

UTAH DIVISION OF OIL AND GAS CONSERVATION

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

4-9-74 Approval To Drill Terminated

DATE FILED *4-12-73*

LAND: FEE & PATENTED _____ STATE LEASE NO. _____ PUBLIC LEASE NO. *U-036847* INDIAN _____

DRILLING APPROVED: *4-13-73*

SPUDED IN: _____

COMPLETED: _____ PUT TO PRODUCING: _____

INITIAL PRODUCTION: _____

GRAVITY A.P.I. _____

GOR: _____

PRODUCING ZONES: _____

TOTAL DEPTH: _____

WELL ELEVATION: _____

DATE ABANDONED: *4-9-74 L.A.*

FIELD: *Book Cliffs Ext. 3/86 Undesignated*

UNIT: _____

COUNTY: *Grand*

WELL NO. *BOOK CLIFFS FEDERAL #6* APT. NO: *43-019-30138*

LOCATION *2162'* FT. FROM ~~NN~~ (S) LINE, *2430' F* FT. FROM ~~NE~~ (W) LINE. *NE NE SW* $\frac{1}{4}$ - $\frac{1}{4}$ SEC. *6*

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR:
<i>19 S</i>	<i>22 E</i>	<i>6</i>	<i>TOLEDO MINING COMPANY</i>				

19 S 22 E 6 TOLEDO MINING COMPANY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.
U-016842

6. IF INDIAN RESERVE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
Teleda-Book Cliffs #6

10. FIELD AND POOL, OR WILDCAT

11. SECTION, BLK. AND SURVEY OR AREA
Sec. 6, 19S, 22E, S.L.M.

12. COUNTY OR PARISH 13. STATE
Grand Utah

22. APPROX. DATE WORK WILL START*
May 1, 1973

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
Teleda Mining Company

3. ADDRESS OF OPERATOR
321 Hawthorne Bldg. Salt Lake City, Utah

4. LOCATION OF WELL (Report location clearly and in accordance with State requirements.)*
 At surface **NE. SW. Sec. 6, T. 19 S, R. 22 E, S.L.M.**
 At proposed prod. zone **2162' fr. S-line & 2430' fr. W-line**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approx. 18 Miles W. of Cisco, Utah

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
2162'

16. NO. OF ACRES IN LEASE
640 Ac.

17. NO. OF ACRES ASSIGNED TO THIS WELL
320 Ac.

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
5800'

19. PROPOSED DEPTH
5800'

20. ROTARY OR OTHER TOOLS
Rotary tools

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
1 1/2 mi. 6115' grd.; 6125' D.F.

23. PROPOSED CASING AND CEMENTING PROGRAM
May 1, 1973

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	9 5/8"	36.00#	250'	120 sks.
8 3/4"	7"	20.00#	2000'	30 sks.

It is planned to drill a hole at the above location to test the gas possibilities of the various sand reservoirs in the Baketa, Cedar Mountain, and Morrison formations. The well will be drilled with rotary tools using air and air-water-soap mist for a circulating medium. An intermediate string of 7" casing will be set thru the Castlegate sand member of the Mesaverde formation to shut off the upper water zones. The remainder of the well will be drilled dry, if possible. The well will be drilled to a depth of about 5800', to commercial production, or into the Salt Wash section of the Morrison, whichever is at the lesser depth. A blowout preventor and rotating head will be used on the well to maintain adequate control of possible gas pressures. In the event of production, 4 1/2" casing will be set and cemented thru the pay zone. An IES log will be run prior to running the intermediate string of casing.

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 Gurgley TITLE Cons. Geologist DATE Apr. 10, 1973
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY :

*See Instructions On Reverse Side

**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
Toledo Mining Company

3. ADDRESS OF OPERATOR
321 Newhouse Bldg., Salt Lake City, Utah

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
NE NE, SW. Sec. 6, T. 19 S, R. 22 E, S.L.M.
 At proposed prod. zone
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21. ELEVATIONS (Show whether DF, RT, GR, etc.)
1 1/2 mi. 6115' grd.; 6125' D.F.

