

UTAH DIVISION OF OIL, GAS AND MINING

REMARKS: WELL LOG. \_\_\_\_\_ ELECTRIC LOGS. \_\_\_\_\_ FILE  WATER SANDS. \_\_\_\_\_ LOCATION INSPECTED \_\_\_\_\_ SUB. REPORT/ABD. \_\_\_\_\_

OPERATOR NAME CHANGE 11-26-80

DATE FILED 12-19-78

LAND: FEE & PATENTED \_\_\_\_\_ STATE LEASE NO. \_\_\_\_\_ PUBLIC LEASE NO. U-14350 \_\_\_\_\_ INDIAN \_\_\_\_\_

DRILLING APPROVED: 12-19-78

SPUDED IN: \_\_\_\_\_

COMPLETED: \_\_\_\_\_ PUT TO PRODUCING: \_\_\_\_\_

INITIAL PRODUCTION: \_\_\_\_\_

GRAVITY A.P.I. \_\_\_\_\_

GOR: \_\_\_\_\_

PRODUCING ZONES: \_\_\_\_\_

TOTAL DEPTH: \_\_\_\_\_

WELL ELEVATION: 5081' GR

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

FIELD: Wildcat 3/86 Undesignated

UNIT: \_\_\_\_\_

COUNTY: Grand

WELL NO. Federal 350-3

API NO: 43-019-30482

LOCATION 676' FT. FROM ~~XX~~ (S) LINE. 2104' FT. FROM ~~XX~~ (W) LINE. SE SW  1/4 - 1/4 SEC. 4

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
18S	24E	4	TEXOMA PRODUCTION CO.				

**FILE NOTATIONS**

Entered in NID File .....	Checked by Chief .....
Location Map Pinned .....	Approval Letter .....
Card Indexed .....	Disapproval Letter .....

**COMPLETION DATA:**

Well Completed .....	Location Inspected
GR..... OS..... PA.....	State or Fee Land .....

**LOGS FILED**

Driller's Log.....  
Electric Logs (No.) .....  
E..... I..... Dual I Lat..... GR-N..... Micro.....  
BHC Sonic GR..... Lat..... MI-L..... S.....  
CBLog..... CCLog..... Others.....

*LWP*  
*4-5-90*



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

December 7, 1978



U. S. Geological Survey  
E. W. Gynn, District Engineer  
8426 Federal Building  
125 South State Street  
Salt Lake City, Utah 84138

Re: Filing NTL-6 and A.P.D. Form 9-331C  
The Anschutz Corporation  
Federal 350 No. 3  
SE SW Sec. 4, T.18S, R.24E  
Grand County, Utah

Dear Mr. Gynn:

Enclosed are four copies of our preparation of the NTL-6 program and the A.P.D. Form 9-331C for the above captioned well location. One of these copies is to be forwarded to the BLM at Moab, Utah.

Would you kindly set a time with the BLM to go on ground to inspect the well site and notify us accordingly? I will be available for pre-drill inspection when you advise us.

An archaeological report is being prepared by Kranzush and Gordon, Inc. and will be submitted under a separate cover.

We will appreciate your earliest attention on the above matter.

Please return the enclosed fourth copy to our office with approval and comments.

Very truly yours,

Peter B. Doty  
Production Coordinator

PBD:kg  
Enclosures

cc: ✓ State of Utah  
Division of Oil & Gas & Mining

14

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 Corporation

3. ADDRESS OF OPERATOR  
 555 Seventeenth Street, Suite 2400 Denver, CO 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*)  
 At surface  
 2104' FWL + 676' FSL  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 Approximately 8 miles N.W. of Harley Dome, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. 745  
 (Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE  
 2538

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 80

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1986'

19. PROPOSED DEPTH  
 4500

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5081 GR

22. APPROX. DATE WORK WILL START\*  
 February 1, 1979

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"	24.00#	200'	180 Sxs Circulate to Surface
7-7/8"	4-1/2"	9.50#	4500'	200 Sxs

This well will be drilled as an offset well to develop the field discovered by the Federal 258 No. 1.

Exhibits Attached:

- A. Location and Elevation Plat
- B. The Ten-Point Compliance Program
- C. Blowout Preventer Diagram
- D. Multi-Point Requirements
- E. Area Access Road and Well Map
- F. Drill Pad Layout, Cut and Fill Sections
- G. Rig Layout
- H. Existing Production Facilities

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. Peter B. Doty      TITLE Production Coordinator      DATE December 6, 1978

(This space for Federal or State office use)

PERMIT NO. 43-119-30482      APPROVAL DATE \_\_\_\_\_

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

CONDITIONS OF APPROVAL, IF ANY:

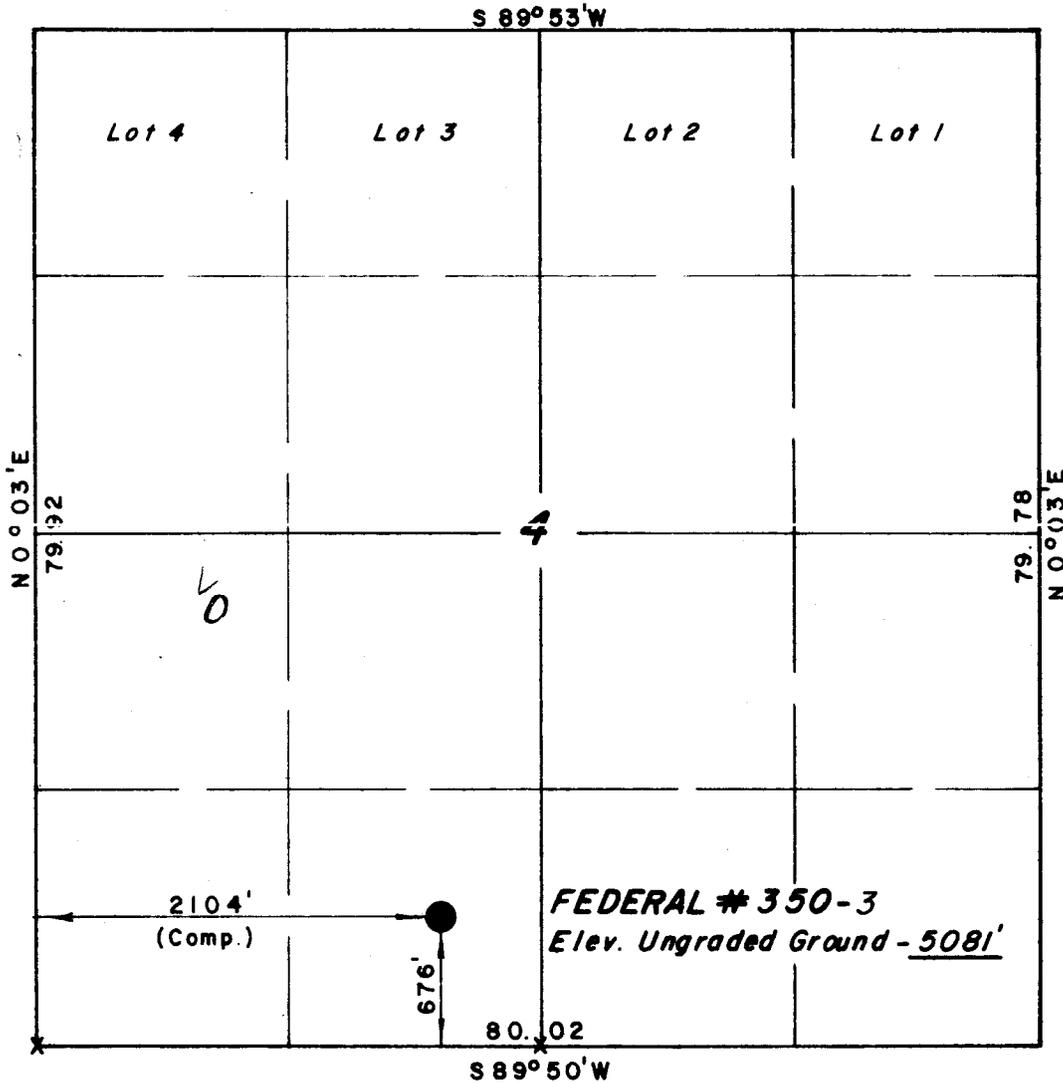
T18S, R24E, S.L.B.&M.

