Plugged & abandoned: 1-18-78

FILE NOTATIONS

Entered in N I D File	✓	Checked by Chief	
Entered On S R Sheet		Copy N I D to Field Office	
Location Map Pinned	✓	Approval Letter	
Card Indexed	✓	Disapproval Letter	
I W R for State or Fee Land			

COMPLETION DATA:

Date Well Completed	1-18-78	Location Inspected	
OW	WW	TA	Bond released State of Fee Land
GW	OS	PA ✓	

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

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

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

April 28, 1977

Mr. Edgar W. Guynn, District Engineer
U. S. Geological Survey
8426 Federal Building
Salt Lake City, Utah 84138

Re: Filing NTL-6 and APD
For 9-331C
The Anschutz Corporation
#1 Federal - 261
2480' FNL, 2310' FEL
Sec. 15, T 19 S - R 22 E
Grand County, Utah

Dear Mr. Guynn:

Enclosed are three copies of the above filing. Two copies are for the U. S. G. S. and one copy is for the B. L. M. Would you please forward the report to the B. L. M. and advise us when it is most convenient to make a ground inspection.

Very truly yours,

George A. Fentress
Agent Consultant for
The Anschutz Corporation

/lkb
cc: Jack Hoover, Anschutz

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: U - 14261

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: —

7. UNIT AGREEMENT NAME: —

1a. TYPE OF WORK: DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ OTHER — SINGLE ZONE ☐ MULTIPLE ZONE ☒

8. FARM OR LEASE NAME: Federal

2. NAME OF OPERATOR: The Anschutz Corporation

9. WELL NO.: 1-Federal 261

3. ADDRESS OF OPERATOR: 1110 Denver Club Building, Denver, Colorado 80202

10. FIELD AND POOL, OR WILDCAT: Wildcat

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 2480' FNL and 2310' FEL
At proposed prod. zone: same SW SW NE

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 15-T19S-R22E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 42 miles from Thompson, Utah (Exhibit "E")

12. COUNTY OR PARISH: Grand

13. STATE: Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 2310'

16. NO. OF ACRES IN LEASE: 2359.72

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: 4985'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5562' ground 5570' KB

22. APPROX. DATE WORK WILL START*: June 15, 1977

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	650'	350
7 7/8	4 1/2	9.5#	4985'	200

1. Drill 12 1/4" hole to 650' with air and set surface casing
2. Log B. O. P. tests daily while drilling the 7 7/8" hole to TD (hole to be drilled with mud after 4000'.)
3. Run electric logs and run 4 1/2 casing if productive
4. Run other logs as needed, perforate and stimulate as needed.

topo Exception

EXHIBITS ATTACHED

"A" Location and Elevation Plat
"B" The Ten-Point Compliance Program
"C" The Blowout Preventer Diagram
"D" The Multi-Point Requirement for A. P. D.
"E" Access Road Map into Location
"F" Radius Map of Wells in Area
"G" Drill Pad Layout, Contours and Cut-Fill Section
"H" Drill Rig and Production Facilities Layout

Entrada Test

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 TITLE Agent Consultant for The Anschutz Corporation DATE April 26, 1977

(This space for Federal or State office use)

PERMIT NO. 43-019-30670 APPROVAL DATE —

APPROVED BY — TITLE — DATE —

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

EXHIBIT "B"

TEN-POINT COMPLIANCE PROGRAM OF NTL-6 APPROVAL OF OPERATIONS

Attached to Form 9-331C
The Anschutz Corporation
#1-Federal - 261
2480' FN, 2310' FE
Sec. 15 - T 19 S - R 22 E
Grand County, Utah

1. The Geologic Surface Formation

The surface is alluvial and colluvial material derived from the sedimentary formations which form the steep walls of Spring Canyon. These formations are principally brown and gray sandstones and siltstones of the Tertiary Wasatch Formation and massive gray and buff sandstones with interbedded gray shales of the Tuscher, Farrer, Nelson and Sego Formations of the Upper Cretaceous Mesaverde Group.

2. Estimated Important Geologic Markers

Mesaverde	Surface	
Mancos	625	+4945
Dakota	4070	+1500
Morrison	4240	+1330
Entrada	4885	+ 685
E.T.D.	4985	+ 585

3. Estimated Depths of Anticipated Water, Oil, Gas or Minerals

Dakota	4070 gas and/or oil or water
Morrison	4240 gas or water
Entrada	4885 gas

4. The Proposed Casing Program

(a) Set 650' of 8 5/8" new K-55 24# in 12 1/4" surface hole. Set with 350 sacks Class G cement with return flow to the surface.

(b) Set 4300' of 9.5# and new 4 1/2" production casing in a 7 7/8" hole. Set with 200 sacks 50-50 Posmix with 2% gel and 2% $CaCl_2$.

5. The Operator's Minimum Specifications for Pressure Control

Exhibit "C" is a schematic diagram of the blowout preventer equipment planned for use in this well. The BOP's will be

5. The Operator's Minimum Specifications cont'd

hydraulically tested to the full working pressure after nippling up and after any use under pressure. Pipe rams will be operationally checked each 24 hour period. The blind rams and annula preventer will be checked each time pipe is pulled out of the hole. All testings will be recorded in the daily drill sheets. Accessories to BOP's include upper and lower kelly cock, floor safety valve, drill string BOP and choke manifold with pressure rating equivalent to the BOP stack.

6. The Type and Characteristics of Proposed Muds

(a) It is planned that the well will be drilled with air from the base of the surface casing to the total depth. If air is abandoned, then (b) and (c) will be used.

(b) If air drilling is abandoned, then the hole will be drilled with native muds to 4000'.

(c) From 4000' to TD the hole will be drilled with Chem-Gel with the mud weighted as necessary for good hole conditions. The water loss will be kept from 8 to 12cc and the viscosity between 35 and 45.

7. The Auxilliary Equipment to be Used

(a) A kelly cock will be kept in the string at all times.
(b) A float will be used at the bit at all times.
(c) A gas detecting device will monitor the system.
(d) A stabbing valve will be on the floor to be stabbed into the drill pipe when kelly cock is not in the string.

8. The Testing, Logging, and Coring Programs

(a) The top 50' of porous zone in the Entrada will be tested, as will all strong, valid shows.

(b) If air drilled, an induction log will be run from TD to the base of the surface casing and gamma ray, compensated formation density, and sidewall neutron porosity logs will be run at the minimum footage. If the hole is fluid filled, a dual induction log will be run from TD to the base of the surface casing and gamma ray, compensated formation density, and compensated neutron logs will run at the minimum footage.

(c) No coring is anticipated.

