

UTAH DIVISION OF OIL AND GAS CONSERVATION

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

*8-8-75 Approval To Drill Terminated*

DATE FILED 11-25-74

LAND: FEE & PATENTED \_\_\_\_\_ STATE LEASE NO. \_\_\_\_\_ PUBLIC LEASE NO. U-0149506 INDIAN \_\_\_\_\_

DRILLING APPROVED: 11-22-74

SUDDEN IN: \_\_\_\_\_

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

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

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

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

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

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

WELL ELEVATION: *4367' gr.*

DATE ABANDONED: *8-8-75 LA*

FIELD: *3/86 Undesignated*

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

COUNTY: Grand

WELL NO. FEDERAL SKYLINE #1 APT. NO: 43-019-30223

LOCATION 662' FT. FROM (N) ~~EX~~ LINE, 662' FT. FROM ~~EX~~ (W) LINE. C NW NW  $\frac{1}{4}$ - $\frac{1}{4}$  SEC. 21

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR:

23 S 17 E 21 VALWOOD PRODUCTION CO.

7777

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

Checked by Chief *PWB.*  
Approval Letter *11-25-74*  
Disapproval Letter .....

COMPLETION DATA:

Date Well Completed .....  
V..... NW..... TA.....  
W..... OS..... PA.....

Location Inspected  
Bond released  
State or Fee Land

LOGS FILED

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

*8-8-75 Approval To Drill Terminated*

*123-90*

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.  
**U-0149506**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
**Federal**

9. WELL NO.  
**X #1 Skyline**

10. FIELD AND POOL, OR WILDCAT  
**Salt Wash**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**NW.NW.Sec.21-23S-17E S.L.M.**

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

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  
**Valwood Production Company**

3. ADDRESS OF OPERATOR  
**708 East Manchester Blvd., Inglewood, Calif. 90301**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
**NW.NW.Sec.21,T.23 S.,R.17 E.,S.L.M. *orthodox***  
 At proposed prod. zone **662' from W-line & 662' from N-line**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**About 15 miles SE. of Green River, Utah**

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) **662'**

16. NO. OF ACRES IN LEASE  
**960**

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.  
**9000' ✓**

20. ROTARY OR CABLE TOOLS  
**Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**Grd.:4367'; K.B.:4380'**

22. APPROX. DATE WORK WILL START\*  
**Dec.1, 1974**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8" ✓	<del>X</del> 32.00#	300' ✓	100 sks ✓

It is planned to drill a well at the above location to test the oil production possibilities of the Leadville (Mississippian) formation. The well will be drilled with rotary tools using mud for circulation. The surface casing (\*8 5/8") will be set and cemented thoroughly with returns to the surface. A blowout preventer will be installed on top of the casing head and tested for leaks up to 2000#. Some anticipated formation tops are: Coconino at 2600', Oquirrh-Perm. at 3250', Hermosa at 4170', Paradox salt at 5400', Hermosa-Pinkerton Trail at 8250', Molas at 8450' and Leadville at 8500'. All hydrocarbon shows will be drill-stem-tested. In the event of production, 5 1/2" casing will be run and cemented up thru the salt section.

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 Gungley* TITLE **Consulting Geologist** DATE **Nov.19,1974**

(This space for Federal or State office use)