PROJECT

**ANSCHUTZ CORPORATION**

Well location, **FEDERAL #350-3**  
located as shown in the SE 1/4 SW 1/4  
Section 4, T18S, R24E, S.L.B.&M.  
Grand County, Utah.

EXHIBIT "A"



X = Section Corners Located



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM  
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY  
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE  
BEST OF MY KNOWLEDGE AND BELIEF.

*Lawrence C. Kay*  
REGISTERED LAND SURVEYOR  
REGISTRATION NO 3137  
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING  
P.O. BOX Q - 110 EAST - FIRST SOUTH  
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	10 / 30 / 78
PARTY	RK TJ RP	REFERENCES	GLO Plat
WEATHER	Clear / Warm	FILE	ANSCHUTZ CORP.

TABLE I  
Estimated Important Geologic Markers

<u>Formation</u>	<u>Depth</u>	<u>Elevation</u>
Mancos	Surface	+ 5091'
Base Dakota Silt	3391'	+ 1700'
Dakota Sand	3445'	+ 1646'
Cedar Mountain	3470'	+ 1621'
Morrison	3566'	+ 1525'
Salt Wash	3898'	+ 1193'
Summerville	4150'	+ 941'
Entrada	4220'	+ 871'
ETD	4500'	+ 591'

TABLE II  
Estimated Depths of Anticipated  
Water, Oil, Gas or Minerals

<u>Formation</u>	<u>Depth</u>
Dakota Gas, Oil or Water	3445'
Cedar Mountain Gas or Water	3470'
Morrison Gas, Oil or Water	3566'
Salt Wash Gas, Oil or Water	3898'
Summerville Gas, Oil or Water	4150'
Entrada Gas, Oil or Water	4220'

EXHIBIT "B"  
TEN-POINT COMPLIANCE PROGRAM  
OF NIL-6 APPROVAL OF OPERATIONS

Attached to Form 9-331C  
The Anschutz Corporation

Federal 350 No. 3  
2104' FWL-676' FSL  
Sec. 4, T.18S, R.24E  
Grand County, Utah

1. Geologic Surface Formation

This well is situated on the northwestern edge of the Grand Valley. The surface consists of alluvial and colluvial deposits derived from the sedimentary formations which form the steep faces of the Book Cliffs. The surface formation is the dark gray Mancos Shale and the Cliffs are formed from resistant Cretaceous and Tertiary sandstones.

2. Estimated Important Geologic Markers

See Table I.

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

See Table II.

4. Proposed Casing Program

The casing program for this well follows: 200 feet of 8 5/8" new K-55, 24# casing will be set in a 12 1/4" surface hole. This will be set with 180 sacks of Class G cement with return flow to the surface.

In the event of production, new 4 1/2", 9.5# production casing will be set in a 7 7/8" hole at T.D. This will be set with 200 sacks of 50-50 Posmix with 2% gel and 2% CaCl<sub>2</sub>.

5. Operator's Minimum Specifications for Pressure Control

Exhibit "C" is a schematic diagram of the blowout preventer equipment planned for use in these wells. The BOP's will be hydraulically tested to the full working pressure after nipping and after any use under pressure. Pipe rams will be operationally checked each 24 hour period. The blind rams and annular preventers will be checked each time pipe is pulled out of the hole. All testing 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. Type and Characteristics of Proposed Muds

- (a) It is planned that each 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 mud 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. 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. Testing, Logging, and Coring Programs

- (a) All valid shows will be tested. The objective for this well is the Entrada Formation.
- (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 be run at the minimum footage.
- (c) No coring is anticipated.

9. Anticipated Abnormal Pressure 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. Anticipated Starting Date and Duration of Operations

The anticipated starting date is set for February 1, 1979 or as soon as possible after examination of the surface and approval of all drilling requirements.

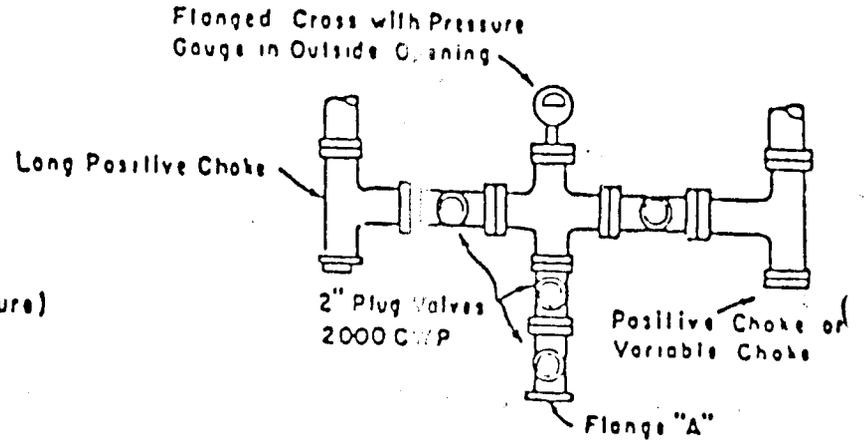
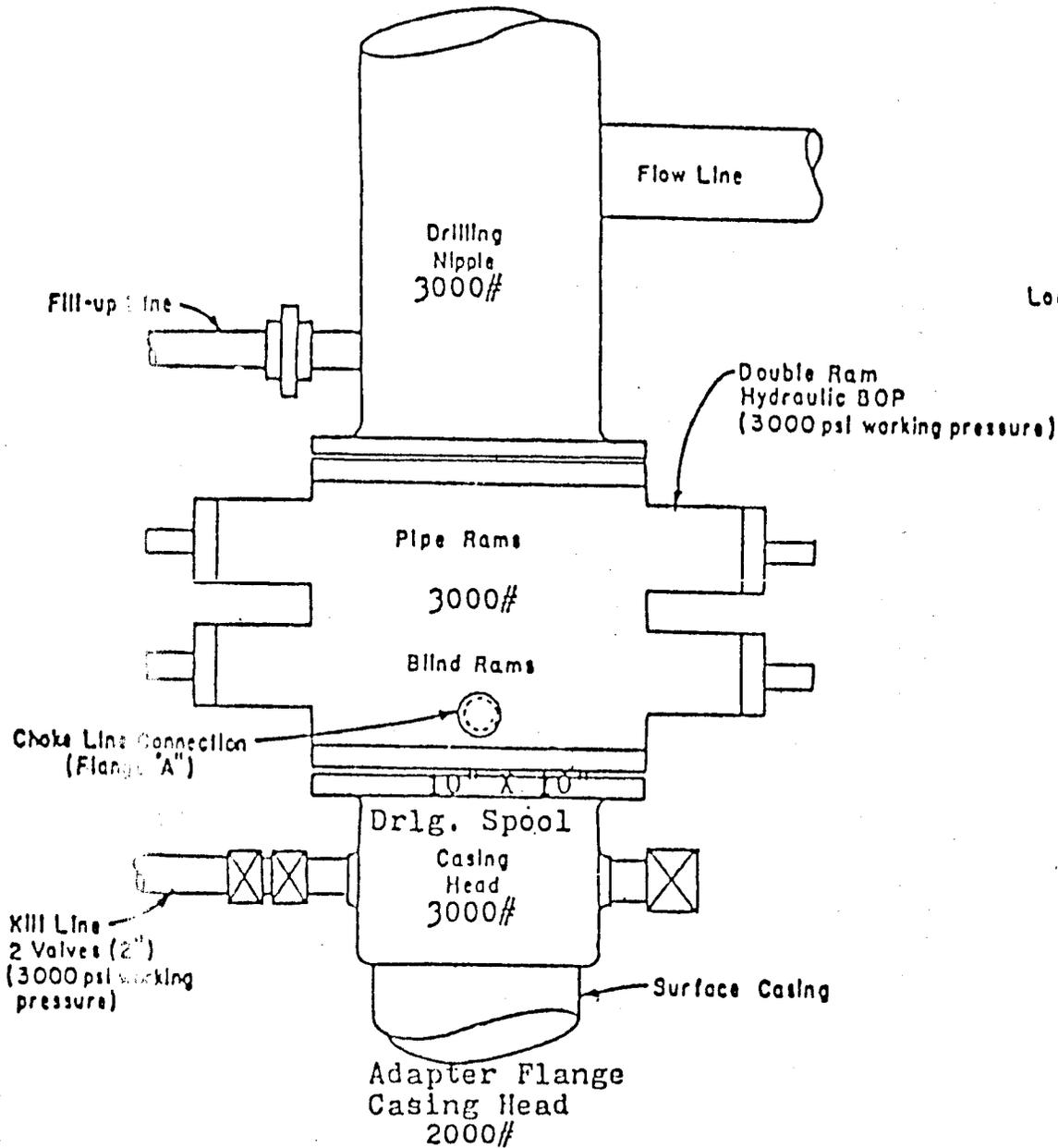
It is anticipated that this well should be completed within 20 days  
from completion of the surface.

