

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS

5. Lease Designation and Serial No.

ML 30577

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

Well No. 1, State 22

10. Field and Pool, or Wildcat

Wildcat

11. Sec., T., R., M., or Blk. and Survey or Area

Sec. 22, T22S, R19E

12. County or Parrish 13. State

Grand Utah

**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

Multiple Zone

2. Name of Operator

Black Dome Energy

3. Address of Operator

1546 Cole Blvd., Suite 222, Golden, Colo. 80401

4. Location of Well (Report location clearly and in accordance with any State requirements.)\*

At surface

1968.2 FWL, 693.9 FNL NE NW

At proposed prod. zone

Same

14. Distance in miles and direction from nearest town or post office\*

3 miles South of Crescent Junction, Utah

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

693.9

16. No. of acres in lease

640

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.

80 ft.

19. Proposed depth

1200'

*Dakota*

20. Rotary or cable tools

Rotary

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

4672 GR

22. Approx. date work will start\*

Oct. 7, 1980

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole,	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
<u>11"</u>	<u>8 5/8"</u>	<u>40#</u>	<u>160 ft.</u>	<u>Circulate</u>
<u>7 7/8"</u>	<u>5 1/2"</u>	<u>15.5#</u>	<u>1200 ft.</u>	<u>100 sx</u>

Surface Formation - Mancos

Propose to test Dakota Formation for oil.

State Bond No. 147F0527 - Travelers Indemnity

APPROVED BY THE DIVISION  
OF OIL, GAS, AND MINING

DATE: 9/16/80

BY: CB Feight

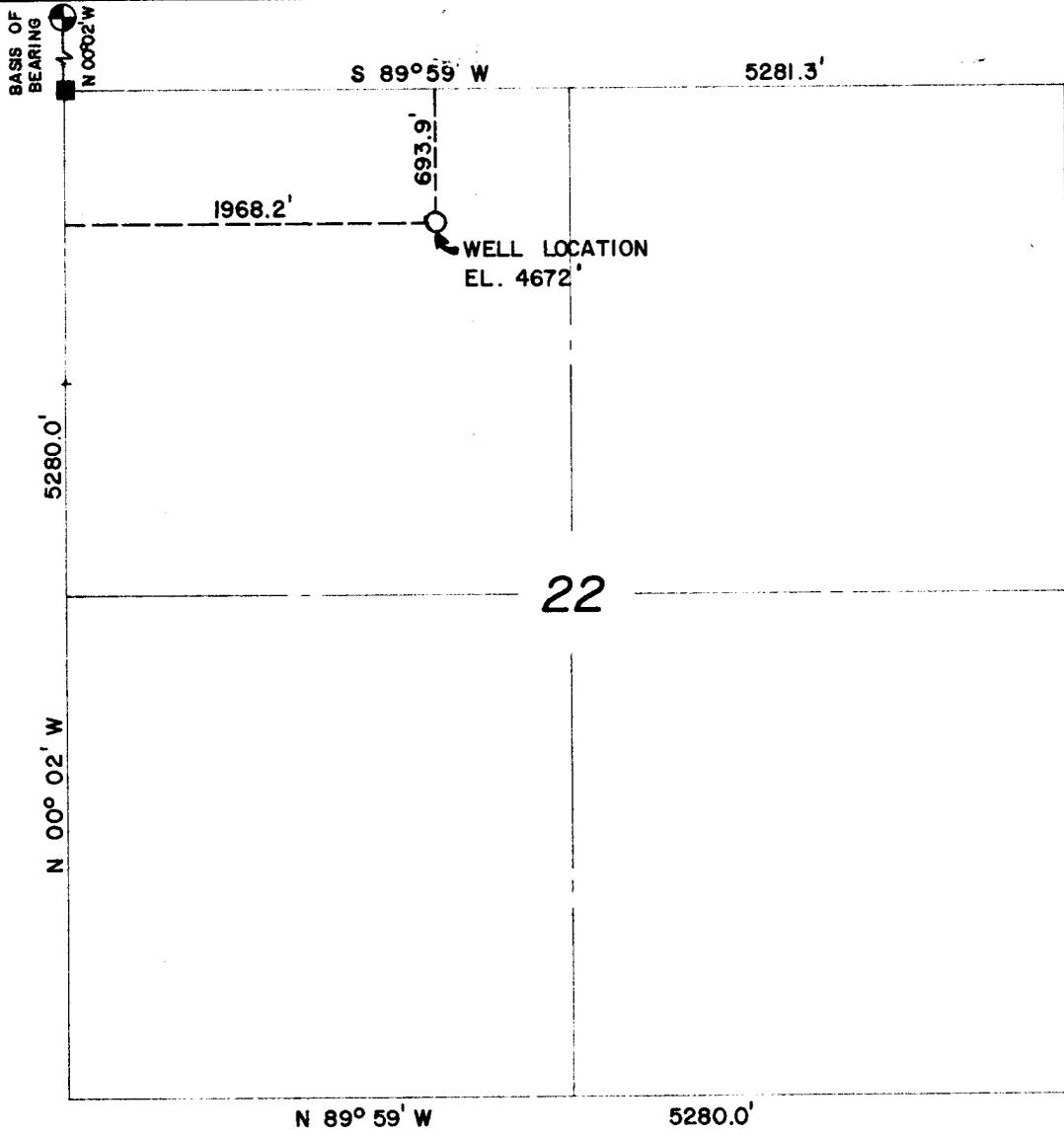
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer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