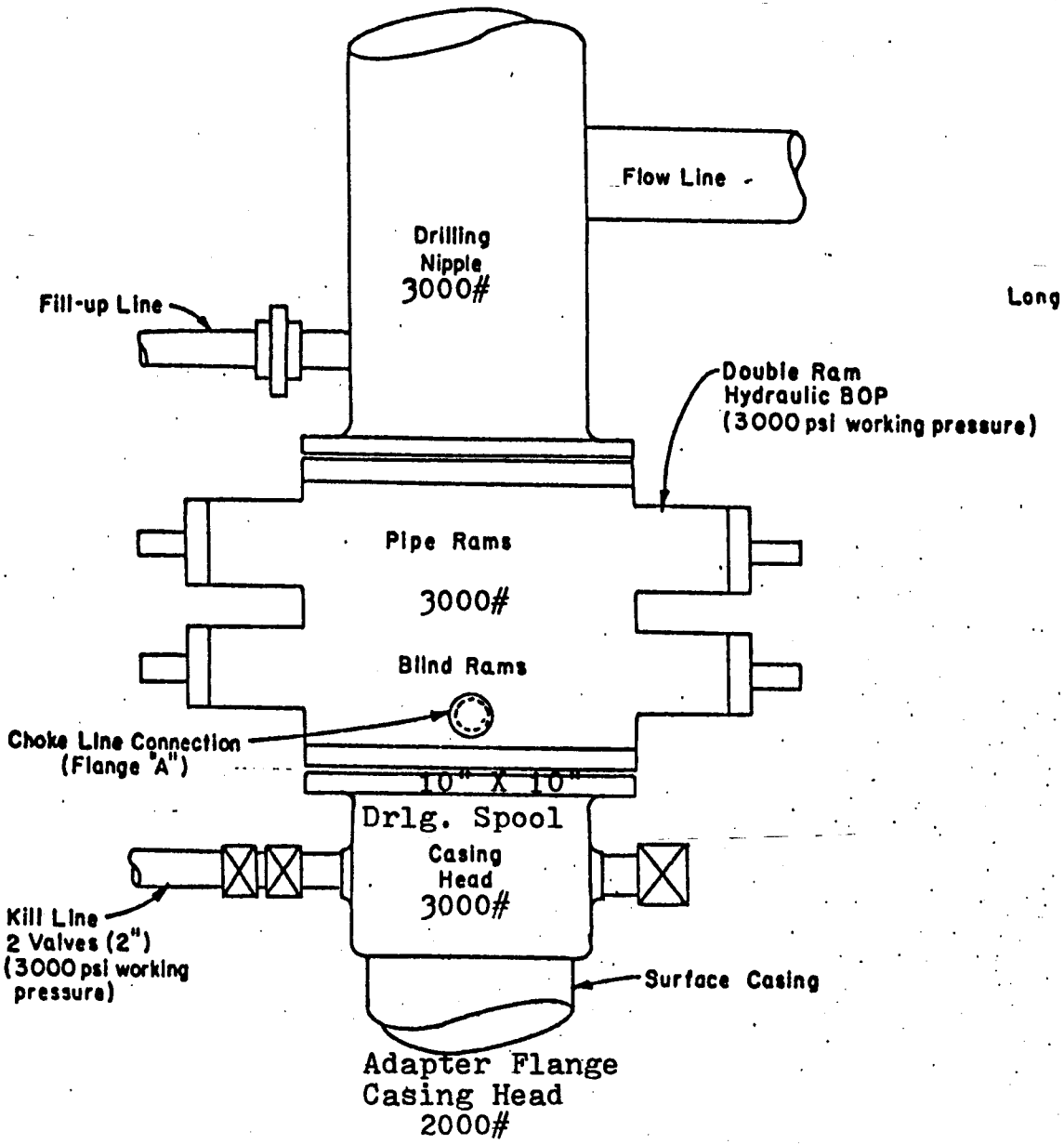
9. Any Anticipated Abnormal Pressures or Temperatures Expected

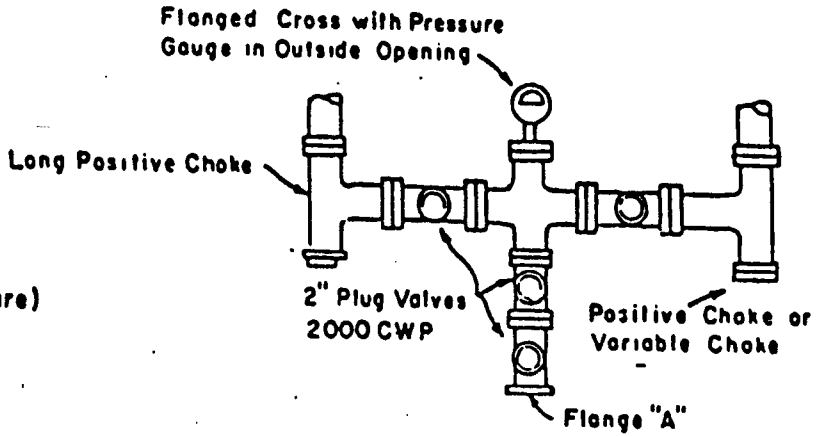
No abnormal pressures or temperatures have been noted or reported in the wells drilled in this area to these depths. No hydrogen sulphide or other hazardous gases or fluids have been found reported or known to exist at these depths in this area.

10. The Anticipated Starting Date and Duration of Operations

The anticipated starting date is set for June 15, 1977, or as soon as possible after examination of the surface and approval of all drilling requirements.

The operations should be completed within 20 days after spudding the well and drilling to the casing point.





PLAN VIEW - CHOKE MANIFOLD

EXHIBIT "C"
BLOWOUT PREVENTER
DIAGRAM
Anschutz #1 - Federal - 261

EXHIBIT "D"

MULTIPOINT REQUIREMENTS TO ACCOMPANY APD

Attached to Form 9-331C
The Anschutz Corporation
#1 - Federal - 261
2480' FN, 2310' FE
Sec. 15, T19S-R22E
Grand County, Utah

1. Existing Roads

A. EXHIBIT "A" is the proposed well site as staked by Powers Elevation Service, and the ground elevation is shown thereon.

B. EXHIBIT "E" is a color coded map prepared from the Southeastern Central Utah Map No. 2 of the Utah Travel Council, and was used because general features show more prominantly than other maps found. One travels 26 miles on I-70 from Thompson, Utah to the East Cisco exit, then 13 miles north on gravel and dirt road to the junction of Diamond Canyon, Cottonwood Canyon and Spring Canyon. The first road to the left at this junction passes a corral and some ranch buildings and ends shortly. In dry weather, any vehicle can drive to this point. Four wheel drive vehicles can pass perhaps another mile. From the end of the good road approximately 3 miles of road will have to be built crossing the dry stream bed in Spring Canyon several times before reaching the location. The red color indicates good passable existing road. The green is the 3 miles of access road which must be built.

C. EXHIBIT "F" is prepared from the 7 1/2' U. S. G. S. Flume Canyon Topographic Quadrangle. The red color shows the existing, usable road and the corral and ranch buildings. The green color indicates the road which must be built to provide access to the location.

D. This is an exploratory well and all known existing roads in the area that could be found are shown on the map in red color. Generally, the access road is fair gravel with hard dirt in spots, and all other roads shown are generally hard packed dirt, apparently slippery when wet.

E. This is not a development well.

F. There is no plan to improve or maintain existing roads.

2. Planned Access Roads

(1) The width of the 3 miles of access road past the corral and ranch buildings need not exceed 16 feet.

(2),(3),(4) Maximum grade will be about 1%. There will probably be no need for turnouts or drainage design buring drilling. If production is obtained, then several culverts will be installed as needed to provide good drainage off the road if the creek should be flowing or in the event of flash floods.

(5) Several culverts will be needed to criss-cross the dry wash in Spring Canyon. No major cut and fill is anticipated for the construction of the access road.

(6) No surfacing materials will be needed unless production is obtained, in which case local stream gravel will be used.

(7) No gates, fence cuts, or cattleguards are needed.

(8) No center line flagging is necessary as there is only one way up Spring Canyon to the location.

3. Location of Existing Wells

This is an exploratory well, and the best current status of wells within a two mile radius is given in Exhibit "F".

(1) No known water wells exist in the area.

(2) As shown in Exhibit "F", there are dry holes in Section 4, Section 12 and Section 13 of the same Township and Range as the location.

(3),(4),(5),(6),(7),(8),(9) There are no known temporarily abandoned, disposal or drilling wells in the area as well as no producing, shut-in, injection or observation wells.

