

FILE NOTATIONS

Entered in N I D File  \_\_\_\_\_  
 Entered On S R Sheet \_\_\_\_\_  
 Location Map Pinned \_\_\_\_\_  
 Card Indexed  \_\_\_\_\_  
 I W R for State or Fee Land \_\_\_\_\_

Checked by Chief \_\_\_\_\_  
 Copy N I D to Field Office \_\_\_\_\_  
 Approval Letter \_\_\_\_\_  
 Disapproval Letter \_\_\_\_\_

COMPLETION DATA:

Date Well Completed 5-31-77

Location Inspected \_\_\_\_\_

OW \_\_\_\_\_ WW \_\_\_\_\_ TA \_\_\_\_\_

Bond released \_\_\_\_\_

GW \_\_\_\_\_ OS \_\_\_\_\_ PA  \_\_\_\_\_

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 \_\_\_\_\_

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.**

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 **SW.SW.Sec.28,T.18 S.,R.23 E.,S.L.M.**  
 At proposed prod. zone **600' from W-line & 745' from S-line**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**About 18 miles north of Cisco, Utah**

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) **600'**

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL **160**

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. **4 miles**

19. PROPOSED DEPTH **5770'**

20. ROTARY OR CABLE TOOLS **Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.) **5637' grd.; 5647' K.B.**

22. APPROX. DATE WORK WILL START\* **Apr. 15, 1977**

5. LEASE DESIGNATION AND SERIAL NO.  
**U-14273**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
**Federal**

9. WELL NO.  
**#1 Fed.273**

10. FIELD AND POOL, OR WILDCAT  
**Wildcat**

11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA  
**SW.SW.Sec.28-18S-23E**

12. COUNTY OR PARISH **S.L.M.** 13. STATE **Utah**

**Grand**

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#	1500'	510 sks.
6 3/4"	4 1/2"	9.50#	5700'?	185 sks.?

It is planned to drill a well at the above location to test the natural gas possibilities of the sands in the Dakota, Cedar Mountain, and Morrison formations. The well will be drilled with rotary tools using air for circulation from top to bottom, if possible. The surface casing will be set thru the upper Mancos sands, probably at a depth of about 1500' to shut-off all potential water zones and to protect the potential coal zones in the Mesaverde formation. This casing will be cemented all the way to the surface. A blowout preventer and rotating head will be installed on the top of the casing head. Fill and kill line (2") will be connected below the blind rams to the casing head. 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. See attached prognosis.

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 W. Don Gingley TITLE Consulting Geologist DATE Mar. 12, 1977

(This space for Federal or State office use)

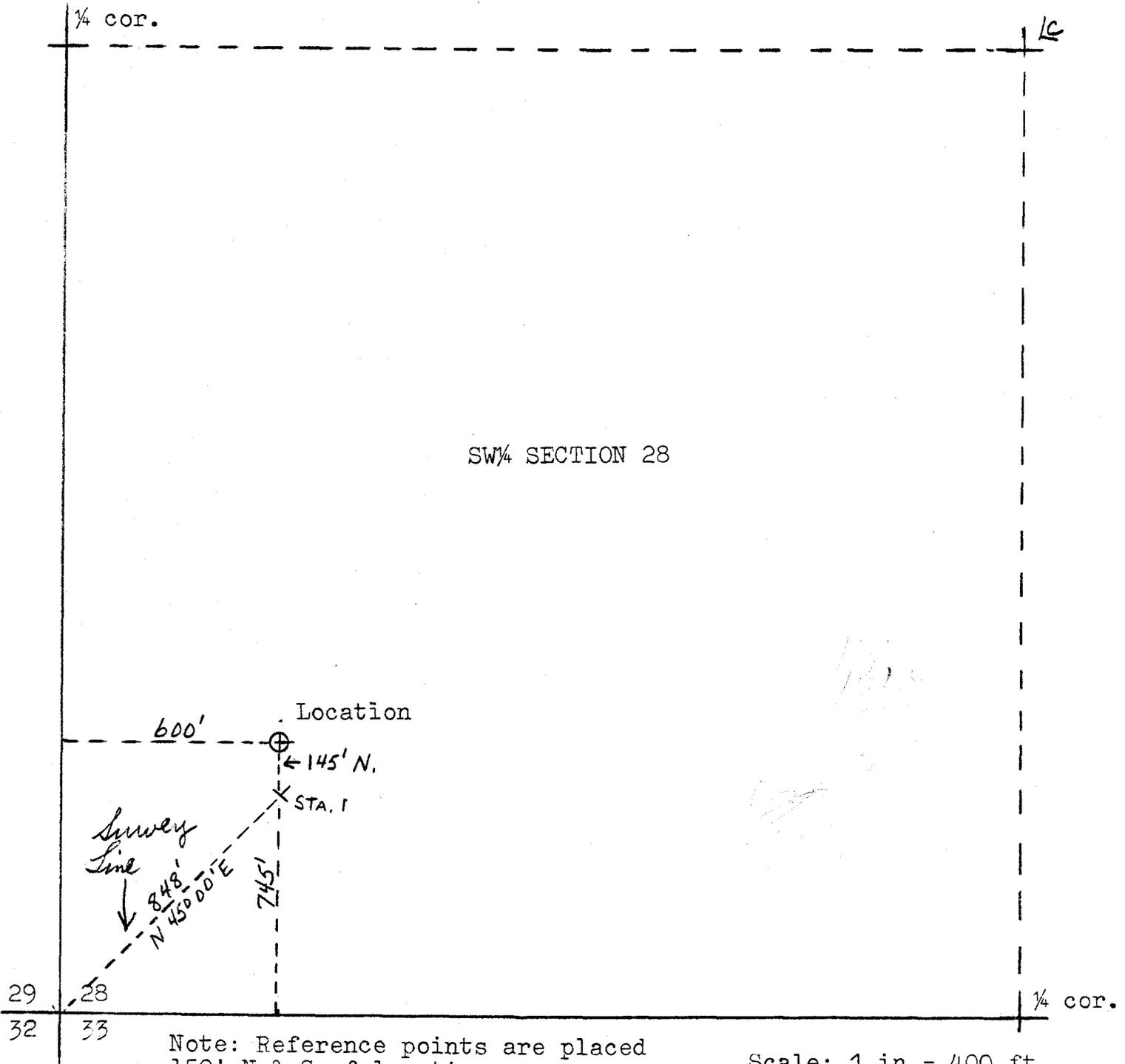
PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

LOCATION PLAT FOR  
ANSCHUTZ #1 FED. 273 WELL  
SW.SW.SEC.28-18S-23E  
GRAND COUNTY, UTAH

Elev.: 5637'grd.