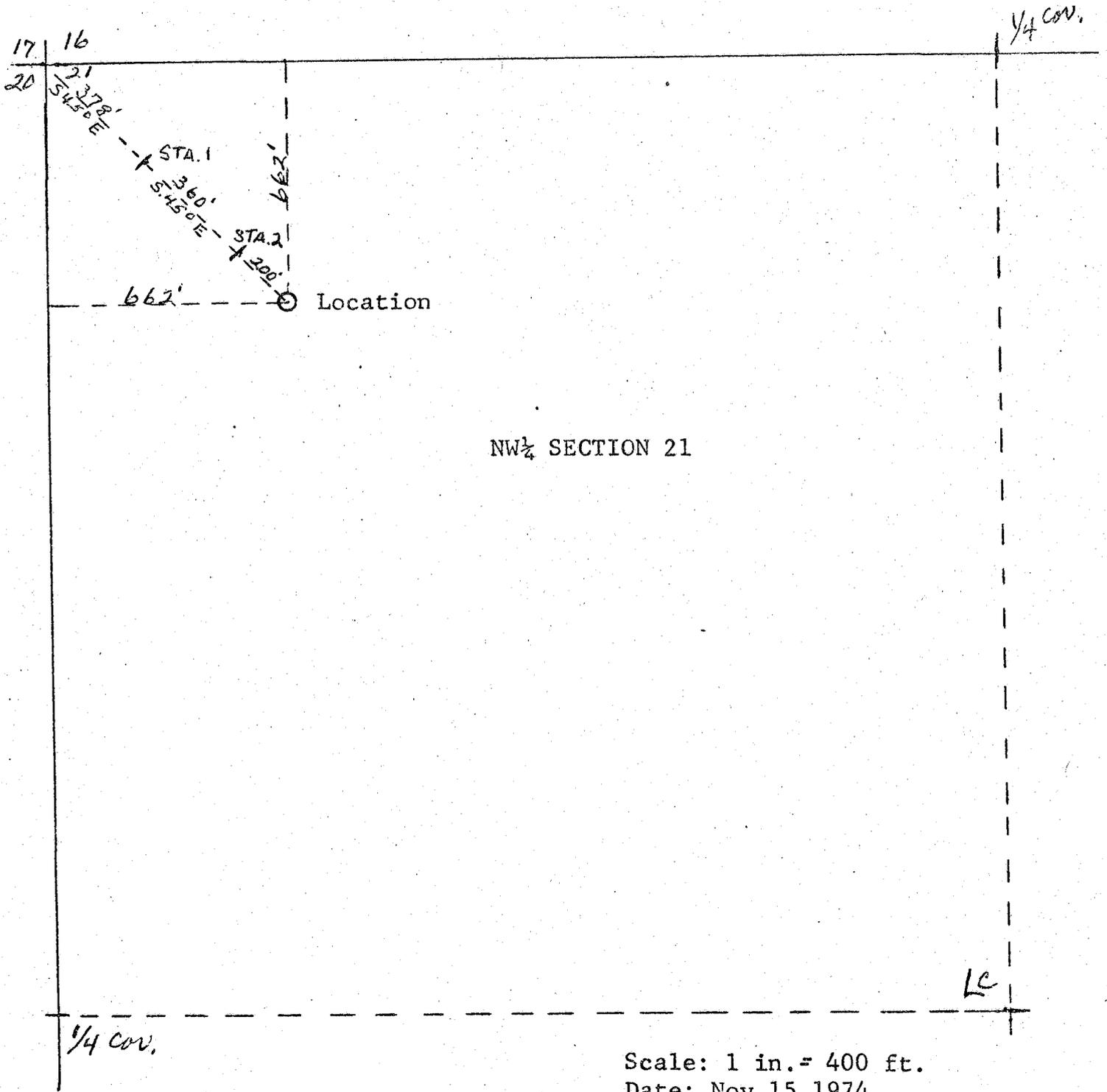
PERMIT NO. *43-019-30223* APPROVAL DATE \_\_\_\_\_

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

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

LOCATION PLAT FOR  
VALWOOD PRODUCTION COMPANY  
SALT WASH #1 SKYLINE  
NW. NW. SEC. 21-23S-17E  
GRAND COUNTY, UTAH  
Elev.: 4367' grd.



