

UTAH DIVISION OF OIL AND GAS CONSERVATION

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

*Location Abandoned - Well Not Drilled*

DATE FILED 12-13-73

LAND: FEE & PATENTED \_\_\_\_\_ STATE LEASE NO. \_\_\_\_\_ PUBLIC LEASE NO. U-10849 \_\_\_\_\_ INDIAN \_\_\_\_\_

DRILLING APPROVED: 12-14-73

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

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

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

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

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

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

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

WELL ELEVATION: 7040' GR

DATE ABANDONED: LA 4-1-76

FIELD: Wildcat 3/86

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

COUNTY: Emery

WELL NO. GOVERNMENT #1

APT. NO: 43-015-30019

LOCATION 508' FT. FROM (N) (S) LINE, 1953'

FT. FROM (E) (W) LINE. SE SW SE 1/4-1/4 SEC. 25

15

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
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17 S	7 E	25	BASIC METALS INC,				
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FILE REQUIREMENTS

Entered in MID File .....  
Location Map Pinned .....  
Card Indexed .....

Checked by Chief  
Approval Letter  
Disapproval Letter ....

*P.W.A.*  
*12-14-73*

COMPLETION DATA:

Date Well Completed .....  
OW..... WW..... TA.....  
GW..... OS..... PA.....

Location Inspected ...  
Bond released  
State or Fee Land ....

LOGS FILED

Driller's Log.....  
Electric Logs (No.) .....  
E..... I..... GR-N..... Micro.....  
SNC Sonic CR..... Sonic.....  
CBLog..... CULog..... Others.....

*Map in the field map.  
Colonial Ford*

*Basic Metals  
262-5711*

*Will meet with Mr. Ransford  
today 12/20/73*

*P.W.A.*

Exclusive "Padded Shoulder" Feature

*Oxford*



*Location Abandoned 12-20-73  
P.W.A.*

*CDW 3-30-90*

LOUIS W. CRAMER  
*Geologist*  
514 ATLAS BUILDING  
SALT LAKE CITY, UTAH 84101

December 7, 1973

United States Dept. of Interior  
Conservation Division  
Room 8426, Federal Building  
Salt Lake City, UT  
Geological Survey

Attention: Mr. Jerry Daniels

RE: 12 point development plan for  
surface use.

1. Map enclosed - See Exhibit A & B.
2. Map enclosed - See Exhibit B. Will use existing access road to the Utah Southern dry hole; new access road with turn off northwesterly, about 120-50 feet south. It will then follow the flat southeast sloping ridge northwesterly, in as straight a line as possible. - Approximately 700 feet to the proposed location.
3. Map enclosed - See Exhibit C.
4. On enclosed Exhibit B.
5. On enclosed Exhibit C.
6. Water will be hauled from Orangeville from a private source.
7. Cuttings will be saved in the reserve pit, and garbage and waste will be buried in the pit. The reserve pit will be "folded in" and reshaped to surrounding terrain.
8. No camp will be established, only a small house trailer at the rig during drilling.
9. No nearby air strip will be used.
10. Enclosed map of rig layout - Exhibit C.
11. Restoration of land will be done as per agency requirements.
12. There will be only a minor impact on the environment. The location is on a flat southeast sloping ridge, with no major drainages in the immediate vicinity. The vegetation is sage brush, juniper, and some scrubby pinion pines.

Respectfully submitted,



Louis W. Cramer,  
Geologist

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  
 Basic Metals, Inc. -  
 Energy Resources Corp. c/o Ron Barker

3. ADDRESS OF OPERATOR  
 2870 South State Street

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
 508' NSL - 1953' WEL Sec. 25 - T17S-R7E  
 At proposed prod. zone  
 Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 7 miles northerly from Orangeville, Utah

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

16. NO. OF ACRES IN LEASE  
 1576.11

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 40

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

19. PROPOSED DEPTH  
 4200 ±

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 7040 Gr. from topog.

22. APPROX. DATE WORK WILL START\*

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#	300	100 sx.
7 7/8	5 1/2	20?	4200	50 sx.