24. Signed J. N. Burkhardt Title Consulting Engineer Date 9-25-80

(This space for Federal or State office use)

Permit No. \_\_\_\_\_ Approval Date \_\_\_\_\_

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:



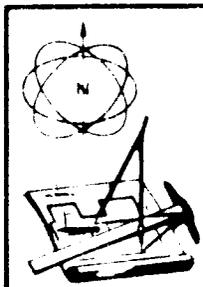
-  FOUND BRASS CAP  
NW COR. SEC. 15
-  FOUND SCRIBED  
4 X 4 POST

WELL LOCATION  
 693.9 FT. S.N.L. - 1968.2 FT. E.W.L.  
 SECTION 22, T. 22S., R. 19 E., S.L.B. & M.  
 GRAND COUNTY, UTAH

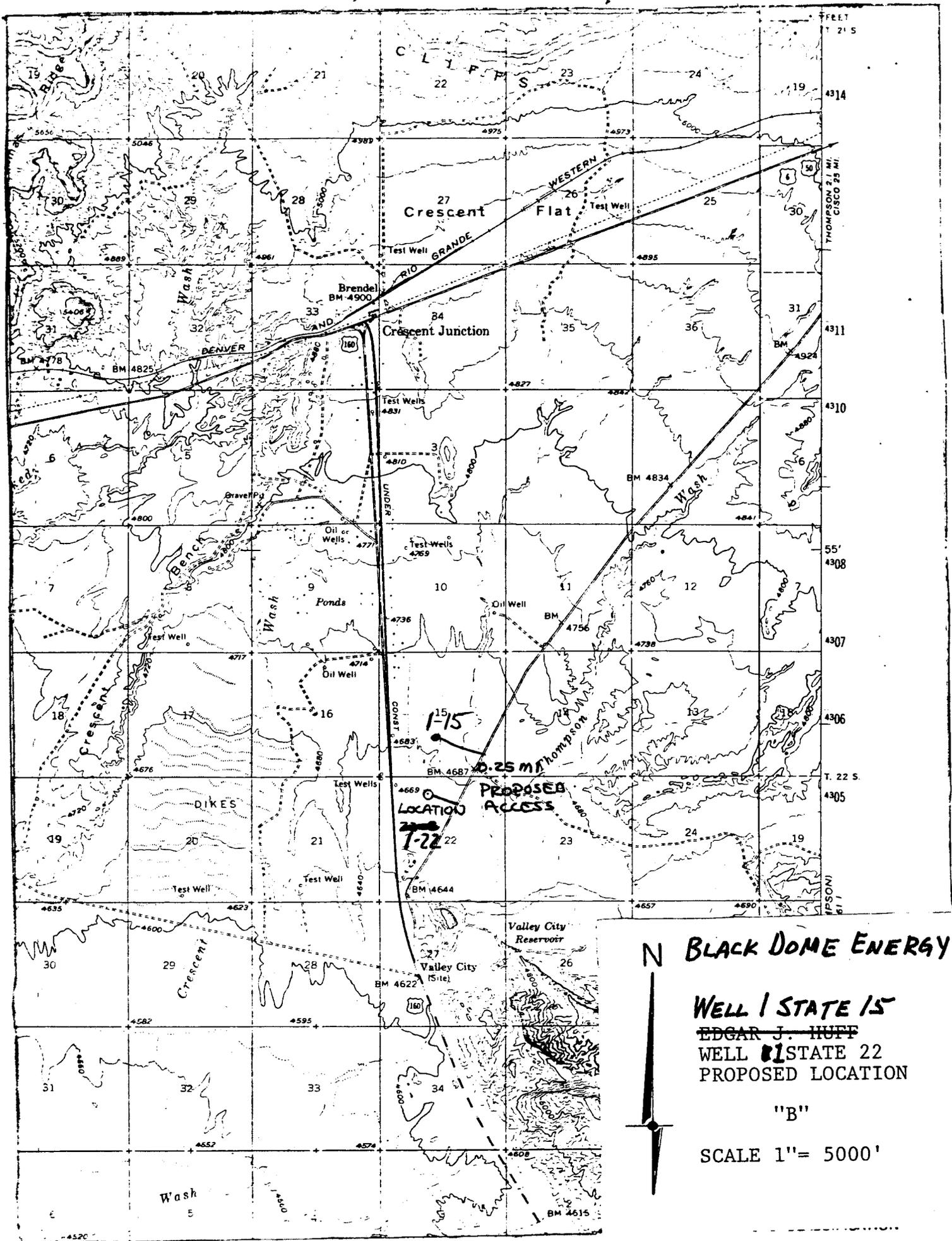
**SURVEYOR'S CERTIFICATE**

I, Edward A. Armstrong, a registered land surveyor in the State of Utah, do hereby certify that this survey was made under my direct supervision and that this plat represents said survey.