NW  $\frac{1}{4}$  SECTION 21

Scale: 1 in. = 400 ft.  
Date: Nov. 15, 1974  
Surveyed by: W. Don Quigley

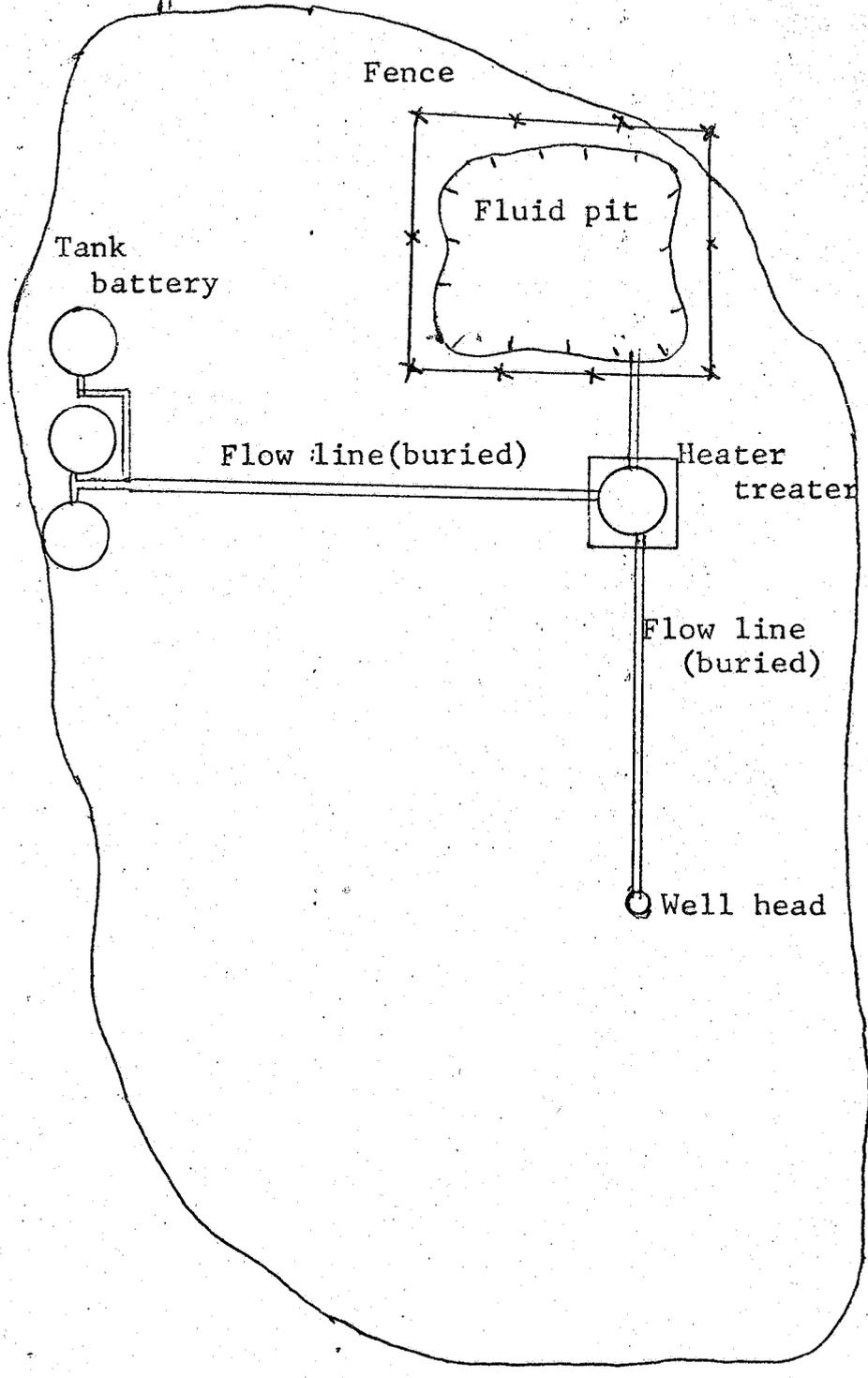
PLAT NO. 1

LOCATION PLANS FOR  
VALWOOD PRODUCTION COMPANY  
SALT WASH #1 SKYLINE  
NW.NW.SEC.21-23S-17E  
GRAND COUNTY, UTAH

1. A survey plat (Plat No.1) is attached showing the location of the proposed well site. Map No.1 shows the route from Hwy 50-6 to the well site from Floy junction.
2. Map No.1 shows the access road to the well site from present roads. The road will be along the base of a small ridge and across sand dunes over fairly flat land. No deep cuts or removal of rock will be required.
3. All present wells and dry holes in the Salt Wash Field are shown on Map No.1.
4. See 1 and 2 above.
5. A plan for the location of the production equipment at the well site, if the well is successful, is shown on Plat No.2. Since this well is an offset well to present production, it should be an oil well completed in the Mississippian formation, and should flow, thus eliminating the need for a pump jack. The flow lines, heater-treater, tank battery, and fluid pit will be installed as shown.
6. Water for drilling purposes will be obtained from the Green River and will be hauled to the well location by truck. This is a distance of about 3 miles.
