey or Area  
Sec 2 T1S-R1W USM

14. Distance in miles and direction from nearest town or post office\*  
Approx. 8 miles N. Of Roosevelt, Utah

12. County or Parrish 13. State  
Duchesne, Utah

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drig. line, if any)  
1325' FNL

16. No. of acres in lease  
640

17. No. of acres assigned to this well  
640

18. Distance from proposed location\* to nearest well, drilling, completed, or applied for, on this lease, ft.  
2400' ±

19. Proposed depth  
14,500' *Wanted*

20. Rotary or cable tools  
Rotary

21. Elevations (Show whether DF, RT, GR, etc.)  
5417' Ungraded Ground

22. Approx. date work will start\*  
November 15, 1984

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
30"	20"		40'	150 CF (to surface)
12-1/4"	9-5/8"	36#	3,000'	600 CF (to surface)
8-3/4"	7"	26,29,32#	12,000'	750 CF
6"	5"	18#	11,000-14,500'	750 CF

This well is proposed as a test well for the lower Green River-Watsatch formation per Order 140-12. Operator will adhere to the rules as set forth in Order 140-12.

The well is to be drilled to total depth using fresh water and fresh gel mud weighted with barite, as required. Operator will use 10" - 5000 #psi BOP System and will operationally check system daily.

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: *10/8/84*  
BY: *[Signature]*

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. *[Signature]* ADS Operating, Inc.  
Title Agent for Badger Oil Corp. Date 10/8/84

(This space for Federal or State office use)

Permit No. .... Approval Date .....

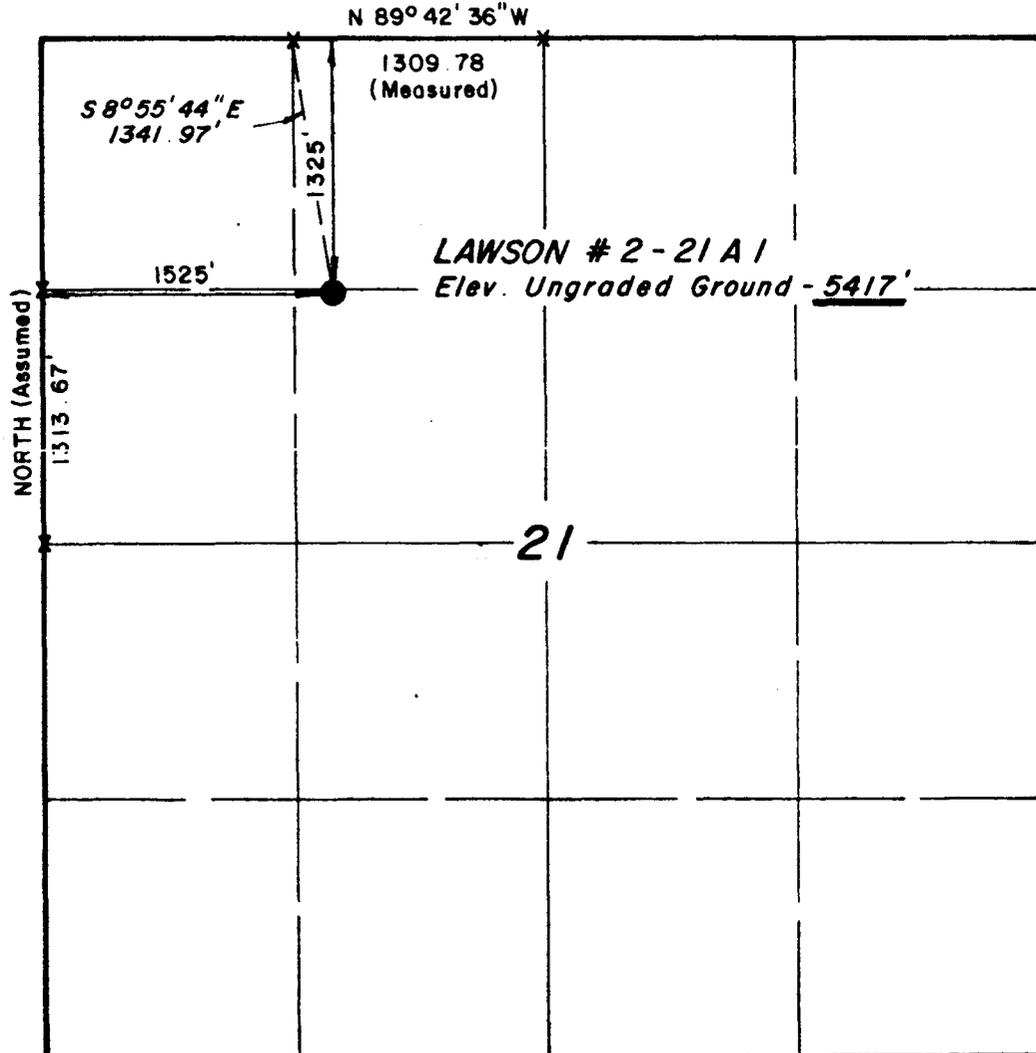
Approved by ..... Title ..... Date .....