*Edward A. Armstrong*  
 EDWARD A. ARMSTRONG PE & LS 4464



ARMSTRONG ENGINEERS and ASSOCIATES, INC. ENGINEERING • SURVEYING • SOILS AND CONCRETE TESTING 861 ROOD AVENUE GRAND JUNCTION, COLORADO 81501 (303) 245-3861	
LOCALITY: GRAND JUNCTION DATE: 9/23/80 DRAWN BY: SZH CHECKED BY: EAA DATE OF CHECK: 9/20/80	EDGAR J. HUFF WELL # 1 - STATE 22
SHEET 1 of 1	JOB NUMBER 803019



**N BLACK DOME ENERGY**



**WELL I STATE 15**  
~~EDGAR J. HUFF~~  
**WELL I STATE 22**  
**PROPOSED LOCATION**

"B"

SCALE 1" = 5000'

Light-duty ————— Unimproved dirt - - - - -

\*\* FILE NOTATIONS \*\*

DATE: October 10, 1980

OPERATOR: Black Dome Energy

WELL NO: State 22-1

Location: Sec. 22 T. 22S R. 19E County: Grand

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-019-30710

CHECKED BY:

Petroleum Engineer: verbal approval given by MTM

Director: OK under Rule C-3

Administrative Aide: \_\_\_\_\_

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. \_\_\_\_\_

O.K. Rule C-3

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

Lease Designation St.

Plotted on Map

Approval Letter Written

Hot Line

P.I.

October 17, 1980

Black Dome Energy  
1546 Cole Blvd.  
Suite 222  
Golden, Colorado 80401

Re: Well No. State 22-1  
Sec. 22, T. 22S, R. 19E,  
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil is hereby granted in accordance with Rule C-3, 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:

MICHAEL T. MINDER - Petroleum Engineer  
Office: 533-5771  
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-30710.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

*Cleon B. Feight /ka*  
Cleon B. Feight  
Director

/ka  
cc: Donald Prince

April 6, 1981

Black Dome Energy  
1546 Cole Blvd.  
Suite 222  
Gloden, Colorado 80401

Re: Well No. State ~~88-117~~---  
Sec. ~~15~~, T. 22S. R. 19E.  
Grand County, Utah

Gentlemen:

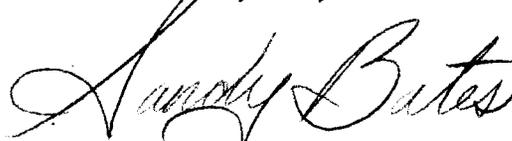
In reference to above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not recieved any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. (If we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill these wells and action will be taken to terminate the application.) If you plan on drilling these locations at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING



SANDY BAVES  
CLERK-TYPIST



EDGAR J. HUFF, President

Suite 222-1546 Cole Boulevard  
Denver West Office Complex  
Golden, Colorado 80401  
303-233-1425

April 13, 1981

Sandy Bates  
Department of Natural Resources  
Division of Oil, Gas, and Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

Re: Well No. State 22-1  
Sec. 22, T. 22S. R. 19E.  
Grand County, Utah  
  
Well No. State 15-1  
Sec. 15, T. 22S. R. 19E.  
Grand County, Utah

Dear Sandy,

In response to your letters of April 6, referenced  
as above, we are sending to your office:

Sundry Notices and Reports on Wells  
for Well No. State 22-1

Sundry Notices and Reports on Wells  
for Well No. State 15-1

Report of Water Encountered During  
Drilling for State No. 1-22 (3 copies)

If this does not fulfill our reporting requirements,  
please advise.

Sincerely,

BLACK DOME ENERGY CORPORATION

C. W. Huff, Jr.  
Vice President  
Engineering and Production

Enclosures

RECEIVED

APR 15 1981

DIVISION OF  
OIL, GAS & MINING

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

**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 checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. ML 30577
2. NAME OF OPERATOR BLACK DOME ENERGY CORPORATION		6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---
3. ADDRESS OF OPERATOR 1546 Cole Boulevard, Suite 222, Golden CO 80401		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 1968.2 FW6, 693.9 FNL NE NW		8. FARM OR LEASE NAME ---
14. PERMIT NO. 43-019-30710	15. ELEVATIONS (Show whether DF, RT, CR, etc.) 4672 GR	9. WELL NO. No. 1 State 22
		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 22 T22S-R-19E
		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.)\*

Above well was spudded at 3:00 p.m. 12-11-80 and drilled to 1196' with surface casing set at 160' and the cement circulated. The well was completed as a dry hole at 5:00 a.m. 12-15-80 and was plugged according to instructions from your Division.