11. Anticipated Fracture Stimulation Methods

Any fracturing operations on this well will be performed using a water based system. Approximately 40,000 gallons of frac fluid, 26,000 # 100 mesh sand, 47,000 # 20/40 mesh sand will be pumped at an anticipated rate of 25 bpm down 2-3/8" tubing at an estimated pump-in pressure of 2000 psi will be injected into this well if required.

The additional pad area required for fracutre stimulation of this well is outlined on Exhibit "F".

Rotating Head



PLAN VIEW-CHOKe MANIFOLD

Blowout Preventer Diagram  
 Anschutz Corporation  
 EXHIBIT "C"

EXHIBIT 'D'

MULTIPOINT REQUIREMENTS TO ACCOMPANY APD  
ATTACHED TO FORM 9-331C  
THE ANSCHUTZ CORPORATION

FEDERAL 350 - NO. 3  
2104' FWL and 676 FSL  
SEC. 4, T.18S, R.24E  
GRAND COUNTY, UTAH

1. Existing Roads

- A. Exhibit 'A', is the proposed well site as staked by Uintah Engineering and Land Surveying, and the ground elevation is shown thereon.
- B. Exhibit 'E' is a color coded map used because general features show more prominently than other maps found. One travels 40 miles on I-70 from Thompson, Utah, east to the Harley Dome exit, then proceeds north and east on U. S. 6 and 50. At the Westwater Unit turnoff, it is approximately 11 miles northwest on gravel and dirt road to the location. This location is within 1,000 feet of this road, which can be used in most weather conditions. The blue color in Exhibit 'E' indicates this good, passable road.
- C. Exhibit 'E' shows the existing usable roads in blue.
- D. This is not an exploratory well.
- E. All known roads in the area are shown in Exhibit 'E'. Generally, all roads are gravel or hard packed dirt.
- F. There is no plan to improve or maintain existing roads.

2. Planned Access Roads

- (1), (2), (3), (4), (5). The short access road is shown in red in Exhibit 'E'. This road need not exceed 16 feet, the maximum grade will be less than 1%, and there will be no need for turnouts, drainage design, culverts, or cut and fill.
- (6) No surfacing materials will be needed during drilling operations. If production is obtained, the access roads will be surfaced with local stream gravel.
- (7) No fencelines are crossed.
- (8) The access road will be less than 1,000' in length and therefore does not need to be center line flagged.

3. Location of Existing Wells

A one mile radius from this proposed development well is indicated in Exhibit "E". All known wells and their current status are indicated thereon.

- (1) No known water wells exist in the area.
- (2) Exhibit "E" shows all known wells in the area. The closest dry hole is in the SE 1/4 of the NE 1/4 Section 5, T.18S, R.24E.
- (3), (4), (5). There are no known temporarily abandoned disposal or drilling wells in the area.
- (6) The only producing well in this area is the Anschutz Corporation's well #2 Federal 258, as shown in Exhibit "E".
- (7), (8), (9). There are no known shut-in, injection, or observation wells in this area.

4. Location of Existing and/or Proposed Facilities

Existing facilities are shown on Exhibit "G". At present we do not anticipate having to move any of the production equipment with the exception of the pumping unit. No additional production equipment is anticipated.

An existing oil flow line from #2 Federal 258 to the tank battery at Federal 258 No. 1 is shown on Exhibit "E" in green.

5. Location and Type of Water Supply

Water, if needed, will be obtained from flowing water in West-water Creek.

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 dry or producing wells. There are no access routes needed for crossing Indian land. No new access roads or upgrading of present roads on Federal lands is anticipated.

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 prevent 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 each 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 moved off location. The location will be policed and cleaned up, and rehabilitation of unused areas will be done after the drilling or completion rig has moved off.

8. Ancillary Facilities

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

9. Well Site Layout

- (1) Exhibit "F", is the drill pad layout as staked by Uintah Engineering and Land Surveying. The cut and fill is noted thereon. The location has been constructed from these contours. The top 6 inches of soil will be stockpiled as shown on the plat.
- (2) The mud tanks, pits, rig orientation, etc. for this well are shown in Exhibit "G". If this well is drilled by air, these facilities may change accordingly.
- (3) Exhibit "H", shows the present facility orientation, parking areas and access road for the location. Rig orientation is shown in Exhibit "F".
- (4) The reserve pit will be lined with Bentonite. Steel mud pits, if used, will be as shown in Exhibit "G".

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 roads will be revegetated as needed.
- (3) Prior to rig release, the fourth side of the reserve pit at each drill site 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 Spring of 1979, or the Fall of 1979, for optimum growth potential.

11. Other Information

This well is located on the northwestern edge of the Grand Valley at the foot of the Book Cliffs. The topography of the immediate area grades from flat prairie to gullied hills, steeping with increasing proximity to the Cliffs. Long, narrow canyons, the majority of which carry only intermittent stream flow, form the chief topographic features of the Book Cliffs. This area receives very little annual precipitation; however, as this area is located at the mouth of Hay Canyon, it is subject to flash flooding.

