

UTAH DIVISION OF OIL AND GAS CONSERVATION

REMARKS: WELL LOG _____ ELECTRIC LOGS _____ FILE WATER SANDS _____ LOCATION INSPECTED _____ SUB. REPORT/abd. _____

OPERATOR NAME CHANGE 11-26-79

DATE FILED 6-15-77

LAND: FEE & PATENTED STATE LEASE NO. State U-27400 PUBLIC LEASE NO. INDIAN

DRILLING APPROVED: 6-9-77

SPUDED IN:

COMPLETED: 11-14-79 LA'd PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH: ~~9210'~~

WELL ELEVATION: ~~7871'~~ KB

DATE ABANDONED: 11-14-79 - Location Abandoned; Approval Suspended until drilling commences

FIELD: Wildcat 3/86

UNIT:

COUNTY: Grand

WELL NO. State 400-#1

API NO: 43-019-30367

LOCATION 660' FT. FROM (N) ~~XX~~ LINE. 662' FT. FROM (E) ~~XX~~ LINE. C NE NE 1/4 - 1/4 SEC. 17

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				16S	23E	17	TEXOMA PRODUCTION CO.

FILE NOTATIONS

Entered in NID File _____
Entered On S R Sheet _____
Location Map Pinned _____
Card Indexed _____
IWR 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 _____



ENVIRONMENTAL ENGINEERING COMPANY

Professional Engineering Services

File
P. O. Box 3341
Casper, Wyoming 82601
Phone (307) 234-6186

1645 Court Place
Suite 229
Denver, Colorado 80202
Phone (303) 892-1506



April 26, 1977.

Patrick L. Driscoll
Division of Oil, Gas and Mining
1588 West, North Temple St.
Salt Lake City, Utah 84116

Re: The Anschutz Corporation
#1 - State 920
#1 - State 400
Grand County, Utah

Dear Mr. Driscoll:

Enclosed please find two copies each of the application for Permit to Drill, Topographic Map and Location Plat for (1) #1-State 920 and (2) #1 - State 400 of the Anschutz Corporation.

If all the information contained herein does not meet all necessary requirements, please advise.

Very truly yours,

George H. Fentress
Agent Consultant for
The Anschutz Corporation

PO Box 113
WHEAT RIDGE,
COLO. 80033

(303) 423-0835

APPROVALS:
MAIL TO:

cc. ANSCHUTZ

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

State U-27400

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
 The Anschutz Corporation, Inc.

3. Address of Operator
 1110 Denver Club Building, Denver, Colorado 80202

4. Location of Well (Report location clearly and in accordance with any State requirements.)*
 At surface
 C NE NE (660' FNL 662' FEL)
 At proposed prod. zone
 same

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name
 State

9. Well No.
 #1 - State 400

10. Field and Pool, or Wildcat
 Wildcat

11. Sec., T., R., M., or Blk. and Survey or Area
 17 - T 16 S - R 23 E

12. County or Parrish 13. State
 Grand Co., Utah

14. Distance in miles and direction from nearest town or post office*
 Approx. 70 miles from Thompson, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) 660'

16. No. of acres in lease 1,280 Ac

17. No. of acres assigned to this well 640 Ac

18. Distance from proposed location* to nearest well, (drilling, completed, or applied for, on this lease, ft.) None

19. Proposed depth 9210

20. Rotary or cable tools Rotary

21. Elevations (Show whether DF, RT, GR, etc.)
 7811' ground 7821' KB

22. Approx. date work will start*
 May 15, 1977

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12 1/4	9 5/8	43.5	250	300
8 3/4	7	35	4900	300
6 1/8	4 1/2	9.5	9250	200

1. It is planned to drill well with air or air mist, or brine if Wasatch is wet.
2. This is an Entrada test with maximum deviation of 7° to 10,000' or 50' below top of Entrada.
3. GR-FDC-SNP logs are planned with samples caught throughout.
4. Location and access maps are attached.