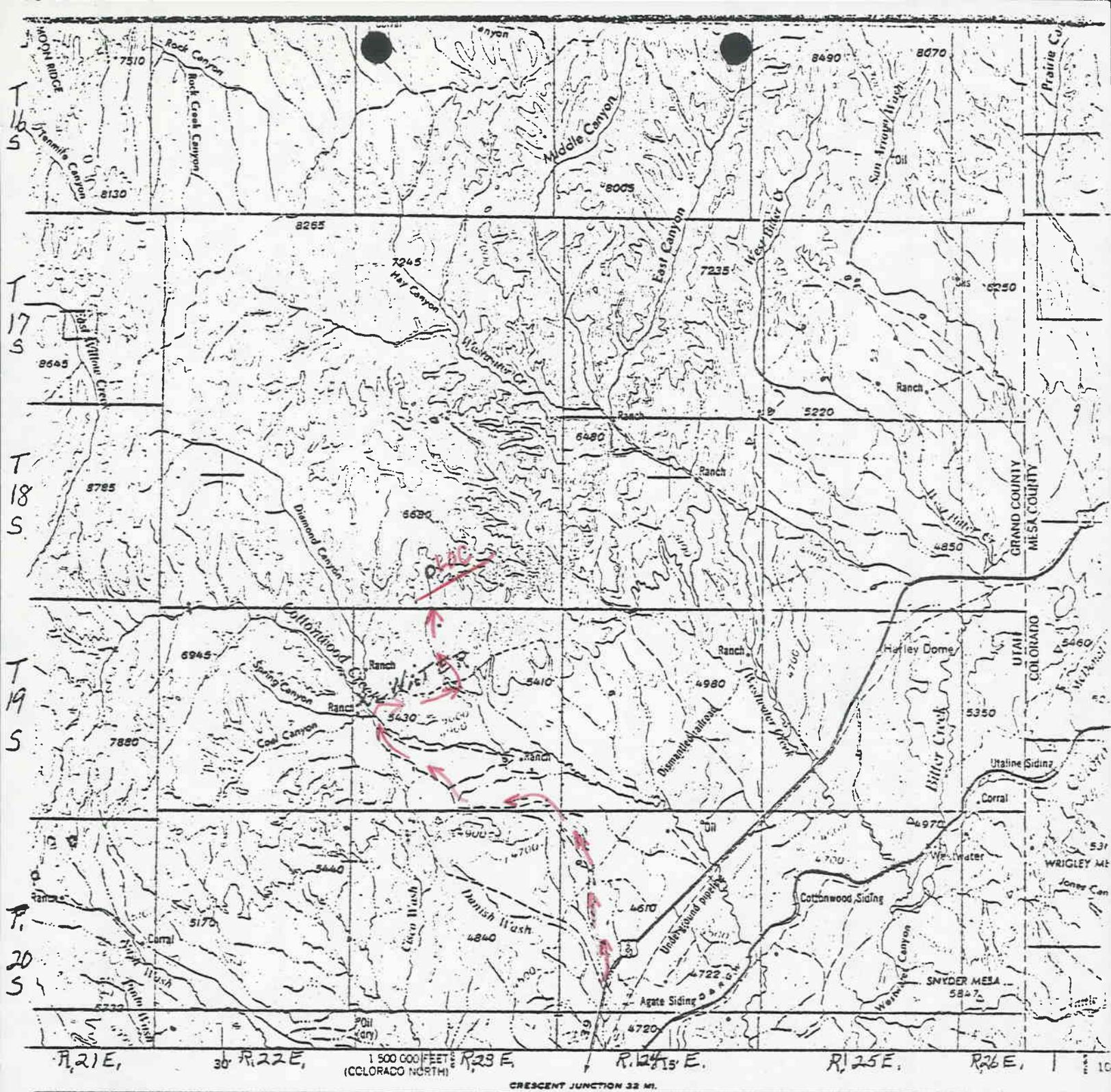
Note: Reference points are placed  
150' N & S of location.

Scale: 1 in. = 400 ft.  
Date: Mar. 11, 1977  
Surveyed By: W. Don Quigley

I, W. Don Quigley, do hereby certify that  
this plat was made from notes of a field  
survey made by me on March 6, 1977.

*W. Don Quigley*

PLAT NO. 1



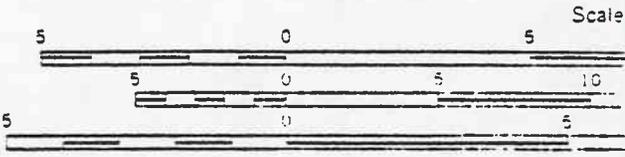
**LEGEND**  
ROAD DATA 1956

★ in red denote approximate distances in miles between stars

ROADS	
Hard surface, heavy duty	3 LANES-4 LANES
More than two lanes wide	5
Two lanes wide, Federal route marker	5
Hard surface, medium duty	3 LANES-4 LANES
More than two lanes wide	11
Two lanes wide, State route marker	11
Improved light duty	
Unimproved dirt	
Trail	

Landplane airport		Landmarks: School; Church; Other	
Landing area		Horizontal control point	
Seaplane airport		Spot elevation in feet	221
Orchard		Marsh or swam	
Woods-brushwood		Intermittent or dry stream	
		Power line	