The canyon bottom and adjacent flatlands are composed predominantly of alluvial and colluvial material consisting of poorly sorted boulders, gravel, sand and silt. The soil on all locations is a sandy, silty clay formed from this material and is primarily derived from the Cretaceous Mancos Shale and the resistant Cretaceous and Tertiary sands forming the cliffs (refer to Item 1 of Exhibit "B").

The Flora at this location consists of sagebrush, tumbleweed, cactus, bunch grass and other sparse grasses, and occasionally Pinyon Pine and Juniper. The vegetation constitutes approximately 40-70% of the ground cover. The remaining exposed soil material is highly erodible. The observed animal population is domesticated sheep and cattle and a few deer, rabbits, snakes and lizards. Other wildlife indigenous to a rugged, semiarid environment is presumed to exist.

11. Other Information - Cont'd

- (2) Grazing is the only observed current surface use in this area. The location for #4 Federal 258 adjoins an abandoned ranch which at one time supported cultivated crops. The surface ownership is public. The Bureau of Land Management is the Management Agency.
- (3) This location is close to a small intermittent stream, as can be seen on the topographic map reproduced in Exhibit "E". However, this location should be far enough from the stream that there will be no danger of contamination from seepage from the reserve pit, and any runoff of oil or chemicals from the drill site will not be permitted (refer to Item 7 above).

An archeological survey is being conducted by Gordon & Kranzush, Inc. and the report will be forthcoming under a separate cover.

The commencement of operations is planned for approximately February 1, 1979, or as soon as possible after approval.

12. Lessee's or Operator's Representative

Peter B. Doty  
Production Coordinator  
The Anschutz Corporation  
555 17th Street  
2400 Anaconda Tower  
Denver, Colorado 80202

Phone: (303) 825-6100  
Res: (303) 427-2873

Wayne C. Pierce  
Operations Manager  
The Anschutz Corporation  
555 17th Street  
2400 Anaconda Tower  
Denver, Colorado 80202

Phone: (303) 825-6100  
Res: (303) 794-3860

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 and its contractors and sub-contractors in accordance with this plan and their terms and conditions under which it is approved.

Date: 11-28-78



Name: Peter B. Doty  
Title: Production Coordinator  
The Anschutz Corporation

**ANSCHUTZ CORPORATION  
PROPOSED LOCATION  
FEDERAL 350 No. 3**

**Spadafora Field  
Legend**

- |                     |               |
|---------------------|---------------|
| Federal 258 No. 1   | P & A Junk    |
| Federal 258 No. 1-A | Drilling      |
| Federal 258 No. 2   | Producing Oil |
| Federal 258 No. 3   | Dry Hole      |
| Federal 258 No. 4   | Staked        |
| Federal 258 No. 5   | Dry Hole      |
| Federal 258 No. 6   | Staked        |
| Federal 258 No. 7   | Staked        |
| Federal 258 No. 8   | Staked        |
| Federal 350 No. 1   | Staked        |
| Federal 350 No. 2   | Staked        |
| Federal 350 No. 3   | Staked        |

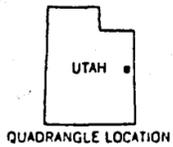
TOPO. MAP "B"



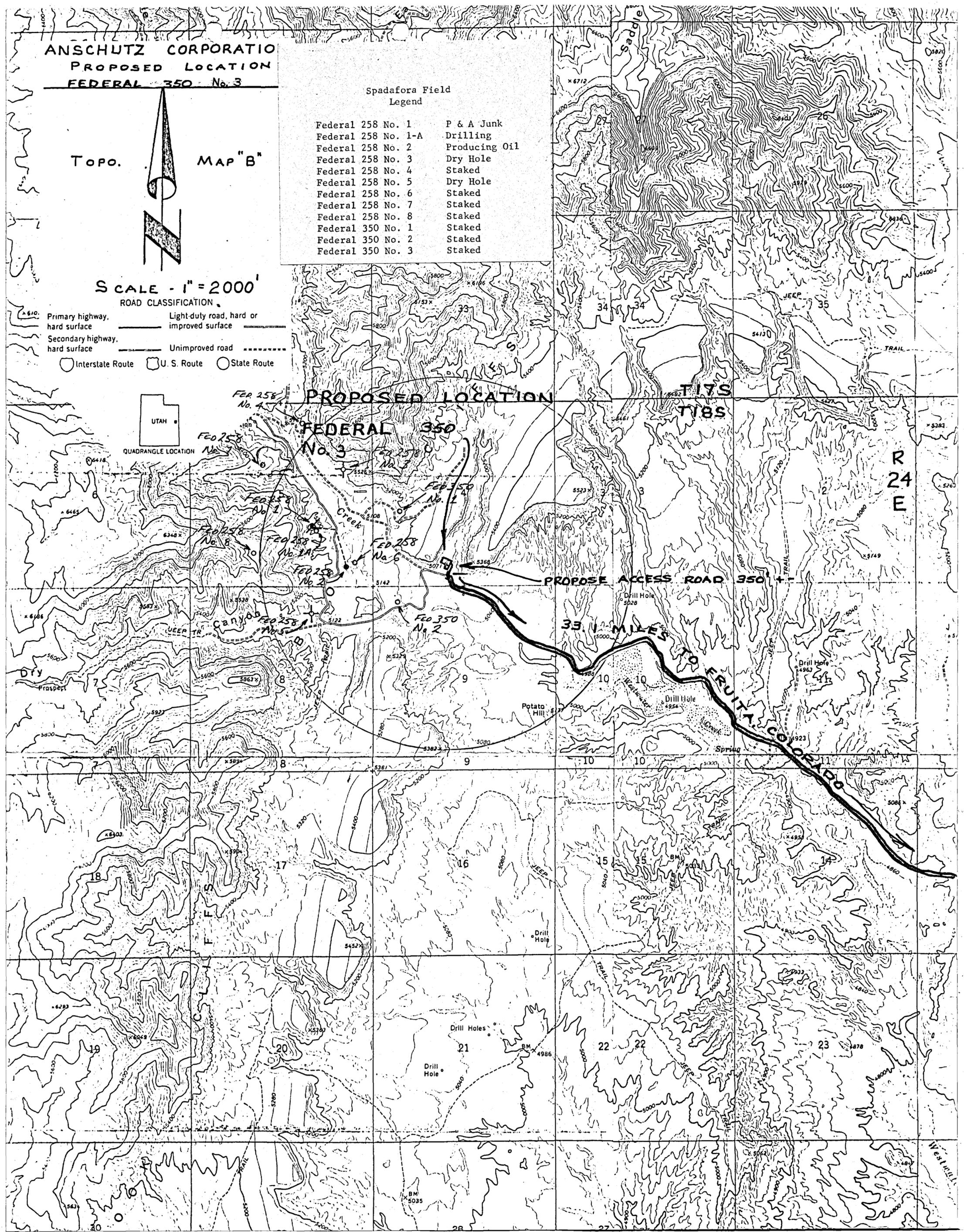
SCALE - 1" = 2000'