4. Location of Existing and/or Proposed Facilities

A. There are no existing facilities owned or controlled by operater within a 1 mile radius of the location. However, a gas pipeline owned by Northwest Pipeline runs through Diamond Canyon and at the junction of the three canyons is approximately 3 miles from the location.

B. (1) Exhibit "H" shows all anticipated drilling and production facilities. All is planned for the well producing gas only.

4. Location of Existing and/or Proposed Facilities cont'd

(2) The dimensions of the facilities shown on Exhibit "H" are roughly drawn to a scale of 1 inch = 50 feet.

(3) No materials other than that available on location are anticipated to be needed for construction.

(4) Rehabilitation, whether the well is productive or dry, will be made on unused areas as soon as possible in accordance with plans drafted in Item 10 following. No water production is anticipated which would require flagging.

C. See Item 10 that follows for restoration plans.

5. Water Supply

A. It is anticipated that the well will be drilled with air to T.D. However, if necessary water may be obtained for drilling purposes by constructing a shallow backwater pool in the small perennial streams found in the upper reaches of either Diamond Canyon or Cottonwood Canyon. No new roads will have to be constructed for access. The construction of the pool and the accompanying requirements in terms of permission will be left up to the drilling contractor. The only other feasible water source known is the Colorado River approximately 30 miles away.

B. Transportation of any water used will be by trucks on existing roads or by pipeline, depending on the water source selected.

C. No water well will be drilled.

6. Construction Materials

A. ,B. ,C. ,D. No construction materials are needed for drilling operations. The sand, gravel and rock located in situ are adequate for any construction necessary in connection with either a dry or producing well. There is no access route needed for crossing Indian land. The access route for crossing Federal land is shown in green in Exhibit "E".

7. Handling Waste Disposals

(1) Drill cuttings will be buried in the reserve pit when covered.

(2) Drilling fluids will also be handled in the reserve pit.

7. Handling Waste Disposals cont'd

(3) Any fluids produced while drill stem testing or producing or other testing will be collected in a test tank set near the pipe baskets or near the well head. Any unavoidable spills of oil or other adverse substances or materials will be covered or removed immediately during drilling progress or during completion operations.

(4) Any sewage will be covered or removed.

(5) Garbage, wastes and non-flammable wastes, salts and other chemicals produced or used during drilling or testing will be handled in the reserve pit or kept in the trash or burn pit. The trash or burn pit will be covered with small wire mesh to provent scattering.

(6) The reserve pit, in addition to the trash or burn pit, will be fenced on three sides during drilling operations, and iron or other posts and wire fencing will be available on location immediately upon cessation of drilling and the fourth side of the reserve pit will be fenced prior to full removal of the rig from the location. Any other dangerous or harmful pits or sewage areas will also be fenced or covered at the time rig moves off location.

8. Ancillary Facilities

No airstrips, camps, or other living facilities will be built or needed.

9. Well Site Layout

(1) Exhibit "G" is the drill pad layout as staked by Powers Elevation Company. Elevation contours have been drawn on the plat by Fentress. The cut-fill cross section A-A' has been drawn from these contours. The placement of the 6 inch surface soil banks are also shown on this plat. Due to the steep nature of this location, it appears that up to approximately 20 feet of the toe of the bluff will have to be cut.

(2) The mud tanks, pits, rig orientation, etc. is shown on Exhibit "H". If the well is drilled by air, these facilities may change accordingly.

(3) Exhibit "H" also shows rig orientation parking and road in to drill pad. The orientation may be moved somewhat to parallel the stream. Also, the reserve pit may be elongated so as to disturb the stream bed as little as possible.

(4) The reserve pit will not be lined. Steel mud pits, if used, will be as shown in Exhibit "H".

10. Plans for Restoration

(1) Backfilling, leveling and contouring will be accomplished as soon as possible after plugging of the well, or immediately on those areas unused if production is obtained. Waste disposal and spoils materials will be buried or hauled away immediately before rig moves off location.

(2) Rehabilitation will be accomplished by spreading the banked topsoil over the area and contouring the banks that will be created in this heavily eroded area so that vegetation planted will be best protected from erosion. Revegetation will be accomplished using grasses or mixtures suited best for the dry, arid conditions encountered here. The access road will be revegetated as needed, but it may be preserved for continued use as local access which is currently unavailable.

(3) Prior to rig release, the fourth side of the reserve pit will be fenced and maintained until clean up operations are finished.

(4) Any oil or spills will be immediately cleaned up or flagged.

(5) Rehabilitation operations will commence as soon as the rig moves off location. However, revegetation will be delayed until the fall of 1977 or the spring of 1978 for optimum growth potential.

11. Other Information

(1) The location is situated in the midst of the Book Cliffs. Long, narrow canyons, the majority of which carry only intermittent stream flow, form the chief topographic features. This area receives very little annual precipitation, but is nevertheless subject to flash flooding. The canyon bottoms are predominantly alluvial or colluvial material consisting of poorly sorted boulders, gravel and sand. The soil, such as it is, is formed from this material and is primarily derived from the Tertiary Wasatch and Upper Cretaceous Mesaverde formations. The Wasatch formation is principally a brown and gray sandstone and siltstone and the Mesaverde Group is composed mainly of massive gray and buff sandstones and interbedded gray shales. Refer to Item 1 of Exhibit "B". Vehicles cannot negotiate the steep canyon walls formed by these resistant rocks.

The Flora consists of sagebrush, scrub oak, cacti, cedar and cottonwood in the vicinity of springs. Pine is observed at the higher elevations and grasses everywhere are sparse. The vegetation constitutes approximately

11. Other Information cont'd

30-50% of the ground cover. The remaining exposed soils material is highly erodible. The observed animal population is domesticated sheep and cattle and a few deer and rabbits. Other wildlife indigenous to a rugged, semiarid environment is presumed to exist.

(2) Grazing is the only observed surface use in this area. The surface ownership of the location is entirely Federal, and access across private lands on existing roads has already been approved.

(3) Water, if needed if air drilling is discontinued, poses no problem provided that one of the small streams mentioned in Item 5 A above can be backed up to form a pool 2 to 6 feet in depth. There are no occupied dwellings noted, nor are there any observable archaeological, historical or cultural sites in this area. It is doubtful that any such sites could survive unattended in this narrow, deep canyon due to its susceptibility to flooding.

The commencement of this well is planned for approximately June 15, 1977 and should drill to the casing point in 20 days or less.

12. Lessee's or Operators Representative

Mr. George H. Fentress
Environmental Engineering Co.
Agent Consultant for The
Anschutz Corporation
1645 Court Place, #229
Denver, CO 80202

Phone: (303) 825-0561
Res: (303) 279-4880

Mr. J.R. Hoover
The Anschutz Corporation, Inc.
1110 Denver Club Bldg.
Denver, CO 80202

Phone: (303) 573-5665
Res: (303) 795-8996

13. 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 The Anschutz Corporation, Inc. and its contractors and sub-contractors in conformity with this plan and their terms and conditions under which it is approved.

Date: April 26, 1977

George H. Fentress

Name: George H. Fentress
Title: Agent Consultant for
The Anschutz Corporation

TOPOGRAPHIC MAP

ANSCHUTZ CORP
#1 FEDERAL - 26I
2480'FN & 2310'FE 15-19S-22E
GRAND COUNTY, UTAH

EXHIBIT "G"
DRILL PAD CONTOURS & CUT-FILL SECTION
#1-Federal-261

by: Leonard Chrisman
Powers Elevation Company, Inc.