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5. LEASE DESIGNATION AND SERIAL NO.
U-036847

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT
Toledo- Book Cliffs #6

11. SEC., T. & R. OR B.L.S. AND SURVEY OR AREA
Wildcat Book Cliffs Sec. 6, 19S, 22E, S.L.M.

12. COUNTY OR PARISH | 13. STATE
Grand | Utah

16. NO. OF ACRES IN LEASE
640 Ac.

17. NO. OF ACRES ASSIGNED TO THIS WELL
320 Ac.

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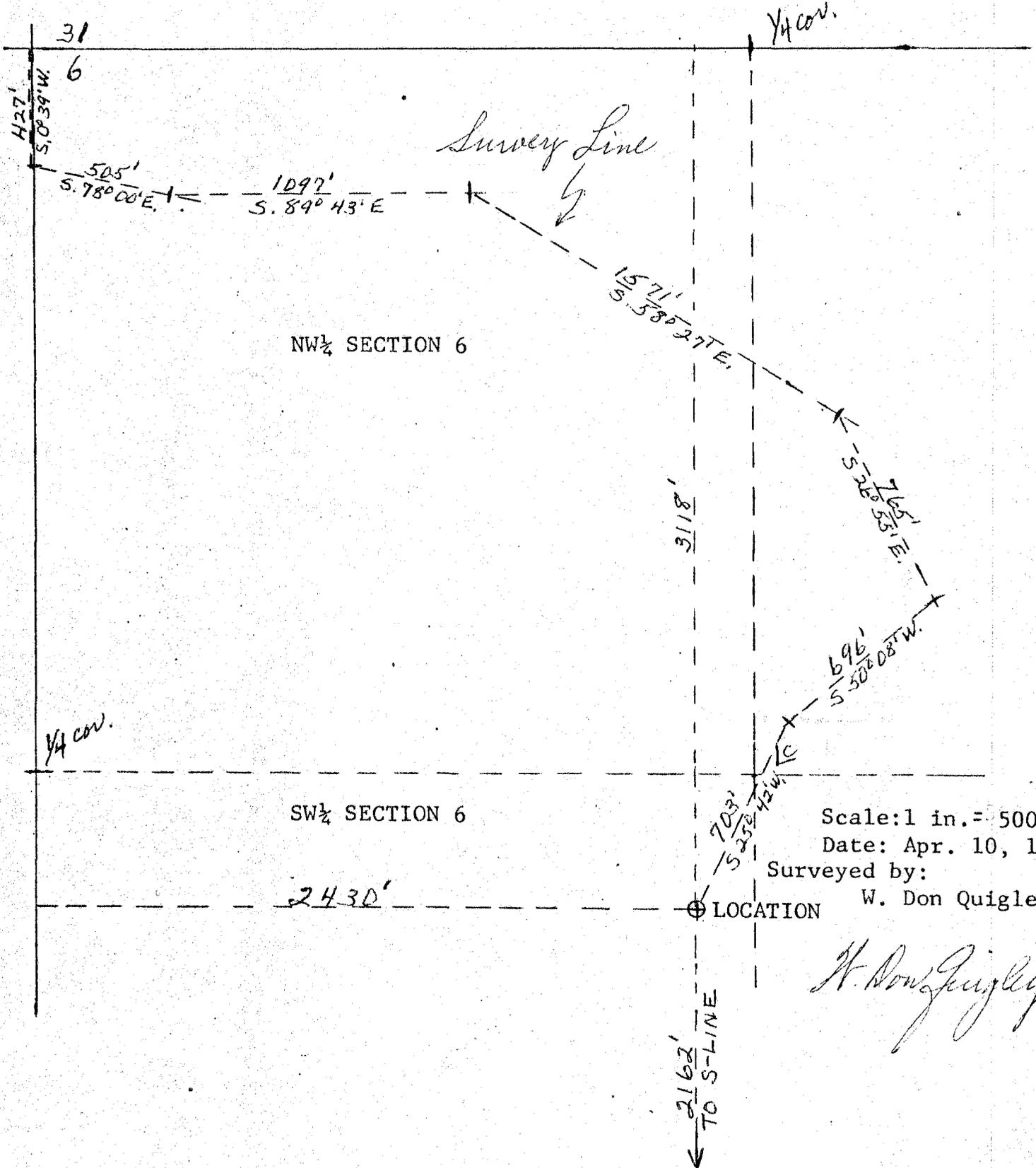
24. SIGNED *H. Row Gungley* TITLE Cons. Geologist DATE Apr. 10, 1973

PERMIT NO. 43-019-30138 APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

LOCATION PLAT FOR
 TOLEDO MINING COMPANY #6
 BOOK CLIFFS #1 WELL
 NE. SW. SEC. 6-19S-22E
 GRAND COUNTY, UTAH
 Elev.: 6115' grd.