**ROAD CLASSIFICATION**

- |                                 |   |
|---------------------------------|---|
| Primary highway, hard surface   | Light-duty road, hard or improved surface |
| Secondary highway, hard surface | Unimproved road                           |
| Interstate Route                | U. S. Route                               |
|                                 | State Route                               |



UTAH  
QUADRANGLE LOCATION



**PROPOSED LOCATION**

**FEDERAL 350 No. 3**

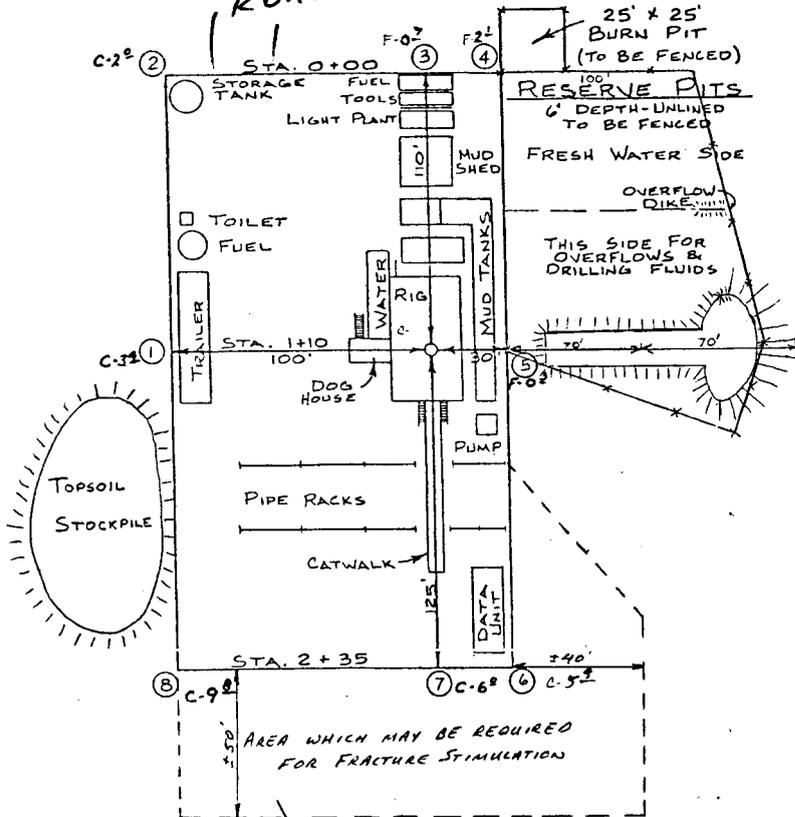
**PROPOSED ACCESS ROAD 350**

**33 MILES TO FRUIT, COLORADO**

**R 24 E**

**FRUIT, COLORADO**

ACCESS ROAD



25' x 25' BURN PIT (TO BE FENCED)

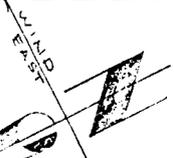
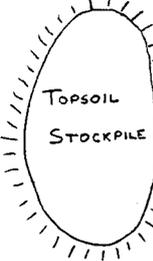
RESERVE PITS 6' DEPTH-UNLINED TO BE FENCED

FRESH WATER SIDE

OVERFLOW DIKE

THIS SIDE FOR OVERFLOWS & DRILLING FLUIDS

AREA WHICH MAY BE REQUIRED FOR FRACTURE STIMULATION



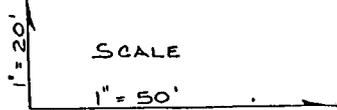
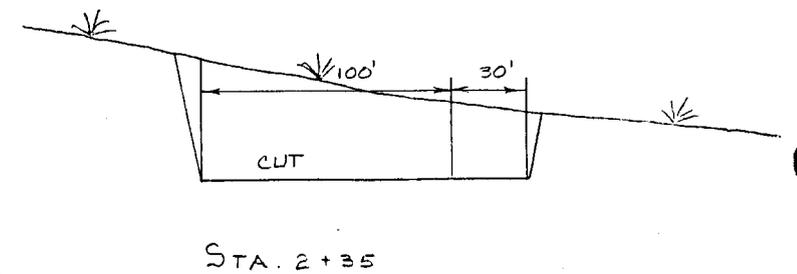
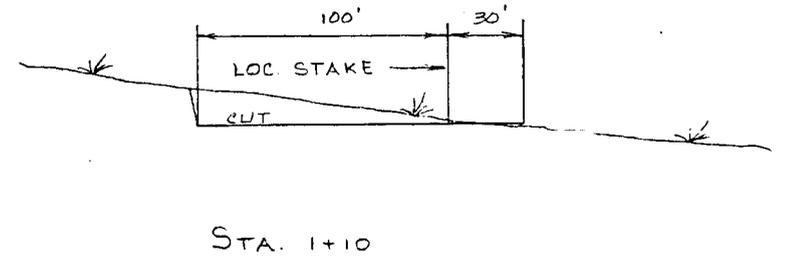
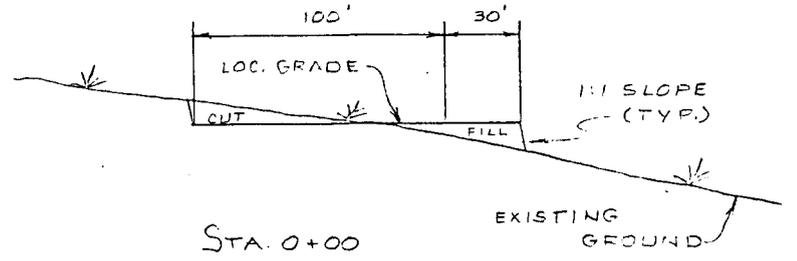
SCALE - 1" = 50'