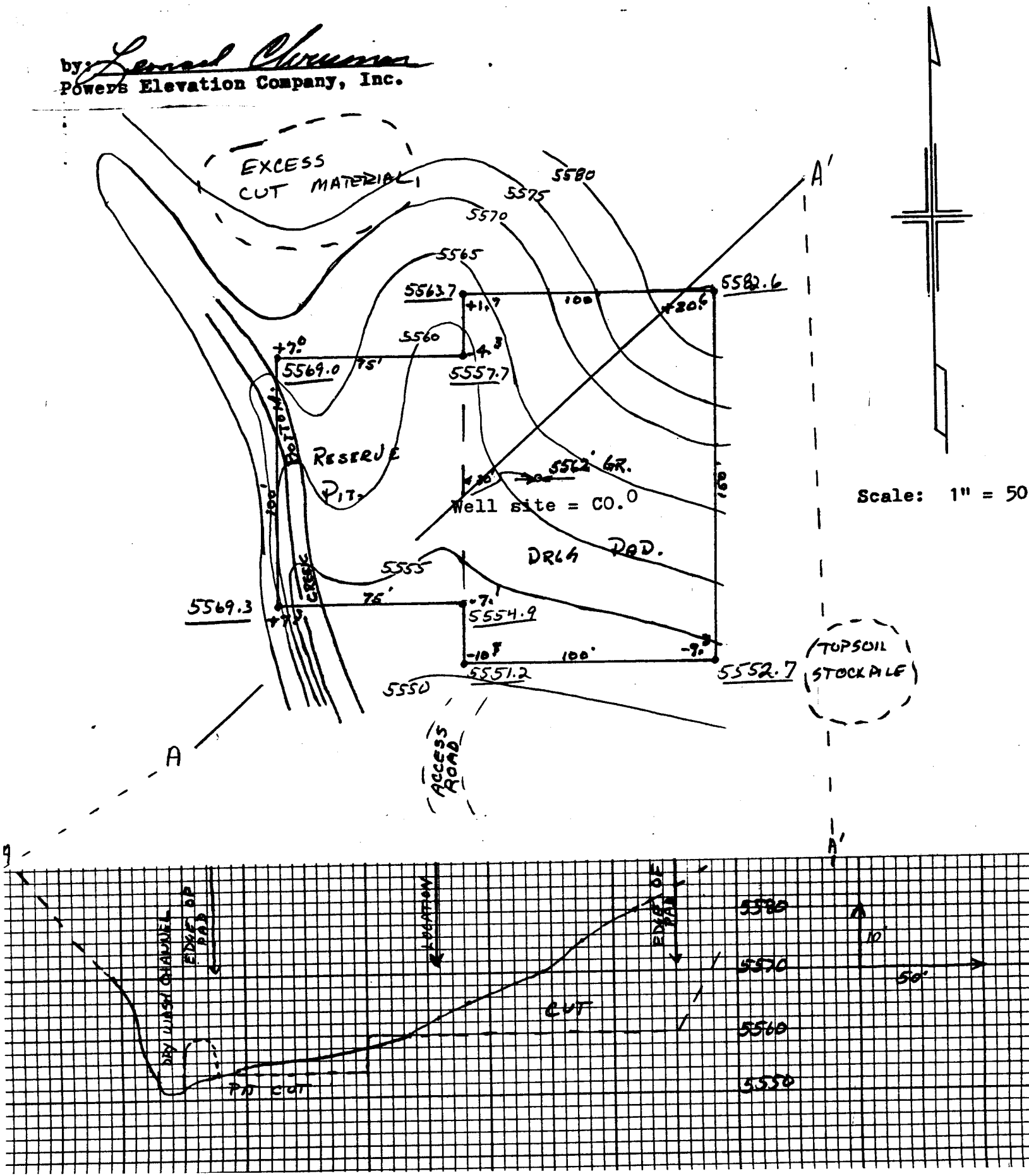
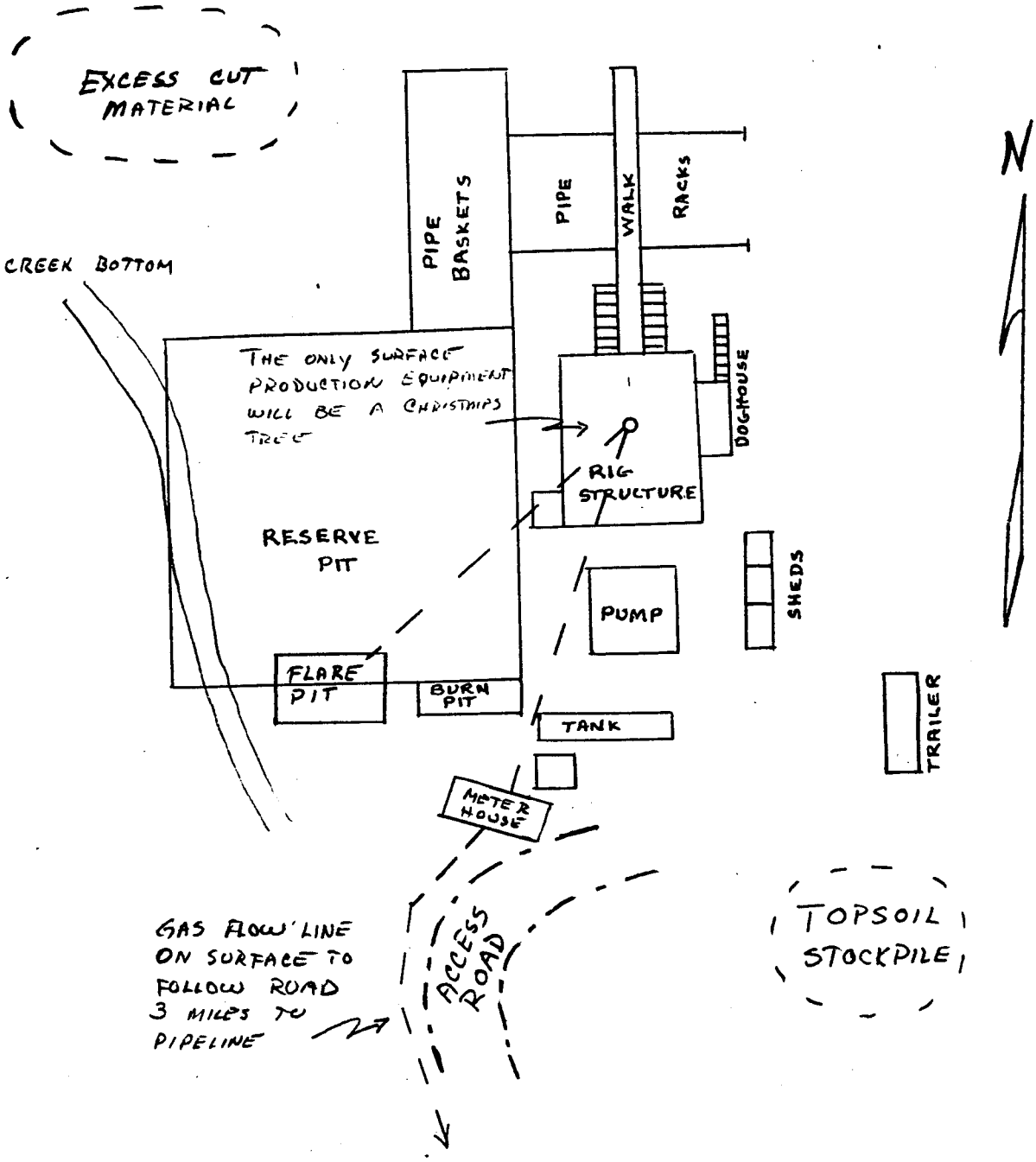


EXHIBIT "H"

SIMPLIFIED RIG LAYOUT

SMALL LOCATION

Showing Production Facilities and Location of Other Drill Pad Items



LOCATION MAY BE ORIENTED PARALLEL TO STREAM BED AND RESERVE PIT MAY BE ELONGATED SO AS TO DISTURB THE STREAM AS LITTLE AS POSSIBLE

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: June 15-

Operator: Auschutz Corp.

