

# FILE NOTATIONS

Entered in NID File ✓

Entered On S R Sheet \_\_\_\_\_

Location Map Pinned \_\_\_\_\_

Card Indexed ✓

I W R for State or Fee Land \_\_\_\_\_

Checked by Chief \_\_\_\_\_

Copy NID to Field Office \_\_\_\_\_

Approval Letter \_\_\_\_\_

Disapproval Letter \_\_\_\_\_

## COMPLETION DATA:

Date Well Completed 5-14-77

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 \_\_\_\_\_

STATE OF UTAH  
DIVISION OF OIL, GAS, AND MINING

\*\* FILE NOTATIONS \*\*

Date: Feb 28-1977  
Operator: The Auschutz Corp.  
Well No: Federal 263-#1  
Location: Sec. 10 T. 19S R. 23E County: Grand

File Prepared  Entered on N.I.D.   
Card Indexed  Completion Sheet

CHECKED BY:

Administrative Assistant [Signature]  
Remarks: No other well in Sec. Outside 102-5 Spring  
Petroleum Engineer ok to  
Remarks: >  
Director \_\_\_\_\_  
Remarks: \_\_\_\_\_

INCLUDE WITHIN APPROVAL LETTER:

Bond Required  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: \_\_\_\_\_

Letter Written/Approved

February 28, 1977

The Anschutz Corporation  
1110 Denver Club Building  
Denver, Colorado 80202

Re: Well No. Federal 263 - #1  
Sec. 10, T. 19 S, R. 23 E,  
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well 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:

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.

The API number assigned to this well is 43-019-30340.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT  
DIRECTOR

CBF:sw  
cc: U.S. Geological Survey

*W.S.S.S.*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

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 Corp., Inc.

3. ADDRESS OF OPERATOR  
 1110 Denver Club Bldg. Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface NW.SE.SEC.10,T.19 S.,R.23 E.,S.L.M.  
 At proposed prod. zone 1978' from E-line & 1980' from S-line

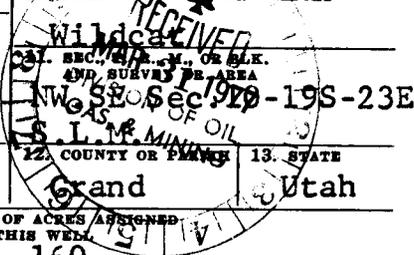
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approx. 13 miles NW. of Cisco, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 1978'  
 16. NO. OF ACRES IN LEASE

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3 miles  
 19. PROPOSED DEPTH 4125'

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5085' grd.; 5095' K.B.  
 22. APPROX. DATE WORK WILL START\* Mar. 15, 1977

5. LEASE DESIGNATION AND SERIAL NO. U-14263  
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 7. UNIT AGREEMENT NAME  
 8. FARM OR LEASE NAME Federal  
 9. WELL NO. #1 Fed.263  
 10. FIELD AND POST OR WILDCAT  
 11. SEC., T., R., OR B.L.K. AND SURVEY OR AREA  
 NW SE Sec 10-19S-23E  
 12. COUNTY OR PLANNED 13. STATE  
 Grand Utah



23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10 3/4"	7 5/8"	26.40#	150 ft.	75 sks.

It is planned to drill a well at the above location to test the natural gas production possibilities of the sands in the Dakota, Cedar Mountain, and Morrison formations. The well will be drilled with rotary tools using air for circulation. The surface casing, ~~10 3/4"~~ 7 5/8", will be set at approx. 150 ft. and cemented with returns to the surface. A blowout preventer will be installed on the top of the casing head, and a rotating head will be installed on the top of the blowout preventer. Any gas encountered will be flared at the end of the blowout line and roughly checked for volume thru 2" lines off the casing head after the pipe rams have been closed. In the event of commercial production, 4 1/2" casing will be run and cemented with sufficient cement to bring the top of the cement about 250' above the top of the Dakota formation. A prognosis for the well is attached hereto.

*Approval Notice Utah Div. of Oil & Gas Mining*  
 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.