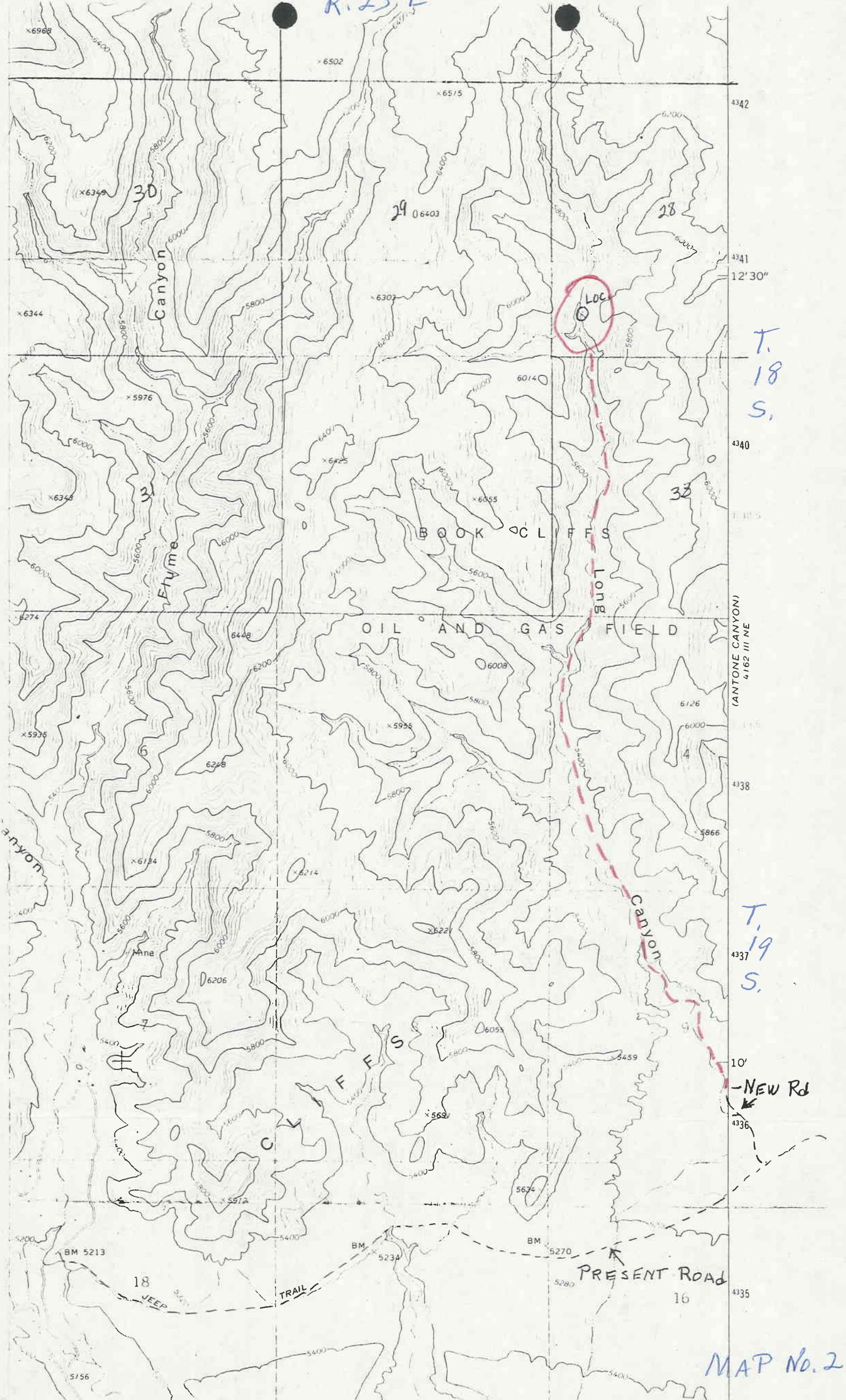


CONTOUR INT  
WITH SUPPLEMENTARY CON  
TRANSVERSE ME  
**MAP #1**

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

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER

R. 23 E



T. 18 S.

T. 19 S.

(ANTONE CANYON)  
4.162 MI NE

10'  
-NEW Rd

PRESENT ROAD

MAP No. 2

**W. DON QUIGLEY****OIL AND MINERALS CONSULTANT**

803 PHILLIPS PETROLEUM BLDG. - SALT LAKE CITY, UTAH 84101

**PROGNOSIS FOR  
ANSCHUTZ #1 FED.273 WELL**SW.SW.SEC.28-18S-23E  
GRAND COUNTY, UTAHLocation: SW.SW.Sec.28, T.18 S., R.23 E., S.L.M., Grand County, Utah  
(600' from W-line & 745' from S-line)Elevations: 5637' grd.; 5647' K.B.Surface Casing:  $\varnothing$  5/8" O.D., 26.40#, K-55, 8 rd, new, set at 1500'  
K.B. and cemented with returns to the surface.Expected Formation Tops:

<u>Formation</u>	<u>Depth to Top</u>	<u>Thickness</u>	<u>Datum</u>
Mesaverde	Surface	1100'	5647' K.B.
Mancos (Upper)	1100'	250'	4547'
(Castlegate)	1350'	100'	4297'
(Lower)	1450'	3450'	4197'
Dakota	4900'	90'	747'
Cedar Mountain	4990'	80'	657'
Morrison (Brushy Basin)	5070'	300'	577'
(Salt Wash)	5370'	300'	277'
Summerville-Curtis	5670'	50'	-23'
Entrada	5720'	----	-73'
Total Depth	5770'		

1. It is planned to set a conductor pipe at the surface (30' of 13 5/8" thoroughly cemented); and to drill a 10 3/4" hole thru the water sands in the top of the Mancos formation. This should be at a depth of about 1500'. Casing, 7 5/8", 26.40#, K-55, will be set at approximately this depth and cemented to the surface to protect some coal zones in the Mesaverde formation. A casing head will be mounted on top of the surface casing and a blowout preventer on top of the casing head. A rotating head will be mounted on top of the blowout preventer. A blewie line, at least 100 ft. long, will then be attached to the rotating head and extended into the reserve pit.
2. A 6 3/4" hole will then be drilled below the surface casing, using air for circulation. A flare will be maintained at the end of the blewie line at all times while drilling below the surface casing. This will insure that no gas will be missed. The air drilling will also minimize the damage to the hydrocarbon reservoir.
3. Samples of the cuttings will begin at 500'; and 20-ft. samples will be taken down to the point of setting the surface casing. After the surface casing has been set, samples will then start again at 30-ft. intervals down to 4700 ft; and then will be taken at 10-ft. intervals to total depth.
4. It is planned to drill the well to a depth which is 50 ft. below the top of the Entrada formation unless good commercial

flow of gas (500 MCF or more) is obtained at a lesser depth.