Well No: Fed. 261-#1

Location: Sec. 15 T. 19S R. 22E County: Grand

API NO-

File Prepared [✓] Entered on N.I.D. [✓]

Card Indexed [✓] Completion Sheet [✓]

CHECKED BY:

Administrative Assistant

Remarks: No other wells in Sec. 15 -

Petroleum Engineer

Remarks:

Director

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required Oil Fed.

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 [X]

O.K. Rule C-3 [ ] O.K. In Unit [ ]

Other:

[ ] Letter Written/~~Approved~~

June 15, 1977

The Anschutz Corporation
c/o George Fentress
Box 113
Wheat Ridge, Colorado

Re: Well No's:
#1 Federal 078,
Sec. 15, T. 18 S, R. 22 E,
#1 Federal 261,
Sec. 15, T. 19 S, R. 22 E,
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to wells is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure. However, it is requested that a copy of the Diamond Canyon Unit Agreement be submitted to this Division at your earliest convenience, an unexecuted copy will suffice.

Should you determine that it will be necessary to plug and abandon these wells, 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.

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 numbers assigned to these wells are:

#1 Fed. 078 - 43-019-30371 #1 Fed. 261 - 43-019- 30372

Very truly yours,

CLEON B. FEIGHT, Director

(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(reverse side)

5. LEASE DESIGNATION AND SERIAL NO.: U - 14261

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: —

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: Federal

2. NAME OF OPERATOR: The Anschutz Corporation

9. WELL NO.: 1-Federal 261

3. ADDRESS OF OPERATOR: 1110 Denver Club Building, Denver, Colorado 80202

10. FIELD AND POOL, OR WILDCAT: Wildcat

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 2480' FNL and 2310' FEL
At proposed prod. zone: same

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: 15-T19S-R22E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 42 miles from Thompson, Utah (Exhibit "E")

12. COUNTY OR PARISH: Grand — 13. STATE: Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
2310'	2359.72	640 ac
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	**19. PROPOSED DEPTH**	**20. ROTARY OR CABLE TOOLS**
None	4985'	Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 5562' ground 5570' KB

22. APPROX. DATE WORK WILL START*: June 15, 1977

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
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1. Drill 12 1/4" hole to 650' with air and set surface casing
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3. Run electric logs and run 4 1/2 casing if productive
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EXHIBITS ATTACHED

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"B" The Ten-Point Compliance Program
"C" The Blowout Preventer Diagram
"D" The Multi-Point Requirement for A. P. D.
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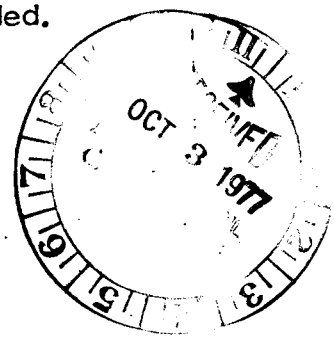


IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer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

24. SIGNED George H. Fentress — TITLE Agent Consultant for The Anschutz Corporation — DATE April 26, 1977

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY (ORIG. SGD.) E. W. GUYNN — TITLE DISTRICT ENGINEER — DATE SEP 30 1977

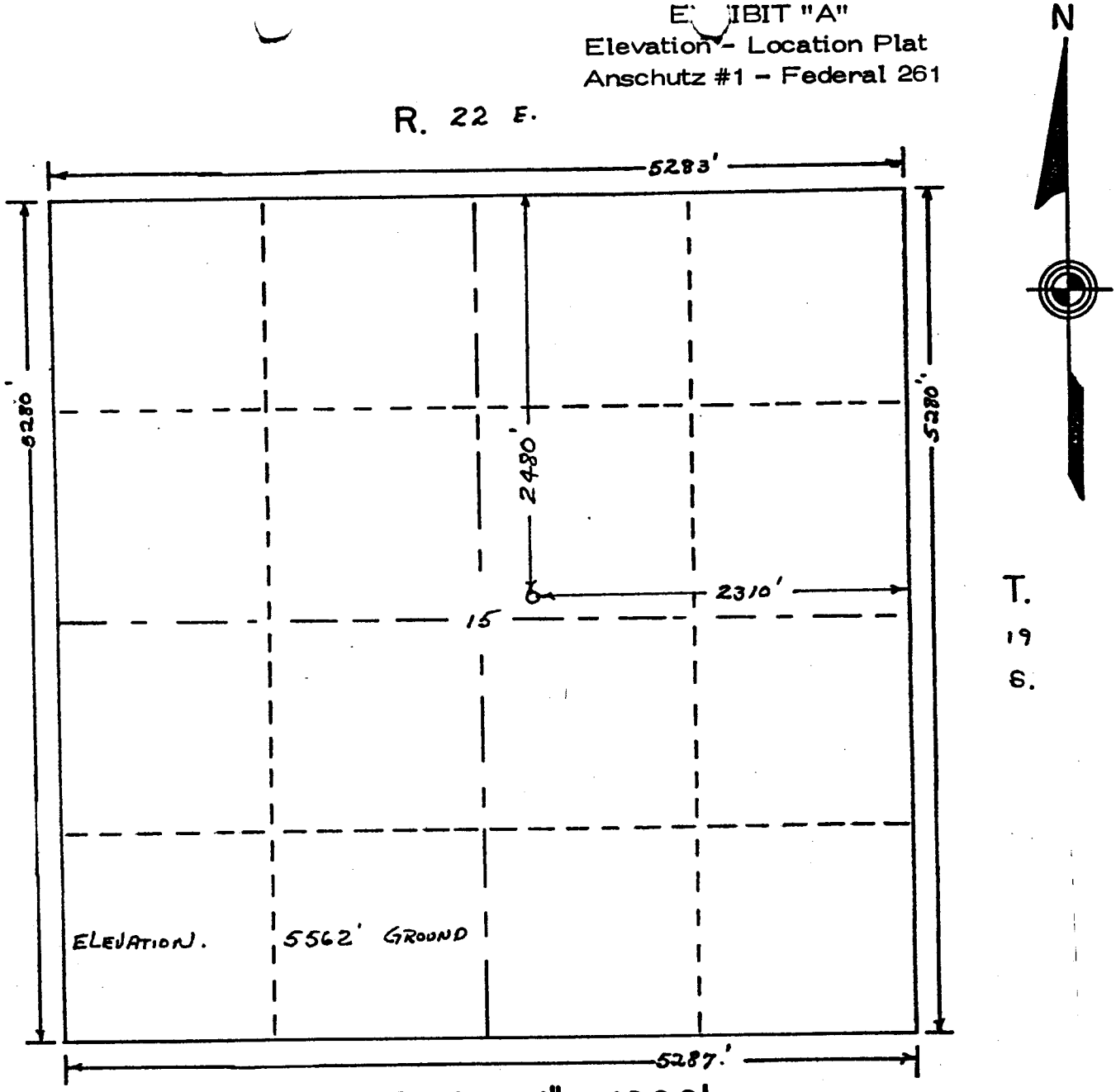
CONDITIONS OF APPROVAL, IF ANY:

approval notice, O & G Salt Lake

*See Instructions On Reverse Side

FORM F-106

EXHIBIT "A"
Elevation - Location Plat
Anschutz #1 - Federal 261



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 FEDERAL - 261 to be 2480'FN & 2310'FE Section 15 Township 19 S. Range 22 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 FEDERAL-261

Date: 4-8-77

T Thaloon
Licensed Land Surveyor No. #2711
State of UTAH.