Conditions of approval, if any:

TIS, RIW, U.S.B. & M.

PROJECT  
BADGER OIL CORP.

Well location, BADGER # 2  
LAWSON 2-21A1, located as  
shown in the SE 1/4 NW 1/4 Section  
21, TIS, RIW, U.S.B. & M. Duchesne  
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.

*Nelson Marshall*

REGISTERED LAND SURVEYOR  
REGISTRATION NO 2454  
STATE OF UTAH

X = Section Corners Located

UINTAH ENGINEERING & LAND SURVEYING  
P.O. BOX Q - 85 SOUTH - 200 EAST  
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 10 / 7 / 84
PARTY D.B. D.M.      BFW	REFERENCES ASSUMED
WEATHER Fair	FILE BADGER OIL

APPLICATION FOR PERMIT TO DRILL  
 BADGER-LAWSON 2-21A1  
 SE $\frac{1}{4}$ NW $\frac{1}{4}$  Section 21-T1S-R1W  
 Duchesne County, Utah

1. OPERATOR:  
 Badger Oil Corporation  
 P. O. Box 52745  
 LaFayette, LA 70505
2. OPERATOR'S UTAH AGENT:  
 CT Corporation  
 175 S. Main  
 Salt Lake City, UT
3. DRILLING CONSULTANT AND LOCAL CONTACT:  
 Applied Drilling Services, Inc.  
 Route 2, Box 18S  
 Roosevelt, UT 84066  
 (801) 722-5087  
 Attn: Cary Smith
4. OPERATOR'S BOND:  
 Continental Casualty Company  
 1982 - #7972555
5. LOCATION OF PROPOSED WELL:  
 Section 21 - Township 1 South, Range 1 West  
 Duchesne County, Utah  
 SE $\frac{1}{4}$ NW $\frac{1}{4}$   
 8 miles north Roosevelt, Utah
6. PROPOSED OBJECTIVE:  
 14,500' Wasatch Test
7. ELEVATION:  
 5417' Ungraded Ground
8. MUD PROGRAM:  
 Low Solids Non-Dispersed
9. BOP DESIGN:

<u>Size</u>	<u>Series</u>	<u>Number</u>
10"	5000#	Double
10"	5000#	Annular
10. CASING PROGRAM:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight/Foot</u>	<u>Setting Depth</u>	<u>Cement</u>
30"	20"		40'	150 CF
12-1/4"	9-5/8"	36#	3,000'	600 CF
8-3/4"	7"	26,29,32#	12,000'	750 CF
6"	5"	28#	11,000-14,500'	750 CF

11. PROJECTED TOPS:  
Green River - 6,719'  
Wasatch - Undetermined
  
12. SURFACE OWNER:  
Quivington N. and Lucilla N. Lawson  
Surface damages are being negotiated and will be settled  
with the surface owners.
  
13. LOGS:  
All logs will be furnished within prescribed time limits.  
Planned log suite include DIL, SFL, FDC, CNL and Caliper.
  