7. A plan for the placement of the drilling equipment to be used in the drilling of the proposed well is shown on Plat No.3. This plat shows the reserve pit and waste or burn pit. Excess drilling mud and waste water will be deposited in the reserve pit during drilling operations. The waste and burnable material will be put in the burn pit. At the completion of the well these pits will be folded-in and levelled.
8. See location of house trailers on Plat No.3.
9. There are no airstrips in the vicinity of the well location and none will be needed for the work.
10. See Plat No.3 for the drilling equipment layout.
11. There is little topsoil on top of the rocks at the proposed well site. Mostly sand is present and the vegetation is sparse. Some sage brush covers the surface sparsely. After the well is completed the location will be cleaned and levelled; and the pits will be covered.
12. As can be seen from Map No.1, the well site area is fairly level and is near the edge of a cliff (about 80 ft. drop). Sediments belonging to the Entrada and Carmel formations are exposed around the cliff edges and on the hill tops. The flat surfaces are mostly sand and sand dunes. This is in a developed oil field and there are numerous roads and trails criss-crossing the area.

PLAN FOR PRODUCTION EQUIPMENT  
VALWOOD PRODUCTION COMPANY  
SALT WASH #1 SKYLINE  
NW. NW. SEC. 21-23S-17E  
GRAND COUNTY, UTAH