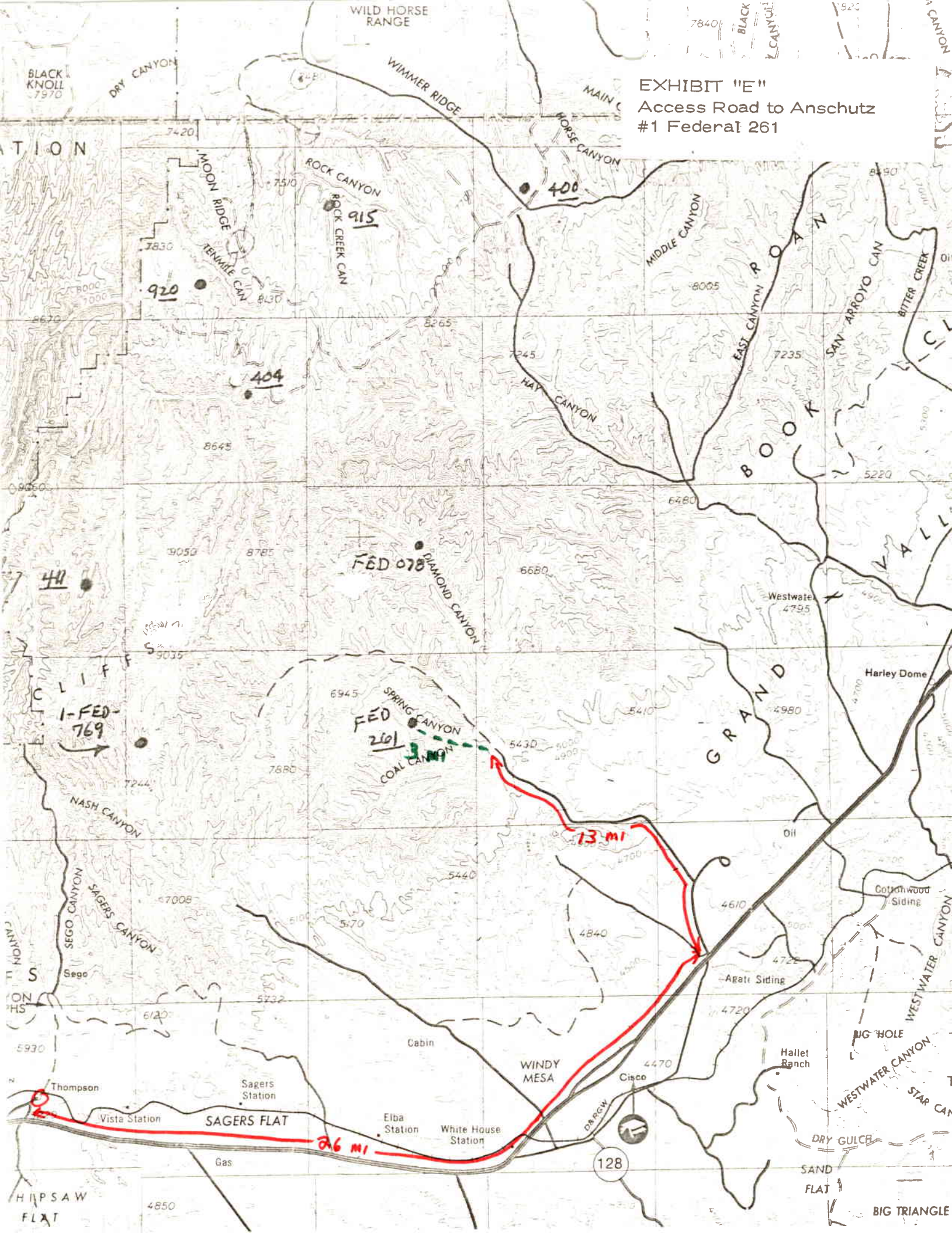


EXHIBIT "E"
Access Road to Anschutz
#1 Federal 261
WILD HORSE RANGE
BLACK KNOLL 7970
DRY CANYON
WIMMER RIDGE
MAIN
MOON RIDGE
TENMILE CAN
ROCK CANYON
ROCK CREEK CAN
HORSE CANYON
MIDDLE CANYON
EAST CANYON
SAN ARROYO CAN
BITTER CREEK
ROAN
BOOK
CLIFF
HAY CANYON
DIAMOND CANYON
SPRING CANYON
COAL CANYON
NASH CANYON
SEGO CANYON
SAGERS CANYON
GRAND
VALLEY
Westwater
Harley Dome
Oil
Cottonwood Siding
Agate Siding
WESTWATER CANYON
BIG HOLE
STAR CAN
DRY GULCH
SAND FLAT
BIG TRIANGLE
Sego
Cabin
WINDY MESA
Cisco
Hallet Ranch
Thompson
Sagers Station
Vista Station
SAGERS FLAT
Elba Station
White House Station
Gas
HIPSAW FLAT
D&RGW
128
400
915
920
404
411
FED 078
1-FED-769
FED 261
13 mi
26 mi