14. PROPOSED SPUD DATE:  
November 15, 1984

OPERATOR Badger Oil Corp. DATE 10-12-84

WELL NAME Badger - Lawson #2-21A1

SEC SE NW 21 T 15 R 1W COUNTY Duckworth

43-013-31020  
API NUMBER

Fee  
TYPE OF LEASE

POSTING CHECK OFF:

<input type="checkbox"/>	INDEX	<input type="checkbox"/>	HL	<input type="checkbox"/>
<input type="checkbox"/>	NID	<input type="checkbox"/>	PI	<input type="checkbox"/>
<input type="checkbox"/>	MAP	<input type="checkbox"/>		<input type="checkbox"/>

PROCESSING COMMENTS:

Test well (Orig well - Bow Valley - NE/SEW 1546' SL, 1516' WL)  
Need water permit  
Exception location submitted received 11/5/84 OK.

APPROVAL LETTER:

SPACING:  A-3 \_\_\_\_\_ UNIT  c-3-a 140-12 8/27/81  
 CAUSE NO. & DATE

c-3-b  c-3-c

SPECIAL LANGUAGE:

1. Water  
2. Test well  
3. Designation of Operator - Bow Valley

RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER \_\_\_\_\_

UNIT \_\_\_\_\_

c-3-b

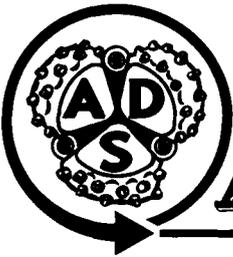
c-3-c

CHECK DISTANCE TO NEAREST WELL.

CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.



# APPLIED DRILLING SERVICES, INC.

## DRILLING AND DRILLING FLUID CONSULTANTS

Rt. 2 Box 18-S  
Roosevelt, Utah 84066  
801-722-5087

American Bank Center  
123 West First Suite 830-27  
Casper, Wyoming 82601  
307-266-1814

November 2, 1984

John Baza  
State of Utah  
Division of Oil, Gas and Mining  
4241 State Office Building  
Salt Lake City, UT 84114

RE: Badger Oil Corporation  
Badger Lawson 2-21A1 Well

Dear John:

As per our conversation today regarding the above referenced well, we request spacing into the SE $\frac{1}{4}$ , NW $\frac{1}{4}$  for topographical reasons. General NE $\frac{1}{4}$  interior and exterior 40's are steep hillsides and county road (please refer to enclosed map).

Please let us know if you have any questions or need additional information.

Thank you for your time and help with this matter.