W. DON QUIGLEY

OIL AND MINERALS CONSULTANT
803 PHILLIPS PETROLEUM BLDG. - SALT LAKE CITY, UTAH 84101

April 10, 1973

LOCATION PLANS FOR
TOLEDO-BOOK CLIFFS #6 WELL
NE.SW.SEC.6-19S-22E.
GRAND COUNTY, UTAH

1. A survey plat for the location of the subject well is attached.
2. A portion of the topographic map of the general area surrounding the location is attached. This shows the existing roads, the topography, the drainage system in the area, the location of the proposed well, and the new road which must be built to the well site.
3. A detailed sketch of the location plan and equipment placement for the drilling of the well is attached.
4. It is planned to haul water by truck or pump the water thru a 2-inch line (if not too cold) from Cottonwood creek.
5. Excess water, dust cuttings, soap, and mud (if used) will be flushed or blown into the reserve pit until the completion of the well.
6. When the well is finished and completed or abandoned, the location will be cleaned, all trash removed, the area leveled and restored to its natural state as near as possible. The reserve pit will be folded-in and covered along with the rest of the clean-up work.

W. Don Quigley
W. Don Quigley

LOCATION PLAN FOR
TOLEDO- BOOK CLIFFS #6 WELL
NE.SW.SEC.6-19S-22E
GRAND COUNTY, UTAH

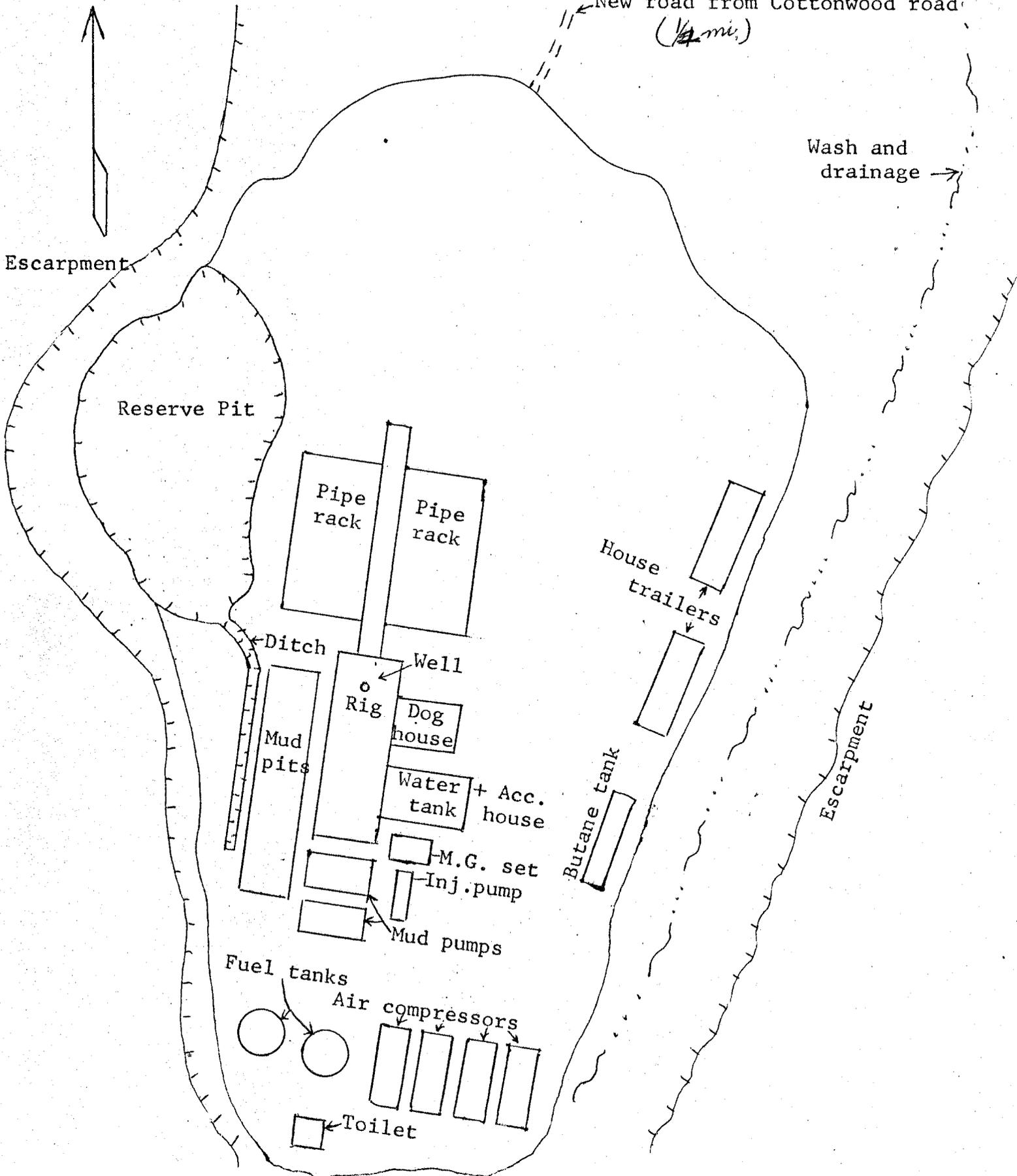


New road from Cottonwood road
(1/4 mi.)