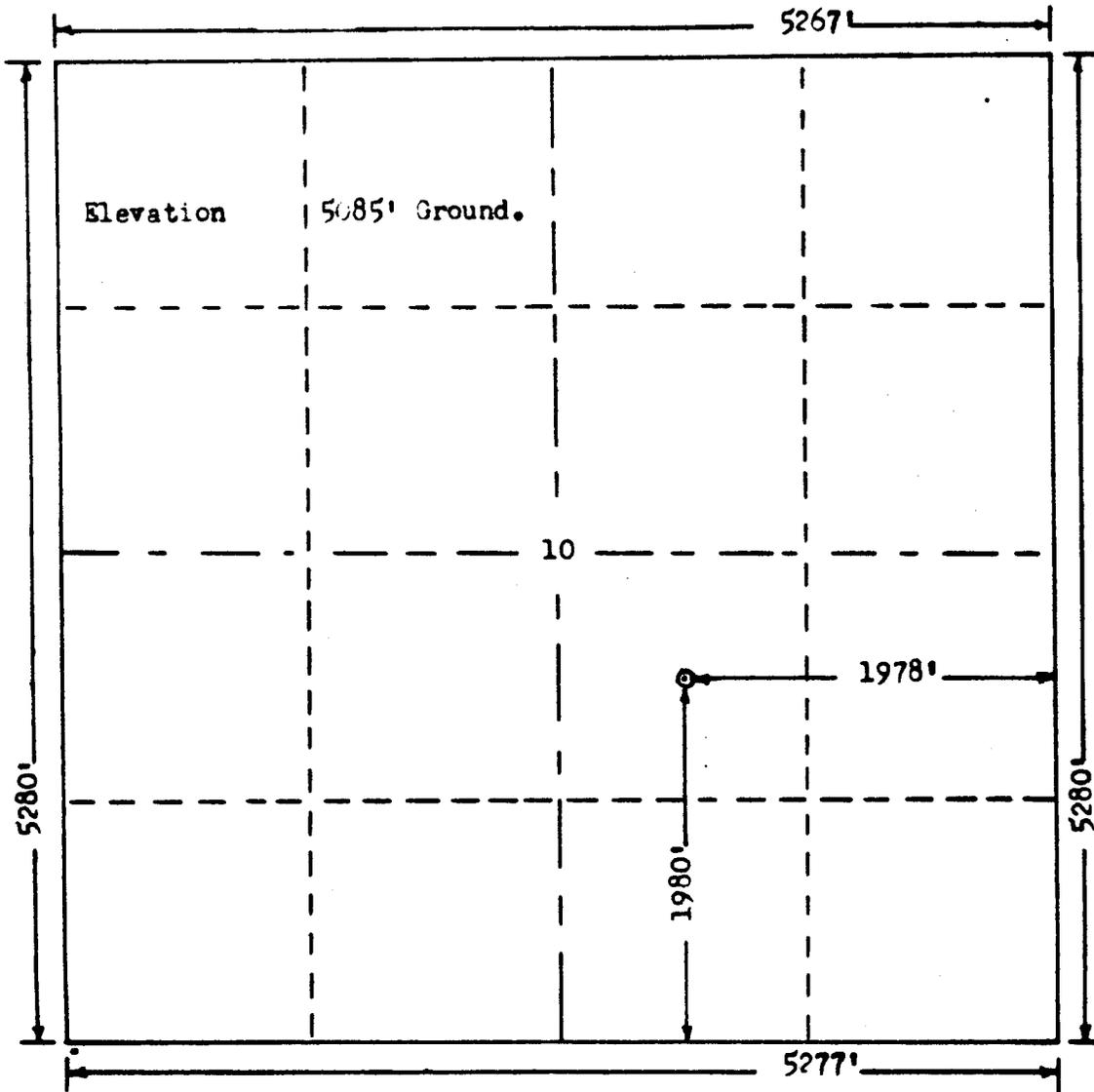
24. SIGNED *H. Row Gingley* TITLE Cons. Geol. DATE Feb. 24, 1977

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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



R. 23 E.



T. 19 S.

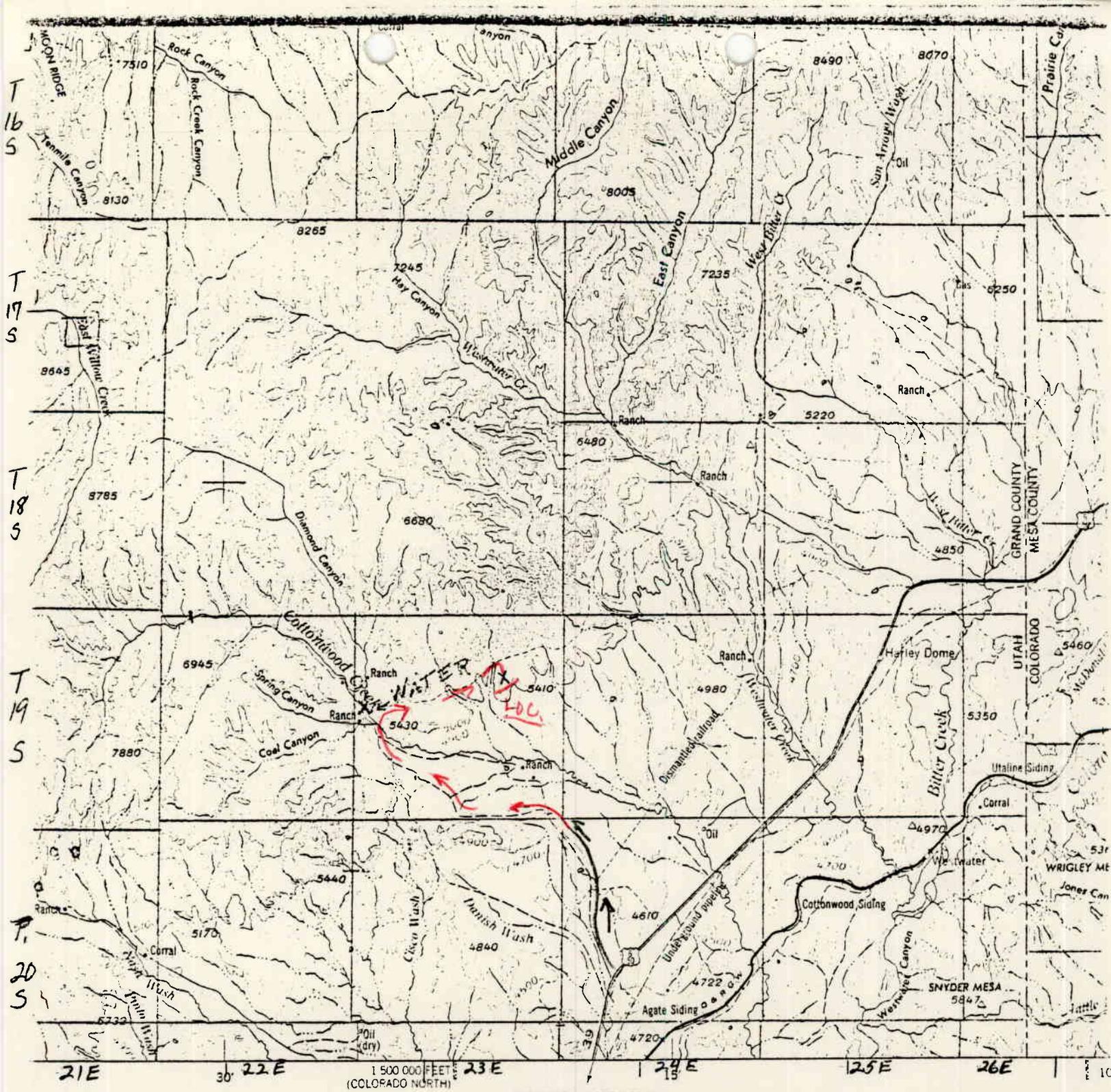
Scale... 1" = 1000'