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 George H. Fentress Agent Consultant for
 Title The Anschutz Corporation Date April 26, 1977

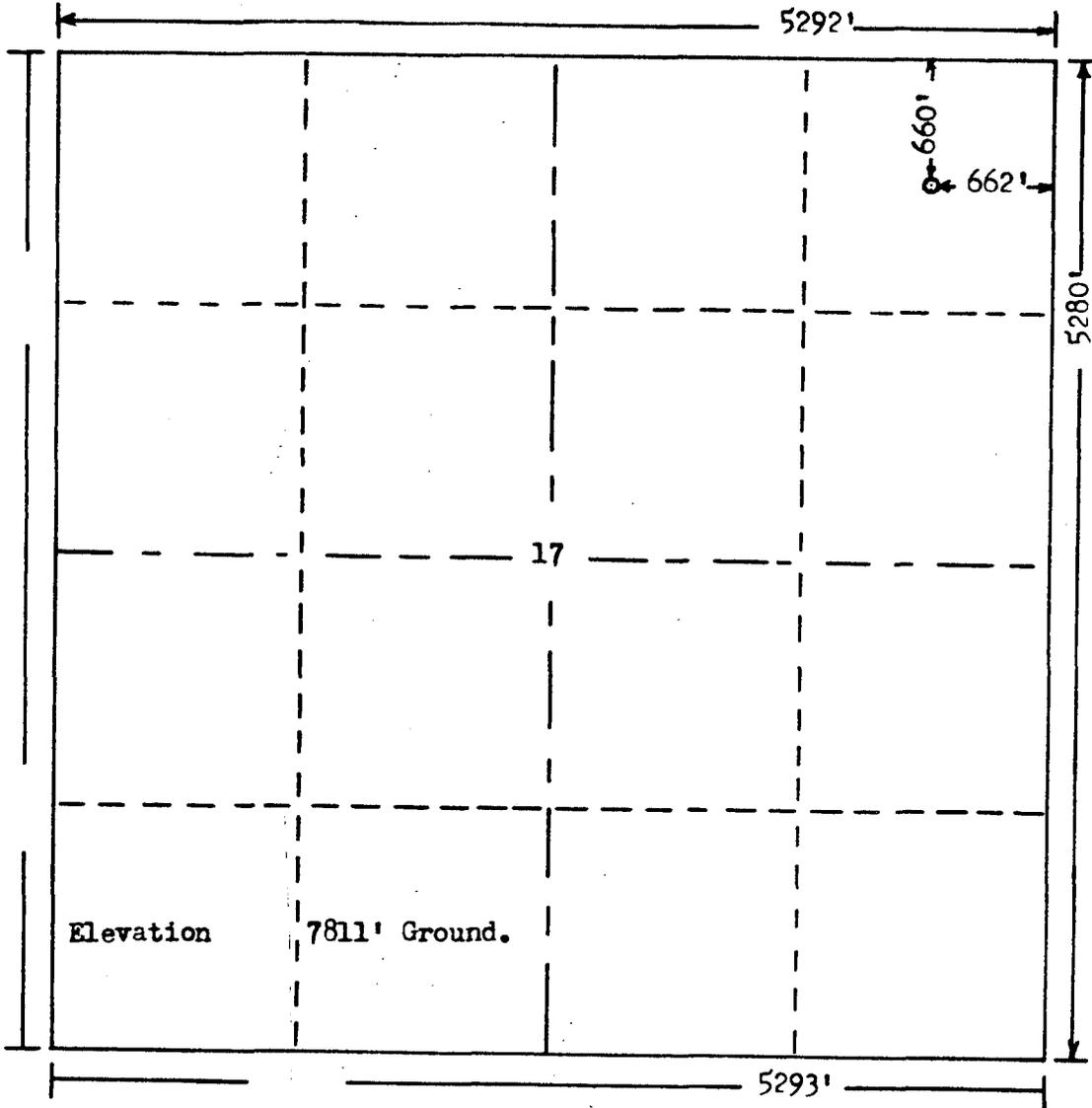
(This space for Federal or State office use)

Permit No. B-019-30367 Approval Date

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



R. 23 E.



T. 16 S.

Scale... 1" = 1000'

Powers Elevation Company, Inc. of Denver, Colorado
 has in accordance with a request from George Fentress
 for The Anschutz Corporation
 determined the location of #1 State-400
 to be C NE NE Section 17 Township 16 S.
 Range 23 E. of the Salt Lake Meridian
 Grand County, Utah