5. LEASE DESIGNATION AND SERIAL NO.  
 U - 10849  
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 7. UNIT AGREEMENT NAME  
 Basic - Energy Resources  
 8. FARM OR LEASE NAME  
 Government  
 9. WELL NO.  
 Basic - Energy Resources Corp.  
 No. 1  
 10. FIELD AND POOL, OR WILDCAT  
 Wildcat  
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 SW-SE Sec. 25  
 T17S-R7E SLM  
 12. COUNTY OR PARISH  
 Emery  
 13. STATE  
 Utah

Utah Southern Oil Co. Government No. 1 Sec. 25 - 17S - 7E had a drill stem test in sandy zone of Tunnuk formation at 3975-4020, 3977-4022, tool open 5 hrs. - 20 min. IFP 215 - FFP 270, HP 1720, recovered 300' green oil, 41°.

8 5/8 surface casing is new 155 24#. The 5 1/2" will be run if after thorough testing the well appears to be a producer. Its specifications are not presently known.

An inventory of the rig is attached. Pressure data are on the following page as is the safety equipment.

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 Jesse Bontrager TITLE Director DATE December 4, 1973  
 (This space for Federal or State office use) Manager of Energy Resources

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

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

CONDITIONS OF APPROVAL, IF ANY:

Csg. Size wt. - grade	Setting Depth fr. ground lev.	Anticipated Form Pressure at next Csg. setting depth	Frac./Form Pressure at csg. Shoe	Max Possible Pressure at Shoe	Anticipated Hyd. Pressur at Shoe
Sur. hole	Sur. hole	90 psi	Sur. hole	_____	_____
8 5/8 155					
24# New	300'	1680 psi	290 psi	150	150
5 1/2	4200'	TD	4000	2016	2016

The following is the safety equipment:

1. Blowout preventor, (inventory list) PSI 1500 double ram
2. 4" pipe ram, 1 set blind rams
3. Float shoe for surface casing
4. Choke and kill lines, manifold will have to be rented, has head and reel.
5. Kelly corks
6. 10" - 900 series flange on 8 5/8 csg.
7. Stablizers, reamers, square D.C. , etc. will be rented if necessary.

As indicated by the Utah Southern Oil Co. dry hole, 800 feet to the southeast, no high pressure will be encountered.

The drilling fluid will be water and gel with required addtives. Weight will be 9.2 - 9.4#.

DREILING DRILLING INC.

608 PETROLEUM BUILDING

DENVER, COLORADO 80202

RIG INVENTORY

RIG #4

RIG Franks Trailer Mounted Comet Model 3500, Serial No. 1820, Powered by 6-110 GMC Diesel Engine, Torque Converter, Water Cooled Brake, 150,000#, 96 foot Telescoping Derrick, 7/8" Drilling Line, Foster Automatic Brake-out Cathead and American Automatic Make-up Cat Head.

SUB-STRUCTURE Franks 5' High, 150,000 capacity

BLOCKS Four Sheave Crown Block

SWIVEL National N-24

KELLY 4-1/2" Square with Baash Ross Rotary Bushing with Baash Ross Roller Kelly Drive Bushings.

PUMP 7-1/4" x 15" National C-250 Powered by Twin 671.

MUD TANKS 3' x 9' x 40' Steel Tank, 400 Barrel Capacity.

PREVENTER Double gate Hydraulic Shaffer 10" 900 Series *PSI 1500*

LIGHT PLANT 15 KW Diesel Caterpillar

TONGS 2 sets Type C, BJ Tong, 2-3/8" to 10-3/4".

WATER TANKS 150 Barrel

SHALE SHAKER Link Belt NRN Model 124 with Electric Motor.