**Powers Elevation Company, Inc. of Denver, Colorado**  
 has in accordance with a request from Mr. Wakefield  
 for **Anschutz Corporation**  
 determined the location of #1 Federal-263  
 to be C NW SE Section 10 Township 19 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 Federal-263

Date: 1-20-77

*T. Nelson*  
 Licensed Land Surveyor No. 2711  
 State of Utah

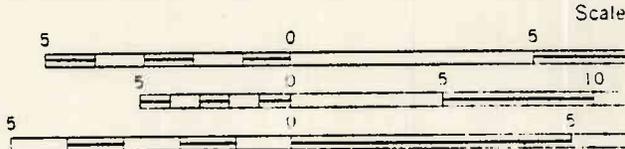


**LEGEND**  
ROAD DATA 1956

Red stars in red denote approximate distances in miles between stars

ROADS	
Hard surface, heavy duty	3 LANES 4 LANES
More than two lanes wide	3 LANES 4 LANES
Two lanes wide, Federal route marker	3 LANES 4 LANES
Hard surface, medium duty	3 LANES 4 LANES
More than two lanes wide	3 LANES 4 LANES
Two lanes wide, State route marker	3 LANES 4 LANES
Improved light duty	3 LANES 4 LANES
Unimproved dirt	3 LANES 4 LANES
Trail	3 LANES 4 LANES

Landplane airport	Landmarks: School, Church, Other
Landing area	Horizontal control point
Seaplane airport	Spot elevation in feet
Orchard	Marsh or swamp
Woods brushwood	Intermittent or dry stream
	Power line



CONTOUR INT  
WITH SUPPLEMENTARY CON  
TRANSVERSE ME  
**MAP #1**

1955 MAGNETIC DECLINATION FOR THIS SHEET VARIES FROM 14° 45' EASTERLY FOR THE CENTER OF THE SHEET

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER



SUMMARY OF ENVIRONMENTAL IMPACT EVALUATION

# 403

ATTACHMENT 2-A  
 ANCHUTZ CORP  
 #1 FED. 263  
 NW SE SEC 10 + 19S R23E  
 GRAND COUNTY UTAH  
 LEASE # U-14263  
 G.S. - DENNIS  
 BLM. - LAUREN ROBISON  
 REP. - QUIGLEY

- ENHANCES
- NO IMPACT
- MINOR IMPACT
- 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

Forestry	N/A																		
Grazing	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Wilderness	N/A																		
Agriculture	N/A																		
Residential-Commercial	N/A																		
Mineral Extraction	/	0	0	/	/	/	0	/	/	0	/	/	/	/	/	/	/	/	/
Recreation	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Scenic Views	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Parks, Reserves, Monuments	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Historical Sites	N/A																		
Unique Physical Features	N/A																		
Birds	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Land Animals	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Fish	N/A																		
Endangered Species	NONE KNOWN																		
Trees, Grass, Etc.	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Surface Water	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Underground Water	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Air Quality	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Erosion	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Other																			
Effect On Local Economy	/	0	0	/	/	/	0	/	/	0	0	/	/	/	/	/	/	/	/
Safety & Health	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Others	Dry Fee cc: Ag - Dennis BLM - Lauren Robison \$86m - utility																		

Phy. Char. Col. 11/10/03

Lease U- 1263

Well No. & Location #1 FED 263 NW SE SEC. 10 T19S R23E

GRAND COUNTY, UTAH

ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-B

1. Proposed Action

The Anschutz Corp. PROPOSES TO DRILL AN OIL AND GAS TEST WELL WITH ROTARY TOOLS TO ABOUT 4125 FT. TD. 2) TO CONSTRUCT A DRILL PAD 200 FT. X 250 FT. AND A RESERVE PIT 70 FT. X 100 FT. 3) TO CONSTRUCT 2500 FT. X \_\_\_\_\_ MILES ACCESS ROAD AND UPGRADE \_\_\_\_\_ FT. X 4.5 MILES ACCESS ROAD FROM AN EXISTING AND IMPROVED ROAD.