SOILS LITHOLOGY - NO SCALE -



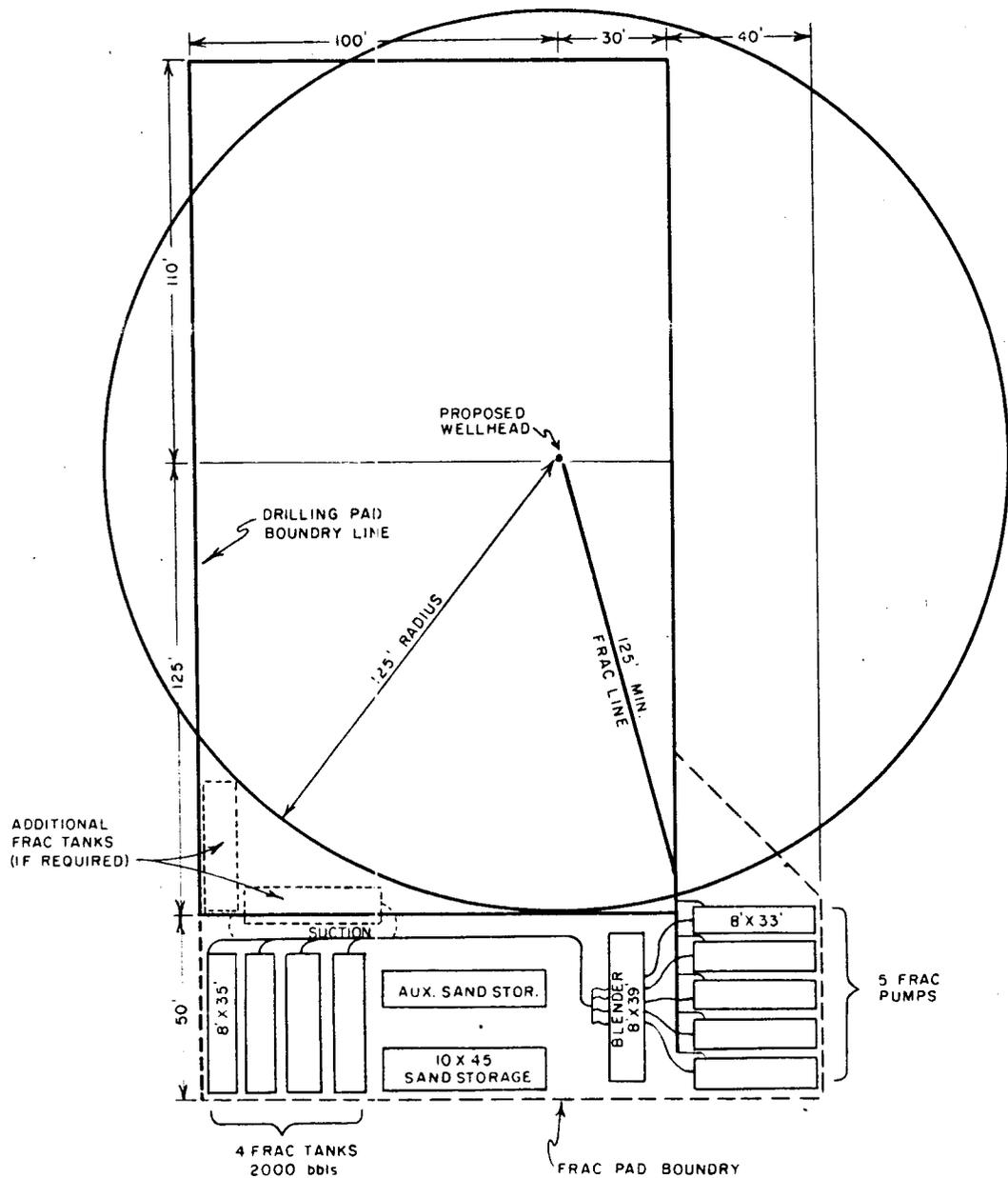
ANSCHUTZ CORP.  
FEDERAL 350 No. 3  
LOCATION LAYOUT SHEET

C  
R  
O  
S  
S  
  
S  
E  
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T  
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N  
S



APPROX. YARDAGES

CUT	3,425 CU. YDS.
FILL	123 CU. YDS.

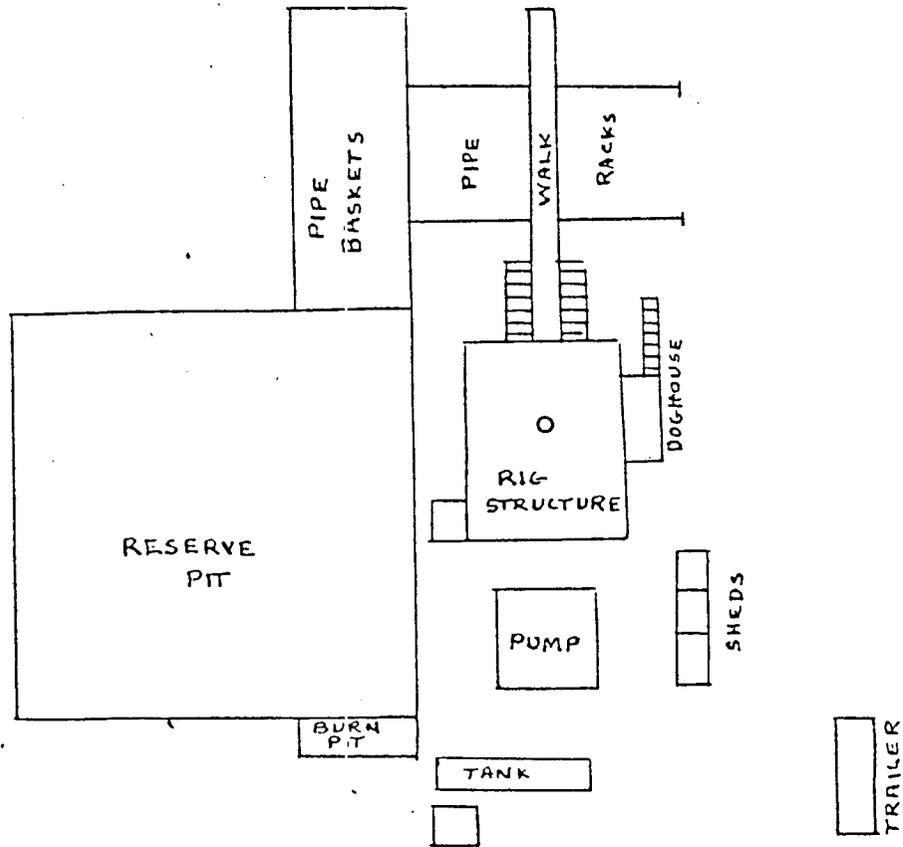


THE ANSCHUTZ CORPORATION  
 FRACTURE STIMULATION  
 PROPOSED EQUIPMENT LAYOUT  
 EXHIBIT "F<sub>1</sub>"

EXHIBIT "G"