Wash and drainage →

Escarpment

Reserve Pit



Escarpment

Toilet

Air compressors

Fuel tanks

Mud pumps

Inj. pump

M.G. set

Water tank + Acc. house

Dog house

Rig

Well

Ditch

Mud pits

Pipe rack

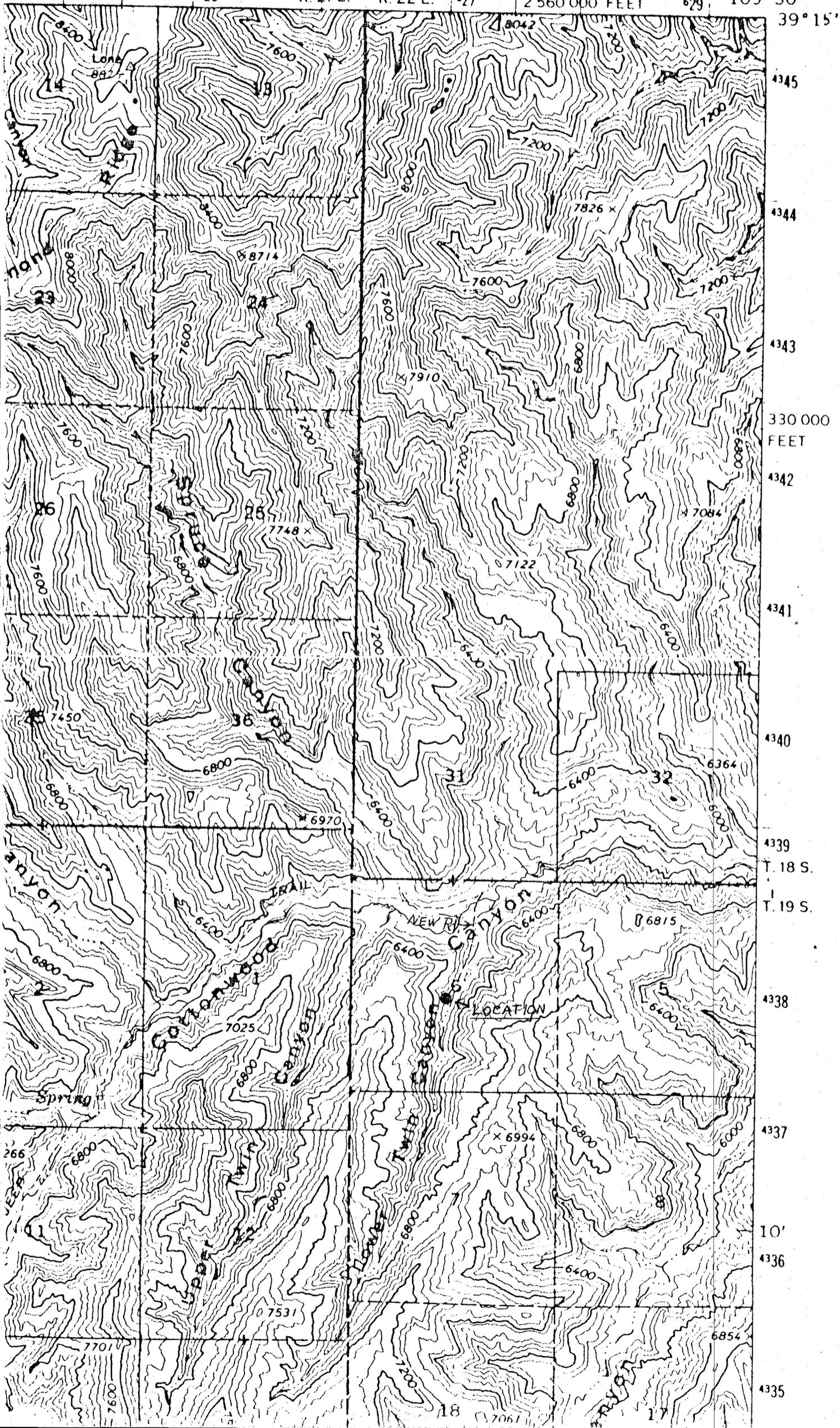
Pipe rack

House trailers

Butane tank

15-MINUTE SERIES (TOPOGRAPHIC)

624 625 R. 21 E. R. 22 E. 627 2 560 000 FEET 629 109° 30' 39' 15'



Handwritten notes on the right margin, including 'T. 18 S.' and 'T. 19 S.'.

DUPLICATE COPIES OF WELL HISTORY INFORMATION

April 13, 1973

Toledo Mining Company
321 Newhouse Building
Salt Lake City, Utah

Re: Book Cliffs Federal #6
Sec. 6, T. 19 S, R. 22 E,
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted. However, said approval is conditional upon the following:

- (1) Written notification that the above unorthodox location is due to topographical and/or geological conditions. ✓
- (2) Written notification that your company owns or controls all acreage within a 660' radius of the proposed well location. ✓

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL - Chief Petroleum Engineer
HOME: 277-2890
OFFICE: 328-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation relative to the above will be greatly appreciated.

Toledo Mining Company
April 13, 1973
Page Two

The API number assigned to this well is 43-019-30138.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:s.l

cc: U.S. Geological Survey

PW

May 23, 1973