//  
//  
// Access road  
//  
//  
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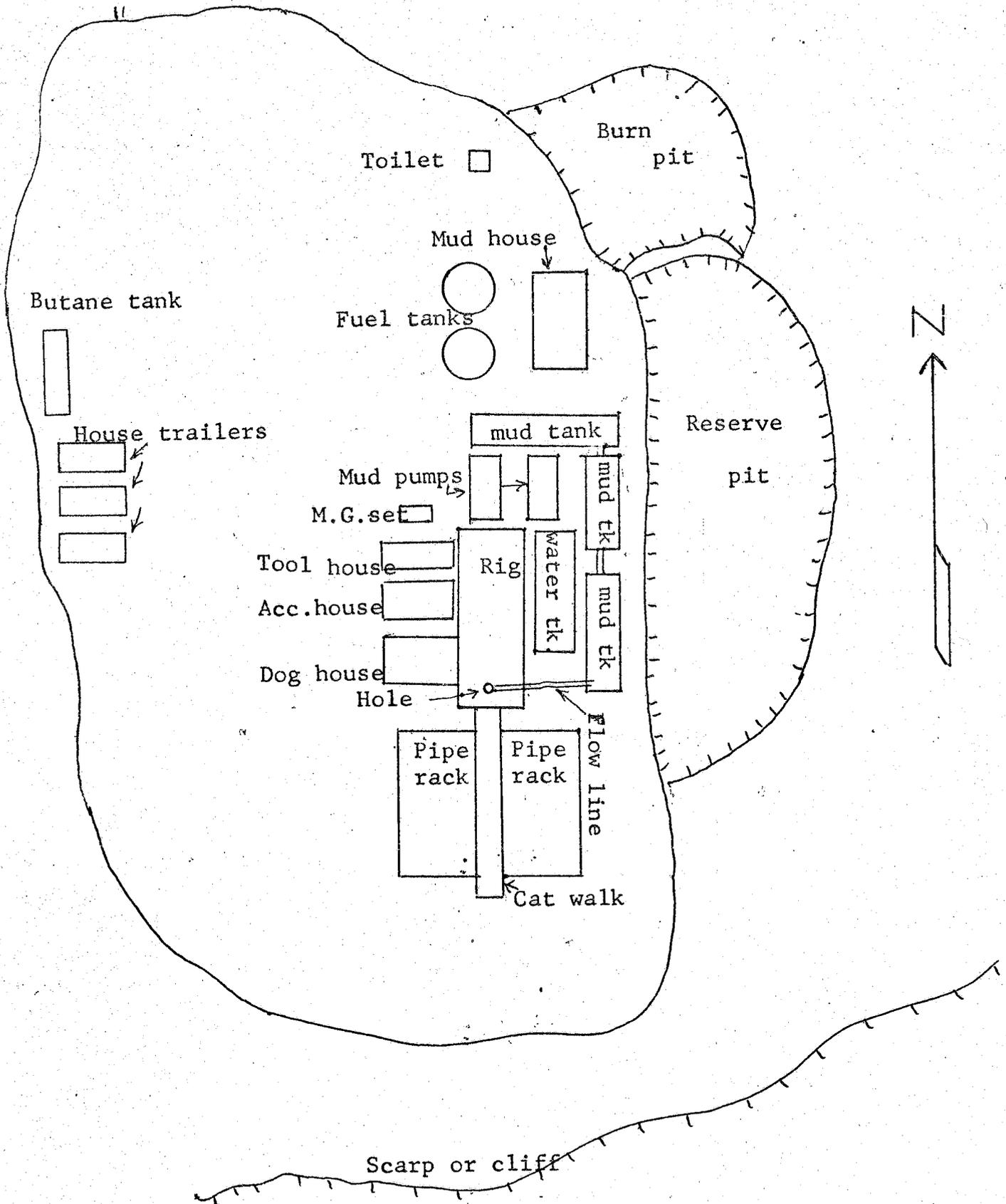


Scarp or cliff

Approx scale: 1 in. = 50 ft.

PLAN FOR DRILLING EQUIPMENT  
VALWOOD PRODUCTION COMPANY  
SALT WASH #1 SKYLINE  
NW.NW.SEC.21-23S-17E  
GRAND COUNTY, UTAH

// Access road



Approx. scale: 1 in. = 50 ft.  
PLAT NO.3

WELL CONTROL EQUIPMENT  
VALWOOD PRODUCTION COMPANY  
SALT WASH #1 SKYLINE  
NW.NW.SEC.21-23S-17E  
GRAND COUNTY, UTAH

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

1. Surface Casing:

- A. Hole size for the surface casing is 11".
- B. Setting depth for surface casing is approx. 300'.
- C. Casing spes. are: 8 5/8" O.D.; J-55; 32.00#; 8-rd. thread; new or used.
- D. Anticipated pressure at setting depth is approx. 100 lbs.
- E. Casing will be run and cemented with 100 sks of cement and with returns to the surface.
- F. Top of casing will be at ground level.

2. Casing Head:

Flange size: 16"; A.P.I. pressure rating: 3000#; Series 900; Cameron, O.C.T., or equivalent; new or used; equipped with two 2" ports with nipples and 2", 3000# W.P. valves. Casing head and valves will be set above ground.