SIMPLIFIED RIG LAYOUT

SMALL LOCATION

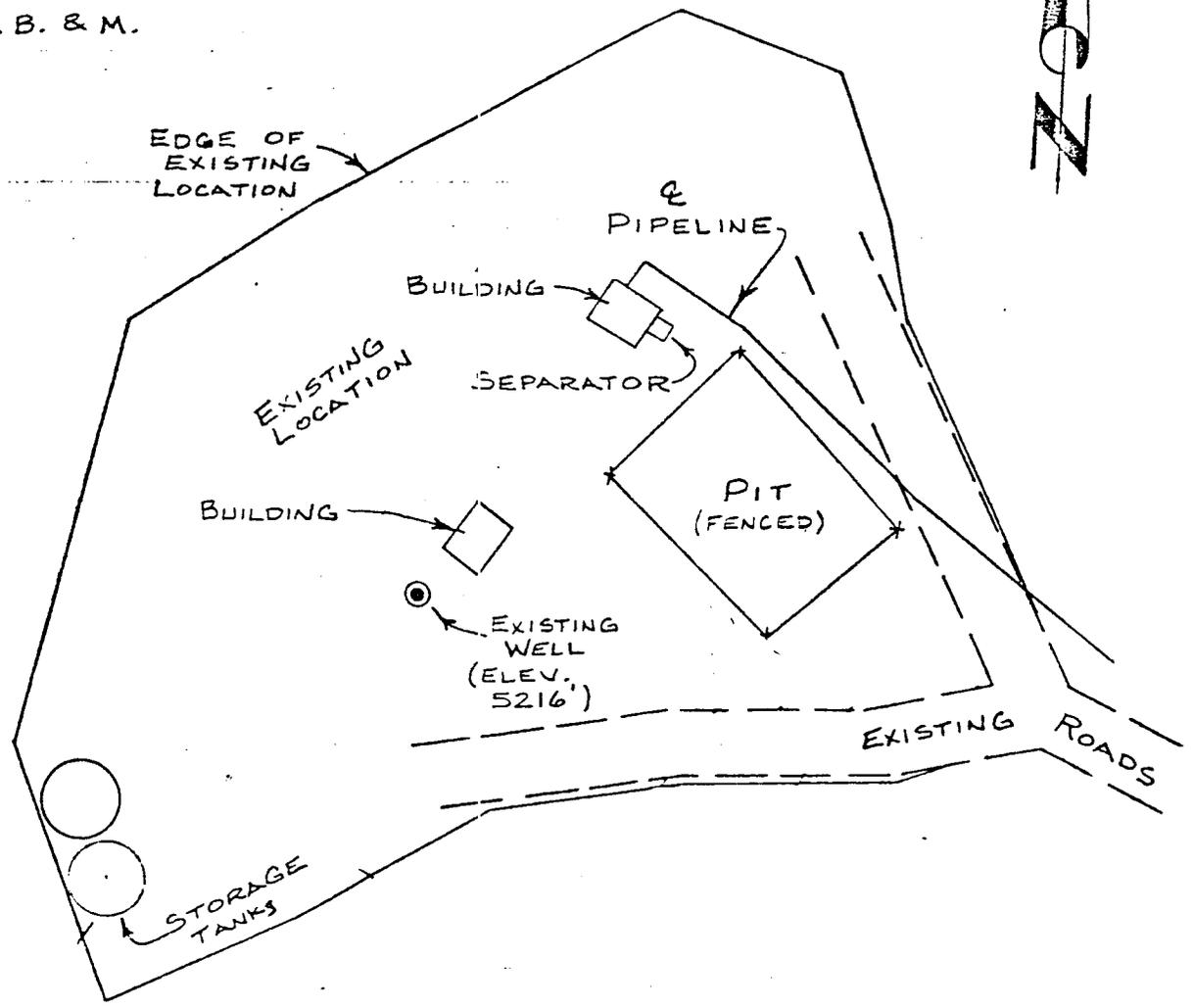
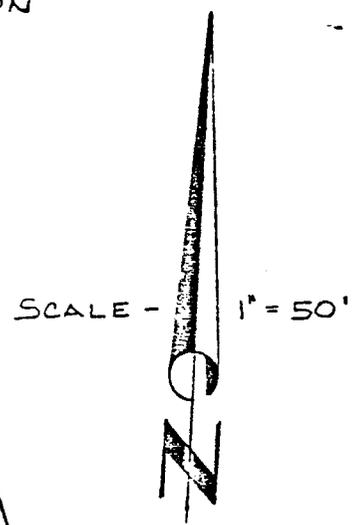


1. Rig will be oriented on drill pad as best suited for pits and topography
2. Each drill pad is immediately off of existing roads except #3 - Fed - 258 (See Exhibit "F" for its access)

ANSCHUTZ CORP.

LAYOUT OF EXISTING LOCATION  
(FEDERAL 258 #1)  
EXHIBIT "H"

SECTION 5,  
T18S,  
R24E,  
S.L.B. & M.



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

\*\* FILE NOTATIONS \*\*

Date: Dec. 27  
Operator: Auschutz Corp.  
Well No: Ed. 350-#3  
Location: Sec. 4 T. 18S R. 2E County: Grand

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

API NUMBER: 43 019 30482

CHECKED BY:

Administrative Assistant SW  
Remarks: OK - fits spacing - C-3  
Petroleum Engineer M.G.M.

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



SCOTT M. MATHESON  
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
Executive Director,  
NATURAL RESOURCES

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771  
December 27, 1978

I. DANIEL STEWART  
Chairman

CLEON B. FEIGHT  
Director

CHARLES R. HENDERSON  
JOHN L. BELL  
THADIS W. BOX  
C. RAY JUVELIN

The Anschutz Corporation  
555 - 17th Street  
Suite 2400  
Denver, Colorado 80202

Re: Well No's:  
Federal 258 - #7,  
Sec. 5, T. 18 S, R. 24 E,  
Federal 350 - #3  
Sec. 4, T. 18 S, R. 24 E,  
Grand County, Utah

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.

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 - Consultant  
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 number assigned to this well is: 258-#7: 43-019-30481;  
350-#3: 43-019-30482.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT  
Director

cc: U.S. Geological Survey

UTAH O+G

*File*



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



January 2, 1979

Mr. Edgar Guynn  
District Engineer  
U. S. Geological Survey  
8440 Federal Building  
Salt Lake City, Utah 84138

Re: Federal 350 No. 3  
SE SW Sec 4, T.18S-R.24E  
Grand County, Utah

Dear Mr. Guynn:

Enclosed are four copies of the APD package for the above referenced location and four copies of a supplement to the Multi-point Requirements per your suggestion.

If the supplement is not sufficient to complete the package, please contact us and we will furnish the required information.

Thank you.

Very truly yours,

*P B Doty*

Peter B. Doty  
Operations Coordinator

PBD/mle  
Enclosures:

SUPPLEMENT

EXHIBIT "D"

MULTI-POINT REQUIREMENTS TO ACCOMPANY APD

ATTACHED TO FORM 9-331-C

THE ANSCHUTZ CORPORATION

FEDERAL 350 No. 3  
2104' FWL - 676' FSL  
SEC. 4, T.18S-R.24E  
GRAND COUNTY, UTAH

1. Existing Roads

- B. A map showing the route and distance from the nearest town or locatable reference point to where the well access route leaves the main road is attached as ATTACHMENT A.

2. Planned Access Roads

- (8) The new access road will be essentially straight. The total distance from the point where the access road leaves the existing main road will be approximately 350 feet. Centerline flagging is in place. The location stake is clearly visible from the main road.

4. Location of Existing and/or Proposed Facilities

- A. Within a one mile radius of location show the following existing facilities owned or controlled by lessee/operator:

(1), (2) A tank battery and production facilities are located at the Federal 258 No. 1 location indicated on Exhibit "E". A sketch of these facilities is shown on Exhibit "H".

(4), (5), (6) No gas gathering injection or disposal lines within a one mile radius are controlled or owned by the lessee/operator.

- B. In the event of production:

(1), (2), (3) The production facilities at the Federal 258 No. 1 location will be used. Coupled line pipe approximately 2 inches in diameter will be surface laid cross-country from the proposed well to the Federal 258 No. 1 location.

4. Location of Existing and/or Proposed Facilities (Cont'd)

B. In the event of production:

(1), (2), (3) Surface damages with regard to a flowline right-of-way have not been held to date however, previous discussions with Mr. Spadafora have indicated he would be amenable. It is anticipated that these discussions will be held upon establishment of production.

All pits will be fenced and, if oil is present on the pit, overhead flagging will be installed.

C. Areas no longer required for production operations after the completion of the well will be reclaimed as soon as practical after operations cease. This will be accomplished by recontouring, ripping, seeding and harrowing those areas.

5. Location and Type of Water Supply

A. Water will be obtained from the NE  $\frac{1}{4}$ , SE  $\frac{1}{4}$ , Sec. 5, T.18S-R.24E, Grand County, Utah from flowing water in Westwater Creek. Arrangements have been made with the owner for the purchase of the water.

B. Water will be trucked on existing roads approximately one-half mile. No new roads will be required.

C. No water well will be required.

9. Well-Site Layout

(3) Parking areas are outlined on Exhibit "F".

11. Other Information

(3) There are no known occupied dwellings in the area of this well.