DRILL PIPE 5600' 4" Drill Pipe

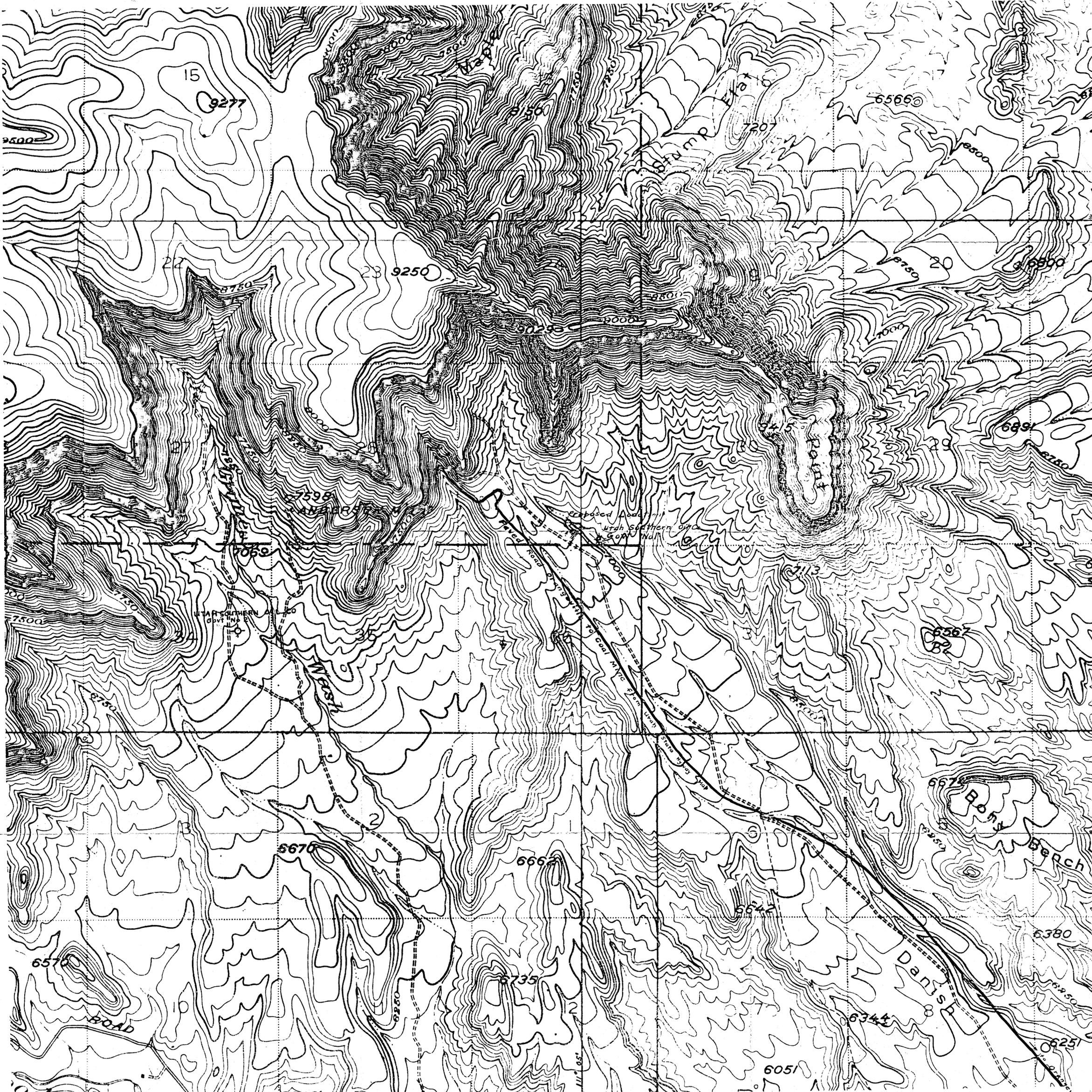
DRILL COLLARS 12--6"

BOILER 65 H.P.

ACCESSORY EQUIPMENT Catwalk and Pipe Gaskets. Line Scale Weight Indicator, 32' House Trailer, Type 'A' 4" Elevators, 2-1/2" x 50' Rotary Hose, 3" Centrifugal Wisconsin Air Cooled Engine, Drill Pipe Slips, 10-3/4" x 8-5/8" casing, 3" x 15' Vibrating Hose, Vapor Proof Lighting System and Complete set of Hand Tools and Fishing Equipment. Rig winterized with Canvas and Framework.

DESANDER Demco 5" x 6" Mission Pump powered by 353 GMC Diesel.

ACCUMULATOR Hydrill 40 gallon



TOPOGRAPHY AT PROPOSED WELL LOCATION  
 SW-SE SECTION 25 T 17 S-R 7 E S.L.M.  
 from U.S.G.S. Hiawatha Quadrangle Exhibit A  
 4" = 1 mile