MEMO FOR FILING

Re: Toledo Mining Company
Book Cliffs Federal #6
Sec. 6, T. 19 S, R. 22 E,
Grand County, Utah

On May 16, 1973, the above referred to location was visited.

Proposed well site remains as a staked location only. The Willard Pease Drilling Company is still drilling in Colorado and will move in the rig within the next couple of weeks.

PAUL W. BURCHELL
CHIEF PETROLEUM ENGINEER

PWB:ck

cc: U.S. Geological Survey

W. DON QUIGLEY

OIL AND MINERALS CONSULTANT
803 PHILLIPS PETROLEUM BLDG. - SALT LAKE CITY, UTAH 84101

July 18, 1973

Mr. Cleon Feight
Division of Oil & Gas Conservation
Dept. of Natural Resources
1588 West North Temple
Salt Lake City, Utah 84116

Re: Unorthodox Location
of Toledo Book Cliffs
Fed. #6 Well

Dear Mr. Feight:

The subject well, Toledo-Book Cliffs Fed. #6, in NE.SW.Sec. 6, T.19 S.,R.22 E.,S. L.M., is in an unorthodox position as far as the state regulations concerning distance from a sub-division line, due to topographic limitations. As can be noted from the segment of the topographic map sent with the application, the well site is in a steep-walled canyon which trends nearly north-south thru the center of the section, which makes a location which is the required distance from the centerline impossible.

Toledo Mining Company has the operating rights to all of Section 6, T.19 S.,R.22 E., thus covering all lands within a radius of 2000 ft. around the proposed well site.