I hereby certify that this plat is an
 accurate representation of a correct
 survey showing the location of
 #1 State-400

Date: 3-26-77

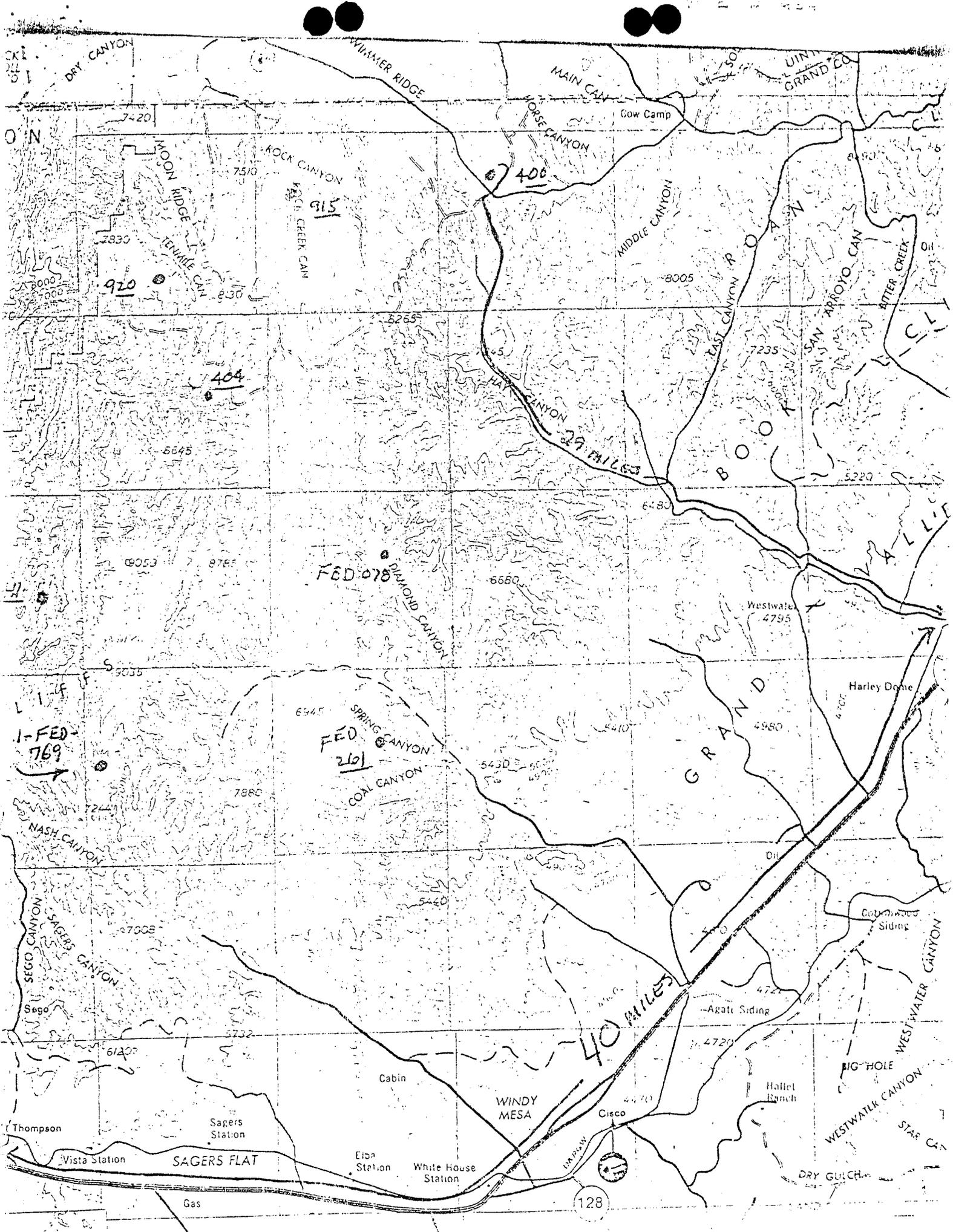
7 Nelson
 Licensed Land Surveyor No. 2711
 State of Utah