5. If a high gas flow (several million cubic feet) and/or when the total depth of the well is reached, electric logs will be run. Prior to running logs, high viscosity mud (not less 80 vis.) will be pumped into the hole to provide control of the gas and to provide a conductive medium for the logs. An induction-electrical log will be run from bottom to the top of the hole, and a gamma-density and compensated neutron porosity log will be run from the bottom to a point which is 150' above the top of the Dakota formation.

(Note: In the event a small gas flow (less than 750 MCF) is obtained, it may be desirable to run casing, 4½" O.D., thru the rotating head prior to mudding up and running logs, with cement baskets and DV tool on the casing so that the casing can be cemented above the production zone; thereby preventing any damage to the formation and eliminating considerable completion expense. This is an important consideration when the volume of gas is low and the return from the well would be correspondingly low. The well could then be logged inside the casing with a gamma-neutron log.)

6. If good production (over 750 MCF) is obtained 4½" O.D., 9.50#, J-55 or H-40, new casing will be run and cemented conventionally with sufficient cement to cover 200 ft. above the top of the Dakota formation. The production zone will then be perforated, 2 3/8" O.D. tubing run, and completed conventionally.
7. It is anticipated that the drilling of the well will require less than two weeks.

*W. Don Quigley*  
W. Don Quigley

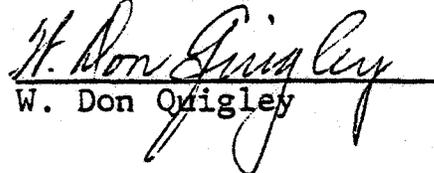
Consulting Geologist  
Salt Lake City, Utah

SURFACE USE & OPERATION PLAN  
FOR  
ANSCHUTZ #1 FED.273 WELL  
SW.SW.SEC.28-18 S-23E  
GRAND COUNTY, UTAH

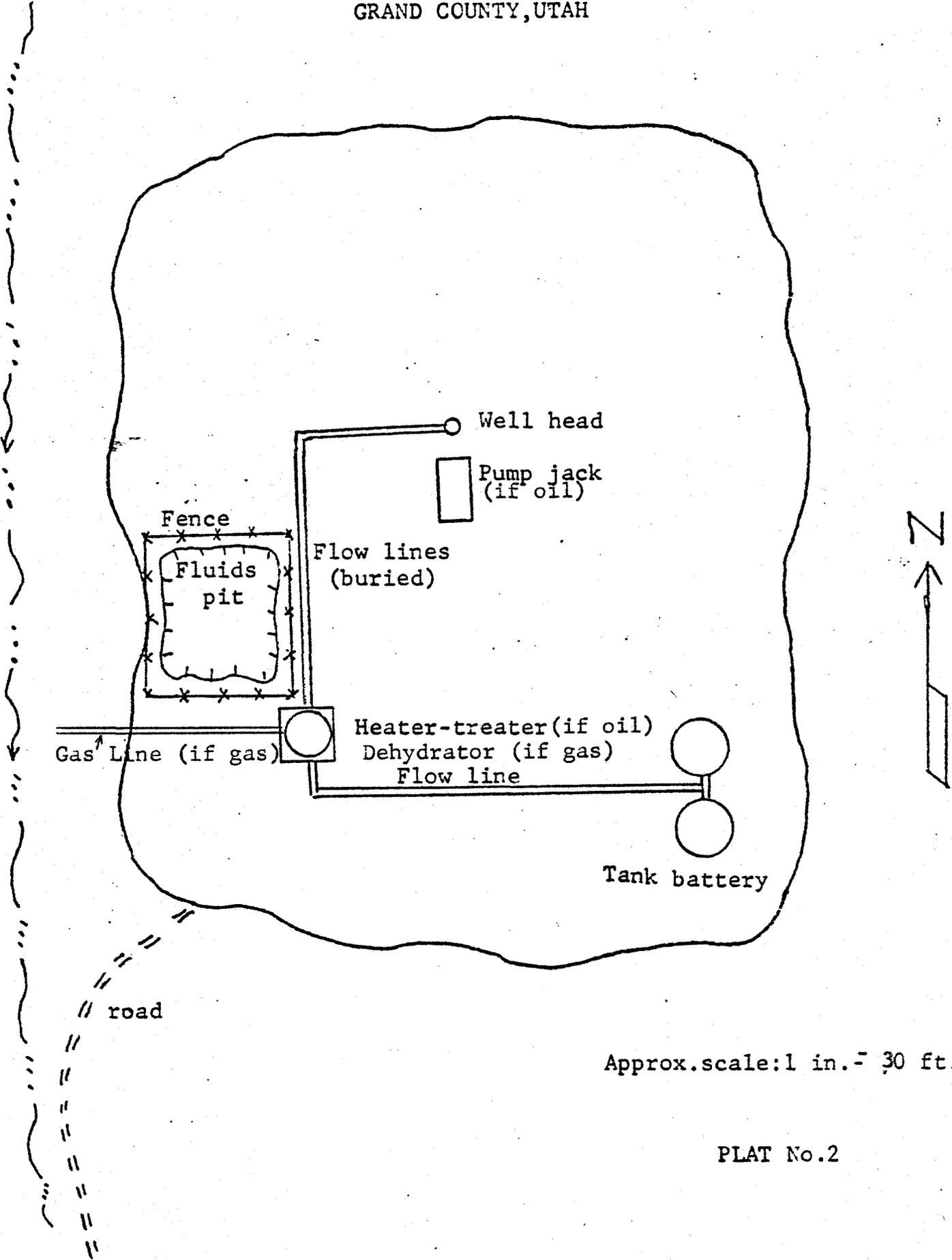
1. Location: A survey plat showing the location of the proposed well site is attached (Plat No.1). Map No.1 shows the route to the well site from Hwy 6-50 (I-70) at the Cisco exit. It is about 18 miles to the location from the hiway. The last six miles of road will have to be graded and widened to make it serviceable for trucks. The last three miles of road will be new road up the canyon. This road can be along the bottom and sides of the wash, which has a gentle slope from north to south. Map No. 2 shows the route up the canyon (Long Canyon); plus the jeep trail from the main road to the mouth of Long Canyon. These are the roads which will have to be built and improved. The new road will not require any deep cuts, fills, or culverts.
2. Planned Access Roads: See No.1 above. As noted the access road to the location is shown on Map No.2. The last six miles will require grading and widening. The last three miles will be new road up the canyon as shown. No deep cuts, fills, culverts, or cattle guards will be required. The road will be about 14 feet wide any will be made from native material. The wash up Long Canyon has natural gravel and should provide a good road bed.
3. Location of Existing Wells: See Map No.2. There are no wells drilled or planned near the proposed location. The closest well is in Section 10 about 4 miles southeast of the proposed site. The well in Section 10 is not drilled yet and is only a location.
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 the subject well due to drilling with air. The water required will be hauled by truck from Cottonwood Creek about seven miles from the location. See Map No.1.
6. Road Material: No additional road material, gravel, sand, or culverts will be required for the new road or for the improvement of the present jeep trail. Natural material in place will be used.
7. Waste Disposal: A reserve pit and burn pit (unlined) will be constructed at the well site, (see Plat No.3). 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. The burn pit will be fenced to prevent trash from blowing away. Both 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 required. 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. The site is on a sloping hillside beneath a sandstone scarp on the east side of the location. The surface has a few Juniper trees which will be removed. A ten-foot cut will be required. The reserve pit will be about 5 ft. deep with 5-ft. banks and will be located on the downhill or west side of the location.
10. Restoration: After drilling operations have been concluded and the equipment removed, the wellsite area will be cleaned, levelled and restored to normal. The pits will be covered, and all trash removed. If the well is successful, the site will be levelled; the pits will be folded-in, and the site will be prepared for the placement of the production equipment. Approximately 30 days may be required to complete this work:- largely depending on the availability of a cat.
11. Land Description: As stated above, the well site is on a hillside on the east bank of Long Caason wash. It is at the base of a sandstone escarpment and has some Juniper trees on the surface. The soil is gravel and loose rocks, with little other vegetation. The surface will have to be levelled some and will require a small cut on the east side.
12. Representative: The operator's representative at the well site will probably be W. Don Quigley, Consultant of 803 Phillips Petroleum Bldg., Salt Lake City, Utah 84101. The location work and restoration work will probably be done by C&W Construction Co. 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 preformed by The Anschutz Corporation and its contractors in conformity with this plan and terms and conditions under which it is approved.