Sincerely,

D. Cary Smith  
Agent: Badger Oil Corporation

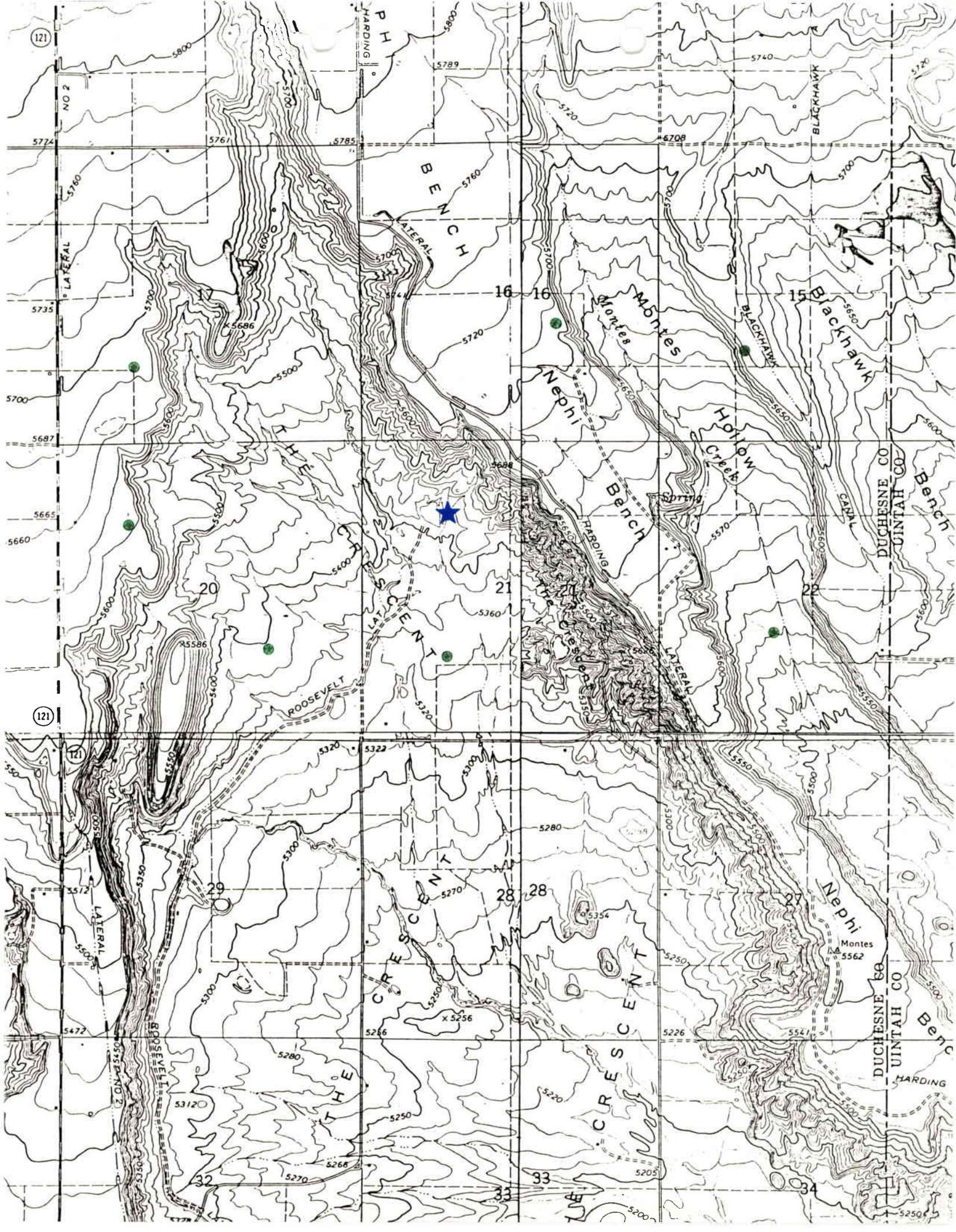
JRG:DCS:bsp

cc: Badger Oil - James Collier  
ADS Operating - Bob Veronda

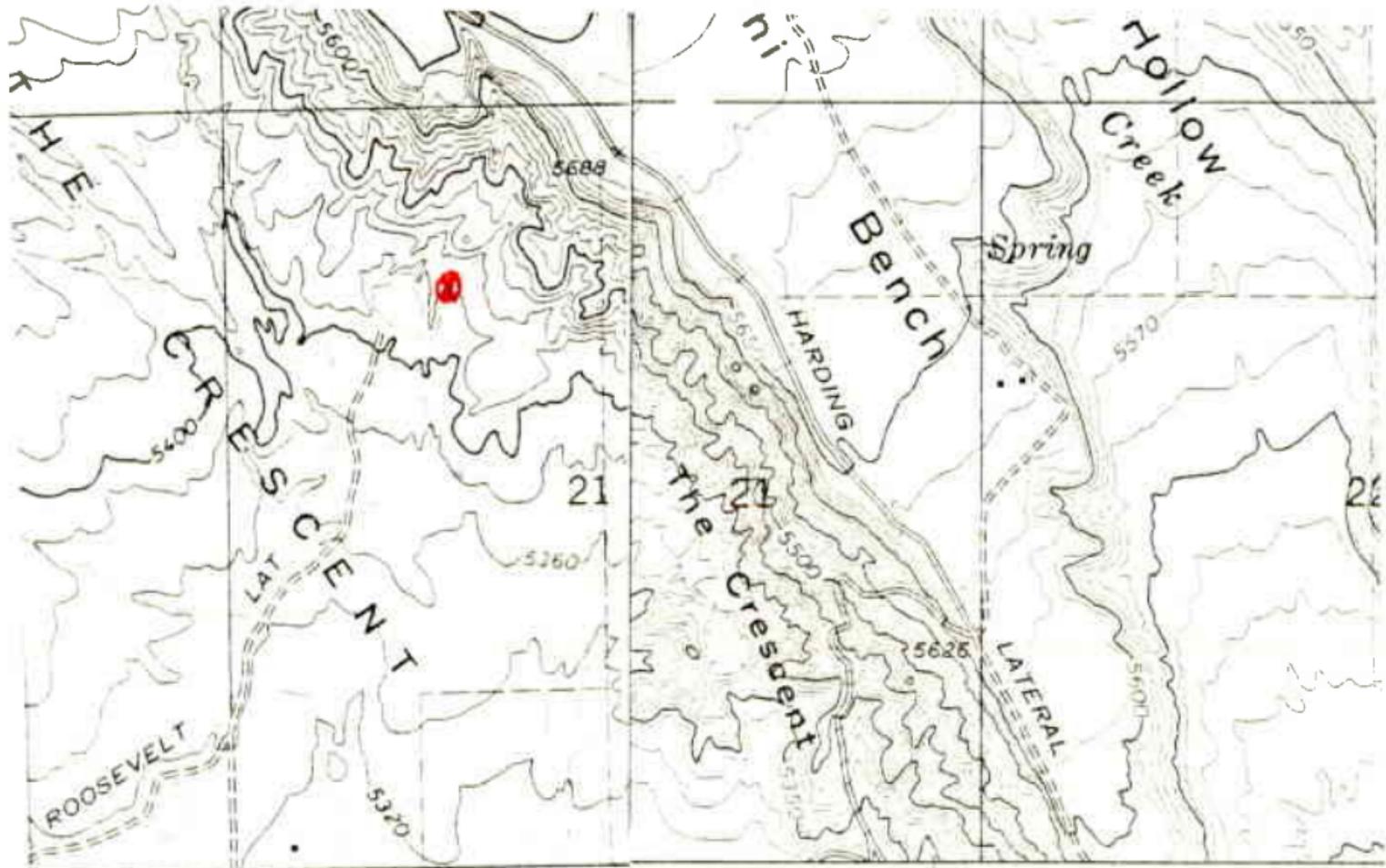
**RECEIVED**

NOV 05

**DIVISION OF OIL  
GAS & MINING**









November 6, 1984

Badger Oil Corporation  
c/o ADS Operating, Inc.  
123 West 1st, Suite 830-27  
Casper, Wyoming 82601

Gentlemen:

Re: Well No. Badger-Lawson #2-21A1 - SE NW Sec. 21, T. 1S, R. 1W  
1325' FNL, 1525' FWL - Duchesne County, Utah

Approval to drill the above referenced oil well is hereby granted in accordance with Order of Cause No. 140-12 dated August 27, 1981 subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.
2. Strict compliance with the conditions for drilling and producing test wells as ordered in Cause No. 140-12, specifically, production testing time limitations, bottom hole pressure information submittal and damage liability assumption.
3. Receipt of a Designation of Operator from Bow Valley Petroleum.

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) 533-5771, (Home) 298-7695 or R. J. Firth, Associate Director, (Home) 571-6068.

Page 2  
Badger Oil Corporation  
Well No. Badger-Lawson #2-21A1  
November 6, 1984

4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.
5. 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 43-013-31020.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

as  
Enclosures  
cc: Branch of Fluid Minerals



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
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

January 20, 1986

Badger Oil Corporation  
c/o ADS Operating, Inc.  
123 West 1st, Suite 830-27  
Casper, Wyoming 82601

Gentlemen:

Re: Well No. Badger-Lawson #2-21A1 - Sec. 21, T. 1S, R. 1W  
Duchesne County, Utah - API 43-013-31020

Due to excessive time delay in commencing drilling operations approval to drill the subject well is hereby rescinded, effective one calendar month from the date of this notice. If any operations have been performed on this well location it is imperative that you notify this division immediately.

A new "Application for Permit to Drill" must be filed with this office for approval, prior to future drilling of the subject location.

Sincerely,

A handwritten signature in cursive script that reads "John R. Baza".

John R. Baza  
Petroleum Engineer

cc: Dianne R. Nielson  
Ronald J. Firth  
File

0320/57