ENVIRONMENTAL ASSESSMENT
for
ANSCHUTZ #1 STATE 400
WILDCAT OIL AND/OR GAS WELL

on
STATE OF UTAH ML 27400
NE $\frac{1}{4}$ NE $\frac{1}{4}$, Section 17,
Township 16 South, Range 23 East
Grand County, Utah

May 9, 1977

Prepared By:
UTAH DIVISION OF OIL, GAS, AND MINING
Patrick L. Driscoll, Chief Petroleum Engineer



I. DESCRIPTION OF PROPOSED ACTION:

Anschutz Corporation plans to drill a well on an existing State oil and gas lease in Section 17, Township 16 South, Range 23 East, SLBM, to determine the liquid hydrocarbon potential of several geologic formations. Tests will be performed in the Mesaverde, Mancos, Dakota, Morrison, and Entrada formations. Maximum depth of drilling will be approximately 9,250 feet.

Surface facilities will cover an area of about 250' x 300'. The location of the well on Section 17 is shown on Plat #1.

Access to the proposed location is via Hay Canyon road as it exits from U.S. 6-50. Proceed 29 miles along the Hay Canyon road to a junction on top of the cliffs. Turn left for about 0.2 miles along the Horse Canyon jeep trail. Turn left into the location. New road construction will be approximately 0.2 miles.

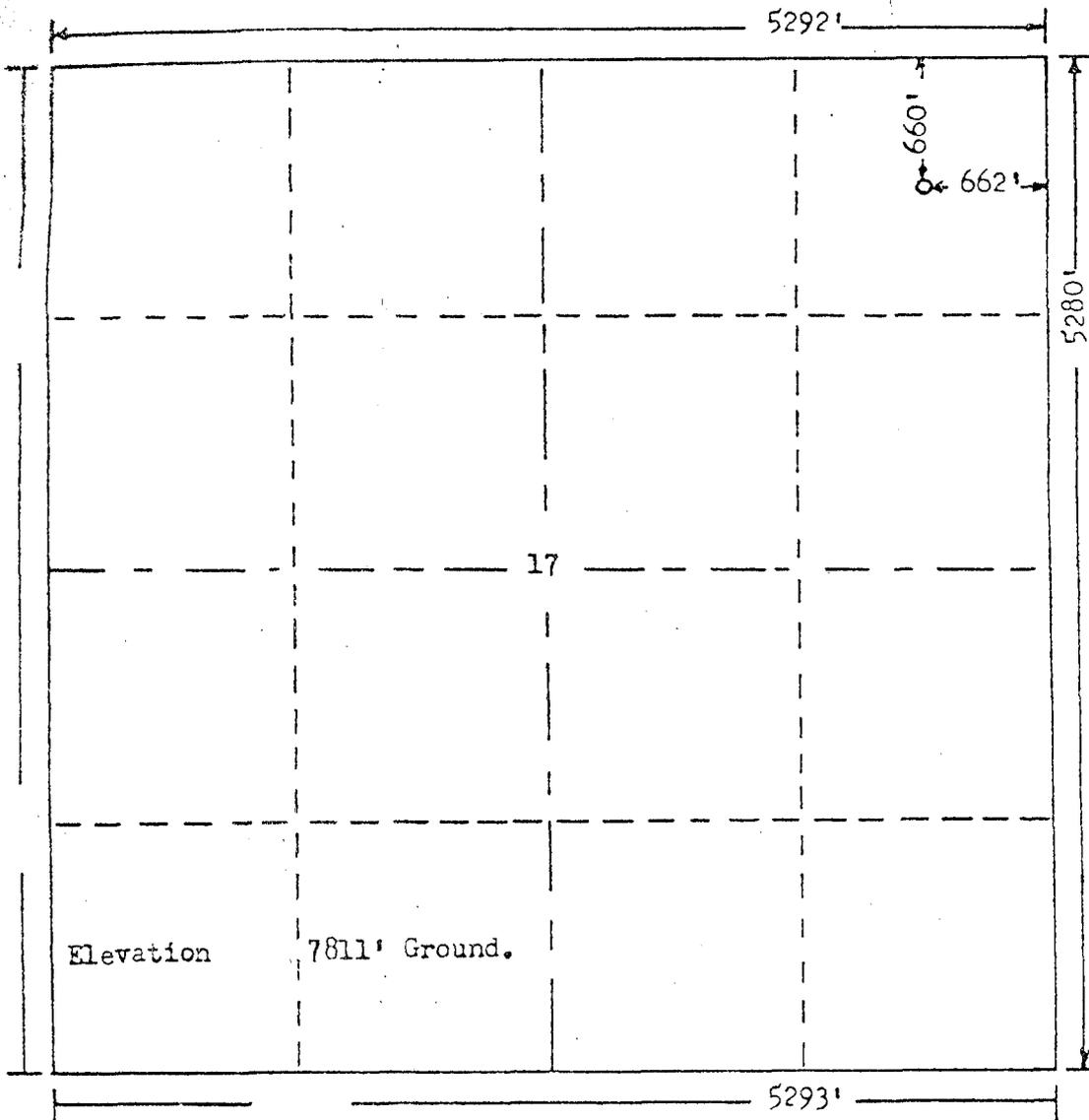
II. DESCRIPTION OF THE ENVIRONMENT POTENTIALLY AFFECTED:

The majority of the environment affected by this project will be along the drilling pad. The road begins in the mountain brush type at 7,700' in elevation and proceeds along relatively flat land; no streams are in the immediate area, and the drainage slopes very gently towards the E-NE into Horse Canyon.

(A) Physical Environment:

This localized area of the region is characterized by gently steeping slopes, the precipitation totals approximately 16" annually, the majority of which falls during the winter months. Summer precipitation falls in the form of short, violent thunderstorms.

R. 23 E.



T.
16
S.

Scale 1" = 1000'

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 has in accordance with a request from George Fentress
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 determined the location of #1 State-400
 to be C NE NE Section 17 Township 16 S.
 Range 23 E. of the Salt Lake Meridian
 Grand County, Utah

I hereby certify that this plat is an
 accurate representation of a correct
 survey showing the location of
 #1 State-400

Date: 3-26-77

J. Nelson
 Licensed Land Surveyor No 2711
 State of Utah

Temperature extremes are -20° to $+90^{\circ}$ F.

Freezing temperatures and frost may occur during any month of the year with the right meteorological condition.

Soils are a function of the active weathering process upon parent rocks in the area and therefore are highly variable in depth and composition. In the immediate vicinity soils form the colluvial and alluvial deposits ranging from 1' to 5' in depth; the parent rock, middle unit of the Parachute Creek member, outcrops occasionally.

In the project area the slopes are relatively stable. No signs of landslides, slumps, or snowslides were observed during a field evaluation.

A county road exists within 0.2 miles from the proposed well location.

(B) Biologic Environment:

Overstory vegetation along the proposed road route is typical of the mountain brush type and is comprised of:

Gamble Oak	Utah Serviceberry
Mountain Mahogany	Mountain Maple
Bigtooth Maple	Utah Juniper
Rocky Mountain Juniper	Pinyon

Scattered individuals and alternans of small stands of the following occur along the proposed road route:

Ponderosa Pine	Douglas Fir
Quaking Aspen	Mountain Cottonwood

Understory vegetation is variable along the proposed road and includes:

Western Yarrow	Big Sagebrush
Western Wheatgrass	Woods Rose
Basin Wildrye	Smooth Brome
Annual Brome	Mountain Snowberry
Lupines	Elderberry
Bitterbrush	

The vegetation reported here is not a completed inventory but represents a major listing of the species encountered.

On the well site itself, the vegetative composition is dominated by Snowberry and Big Sagebrush (approximately 80%) with an understory of some of the grasses listed above.

Fauna found in the general area of the proposed road and well, include both managed wildlife species and domestic livestock.

Managed wildlife big game species include mule deer, and cougar. Small game species include cottontail rabbit, snowshoe hare, and forest grouse. Non-game species are abundant and include coyote, gopher, eagles, hawks, chipmunk, various small rodents, and songbirds.

Cattle grazing is evident in the immediate area but currently livestock use is limited to summer grazing.

The area may have some Archeological significance, but is not such that a pre-survey is necessary.

III. PROBABLE IMPACT OF THE PROPOSED ACTION ON THE ENVIRONMENT:

Physically, the proposal will change the land use of approximately two (2) acres in surface area. This is based on a 30' right-of-way

for a 0.2 mile road and the operations pad measuring 250' x 300'.