Date: Mar, 11, 1977

  
W. Don Quigley

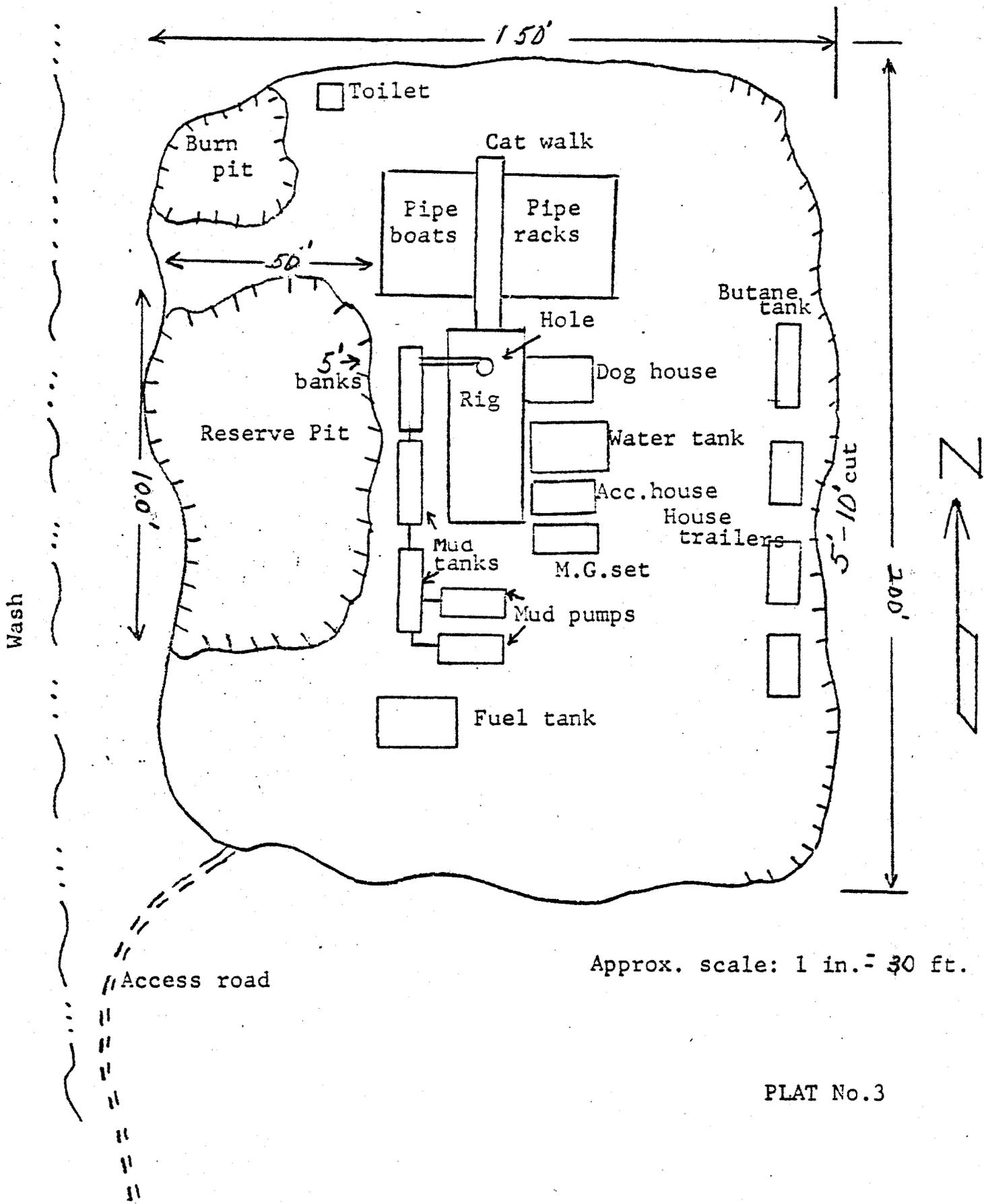
PLAN FOR COMPLETION EQUIPMENT  
FOR THE ANSCHUTZ CORPORATION  
#1 FED. 273 WELL  
SW. SW. SEC. 28--18S--23E.  
GRAND COUNTY, UTAH



Approx. scale: 1 in. = 30 ft.