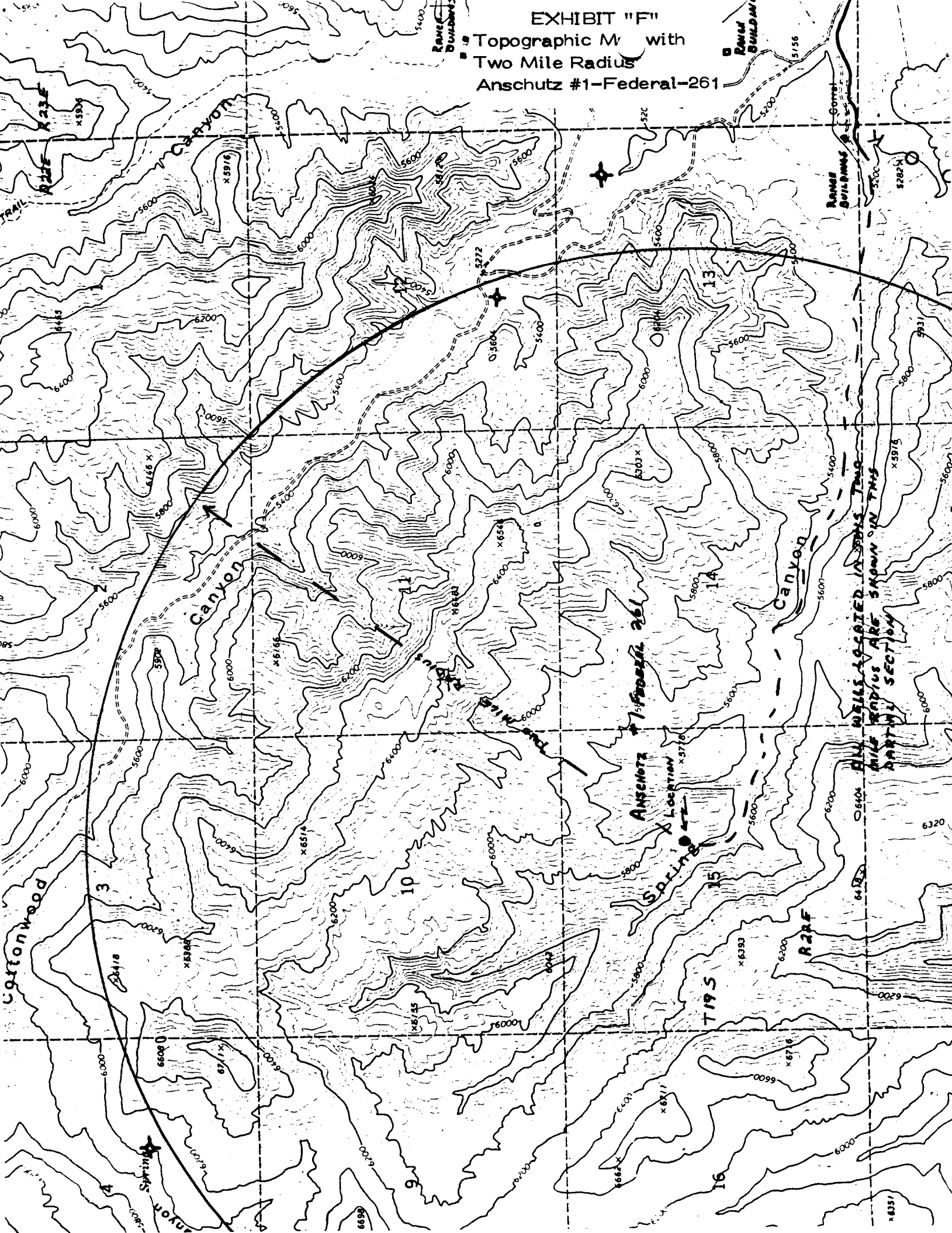


EXHIBIT "F"
Topographic M with
Two Mile Radius
Anschutz #1-Federal-261
Canyon
Canyon
Canyon
Cottonwood
Spring
Anschutz #1 Federal 261
Location
ALL WELLS LOCATED WITHIN TWO MILE RADIUS ARE SHOWN ON THIS PARTIAL SECTION
T19S
R22E
R21E
1
2
3
4
9
10
11
12
13
14
15
16

#501

ATTACHMENT 2-A

6/8/77
Anschutz Corporation
Well # 1-Fed 261
Sec 15 T19S., R22E
Grand, Ut
U-14261
U.S.G.S. Cook
B.L.M. Grunett
Anschutz - Bufford

[O] ENHANCES
[ ] NO IMPACT
[/] MINOR IMPACT
[X] MAJOR IMPACT

		Construction				Pollution				Drilling Production						Transport Operations			Accidents		Others
		Roads, bridges, airports	Transmission lines, pipelines	Dams & impoundments	Others (pump stations, compressor stations, etc.)	Burning, noise, junk disposal	Liquid effluent discharge	Subsurface disposal	Others (toxic gases, noxious gas, etc.)	Well drilling	Fluid removal (Prod. wells, facilities)	Secondary Recovery	Noise or obstruction of scenic views	Mineral processing (ext. facilities)	Others	Trucks	Pipelines	Others	Spills and leaks	Operational failure	
Land Use: Forestry	N.A																				
Land Use: Grazing	✓	/		/		/	/			/			/			/			/	/	
Land Use: Wilderness	N.A																				
Land Use: Agriculture	N.A																				
Land Use: Residential-Commercial	N.A																				
Land Use: Mineral Extraction	N.A																				
Land Use: Recreation	✓	O		/		/	/			/			/			/			/	/	
Land Use: Scenic Views	✓	/		/		/	/			/			/			/			/	/	
Land Use: Parks, Reserves, Monuments	N.A																				
Land Use: Historical Sites			none known																		
Land Use: Unique Physical Features	N.A																				
Flora & Fauna: Birds	✓	/		/		/	/			/			/			/			/	/	
Flora & Fauna: Land Animals	✓	/		/		/	/			/			/			/			/	/	
Flora & Fauna: Fish	N.A																				
Flora & Fauna: Endangered Species			none known																		
Flora & Fauna: Trees, Grass, Etc.	✓	/		/		/	/			/						/			/	/	
Phy. Charact.: Surface Water	✓	/		/		/	/			/						/			/	/	
Phy. Charact.: Underground Water	?																				
Phy. Charact.: Air Quality	✓					/				/						/					
Phy. Charact.: Erosion	✓																				
Phy. Charact.: Other																					
Effect On Local Economy	✓	O		O						O						O					
Safety & Health	✓	/		/		/	/			/						/			/	/	

Others

Loc moved 40' North

cc: Bur of Land Management Moab
Dept of Nat'l Res. Bd O&G Conservation Mgr, OK Denver
file

Lease U-14261

Well No. & Location #1 Federal 26I SEC 15-T19S., R22E
Grand, Utah

ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-B

1. Proposed Action

Anschutz Corporation PROPOSES TO DRILL AN OIL AND GAS TEST WELL WITH ROTARY TOOLS TO ABOUT 4,985 FT. TD. 2) TO CONSTRUCT A DRILL PAD 100 FT. X 150 FT. AND A RESERVE PIT 25 FT. X 100 FT. 3) TO CONSTRUCT 16 FT. X 3 MILES ACCESS ROAD AND UPGRADE — FT. X — MILES ACCESS ROAD FROM AN EXISTING AND IMPROVED ROAD.

2. Location and Natural Setting (existing environmental situation)

Location site is a narrow canyon with rock wall on the South West side and a ~~[illegible]~~ of drainage on the East side. There is a Spring in the drainage that surfaces ~~[illegible]~~ next to the proposed location.

Vegetation in the area is sagebrush, juniper and native grasses.

Wildlife in the area is deer, coyote and small animals native to the area with no known endanged species.

Primary surface use of the area are hunting and grazing.

~~From~~ There are no known historical sites in the area that would be effected and no evidence of archeologic sites was noted.

3. Effects on Environment by Proposed Action (potential impact)

1) EXHAUST EMISSION FROM THE DRILLING RIG POWER UNIT AND SUPPORT TRAFFIC ENGINES WOULD ADD MINOR POLLUTION TO THE ATMOSPHERE IN THE LOCAL VICINITY.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR VISUAL IMPACTS FOR A SHORT TERM DUE TO OPERATIONAL EQUIPMENT AND SURFACE DISTURBANCE.

4) TEMPORARY DISTURBANCE OF WILDLIFE AND LIVESTOCK.

5) MINOR DISTRACTION FROM AESTHETICS FOR SHORT TERM.

6) possible Pollution of the spring in drainage.

4. Alternatives to the Proposed Action

1) NOT APPROVING THE PROPOSED PERMIT -- THE OIL AND GAS LEASE GRANTS THE LESSEE EXCLUSIVE RIGHT TO DRILL FOR, MINE, EXTRACT, REMOVE AND DISPOSE OF ALL OIL AND GAS DEPOSITS.

2) DENY THE PROPOSED PERMIT AND SUGGEST AN ALTERNATE LOCATION TO MINIMIZE ENVIRONMENTAL IMPACTS.

3) Move the location 40 ft north to avoid possible Pollution of the spring

5. Adverse Environmental Effects Which Cannot Be Avoided

1) MINOR AIR POLLUTION DUE TO EXHAUST EMISSIONS FROM RIG ENGINES AND SUPPORT TRAFFIC ENGINES.

2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.

3) MINOR AND TEMPORARY DISTURBANCE OF WILDLIFE.

4) TEMPORARY DISTURBANCE OF LIVESTOCK.

5) MINOR AND SHORT-TERM VISUAL IMPACTS.

6)

6. Determination

(This requested action ~~does~~) (does not) constitute a major Federal action significantly affecting the environment in the sense of NEPA, Section 102(2) (c).