R 7 E

R 8 E

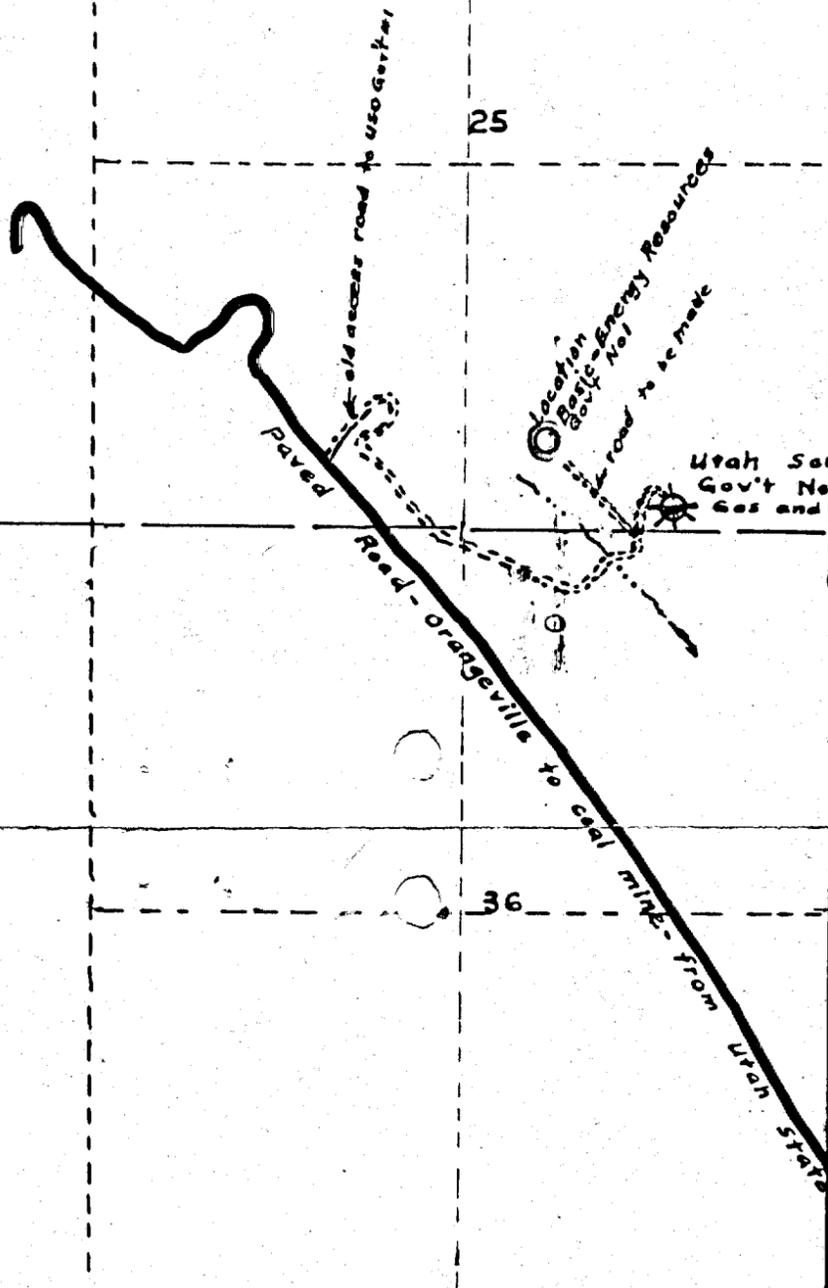
Manti-La Sal National Forest

26

25

30

29



T 17 S

35

36

31

32

2

1

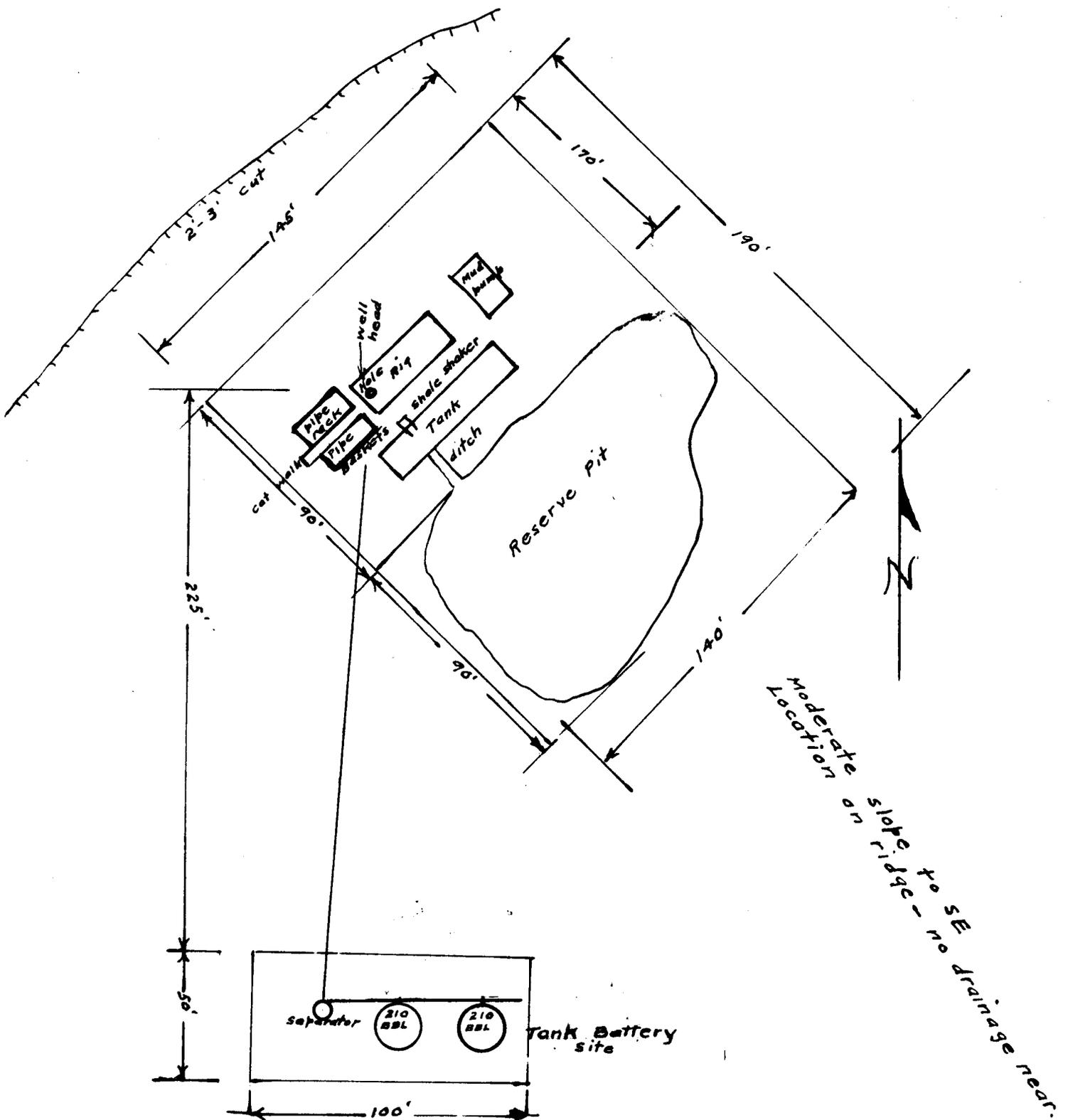
6

5

→ to orangeville mi.

Exhibit B

ACCESS ROAD  
 ENERGY RESOURCES CORP. GOVT. No 1  
 SW-SE SEC. 25 T 17 S R 7 E  
 EMERY COUNTY, UTAH  
 4" = 1 mile  
 Louis W. Cramer.



RIG PLAN  
1" = 50'

Lease No. U-10849  
 Basic - Energy Resources  
 Well No 1 SW-SE Sec. 25-17S-7E  
 EMERY CO. UTAH

L.W.C.

Exhibit 'C'