PLAT No. 2

DRILLING EQUIPMENT LAYOUT FOR  
 THE ANSCHUTZ CORPORATION  
 #1. FED. 273 WELL  
 SW. SW. SEC. 28 - 18S-23E  
 GRAND COUNTY, UTAH



Approx. scale: 1 in. = 30 ft.

PLAT No. 3

WELL CONTROL EQUIPMENT  
FOR

ANSCHUTZ #1 FED.273

SW.SW.SEC28-18S-23E

GRAND COUNTY, UTAH

The following control equipment is planned for the above designated well:

1. Surface Casing:

- A. Hole size for surface casing is 10 3/4".
- B. Setting depth for surface casing is approx. 1500 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. 500 lbs.
- E. Casing will be run using three centralizers and a guide shoe, and will be cemented with 510 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.

5. 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 may 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 5,000' to 6,000' in the area have been measured at about 2000# to 2500# maximum.

7. Drilling fluids:

Air-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:

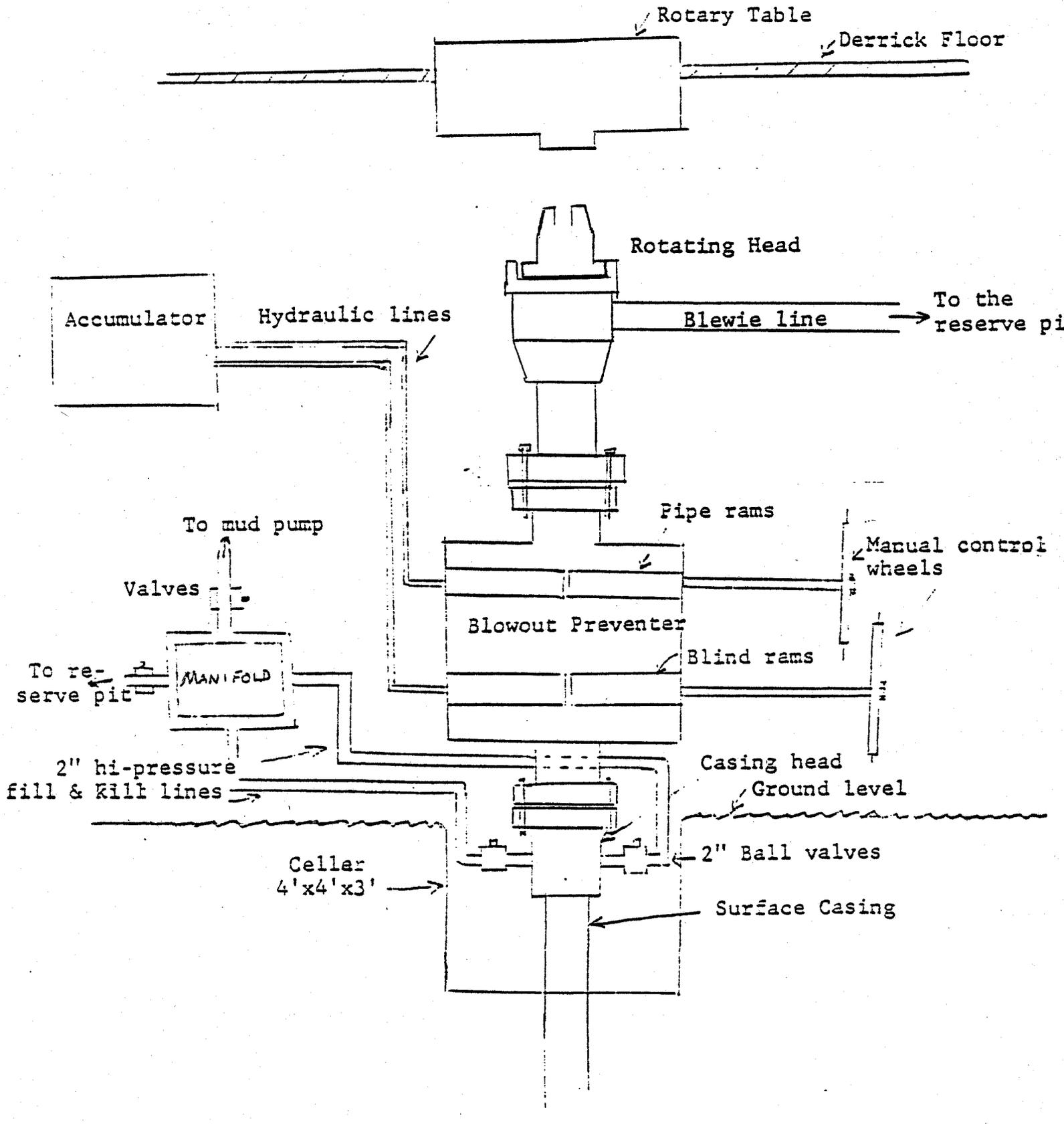
A. Hole size for production casing will be 6 3/4".

B. Approx. setting depth will be about 3800'

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

D. 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 185 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. Pump and rods can be run after the well is swabbed-in (if oil).