2. Location and Natural Setting (existing environmental situation)

This site is located on a flat ~~plateau~~ plateau covered with sagebrush, rabbit brush, and native grasses. The surface is Mancos shale & redish brown dirt. Fauna in the area consists of rabbits, ground squirrels, a few coyotes, mice & other rodents - birds in the area are prairie hawks, finches, and a few magpie & ravens -

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

1) EXHAUST EMISSIONS FROM THE DRILLING RIG POWER UNITS 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)

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) *NO ALTERNATE LOCATION COULD BE FOUND TO justify this ACTION*

5. Adverse Environmental Effects Which Cannot Be Avoided

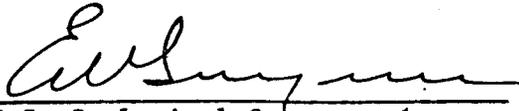
- 1) MINOR AIR POLLUTION DUE TO EXHAUST EMISSIONS FROM RIG ENGINES AND SUPPORT TRAFFIC ENGINES.
- 2) MINOR INDUCED AND ACCELERATED EROSION POTENTIAL DUE TO SURFACE DISTURBANCE AND SUPPORT TRAFFIC USE.
- 3) MINOR AND TEMPORARY DISTURBANCE OF WILDLIFE.
- 4) TEMPORARY DISTURBANCE OF LIVESTOCK.
- 5) MINOR AND SHORT-TERM VISUAL IMPACTS.
- 6)

6. Determination

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

Date Inspected 3-25-77

Inspector *John Dennis*

  
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.
Anschutz Corp., Inc. 1 Feb. 263	NW 1/4 SE 1/4 Sec. 10, 19 S., 23 E., SLM, Grand Co, Utah. 1978 FEL, 1980 FSL	U 14263
<p>1. Stratigraphy and Potential Oil and Gas Horizons. <i>surface-mancos (Castlegate ss Member), Dakota (3310), Cedar Mt (3400), Morrison (3515), Sumnerville (4000), Entrada (4060), - gas possible - from Morrison, Dakota, Cedar Mt.</i></p> <p>2. Fresh Water Sands. <i>Possible to 500 feet, probably none</i></p> <p>3. Other Mineral Bearing Formations. <i>(Coal, Oil Shale, Potash, Etc.) some coal possible in the Dakota</i></p> <p>4. Possible Lost Circulation Zones. <i>unknown</i></p> <p>5. Other Horizons Which May Need Special Mud, Casing, or Cementing Programs. <i>unknown</i></p> <p>6. Possible Abnormal Pressure Zones and Temperature Gradients. <i>none expected</i></p> <p>7. Competency of Beds at Proposed Casing Setting Points. <i>unknown</i></p> <p>8. Additional Logs or Samples Needed. <i>1000, 23, 15</i></p> <p>9. References and Remarks <i>USGS files.</i></p>		
Date: 3-3-17		Signed: <i>[Signature]</i>

DRILLING PROGNOSIS AND OPERATIONAL PROCEDURE  
( Place in dog-house for all drilling personnel )

Date

Anschutz Corp.  
WELL NAME: #1 Federal 263  
LOCATION: NW SE Sec. 10-T19S-R23E  
FIELD: Wildcat  
COUNTY: Grand  
STATE: Utah  
PERMIT NO:  
ELEVATION: 5085' Ground 5095 Est. KB  
QZ CARD NO: Before grading

EXPECTED FORMATION TOPS:

	<u>Depth From KB (Est.)</u>
Dakota	3310'
Morrison	3515'
Summerville	4000'
Entrada	4060'
Total Depth	4110'

CONTRIBUTING COMPANIES:

NARMCO

SAMPLE REQUIREMENTS: Wash samples clean and store in area where they will not become dirty or contaminated. Hang in groups of 100'. Each Driller is responsible for quality of samples and accuracy while on tour. Samples every 30' from base surface casing to 2500'.

10' Samples from 2500 to total depth.

Additional samples & circulation samples to be caught on wellsite geologists request.

GEOLOGRAPH CHARTS: Synchronize 5' marks with each 5' of penetration; when not drilling accurately show reason for downtime and depth; keep footage and bit board synchronized; show all pertinent information as it occurs. Geologist: re-check board tally between pipe straps.

PIPE MEASUREMENT (SLM): Strap pipe on last trip before reaching the Dakota.  
Strap pipe before logging.

MUD LOGGER UNIT: (Not Scheduled)

MUD PROGRAM: Well should be drilled with air from base surface casing to TD. If air drilling program is abandoned, then mud should have sufficient properties to maintain a good hole condition and return samples. From Dakota to TD maintain 40-50 visc. and keep water loss at 5cc or less to prevent excess formation damage.

DRILL STEM TESTS: If air drilling program is stopped, then drill stem tests should be run on any significant shows in the Dakota, Morrison (Salt Wash) and Entrada zones. These tests should be run on the way down.

ELECTRIC LOGS: Schlumberger

AIR FILLED HOLE

GR - Induction log (TD to base surface casing)  
GR - FDC-SNP w/caliper (TD to 200' above Dakota)

FLUID FILLED HOLE

IES - (TD to base surface casing)  
GR - FDC-CNL w/caliper (TD to 200' above Dakota)

CORES:

(Not Scheduled)

CALL DEPTH: Call geologist in sufficient time for him to be on location while drilling surface hole. Geologist should also be notified again before reaching Dakota.

STOP DEPTH: Do not set surface casing before geologist confirms Mancos top.

WELL SITE GEOLOGIST:

Will advise.