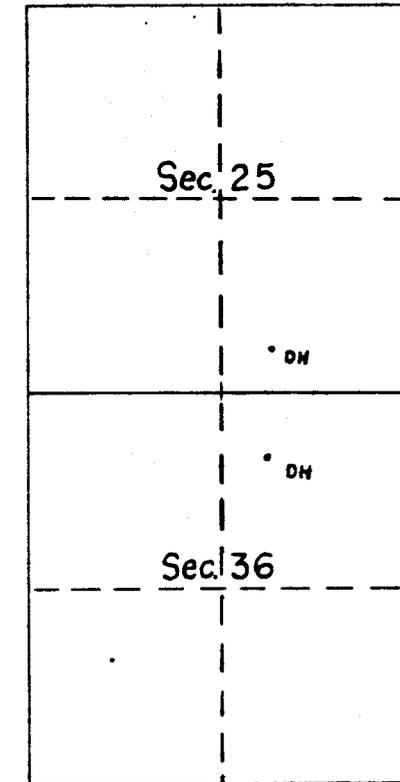
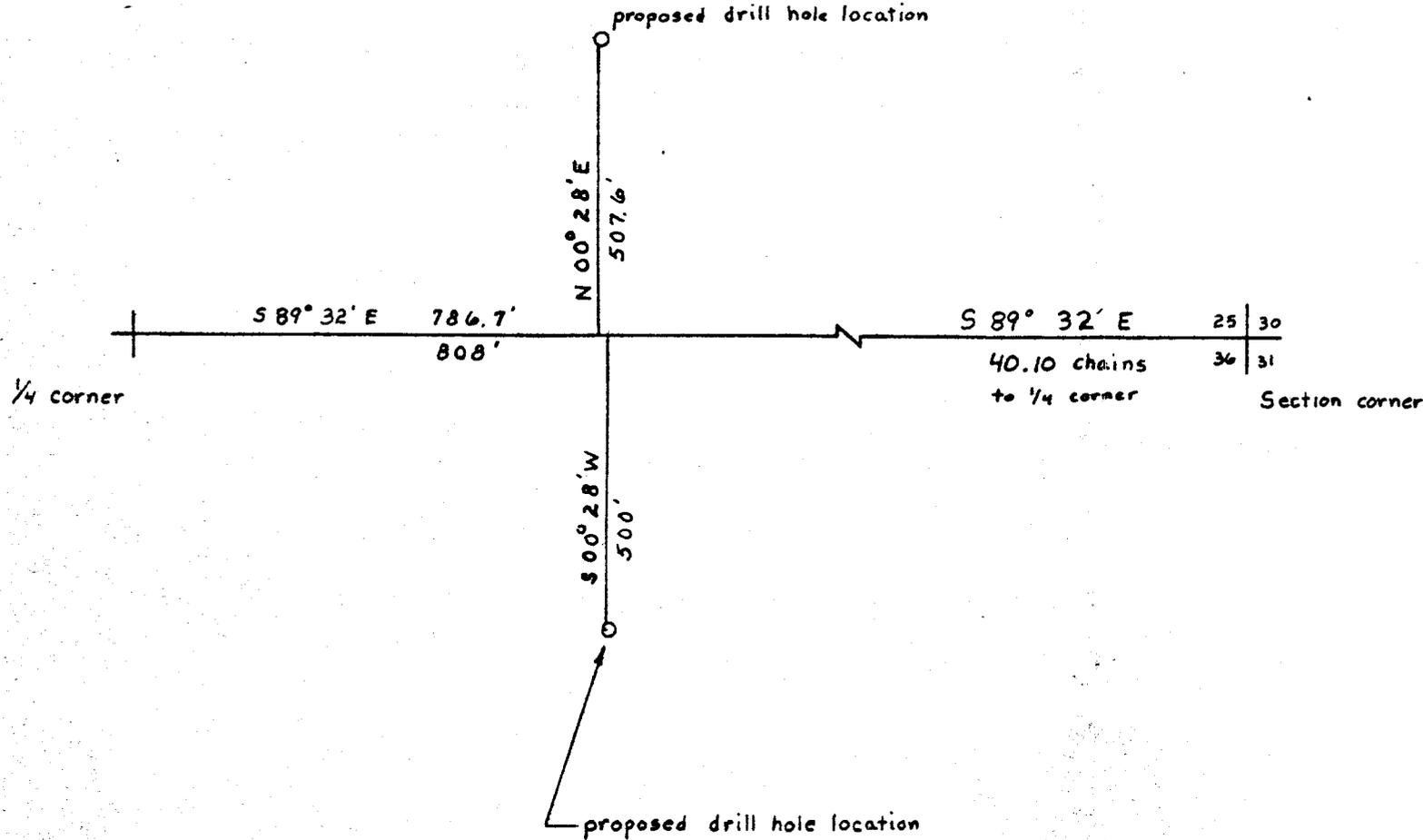
PROPERTY DESCRIPTION:

Beginning at the South 1/4 corner of Section 25, T17S, R7E, SLB1M.  
 Thence S 89° 32' E, 786.7'; Thence N 00° 28' E, 507.6' to proposed  
 drill hole location. Also Beginning at the North 1/4 corner of Section 36,  
 T17S, R7E, SLB1M. Thence S 89° 32' E, 808'. Thence S 00° 28' W,  
 500.0' to proposed drill hole location.