It is not anticipated that the construction would cause undue erosion or sedimentation.

In quantity, the amount of forage and habitat eliminated through road and pad construction will not be significant to animal utilization. With the initial road construction wildlife utilization of areas adjacent to the road and pad may be reduced. Following construction and with the limited use of the access road, most wildlife will again utilize areas adjacent to the movement of vehicles.

Air and water degradation to any significant degree as a result of the drilling itself are not anticipated.

IV. MITIGATIVE MEASURES INCLUDED IN THE PROPOSED ACTION:

Stabilizing of the proposed drill pad is planned by the operator following operations. The pad will be stabilized even with the advent of installing production facilities in the case that a producing well is discovered. The seed mixture for planting is:

<u>SEED:</u>	<u>POUND/ACRE</u>
Smooth Brome	4
Orchard Grass	3
Kentucky Bluegrass	1
Crested Wheatgrass	3
Meadow Foxtail	2
Ranger Alfalfa	2

Vegetative protection from grazing will be provided for two growing seasons through fencing. The road design calls for providing adequate drainage from the finished grade.

All applicable safety, blowout prevention, fire prevention, and spillage prevention will be in use for the drilling process itself.

In the location of the road and pad the disturbance of any timber will be avoided.

V. ALTERNATIVES TO THE PROPOSED ACTION:

Status Quo:

Potential energy resources underlying said acreage may not be realized if exploratory action is not taken.

Alternative 2:

Drilling of said well with no environmental constraints; however, this particular alternative would not be authorized by this Division.

Alternative 3:

Drilling of said well with environmental considerations, such as; regrading, reseeding and stabilizing the drill pad, providing adequate drainage from the road grade, etc.

VI. SHORT TERM USES OF THE ENVIRONMENT VS. LONG TERM PRODUCTIVITY:

The short term uses planned for this project will not necessarily affect the long term productivity of the natural area involved.

With a relatively small disturbance in the short term, a productive liquid hydrocarbon discovery could be made. If the discovery would be of sufficient size the area would be productive for many years, yielding valuable and increasingly rare raw materials for the production of energy.

VII. IRREVERSIBLE AND IRRETRIEVABLE COMMITMENTS OF RESOURCES INVOLVED IN THE PROPOSED ACTION:

The depletion of the oil reservoir, in the event a discovery is made would be an irreversible action, the resource would be beneficially utilized by man.

VIII. CONCLUSION:

Due to the extreme minimal disturbance and the great need for additional hydrocarbons; it is fully recommended that this project be granted.

Auschutz
State 400 - #1

17-168-23E

Graud



108
H, State 400.

May 5th
1977

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: June 9-
Operator: Amschutz Corp.
Well No: #1 State 700
Location: Sec. 17 T. 16S R. 3BE County: Grand

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

CHECKED BY:

Administrative Assistant AW
Remarks:
Petroleum Engineer ok
Remarks:
Director Z
Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required as state 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:

6-11-77
Approved by
ECC-

Letter Written/Approved



May 24, 1977

STATE OF UTAH

Scott M. Matheson, Governor

DEPARTMENT OF
DEVELOPMENT SERVICES

Mr. Milo Barney, Chairman
Environmental Coordinating Committee
State Planning Office
118 State Capitol
Salt Lake City, UT 84114

Michael T. Miller
Executive Director
104 State Capitol
Salt Lake City, Utah 84114
Telephone: (801) 533-5961

Dear Mr. Barney:

RE: Anschutz #1 State 400 Wildcat Oil and/or Gas Well, Grand County

On the basis of staff review and recommendation, the State Historic Preservation Officer has determined that no known sites exist in the project area; and therefore the proposed project will have no known effect on any recognized or potential National Register historical, archeological, or cultural sites. Please be advised, however, that should artifacts or cultural objects be discovered during the construction stage, it is the responsibility of the Federal agency or community receiving block grant funds to notify this office immediately as provided for in the Utah State Antiquities Act of 1973 and Public Law 93-291.

Should you need assistance or clarification, please call or write Wilson G. Martin, Preservation Planner, State Historical Society, 603 East South Temple, Salt Lake City, Utah 84102, 533-5755.