SCHEMATIC DIAGRAM OF  
 CONTROL EQUIPMENT FOR THE  
 THE ANSCHUTZ #1 FED.2.73 WELL  
 SW. SW. SEC. 28-18S-23E,  
 GRAND COUNTY, UTAH



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.**

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  
**SW.SW.Sec.28,T.18 S.,R.23 E.,S.L.M.**  
 At proposed prod. zone **600' from W-line & 745' from S-line**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**About 18 miles north of Cisco, Utah**

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) **600'**

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. **4 miles**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**5637' grd.; 5647' K.B.**

5. LEASE DESIGNATION AND SERIAL NO.  
**U-14273**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
**Federal**

9. WELL NO.  
**#1 Fed.273**

10. FIELD AND POOL, OR WILDCAT  
**Wildcat**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**SW.SW.Sec.28-18S-23E**

12. COUNTY OR PARISH  
**S.L.M. Grand**

13. STATE  
**Utah**

17. NO. OF ACRES ASSIGNED TO THIS WELL  
**160**

20. ROTARY OR CABLE TOOLS  
**Rotary**

22. APPROX. DATE WORK WILL START\*  
**Apr. 15, 1977**

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#	1500'	510 sks.
6 3/4"	4 1/2"	9.50#	5700'?	185 sks.?

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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 *H. Don Grigley* TITLE Consulting Geologist DATE Mar. 12, 1977

(This space for Federal or State office use)

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

APPROVED BY *W. J. Mouton* TITLE ACTING DISTRICT ENGINEER DATE APR 14 1977

CONDITIONS OF APPROVAL, IF ANY:  
*Approved notice - Div of Oil - Gas - Minerals - Utah*

\*See Instructions On Reverse Side

STATE OF UTAH  
DIVISION OF OIL, GAS, AND MINING

\*\* FILE NOTATIONS \*\*

Date: March 14-  
Operator: The Auschutz Corp.  
Well No: Federal 273-#1  
Location: Sec. 28 T. 18S R. 23E County: Grand

File Prepared   
Card Indexed

Entered on N.I.D.   
Completion Sheet

CHECKED BY:

Administrative Assistant [Signature]

Remarks: No other wells in Sec. 28 -

Petroleum Engineer [Signature]

Remarks:

Director 7

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

March 14, 1977

The Anschutz Corporation  
1110 Denver Club Building  
Denver, Colorado 80202

Re: Well No. Federal 273 - #1  
Sec. 28, T. 18 S, R. 23 E,  
Grand County, Utah  
745' FSL & 600' FWL

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to 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 43-019-30346.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT  
Director

cc: U.S. Geological Survey

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-14273

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> <b>Dry Hole</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR <b>The Anschutz Corporation</b>		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR <b>1110 Denver Club Bldg., Denver, Colorado 80202</b>		8. FARM OR LEASE NAME <b>Federal</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>600' FWL &amp; 745' FSL SW SW Sec. 28-T18S-R23E</b>		9. WELL NO. <b>#1 Federal 273</b>
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT <b>Wildcat</b>
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5647' KB 5637' GR</b>		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>SW SW Sec. 28-18S-23E SLM</b>
		12. COUNTY OR PARISH <b>Grand</b> 13. STATE <b>Utah</b>

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)

PULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS

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 5460' 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
5461-5250'	65 SX
5050-4950'	30 SX
4600-4420'	60 SX
1365-1265'	30 SX
Surface w/marker	10 SX

This well was P&A on 5-28-77

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

SIGNED

*Phil Herrington*  
Phil Herrington

TITLE

Geologist

DATE

6-6-77

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

**SUMMARY OF ENVIRONMENTAL IMPACT EVALUATION**

EIA # 418

**ATTACHMENT 2-A**

**ANCHUTZ CORP**  
**LEASE # U-14273**  
**WELL # 1 FED. 273**  
**SWSW SEC. 28 T18S R23E**  
**GRAND COUNTY, UTAH**  
**USGS JOHN DENNIS**  
**BLM LAUREN ROBISON**  
**REP. DON 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	Spills and leaks

	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
<b>Land Use</b>																			
Forestry	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Grazing	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Wilderness	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Agriculture	N/A																		
Residential-Commercial	N/A																		
Mineral Extraction	/	0	0	/	/	/	/	0	/	/	/	/	/	/	/	/	/	/	/
Recreation	/	0	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Scenic Views	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Parks, Reserves, Monuments	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Historical Sites	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Unique Physical Features	N/A																		
<b>Flora &amp; Fauna</b>																			
Birds	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Land Animals	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Fish	N/A																		
Endangered Species					NONE KNOWN														
Trees, Grass, Etc.	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
<b>Phy. Charact.</b>																			
Surface Water	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Underground Water	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Air Quality	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Erosion	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Other																			
Effect On Local Economy	/	0	0	/	/	/	0	/	/	/	/	/	/	/	/	/	/	/	/
Safety & Health	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Others	Orig. file cc: Reg - Denver BLM - Mook w/o nature																		

Lease

U-14283

Well No. & Location

ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-B

1. Proposed Action

PROPOSES TO DRILL AN OIL AND GAS TEST WELL WITH ROTARY TOOLS TO ABOUT 5770 FT. TD. 2) TO CONSTRUCT A DRILL PAD 150 FT. X 200 FT. AND A RESERVE PIT 50 FT. X 100 FT. 3) TO CONSTRUCT FT. X 4 MILES ACCESS ROAD AND UPGRADE FT. X 3 MILES ACCESS ROAD FROM AN EXISTING AND IMPROVED ROAD.

2. Location and Natural Setting (existing environmental situation)

THIS LOCATION IS LOCATED APPROX. 4 MILES UP THE LONG CANYON WASH ON THE EAST BANK. ABOUT A 10' CUT WILL BE MADE IN THE SIDE OF THE HILL TO SECURE THIS LOCATION. THE SURFACE IS SANDSTONE AND GRAVEL DIRT. THERE ARE JUNIPER TREES, PINION PINE TREES, SOME NATIVE GRASS, AND SAGE BRUSH. FAUNA IN THE AREA CONSISTS OF MULE DEER, A FEW COYOTE, BOB CAT, AND GROUND SQUIRELS AND OTHER RODENTS. BIRDS IN THE AREA ARE EAGLES, HAWKS, MAGPIE AND FINCHES.