CERTIFICATE

I, Craig E. Johansen A LICENSED SURVEYOR, HOLDING UTAH CERTIFICATE NO. 3826, DO HEREBY CERTIFY THAT THE PLAT SHOWN HEREON HAS BEEN PREPARED FROM A FIELD SURVEY MADE UNDER MY DIRECTION AND CORRECTLY SHOWS THE DIMENSIONS AND MONUMENTS OF THE PROPERTY DESCRIBED TO THE BEST OF MY KNOWLEDGE AND BELIEF. FURTHERMORE, ENCROACHMENTS OF FENCES AND IMPROVEMENTS ARE SHOWN WITH THE FOLLOWING EXCEPTIONS:

NONE



KEY MAP  
 T17S R7E  
 SLB1M



SECTION	TOWNSHIP	RANGE	DATE	SCALE
25 & 36	17 S	7 E	11-21-73	1" = 300'
BLOCK	PLAT	SURVEY		

**CRAIG E. JOHANSEN**  
 REGISTERED LAND SURVEYOR  
 JOHANSEN & TUTTLE ENGR. INC. CASTLE DALE, UTAH

SURVEY FOR  
**Louis W. Cramer**  
 Salt Lake City, Utah

December 14, 1973

Basic Metals, Inc. &  
Energy Resources Corporation  
2870 South State  
Salt Lake City, Utah 84106

Re: Well No. Government #1  
Sec. 25, T. 17 S, R. 7 E,  
Emery County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the 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:

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.

The API number assigned to this well is 43-015-30019.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT  
DIRECTOR

CBF:sd  
cc: U.S. Geological Survey

$$\begin{array}{r}
 23.3 \\
 - 5.1 \\
 \hline
 18.2 \\
 .33 \\
 \hline
 546 \\
 546 \\
 \hline
 6006
 \end{array}$$

$$\begin{array}{r}
 18.2 \\
 6.0 \\
 \hline
 12.2
 \end{array}$$

Mr. Cramer

12/20/73

\* No problem: but - Forest Service  
 need last Friday - going on Christmas  
 Facator - want - write ecology  
 report in Feb. sometimes



Mr. Neibergall - In Fenon, Utah  
 (bad ass)

Will move out of Forest to  
 State Section 36 - send in NID,  
 and get Board to Land Board.

PMB

Cancel Application for Basic Metals Inc.  
 #1 April in sec. 25 - New well  
 in sec. 36 + 175 RTE - State #1

PE

Conservation Division  
8440 Federal Building  
Salt Lake City, Utah 84138

SLM

April 1, 1976

Basic Metals, Inc.  
Energy Resources Corporation  
c/o Rex Barker  
2870 South State Street  
Salt Lake City, Utah 84115

Re: Application for Permit to Drill  
Well No. 1 - Basic Energy Resources  
Corp. - Sec. 25, T-17S - R-7E, SLM  
Emery County, Utah  
Lease Utah 10849

43-015-30017  
L.A

Gentlemen:

More than six months have elapsed since receipt of the subject Application for Permit to Drill and we have received no response from you to our letter of March 28, 1974 requesting that you stop by this office to enclose certain documents. Inasmuch as the application has never been approved and we have no record of any activity at this location, we are, therefore, returning your application.

If you should wish to drill at this location, please resubmit the Application for Permit to Drill.

Sincerely yours,

(Orig. Sgd.) E. W. Guynn

E. W. Guynn  
District Engineer

Attachment:  
As indicated

cc: Utah State Div. 026 ✓  
Nanti-Legal National Forest  
0425, 1994, Casper  
USNS, Normal  
Well file

END:tw



Conservation Division  
8440 Federal Building  
Salt Lake City, Utah 84138

April 1, 1976

Basic Metals, Inc.  
Energy Resources Corporation  
c/o Ron Barker  
2870 South State Street  
Salt Lake City, Utah 84115

Re: Application for Permit to Drill  
Well No. 1 - Basic Energy Resources  
Corp. - Sec. 25, T-17S - R-7E, SLM  
Emery County, Utah  
Lease Utah 10849

Gentlemen:

More than six months have elapsed since receipt of the subject Application for Permit to Drill and we have received no response from you to our letter of March 28, 1974 requesting that you stop by this office to execute certain documents. Inasmuch as the application has never been approved and we have no record of any activity at this location, we are, therefore, returning your application.

If you should again desire to drill at this location, please resubmit the Application for Permit to Drill.

Sincerely yours,

(Orig. Sgd.) E. W. Gynn

E. W. Gynn  
District Engineer

Attachment:  
As indicated

cc: Utah State Div. O&G  
Manti-LaSal National Forest  
O&GS, M&MA, Casper  
USGS, Vernal  
Well file

ENG:tw