The Drilling Contractor was Starnier Drilling Company, Rig No. 3

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

SIGNED C. H. Shuff TITLE Vice President Engineering & Production DATE APR 13 1981

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE DIVISION OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116

\*REPORT OF WATER ENCOUNTERED DURING DRILLING\*

Well Name & Number State No. 1-22  
Operator Black Dome Energy Corp. Address 1546 Cole Boulevard, Suite 222 Golden, Colorado 80401  
Contractor Starner Drilling Co. Address P.O. Box 1868 Grand Junction, Colorado 81501  
Location NE 1/4 NW 1/4 Sec. 22 T: 22S R: 19E County Grand

Water Sands

	<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
	From	To	Flow Rate or Head	Fresh or Salty
1.	0	1219	No water sands encountered while drilling	
2.				
3.				
4.				
5.				

(Continue of reverse side if necessary)

Formation Tops

Dakota Silt 784'  
Dakota Sand 828'  
Cedar Mountain Shale 898'  
Cedar Mountain Sand 978'  
Morrison 1041'

Remarks

No water sands encountered while drilling.

NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.

(b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

APR 15 1981

December 16, 1981

Black Dome Energy  
1546 Cole BLVD.  
Suite 222  
Gloden, Colorado 80401

Re: Well No. State 22-1  
Sec. 22, T. 22S, R. 19E  
G Grand County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS AND MINING



CARI FURZE  
CLERK TYPIST



EDGAR J. HUFF, President

**RECEIVED**

JAN 21 1982

**DIVISION OF  
OIL, GAS & MINING**

Suite 222 - 1546 Cole Boulevard  
Denver West Office Complex  
Golden, Colorado 80401  
303-233-1425

January 19, 1982

Cari Furse  
Clerk Typist  
State of Utah  
Natural Resources & Energy  
4241 State Office Building  
Salt Lake City, UT 84114

Dear Ms. Furse:

Re: Well No. State 22-1  
Sec. 22, T22S, R19E  
Grand County, Utah

As per your request of December 16, 1981, we are enclosing:

Well Completion, Form OGC-3, in duplicate

Copy of Geological Well Report by Wes Pettingill

Logs: DIL TAPING and FDC/CNL

Your records should now be complete for this well;  
if not, please let us know.

Sincerely,

C. W. Huff, Jr.  
Vice President  
Engineering and Production

Enclosures

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

5. LEASE DESIGNATION AND SERIAL NO.  
ML 30577

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
--

7. UNIT AGREEMENT NAME  
--

8. FARM OR LEASE NAME  
--

9. WELL NO.  
No. 1 State 22

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 22  
T22S-R-19E

12. COUNTY OR PARISH  
Grand

13. STATE  
Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

RECEIVED  
JAN 21 1982  
DIVISION OF OIL, GAS & MINING

1a. TYPE OF WELL: OIL WELL  GAS WELL

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

2. NAME OF OPERATOR  
Black Dome Energy Corporation

3. ADDRESS OF OPERATOR  
1546 Cole Blvd., Suite 222, Golden, CO 801

4. LOCATION OF WELL (Report location clearly and in accordance with any State Regulations)\*  
At surface 1968.2 FWL, 693.9 FNL NE NW, Sec 22 T22S-R-19E  
At top prod. interval reported below  
At total depth 1196' driller  
1219' logger

14. PERMIT NO. 43-019-30710 DATE ISSUED 9-16-80

15. DATE SPUDDED 12-11-80 16. DATE T.D. REACHED 12-15-80 17. DATE COMPL. (Ready to prod.) P & A 12-16-80 18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* 4671' GL, 4681' KB 19. ELEV. CASINGHEAD 4671'

20. TOTAL DEPTH, MD & TVD 1196' 21. PLUG, BACK T.D., MD & TVD N/A 22. IF MULTIPLE COMPL., HOW MANY\* N/A 23. INTERVALS DRILLED BY → All 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* None 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction - Compensated Density 27. WAS WELL CORRED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	20#	160	11"	50 sacks class G	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

DATE FIRST PRODUCTION \_\_\_\_\_ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) \_\_\_\_\_ WELL STATUS (Producing or shut-in) \_\_\_\_\_

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

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

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  
Vice President  
SIGNED \_\_\_\_\_ TITLE Engineering & Production DATE Jan. 19, 1982

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