SUBMITTED BY:

Phil Herrington - Geologist  
Office: 303-573-5665  
Home: 303-494-0576

SURFACE USE & OPERATIONS PLAN  
FOR

THE ANSCHUTZ CORP.  
#1 FED. 263 WELL  
GRAND COUNTY, UTAH

1. A survey plat showing the location of the proposed well site is attached (See Plat No.1). Map No.1 shows the route to the well site from Hwy. 1-70 at the eastern Cisco Exit. Map No.2 shows the secondary roads into the location and secondary roads in the surrounding area. It is about 17 miles to the location from the highway. These roads are in good shape and will support heavy trucks. The last  $4\frac{1}{2}$  mile (see red arrows) will need some grading over the washes and up the gentle grades. This work will be minimal. The location is about  $\frac{1}{2}$  mi. from this road so the amount of new road is very little.
2. Planned Access Roads: The enclosed Map No.1, is submitted showing the short access road ( $\frac{1}{2}$  mi. long) from the present road which will be required. This road is across level ground and will require no cuts or extensive grading. This road will be approx. 14' wide. No cattle guards, culverts, or deep cuts will be required on the present secondary road. It will need to be graded over the last  $4\frac{1}{2}$  mile. The crossing at Cottonwood Creek will be at stream level.
3. Location of Existing Wells: See attached map.
4. Location of Production Equipment: A plan for the anticipated production equipment, if the well is successful, is submitted on Plat No.2. When production ceases this equipment will be removed and the land surface graded, levelled and reseeded.
5. Water Supply Very little water will be required for the drilling of subject well; and will be hauled by truck from the Cottonwood Creek at a point about  $4\frac{1}{2}$  miles SW of the well site (See map).
6. Road Material: No additional road material, gravel, sand or culverts, will be required for the proposed drilling operations.
7. Waste Disposal: A reserve and burn pit will be constructed at the well site. All excess water, mud, and drill cuttings will be deposited into the reserve pit. Burnable material and garbage will be put into the burn pit. Both of these pits will be folded in and covered as soon as feasible after the cessation of drilling operations.
8. Camp Facilities and Airstrips: No camp facilities other than two or three house trailers at the well site will be needed. No airstrips will be required.

9. Well Site Layout: A plan for the drilling equipment layout required for the drilling operations is submitted on Plat No. 3. The approximate dimensions of the drill site are shown. The site will be levelled for this equipment. Since the site is quite level, it will not be necessary to make any deep cuts or major surface shift. The reserve pit will be about 4 ft. deep with 4-ft. banks. The sage brush will be removed.
10. Restoration: After the drilling operations have been concluded and the equipment removed, the well site area will be cleaned, levelled and restored to normal. The pits will be covered and the area reseeded, if the well is not successful. Otherwise the site will be levelled and prepared for the placement of the production equipment. This work will be accomplished within 30 days after the drilling equipment has been removed.
11. Land Description : The proposed well site is on the gentle slope of a Mancos plateau and is on fairly level ground that is covered with heavy sage brush. There is only two small juniper trees on the site area. The surface is Mancos shale, and some gravel from erosion and deposition along the wash. Very little grading to the location will be required.
12. Representative: The operators representative at the well site will probably be W. Don Quigley, 303 Phillips Petro. Bldg., Salt Lake City, Utah. The location work and restoration work will probably be done by C&W Construction Company of Moab, Utah.
13. Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the drill site and access route; that I am familiar with the conditions which presently exist; that 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 and its contractors in conformity with this plan and terms and conditions under which it is approved.

Date: Feb. 24, 1977

W. Don Quigley  
W. Don Quigley, Consultant

PLAN FOR PRODUCTION EQUIPMENT

THE ANSCHUTZ CORPORATION

#1 FED.263 WELL

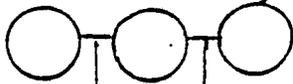
NW.S.E.SEC.10-19S-23E

GRAND COUNTY, UTAH

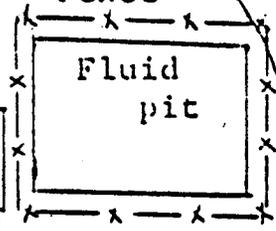
New road



Tank battery (if oil)



Fence



Fluid pit

Dehydrator (if gas)

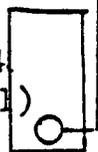


Heater-treater (if oil)

Gas line (buried)

Flow line (buried)