Sincerely,

Michael T. Miller
Executive Director
and
State Historic Preservation Officer

WGM:jjw:A717GN:5

cc: Mr. Patrick L. Driscoll, Chief Petroleum Engineer, Utah
Division of Oil, Gas, and Mining, 1588 West North Temple,
Salt Lake City, UT 84116

clearance

June 9, 1977

The Anschutz Corporation
c/o George Fentress
P.O. Box 113
Wheatridge, Colorado 80033

RE: ~~Well~~ No. 1 State 400, Sec. 17, T. 16 S, R. 23 E,
Well No. 1 State 920, Sec. 23, T. 16 S, R. 21 E,
Well No. 1 State 404, Sec. 23, T. 17 S, R. 21 E,
Well No. 1 State 915, Sec. 17, T. 16 S, R. 22 E.

Gentlemen:

No adverse comments having been received at the June 7, 1977, meeting of the "Environmental Coordinating Committee", approval to drill the above referred to wells is hereby granted. However, as per the request of the State Historic Preservation Officer, please advise this office immediately should artifacts or cultural sites be discovered during the construction process.

Should you determine that it will be necessary to plug and abandon these wells, please advise this office by calling:

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.

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

The Anschutz Corporation
June 9, 1977
Page Two

The API numbers assigned to these wells are:

#400 - 43-019-30367
#404 - 43-019-30369

#920 - 43-019-30368
#915 - 43-019-30370

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
Director

cc: Division of State Lands



1110 DENVER CLUB BUILDING
518 SEVENTEENTH STREET
DENVER, COLORADO 80202
TELEPHONE 303-573-5665
TWX 910 931 2620

July 18, 1978

State of Utah
Dept. of Natural Resources
Division of Oil, Gas, and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Attention: Kathy Ostler, Records Clerk

Dear Ms. Ostler:

As requested in your letter of June 8, 1978 the following is submitted.

To update your records the following wells have not yet been drilled and our plans have not changed.

Well No. Federal 258-#4, Sec. 5, T. 18S, R. 24E,
Grand County, Utah

Well No. Federal 335-#2, Sec. 20, T. 19S, R. 23E,
Grand County, Utah

Well No. Federal 335-#4, Sec. 19, T. 19S, R. 23E,
Grand County, Utah

Well No. Federal 350-#1, Sec. 4, T. 18S, R. 24E,
Grand County, Utah

Well No. State 400-#1, Sec. 17, T. 16S, R. 23E,
Grand County, Utah

Well No. State 402-#1, Sec. 36, T. 17S, R. 20E,
Grand County, Utah

Well No. State 404-#1, Sec. 23, T. 17S, R. 21E,
Grand County, Utah

Well No. State 411-#2, Sec. 23, T. 18S, R. 20E,
Grand County, Utah

Well No. State 414-#1, Sec. 32, T. 18S, R. 21E,
Grand County, Utah





2400 ANACONDA TOWER
555 SEVENTEENTH STREET
DENVER, COLORADO 80202
TELEPHONE 303-825-6100
TWX 910-931-2620



May 15, 1979

Mr. Cleon B. Feight, Director
Division of Oil, Gas & Mining
State of Utah
1588 West, North Temple
Salt Lake City, Utah 84116

Dear Mr. Feight:

The following wells have not commenced drilling and have been removed from our active files. Hence we no longer plan upon drilling them.

Federal 335 No. 2
Federal 335 No. 4
Federal 4275 No. 1
Federal 7674 No. 1

The following wells have not yet commenced drilling pending further geological evaluation:

Federal 258 No. 4
Federal 258 No. 7
Federal 258 No. 8
Federal 350 No. 1
Federal 350 No. 2
Federal 350 No. 3
~~State 400 No. 1~~
State 404 No. 1
State 414 No. 1
Federal 675 No. 3
State 7265 No. 2
State 7265 No. 3
Federal 4076 No. 14-23
State 920 No. 1

We are sorry if our lack of correspondence has created an inconvenience for you.

Very truly yours,


Peter B. Doty
Operations Coordinator

PBD:jp

P.S. Enclosed are the forms you requested on the Federal 675 No. 2.