3. Intermediate Casing:

None

4. Blowout preventers:

- A. Double rams; hydraulic; one set of blind rams for 4" drill pipe; 10" flange; 3000# W.P.; Series 900; equipped with mechanical wheels and rod for back-up; set on top of casing head and bolted down securely; pressure tested for leaks up to 2000#; Cameron, Shaffer, or equivalent.
- B. The fill and kill line are to be connected to the the 2" valves in the casing head and are to be heavy duty line pipe or tubing. The kill line will be connected to the mud pump and the flow line will be directed into the reserve pit.

5. Auxilliary Equipment;

A float valve (3000# W.P.) is to be used in the bottom drill collar at all times. A Kelly valve (At least 3000# W.P.) will be installed in the stand pipe and a valve with proper sub will be available for stabbing in the drill pipe or drill collars.

6. Anticipated pressures:

The shut-in pressure of the Mississippian formation at a depth of about 9000' has been recorded at about 4000#, in the Salt Wash Field. This will be the pressure that will be considered in the control program for the mud.

7. Drilling Fluids:

Normal mud will be used to drill the well down to the top of the salt section of the Paradox formation, which is expected at a depth of about 5400'. At a depth of about 5200', the fresh water mud will be converted to salt base mud to prevent wash-outs in the salt section. This will also give a mud weight of over 10#/gal. which will provide for a hydrostatic pressure of about 4600 lbs at 9000', which should be sufficient over balance to hold the pressure of the potential reservoir at this depth.

8. Production Casing:

- A. Hole size for production casing is 7 7/8".
- B. Approx. setting depth is 8750', which should be about 250 ft. into the Mississippian formation.
- C. Casing specs. are: 5 1/2" O.D.; N-80 for lower 2000'-17.00#; J-55 for upper X 6750'-15.50# or 17.00# which ever is available.
- D. Casing will be run and cemented with approx. 1700 sks in stages. The bottom of the casing, from 8750' to 8300', will be cemented first with about 80 sks; this will be allowed to set and then the rest of the cement will be used to cement the salt section. This will prevent undue hydrostatic pressures on the production zone. After the cement cures the casing will be set on slips in the casing head. Tubing, 2 1/2" I.D., will be run; plugs will be drilled out; tubing will be set in tubing head which is securely bolted to the casing head; and then the well will be perforated under a water cushion at the proper intervals.



November 22, 1974

Valwood Production Company  
708 East Manchester Avenue  
Inglewood, California 90301

Re: Well No. Federal Skyline #1  
Sec. 21, T. 23 S, R. 17 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 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 this matter will be greatly appreciated.

The API number assigned to this well is 43-019-30223.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT  
DIRECTOR

CBF:sw  
cc: U.S. Geological Survey

August 8, 1975

Valwood Production Company  
708 East Manchester Ave.  
Inglewood, California 90301

Re: Well No. Federal Skyline #1  
Sec. 21, T. 23 S, R, 17 E,  
Grand County, Utah

Gentlemen:'

Upon checking our records it is noted that there has been no attempt to spud the above well for a period of ten months. Therefore, the approval granted you on November 22, 1974, is hereby terminated.

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

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT  
DIRECTOR

CBF:sw

cc: U.S. Geological Survey

K

PI

Conservation Division  
8440 Federal Building  
Salt Lake City, Utah 84138

April 6, 1976

Valwood Production Company  
708 East Manchester Boulevard  
Inglewood, California 90301

Re: ✓ Application for Permit to Drill  
Well #1 - Skyline - Salt Wash  
Sec. 21 - T-23S - R-17E, SLM  
Grand County, Utah  
Lease Utah 0149506

Gentlemen:

More than six months have elapsed since receipt of the subject Application for Permit to Drill and there is no record of inquiry as to the status of this application. Since this was never 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. Guynn

E. W. Guynn  
District Engineer

Attachment:  
As indicated

bc: Utah State Div. O&G  
BLM, Moab  
O&GS, NRMA, Casper  
USGS, Vernal  
Well File

EWG:tw