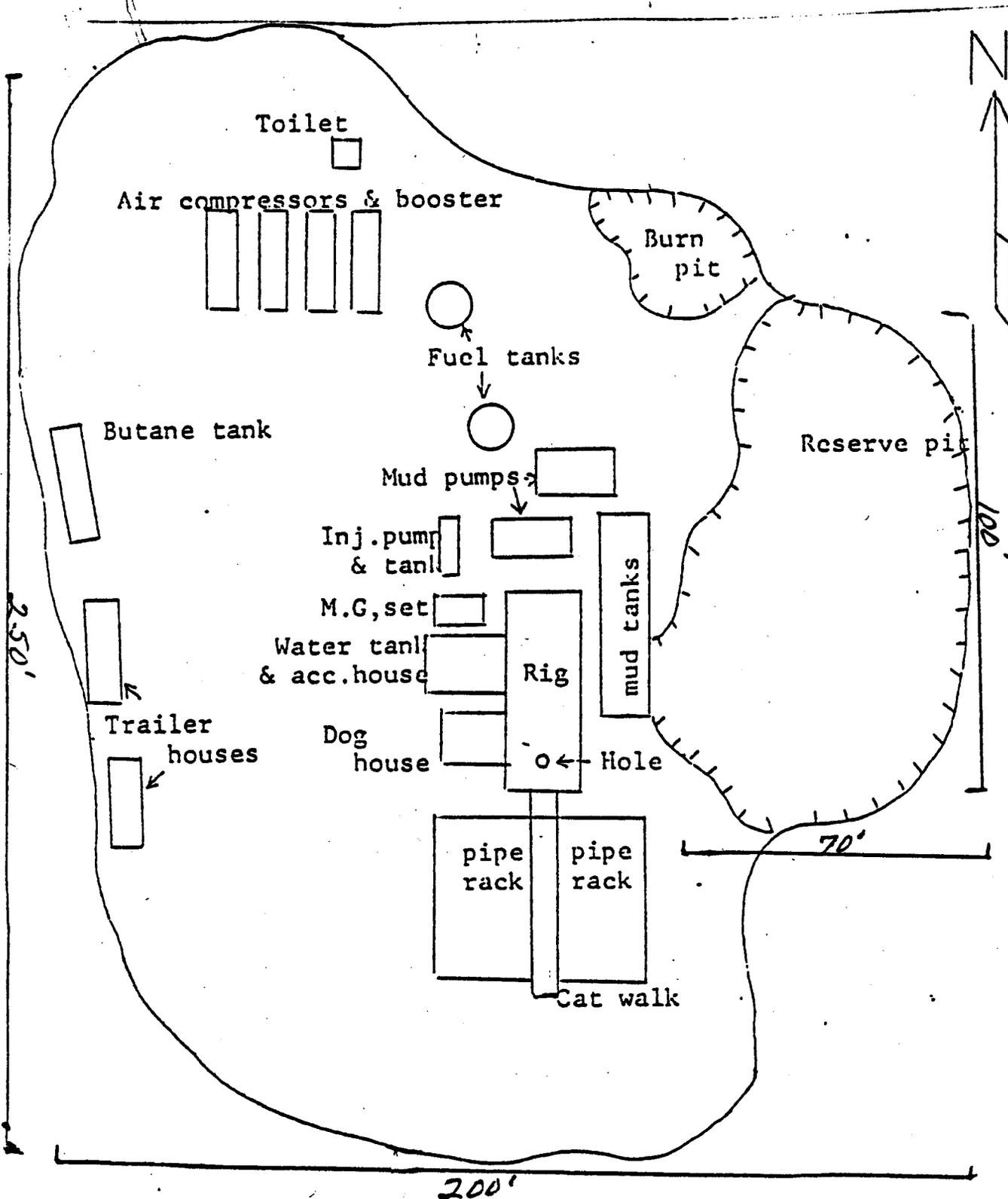
Pump jack (if oil)



Well head

To main gas line (if g)

LOCATION PLAN FOR  
THE ANSCHUTZ CORPORATION  
# 1 FED. 26 3 WELL  
NW. SE. SEC. 10, -19S-23E  
GRAND COUNTY, UTAH



Scale: 1 in. = approx. 35 ft.

THE ANSCHUTZ CORPORATION  
#1 FED. 263 WELL  
NW. SE. SEC. 10-19S-23E  
GRAND COUNTY, UTAH

The following control equipment is planned for the above designated well: (See attached diagram).

1. Surface Casing:
  - A. Hole size for surface casing is 10 3/4"
  - B. Setting depth for surface casing is approx. 150 ft.
  - C. Casing specs. are: 7 5/8" D.D., J-55, 26.40#, 8 rd. thread, new or used.
  - D. Anticipated pressure at setting depth is approx. 20 lbs.
  - E. Casing will be run using three centralizers and a guide shoe, and will be cemented with 60 sks of cement with returns to the surface.
  - F. Top of the casing will be at ground level.
2. Casing Head:

Flange size: 10", A.P.I. Pressure rating: 2000# W.P., Series 600; Cameron, OCT, or equivalent; new or used; equipped w/two 2" ports with nipples and 2", 2000# W.P. ball or plug valves. Casing head and valves set above ground level.
3. Intermediate Casing:

None.
4. Blowout Preventors:
  - A. Double rams; hydraulic; one set of blind rams; one set of rams for 3 1/2" or 4" drill pipe; 10" flange; 2000# or greater W.P.; Series 900; equipped with mechanical wheels and rod for back-up; set on top of casing head flange and securely bolted down, and pressure tested for leaks up to 2000# p.s.i.
  - B. Rotating Head:

Shaffer, Grants or equivalent; set on top of blowout preventor and bolted securely; complete with kelly drive, pressure lubricator; 3 1/2" or 4" rubber for 2000# W.P.; need not have hydril assembly on bottom.
  - C. Fill and Kill Lines:

The fill and kill lines (2" tubing or heavy duty line pipe) are to be connected thru the 2" valves on the casing head.
5. Auxillary Equipment:

A float valve is to be used in the bottom drill collar at all times. A string float will also be used in the drill pipe and kept within 200'-300' of the surface.
6. Anticipated Pressures:

The shut-in pressures of the Dakota, Cedar Mountain, and Morrison formations at depths of 3000' to 4000' in the area have been measured at about 1000# to 1500# maximum.
7. Drilling fluids:

Air or soap-water mist will be used to drill the subject well. In case of excessive caving problems, it may be

necessary to convert to mud.