2400 ARCADE TOWER • 555 SEVENTEENTH STREET • DENVER, COLORADO 80202 • 303-825-6100 • TWX 910-931-2620

July 3, 1979

Mr. Cleon B. Feight, Director
Division of Oil, Gas & Mining
State of Utah
1588 West, North Temple
Salt Lake City, Utah 84116

Dear Mr. Feight:

The following wells have not commenced drilling and have been removed from our active files. Hence we no longer plan upon drilling them.

Federal 335 No. 2
Federal 335 No. 4
Federal 4275 No. 1
Federal 7674 No. 1

The following wells have not yet commenced drilling pending further geological evaluation:

Federal 258 No. 4
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Federal 350 No. 1
Federal 350 No. 2
Federal 350 No. 3
State 400 No. 1
State 404 No. 1
State 414 No. 1
Federal 675 No. 3
State 7265 No. 2
State 7265 No. 3
Federal 4076 No. 14-23
State 920 No. 1

We are sorry if our lack of correspondence has created an inconvenience for you.

Very truly yours,


Peter B. Doty
Operations Coordinator

PBD:jp



SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

1588 West North Temple

Salt Lake City, Utah 84116

(801) 533-5771

November 14, 1979

CHARLES R. HENDERSON
Chairman

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

CLEON B. FEIGHT
Director

Anschutz Corp.
2400 Anaconda Tower 555 17th Street
Denver Colo,
80202

RE: See Attached Sheet For
Well Information.

Gentlemen:

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

This office has not recieved any notification of spudding. As of the above date we are suspending approval of these applications pending notification as to what you are doing ao each well. Since approval has already been obtained a new application will not be necessary if you decide to drill, but we will require a letter stating the date you intend to spudd-in.

Your prompt attention will be greatly appreciated.

Very truly yours,
DIVISION OF OIL, GAS, AND MINING

Debbie Beauregard
DEBBIE BEAUREGARD
CLERK-TYPIST

CC: U.S. Geological Survey

ATTACHMENT, WELLS.

- 1) Fereral 258 No. 7
- 2) Fereral 258 No. 8
- 3) Federal 350 No. 1
- 4) Federal 350 No. 2
- 5) Federal 350 No. 3
- 6) State 400 No. 1
- 7) State 402 No. 1
- 8) State 404 No. 1
- 9) State 414 No. 1
- 10) State 7265 No. 2
- 11) State 7265 No. 3
- 12) State 920 No. 1
- 13) Federal 675 No. 3
- 14) Federal 4076 No. 14-23
- 15) State 915 No. 1
- 16) Federal 258 No. 4



2400 ANACONDA TOWER • 555 SEVENTEENTH STREET • DENVER, COLORADO 80202 • 303-825-6100 • TWX 910-931-2620

November 26, 1979

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

Re: Your letter dated 11-14-79
Well Information.

Attention: Debbie Beauregard

Debbie:

In reference to your letter of November 14, 1979, pertaining to the notification of spudding for 16 wells that you had on an attached list. We are no longer operator for these wells, and therefore have not sent you the notification, as these belong to ~~Texoma Production Company~~. The information that you request will have to come from Texoma Production Company.

We will forward a copy of your letter to Texoma Production Co., and a copy of our letter, to you, so that they can comply with your request. Thank you.

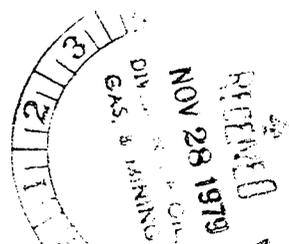
Very truly yours,

Wayne C. Pierce

Wayne C. Pierce
Production Manager

WCP:amc

CC: Texoma Production Company
U. S. Geological Survey



Location Abandoned

ATTACHMENT, WELLS.

1)	Federal	258	No.	7
2)	Federal	258	No.	8
3)	Federal	350	No.	1
4)	Federal	350	No.	2
5)	Federal	350	No.	3
6)	State	400	No.	1
7)	State	402	No.	1
8)	State	404	No.	1
9)	State	414	No.	1
10)	State	7265	No.	2
11)	State	7265	No.	3
12)	State	920	No.	1
13)	Federal	675	No.	3
14)	Federal	4076	No.	14-23
15)	State	915	No.	1
16)	Federal	258	No.	4