Sincerely Yours,

W. Don Quigley
W. Don Quigley

for Toledo Mining Co.

September 13, 1973

Toledo Mining Company
321 Newhouse Bldg.
Salt Lake City, Utah

Re: Well No. Book Cliffs Fed. #6
Sec. 6, T. 19 S, R. 22 E,
Grand County, Utah

Gentlemen:

Our records indicate that you have not filed a Monthly Report of Operations for the months of April thru' August, 1973, on the subject well.

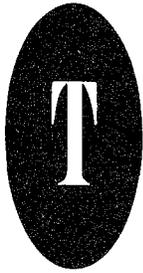
Rule C-22, General Rules and Regulations and Rules of Practice and Procedure requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report is to be filed on Form OGC-1b, (U.S. Geological Survey 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

SCHEREE DeROSE
EXECUTIVE SECRETARY



ANTHONY G. HATSIS
PRESIDENT

TOLEDO MINING COMPANY

322 NEWHOUSE BLDG. • SALT LAKE CITY, UTAH 84111 • PHONE 801-322-0417

4 October 1973

State of Utah
Department of Natural Resources
1588 West North Temple
Salt Lake City, Utah 84116

Re: Well No. Book Cliffs Fed. #6
Sec. 6, T. 19 S. R 22 E.
Grand County, Utah

Gentlemen:

With reference to your letter of September 13, 1973 in connection with the above well we have to inform you that we have not commenced drilling at this date because of the lack of availability of a suitable drill rig. We will communicate with you further in due course.

Sincerely yours,


H. John Rix
Vice President & Comptroller

HJR:erp

April 9, 1974

Toledo Mining Company
322 Newhouse Building
Salt Lake City, Utah 84111

Re: Well No. Book Cliffs #6
Sec. 6, T. 19 S, R. 22 E,
Grand County, Utah

Gentlemen:

Upon checking our records, it is noted that there has been no attempt to commence drilling operations on the above referred to well for a period of eleven months. Therefore, the approval to drill granted in our letter of April 13, 1973, is hereby terminated.

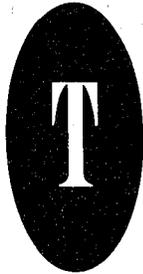
If and when you should decide to drill this well, it will be necessary for you to again obtain the approval of this office.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd



ANTHONY G. HATSIS
PRESIDENT

PE PAB

TOLEDO MINING COMPANY

322 NEWHOUSE BLDG. • SALT LAKE CITY, UTAH 84111 • PHONE 801-322-0417

May 23, 1974

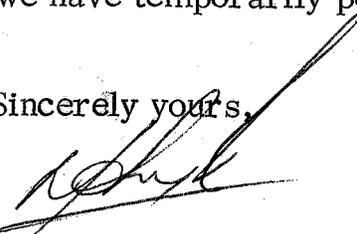
Mr. Cleon B. Feight, Director
Division of Oil & Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

Re: Book Cliffs No. 6

Dear Mr. Feight:

We acknowledge receipt of your Letter of April 9, 1974 in connection with the above well. We have to advise you that due to the unavailability of a suitable drill rig we have temporarily postponed drilling of this well.

Sincerely yours,



H. John Rix
Vice President & Comptroller

HJR:erb



United States Department of the Interior

GEOLOGICAL SURVEY
Conservation Division
8426 Federal Building
Salt Lake City, Utah 84138



January 19, 1976

Toledo Mining Company
321 Newhouse Building
Salt Lake City, Utah 84111

Re: Well No. 6
NE $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 6-19S-22E
Grand County, Utah
Federal Lease U-036847

L.A.

Gentlemen:

Our records do not indicate that drilling has commenced on the referenced well and, therefore, the Application for Permit to Drill which was approved April 10, 1973 is rescinded effective as of this date without prejudice.

Any surface disturbance associated with this approved application must be restored in accordance with the approved Surface Use Plan prior to release of bonding.

If you should again desire to drill at this location, please submit a new Application for Permit to Drill.

Sincerely yours,

E. W. Guynn
District Engineer

cc: ✓ Division of Oil and Gas Cons.
(State of Utah)
Bureau of Land Management, Moab, UT.
Mr. W. Don Quigley