8. Production Casing:

A. Hole size for production casing will be 6 3/4".

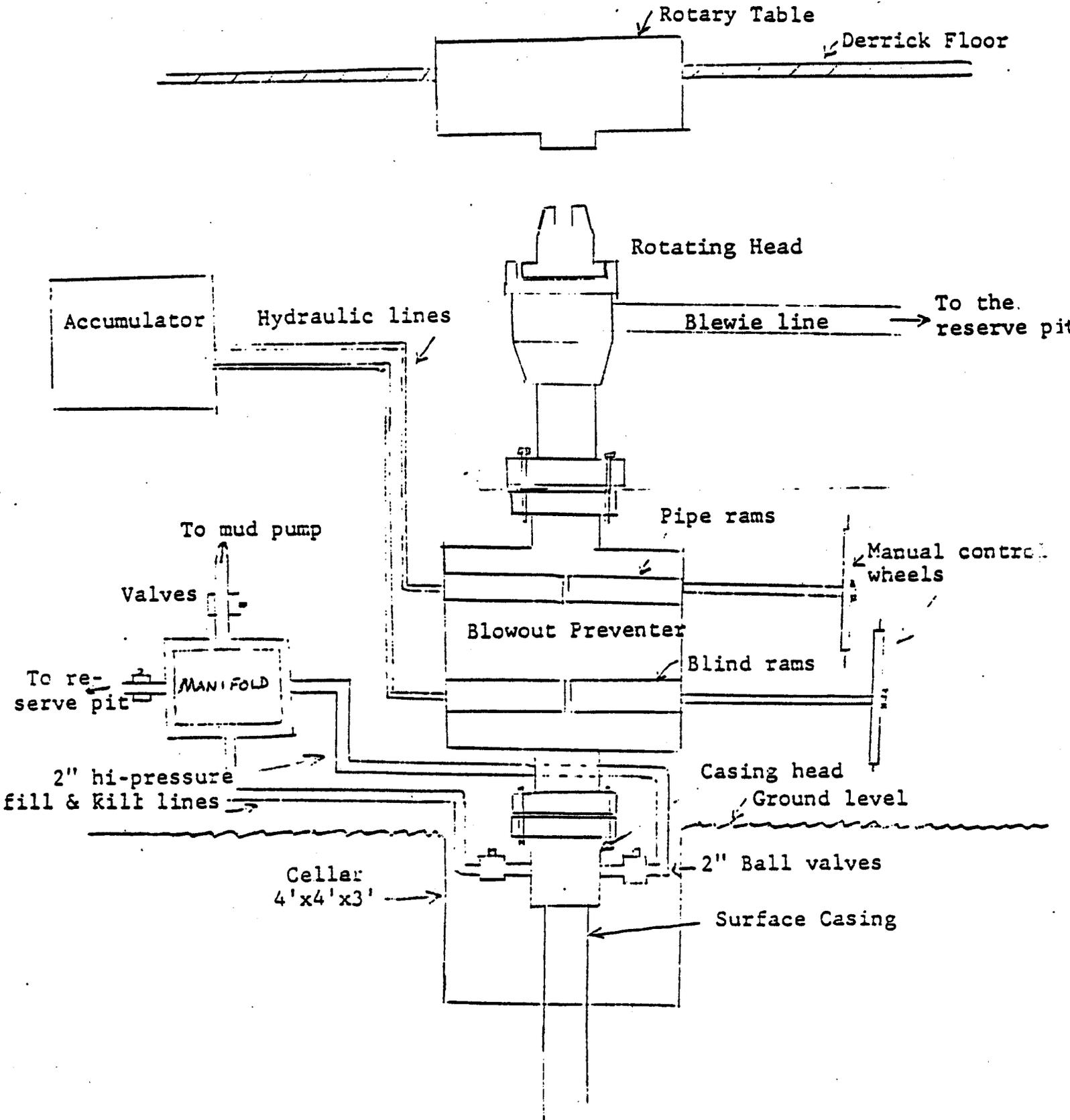
B. Approx. setting depth will be about 2900'

C. Casing Specs. are: 4 1/2" O.D.; J-55; 9.50#, .8-rd thread; new.

D. If good production is obtained, the casing will be run with a guide shoe at the bottom and about six centralizers and cemented conventionally with sufficient cement to cover 200 ft. above the top of the Dakota formation. The production zone will be perforated, 2 3/8" O.D. tubing will be run, and the well completed conventionally. In the event the production is small, it may be desirable to minimize the damage to the formation by keeping all mud and cement off the formation. In this case the procedure outlined below will be used.

E. Casing will be run with about six centralizers and a Lynes packer and DV tool set above the production zone. There will be sufficient casing to extend thru the production zone below the Lynes packer and a blind guide shoe on the bottom. The casing will be cemented above the packer with about 85 sks of cement (sufficient to cement thru the Dakota formation). The cement will be allowed to cure at least 48 hrs. The plug can then be drilled out and the casing perforated below the packer. Two inch tubing will be run and secured in the tubing head prior to perforating.

SCHEMATIC DIAGRAM OF  
CONTROL EQUIPMENT FOR THE  
The Anschutz Corporation  
#1 Fed. 263 Well  
NW. SE. Sec. 10-19S-23E  
Grand County, Utah



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-14263

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

#1 Federal 263

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

NW SE Sec. 101-9S-23E  
SLM

12. COUNTY OR PARISH 13. STATE

Grand

Utah

1. OIL WELL  GAS WELL  OTHER  Dry Hole

2. NAME OF OPERATOR  
The Anschutz Corporation

3. ADDRESS OF OPERATOR  
1110 Denver Club Bldg, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

1978' FEL, 1980' FSL  
NW SE Sec. 10-19S-23E; SLM

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5148' KB 5140' GR

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(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 4423' 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. The well was plugged and abandoned with plugs set as follows:

DEPTH	CEMENT
4325-4200	30 sx
3650-3400	60 sx
225-150	20 sx
Surface/marker	10 sx

Well plugged @ 0400 hrs., 5-14-77.