Date Inspected 6/8/77

Inspector E. R. Cook

U.S. Geological Survey,
Conservation Division
Salt Lake City District
Salt Lake City, Utah

U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH

Well	Location	Lease No.
The Anschutz Corporation 1-Federal 261	2480' FNL, 2310' FEL, Sec. 15, T19S, R22E, SLM, Grand Co., Utah Gr. El. 5562'	U-14261

1. Stratigraphy and Potential Oil and Gas Horizons. Well will spud in the Mesaverde Formation and test the underlying Dakota, Morrison and Entrada Formations forgas potential to a proposed T.D. of 4985'. Pacific Coast Gas Corp. No. 2 (5140' D.F.), Sec. 12, same twp., reported the following tops: Dakota 3787'; Morrison 3906'; Salt Wash 4225'; Entrada 4553'; T.D. 4659'. P & A. See APD 10 Point Compliance Program.

2. Fresh Water Sands. No wells in the vicinity of this test. WRD report from Sec. 7 of this TWP. indicates that fresh/usable water may be found in sandstone aquifers to depths of about 500'.

3. Other Mineral Bearing Formations. (Coal, Oil Shale, Potash, Etc.) Prospectively valuable for coal in the Mesaverde. USGS Bull. 852 states, however, that economic coal beds are not present in this twp.

4. Possible Lost Circulation Zones. Unknown

5. Other Horizons Which May Need Special Mud, Casing, or Cementing Programs. Protect any fresh water aquifers penetrated.

6. Possible Abnormal Pressure Zones and Temperature Gradients. Unknown

7. Competency of Beds at Proposed Casing Setting Points. Probably adequate

8. Additional Logs or Samples Needed. None

9. References and Remarks Within two miles of Book Cliffs Unit Area.

Date: 5-20-77 Signed: Thomas R Assay

THE ANSCHUTZ CORPORATION

1110 DENVER CLUB BUILDING
518 SEVENTEENTH STREET
DENVER, COLORADO 80202
TELEPHONE 303—573-5665

January 27, 1978

Mr. Cleon B. Feight, Director
Division of Oil, Gas & Mining
1588 West, North Temple
Salt Lake City, Utah 84916

Re: Federal 261 No. 1
SW NE Sec. 15-T19S-R22E
Grand County, Utah

1. Completion Report
2. Notice of plugging
3. Report of Water Encountered During Drilling

Dear Mr. Feight:

Enclosed please find the above referenced reports for our Federal 261-1 location. If you have any questions please call.

Thank you.

Sincerely,

W. Lee Kuhre

W. Lee Kuhre
Operations Coordinator

WLK:bv

Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE (See other instructions on reverse side)

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

7

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

RECEIVED FEB 2 1978 DIVISION OF OIL, GAS, & MINING

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: The Anschutz Corporation

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: SW NE Sec. 15 - T. 19S - R. 22E SLM
At top prod. interval reported below: 2480' FNL, 2310' FEL
At total depth: Same

5. LEASE DESIGNATION AND SERIAL NO.: 71-0-14261
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: ----------
7. UNIT AGREEMENT NAME: ----------
8. FARM OR LEASE NAME: Federal 261
9. WELL NO.: 1
10. FIELD AND POOL, OR WILDCAT: Wildcat
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: SW NE Sec. 15 T. 19S, R. 22E SLM

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-019-30372	3-26-74	Grand	Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
12-18-77	1-17-78	P&A 1-18-78	5570' KB 5562' GL	-----

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
5780'	----------	------	→	0-5780	--------

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: IES, GR density and CNL logs

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
8-5/8	24	1437'	12-1/4	80 sx	------

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*)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

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	CHOKE 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

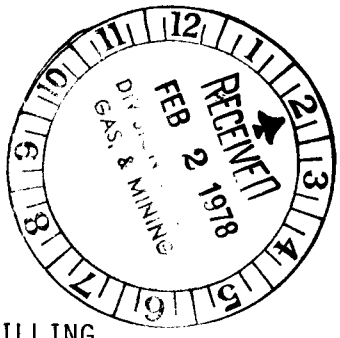
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED W. Lee Kuhre W. Lee Kuhre TITLE Operations Coordinator DATE 1-26-78

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

Form OGC-8-X
File In Quadruplicate

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 Federal 261 - 1

Operator THE ANSCHUTZ CORPORATION

Address 1110 Denver Club Building, Denver, Colorado

Contractor Jacobs Drilling Company

Address 405 Mayfield Drive, Grand Junction, Colorado 81501

Location SW 1/4 NE 1/4; Sec. 15 ; T. 19 ~~N~~ S; R. 22 E ~~W~~; Grand County

Water Sands:

	Depth: From -	To -	Volume: Flow Rate or Head -	Quality: Fresh or Salty -
1.	Surface - 1130		Not measured	
2.	1345 - 1380		" "	
3.	4917 - 5073		" "	
4.	5365 - 5378		" "	
5.	5684 - 5780		" "	

(Continue on Reverse Side if Necessary)

Formation Tops:

Mesa Verde	Surface	Morrison	5074'
Mancos	1330'	Salt Wash	5365'
Dakota	4917'	Entrada	5684'

NOTE: (a) Upon diminishing supply of forms, please inform this office.
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
(c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form 9-329 Rev. Feb 76
OMB 42-R0356

MONTHLY REPORT OF OPERATIONS

Lease No. 71-014261

Communitization Agreement No. na
Field Name Unnamed
Unit Name na
Participating Area na
County Grand State Utah
Operator THE ANSCHUTZ CORPORATION

☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of October, 1978

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & ¼ of ¼	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1	15 SW NE	19S	22E	TA					Waiting on Restoration Approval

261

*If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month		XXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXX
*Produced			
*Sold			XXXXXXXXXXXXXXXXX
*Spilled or Lost		XXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXX		XXXXXXXXXXXXXXXXX
*Used on Lease			XXXXXXXXXXXXXXXXX
*Injected			
*Surface Pits	XXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXX	
*Other (Identify)			
*On hand, End of Month		XXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXX
*API Gravity/BTU Content			XXXXXXXXXXXXXXXXX

Authorized Signature: Mary Lou Erger

Address: 2400 Anaconda Tower
Denver, Colorado 80202

Title: Production Clerk (303) 825-6100

Page _____ of _____

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.2

5. LEASE DESIGNATION AND SERIAL NO.
Utah 11-0-14261

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
---

7. UNIT AGREEMENT NAME
---

8. FARM OR LEASE NAME
Federal 261

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SW NE Sec. 15 - T. 19S - R. 22E SLM

12. COUNTY OR PARISH
Grand

13. STATE
Utah

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 ☐ GAS WELL ☐ OTHER Dry Hole

2. NAME OF OPERATOR
The Anschutz Corporation

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.* See also space 17 below.)
At surface
SW NE Sec. 15 - T. 19S, R. 22E, SLM
2480' FNL and 2310' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5570' KB 5562' GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	X
REPAIR WELL	☐	CHANGE PLANS	☐				
(Other)				(Other)			

(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.) *

This well was drilled to a total depth of 5780' KB in the Entrada fm. Electric logs were run to total depth. No potential pay zones were indicated on logs, and there were no cores or tests. 1476' of surface casing was left in the hole. The well was loaded with 9 lbs/gal mud and plugged on 1-18-78, setting plugs as follows:

Depth	Cement
5780-5600'	38 sx
5175-5075'	21 sx
4800-4650'	32 sx
1450-1350'	25 sx
Surface w/marker	10 sx

Because of snow surface restoration must be delayed. Notification will be given when this work is completed.

RECEIVED
SEP 23 1981
DIVISION OF OIL, GAS & MINING

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

SIGNED W. Lee Kuhre TITLE Operations Coordinator DATE 1-26-78
W. Lee Kuhre

(This space for Federal or State office use)

APPROVED BY TITLE FOR E. W. GUYNN DISTRICT ENGINEER DATE SEP 22 1981
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Utah State Oil & Gas