IT WAS STIPULATED THAT THE ROAD WOULD BE MADE TO FOLLOW THE RIVER BED, THROUGH THE LENGTH OF THE WASH TO THE WELL SITE.

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 TRUCK 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 *[Signature]*

*[Signature]*

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 Corp. #1 Fed. 273	600' FWL, 745' FSL, Sec. 28, T18S, R23E, SLM, Grand Co., Utah, Gr. El. 5637'	U-14273
<p>1. <b>Stratigraphy and Potential Oil and Gas Horizons.</b> Well will spud in Mesaverde Fm. and test sands of the Dakota, Cedar Mtn., and Morrison Fms. for gas to a proposed T.D. of 5770'. No wells nearby. Closest well is Willard Pease #2 (Gr. El. 6144'), sec. 10, same twp., reports tops: Castle Gate 2135'; Dakota Silt 5665'; Dakota 5755'; T.D. 5947' (dry, P&amp;A).</p> <p>2. <b>Fresh Water Sands.</b> No wells in vicinity of this test. WRD reports from Anschutz #1 Fed. 262, sec. 7, T19S, R23E, fresh-usable water in Mesaverde, usable/saline/brine in Mancos Shale, and brine below the Mancos Shale. Fresh or usable water may be found in sandstone aquifers to depths of about 500'. Deeper water is saline/brine. Operators casing program will seal aquifers to 1500'.</p> <p>3. <b>Other Mineral Bearing Formations. (Coal, Oil Shale, Potash, Etc.)</b> Within lands prospectively valuable for coal. Mesaverde Group may contain commercially thick coal seams. Lenticular, discontinuous coal seams of poor quality may be found in the Dakota, Cedar Mtn., and Morrison Fms. Operator will case off the Mesaverde.</p> <p>4. <b>Possible Lost Circulation Zones.</b> Unknown</p> <p>5. <b>Other Horizons Which May Need Special Mud, Casing, or Cementing Programs.</b> Unknown</p> <p>6. <b>Possible Abnormal Pressure Zones and Temperature Gradients.</b> Pressures of 1400-1600 psig are common in Dakota-Morrison rocks.</p> <p>7. <b>Competency of Beds at Proposed Casing Setting Points.</b> Probably adequate</p> <p>8. <b>Additional Logs or Samples Needed.</b> APD logging program adequate as outlined by operator. Need logs through potential coal horizons in Mesaverde.</p> <p>9. <b>References and Remarks</b> 4 miles to Pear Park KGS. USGS Prof. Paper 548 USGS Bull. 852</p>		
Date: 3-24-77		Signed: <i>Thomas R. Assay</i>

DOGm - *lclab*

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.

13

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 600' FWL & 745' FSL SW SW Sec. 28-T18S-R23E SLM  
At top prod. interval reported below  
At total depth

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED 4-12-77

5. LEASE DESIGNATION AND SERIAL NO.  
U-14273

6. IF INDIAN, ALLOTTEE OR TRIBE NAME \_\_\_\_\_

7. UNIT AGREEMENT NAME \_\_\_\_\_

8. FARM OR LEASE NAME  
Federal

9. WELL NO.  
#1 Federal 273

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
SW SW Sec. 28-18S-23E SLM

12. COUNTY OR PARISH Grand Utah

15. DATE SPUNDED 5-17-77 16. DATE T.D. REACHED 5-26-77 17. DATE COMPL. (Ready to prod.) 5-31-77 P&A 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5647' KB 5637' GR 19. ELEV. CASINGHEAD \_\_\_\_\_

20. TOTAL DEPTH, MD & TVD 5460' 21. PLUG, BACK T.D., MD & TVD \_\_\_\_\_ 22. IF MULTIPLE COMPL., HOW MANY\* \_\_\_\_\_ 23. INTERVALS DRILLED BY Surface-TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
None 25. WAS DIRECTIONAL SURVEY MADE None

26. TYPE ELECTRIC AND OTHER LOGS RUN Induction Log, 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
13 3/8"	48	51' KB	17 1/2	25 sx (circulated)	None
8 5/8"	24	1352' KB	12 1/2	450 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 6-6-77

\*(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.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	
					TRUE VERT. DEPTH	
			No cores or tests			
				Mesaverde	Surface	+4872
				Upper Mancos	765'	+4567
				Castlegate	1070'	+4502
				Lower Mancos	1135'	+1042
				Dakota	4595'	+ 969
				Cedar Mtn.	4668'	+ 889
				Morrison	4748'	+ 582
				Salt Wash	5055'	+ 296
				Summerville	5341'	+ 242
				Entrada	5395'	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> <b>Dry Hole</b>		5. LEASE DESIGNATION AND SERIAL NO. <b>U-14273</b>
2. NAME OF OPERATOR <b>THE ANSCHUTZ CORPORATION</b>		6. IF INDIAN, ALIOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR <b>1110 Denver Club Building, Denver, Colorado</b>		7. UNIT AGREEMENT NAME <b>Buck Canyon</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface <b>600' FWL</b> <b>745' FSL</b> <b>SW SW Sec. 28-18S-23E</b>		8. FARM OR LEASE NAME <b>Federal 273</b>
14. PERMIT NO. <b>43-019-30346</b>		9. WELL NO. <b>1</b>
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>5647' KB</b> <b>5637' GR</b>		10. FIELD AND POOL, OR WILDCAT <b>Wildcat</b>
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>28-18S-23E</b> <b>SLM</b>
		12. COUNTY OR PARISH <b>Grand</b>
		13. STATE <b>Utah</b>



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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Restoration</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

This well was drilled to a total depth of 5460' 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
5461 - 5250'	65 sx
5050 - 4950'	30 sx
4600 - 4420'	60 sx
1365 - 1265'	30 sx
Surface w/marker	10 sx

This well was P & A on 5-28-77

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:

Form 9-329 Rev. Feb 76  
OMB 42-RO356

MONTHLY REPORT  
OF  
OPERATIONS

Lease No. 71-014273  
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, 19 78

(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	28 SW SW	18S	23E	TA					Waiting on Restoration Approval

273

P

\*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			
*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  
Title: Production Clerk

Address: 2400 Anaconda Tower  
Denver, Colorado 80202