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

SIGNED

Phil Herrington

TITLE

Geologist

DATE

6-3-77

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See opposite  
instructions on  
reverse side)

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

10

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

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

2. NAME OF OPERATOR  
The Anschutz Corporation

3. ADDRESS OF OPERATOR  
1110 Denver Club Bldg., Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 1978' FEL, 1980' FSL NW SE Sec. 10-19S-23E of SLM  
At top prod. interval reported below  
At total depth

5. LEASE DESIGNATION AND SERIAL NO.

U-14263

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

#1 Federal 263

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

OR AREA  
NW SE Sec. 10-19S-23E  
SLM

12. COUNTY OR PARISH  
Grand

13. STATE  
Utah

15. DATE ~~STARTED~~ 5-28-77 16. DATE T.D. REACHED 5-12-77 17. DATE COMPL. (Ready to prod.) P&A 5-14-77 18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* 5148' KB 5140' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 4423' KB 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS  
Surface-TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 25. WAS DIRECTIONAL SURVEY MADE  
No

26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction Focused Log, Compensated Density Neutron Log 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	250' KB	12 1/4	200 sx circulated)	None

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number) 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 Phil Herrington TITLE Geologist DATE 6-3-77

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

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

**37. SUMMARY OF POROUS ZONES:**  
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			No cores or tests

**38. GEOLOGIC MARKERS**

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Mesaverde	Surface		+5140'
Mancos	100'		+5040'
Dakota	3522'		+1618'
Cedar Mtn.	3598'		+1542'
Morrison	3678'		+1462'
Brushy Basin	3847'		+1293'
Salt Wash	3977'		+1163'
Summerville	4260'		+ 880'
Entrada	4318'		+ 832'
Total Depth	4423'		

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLI FE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

42-014263

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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

7. UNIT AGREEMENT NAME

Buck Canyon

2. NAME OF OPERATOR

THE ANSCHUTZ CORPORATION

8. FARM OR LEASE NAME

Federal 263

3. ADDRESS OF OPERATOR

1110 Denver Club Building, Denver, Colorado 80202

9. WELL NO.

1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

1978' FEL

1980' FEL NW SE 10-19S-23E SLM

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

10-19S-23E SLM

14. PERMIT NO.  
43-019-30340

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5148' KB 5140' GR

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:

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)   
PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF   
FRACTURE TREATMENT   
SHOOTING OR ACIDIZING   
(Other) Restoration   
REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

(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 4423' KB in the Entrada formation. Electric logs were run to total depth. No potential pay zones were indicated on logs, and there were no cores or tests. The well was plugged and abandoned with plugs set as follows:

Depth	Cement
4325 - 4200'	30 sx
3650 - 3400'	60 sx
225 - 150'	20 sx
Surface w/ marker	10 sx

Well plugged @ 0400 hrs., 5-14-77.

Surface restoration was completed on 12-20-77.

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

SIGNED W. Lee Kuhre TITLE Operations Coordinator DATE 12-22-77  
W. Lee Kuhre

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:



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

December 24, 1977

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

Re: Subsequent Reports of  
Restoration on following  
Grand County, Utah locations:

*Arly*

Federal 263-1  
NW SE 10-19S-23E

Federal 266-1  
SW NE 24-19S-23E

Federal 273-1  
SW NE 28-18S-23E

Dear Mr. Guynn:

Earthwork restoration and seeding has been completed on the above referenced locations. BLM inspected these locations both before and after restoration work was finished. If you have any questions please call me.

Thank you.

Sincerely,

*W. Lee Kuhre*

W. Lee Kuhre  
Operations Coordinator

WLK:bv

Enclosures - 3 sets of 3

cc: Oil & Gas Conservation Commission  
Salt Lake City, Utah

BLM  
Moab, Utah

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE  
(Other instruction on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

42-014263

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Buck Canyon

8. FARM OR LEASE NAME

Federal 263

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

10-19S-23E 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

1978' FEL

1980' FEL NW SE 10-19S-23E SLM

14. PERMIT NO.

43-019-30340

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5148' KB

5140' GR

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Restoration

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(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.)

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Depth	Cement
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3650 - 3400'	60 sx
225 - 150'	20 sx
Surface w/'marker	10 sx

Well plugged @ 0400 hrs., 5-14-77.

Surface restoration was completed on 12-20-77.

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

SIGNED

*W. Lee Kuhre*  
W. Lee Kuhre

TITLE

Operations Coordinator

DATE

12-22-77

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Form 8-329 Rev. Feb 76  
OMB 42-RO356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. 71-014263  
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 & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1	10 NW SE	19S	23E	TA					Waiting on Restoration Approval

263

\*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	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	_____	_____	_____
*Sold	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	_____	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	_____	_____	XXXXXXXXXXXXXXXXXXXX
*Injected	_____	_____	_____
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	_____
*Other (Identify)	_____	_____	_____
*On hand, End of Month	_____	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	_____	_____	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: Mary Lou Erger Address: 2400 Anaconda Tower

Title: Production Clerk Denver, Colorado 80202