A historical site is located in NE  $\frac{1}{4}$ , NW  $\frac{1}{4}$ , Sec5, T.18S-R.24E that being a Robidoux Inscription. A historic ranch is located in the NW  $\frac{1}{4}$ , NE  $\frac{1}{4}$  of Sec. 5, T.18S-R.24E.

An archaeological site is located in SE  $\frac{1}{4}$ , SE  $\frac{1}{4}$ , Sec. 5, T.18S-R. 24E. This site was identified by Gordon & Kranzush, Inc. and is further identified as a prehistoric site 42 Gr 851.

No other archaeological historic or cultural sites are known at this time.

13. Certification of Supplement

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 and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

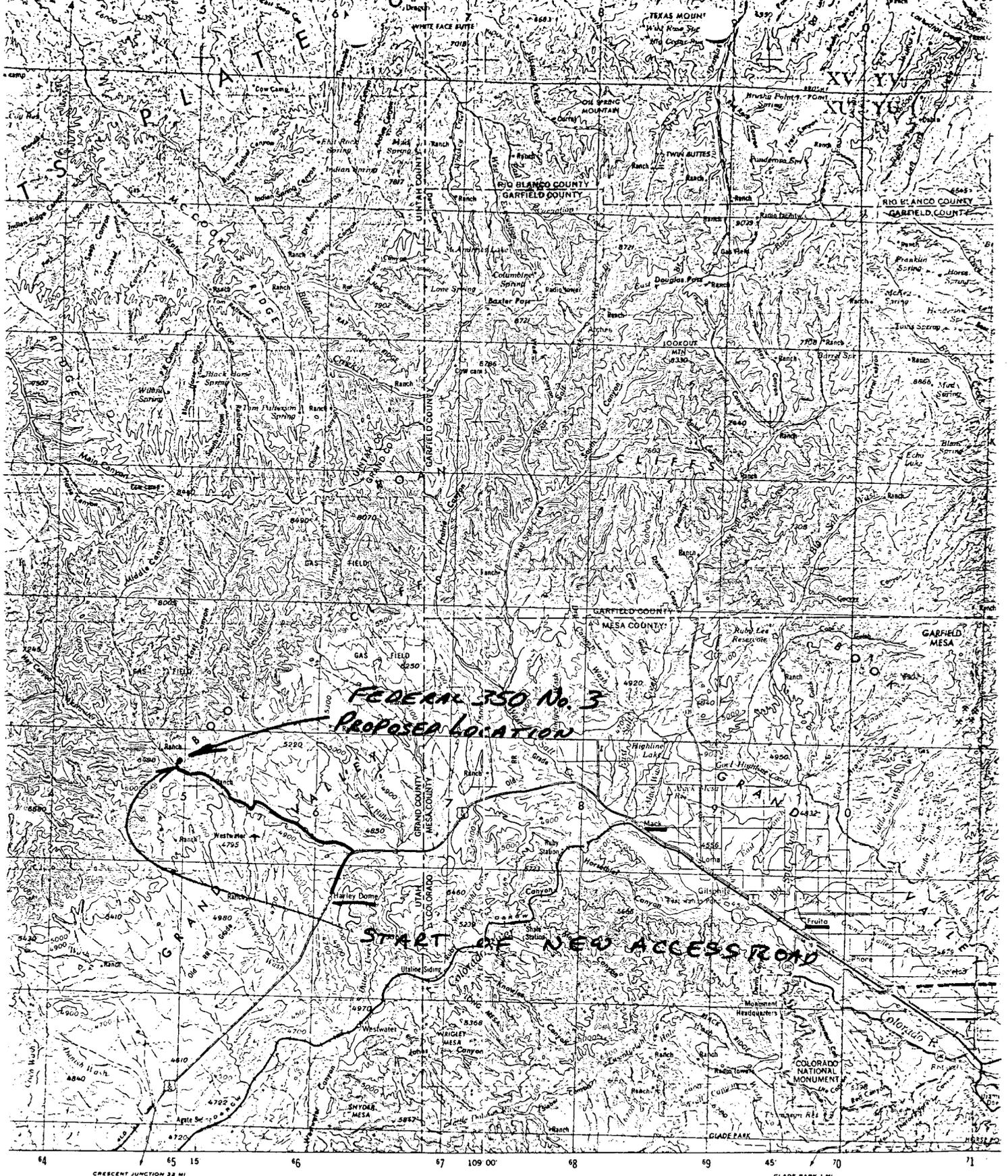
1-3-79

Date

FBR

Name and Title

*Operations Coordinator*



Scale 1:250,000

0 5 10 15 20 25 30 Statute Miles

0 5 10 15 20 25 30 Kilometers

0 5 10 15 Nautical Miles

CONTOUR INTERVAL 200 FEET  
WITH SUPPLEMENTARY CONTOURS AT 100 FOOT INTERVALS

TRANSVERSE MERCATOR PROJECTION

BLACK NUMBERED LINES INDICATE THE 10,000 METER UNIVERSAL TRANSVERSE MERCATOR GRID, ZONE 12

1983 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM 15W (180 MILS) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 14W (180 MILS) EASTERLY FOR THE CENTER OF THE EAST EDGE

FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR WASHINGTON, D.C. 20242

LOCATION	
BRUNSWICK	UTAH 12.8
AN 12.8	UTAH 12.8
FOOT 1.8	UTAH 12.11
NR 12.11	UTAH 12.11
NJ 12.1	UTAH 12.2
DE 12.1	UTAH 12.2
NR 12.4	UTAH 12.5
DE 12.4	UTAH 12.5
DE 12.7	UTAH 12.6
NR 12.7	UTAH 12.6



2400 ANACONDA TOWER  
555 SEVENTEENTH STREET  
DENVER, COLORADO 80202  
TELEPHONE 303-825-6100  
TWX 910-931-2820



May 15, 1979

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

Dear Mr. Feight:

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

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

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

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

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

Very truly yours,

  
Peter B. Doty  
Operations Coordinator

PBD:jp

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



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

July 3, 1979

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

Dear Mr. Feight:

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

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

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

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

*Location Abandoned*

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

Very truly yours,

  
Peter B. Doty  
Operations Coordinator

PBD:jp



SCOTT M. MATHESON  
Governor

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

CLEON B. FEIGHT  
*Director*

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116  
(801) 533-5771

November 14, 1979

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON  
*Chairman*

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

Anschutz Corp.  
2400 Anaconda Tower 555 17<sup>th</sup> Street  
Denver Colo,  
80202

RE: See Attached Sheet For  
Well Information.

Gentlemen:

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

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

Your prompt attention will be greatly appreciated.

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

*Debbie Beauregard*  
DEBBIE BEAUREGARD  
CLERK-TYPIST

CC: U.S. Geological Survey

ATTACHMENT, WELLS.

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



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

November 26, 1979

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

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

Attention: Debbie Beauregard

Debbie:

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

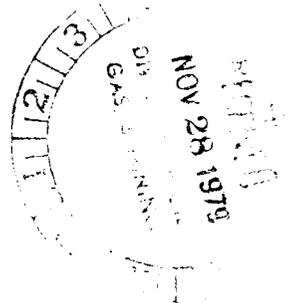
We will forward a copy of your letter to Texoma Production Co., and a copy of our letter, to you, so that they can comply with your request. Thank you.

Very truly yours,

Wayne C. Pierce  
Production Manager

WCP:amc

CC: Texoma Production Company  
U. S. Geological Survey



ATTACHMENT, WELLS.

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