

UTAH OIL AND GAS CONSERVATION COMMISSION

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

*** Location Abandoned - Well never drilled - Jan 29, 1982**

DATE FILED **9-5-80**

LAND: FEE & PATENTED **X** STATE LEASE NO. _____ PUBLIC LEASE NO. _____ INDIAN _____

DRILLING APPROVED: **9-5-80**

SPUDDED IN: _____
 COMPLETED: _____ PUT TO PRODUCING: _____

INITIAL PRODUCTION: _____
 GRAVITY A.P.I. _____

GOR: _____
 PRODUCING ZONES: _____

TOTAL DEPTH: _____
 WELL ELEVATION: _____

DATE ABANDONED: **LA Jan 29, 1982**
 FIELD: **Wildcat 3/86 Bug Field**

UNIT: _____
 COUNTY: **San Juan**

WELL NO. **Bug #11** API No. **43-037-30599**

LOCATION **816'** FT. FROM (N) (S) LINE. **XX** **551'** FT. FROM (E) (W) LINE. **X** **NE NE** 1/4 - 1/4 SEC. **21**

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
36S	26E	21	WEXPRO COMPANY				

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT **D**PLICATE*
(Other instructions on reverse side)

5. Lease Designation and Serial No.
Fee

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

6. If Indian, Allottee or Tribe Name

1a. Type of Work

DRILL DEEPEN PLUG BACK

7. Unit Agreement Name

None

b. Type of Well

Oil Well Gas Well Other Single Zone Multiple Zone

8. Farm or Lease Name

Bug

2. Name of Operator

Wexpro Company

9. Well No.

11

3. Address of Operator

P.O. Box 1129, Rock Springs, Wyoming 82901

10. Field and Pool, or Wildcat

Wildcat

4. Location of Well (Report location clearly and in accordance with any State requirements.)*

At surface NE 1/4 NE 1/4 S.21, T.36S., R.26E., San Juan Co., Utah

11. Sec., T., R., M., or Blk. and Survey or Area

At proposed prod. zone 551' FEL, 816' FNL

S.21, T.36S., R.26E.

14. Distance in miles and direction from nearest town or post office*

14 miles NE to Dove Creek, Colorado

12. County or Parrish 13. State

San Juan Utah

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)

504'

16. No. of acres in lease

320

17. No. of acres assigned to this well

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease. (SW S.16, T.36S., R.26E.)

Bug 4, TD 6370' NE

19. Proposed depth

6350'

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

GR 6560'

22. Approx. date work will start*

Upon approval

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12-1/4"	9-5/8"	36#	1950'	900 sks. reg. "G" cement w/3% CaCl
8-3/4"	5-1/2"	17#	6350'	To be determined from caliper logs

Wexpro Company proposes to drill the subject well to a total depth of 6350'.



APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
DATE: 9/5/80
BY: [Signature]

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: DT. Mata FOR R.W. HEADS Title: Division Engineer Date: 9/2/80

(This space for Federal or State office use)

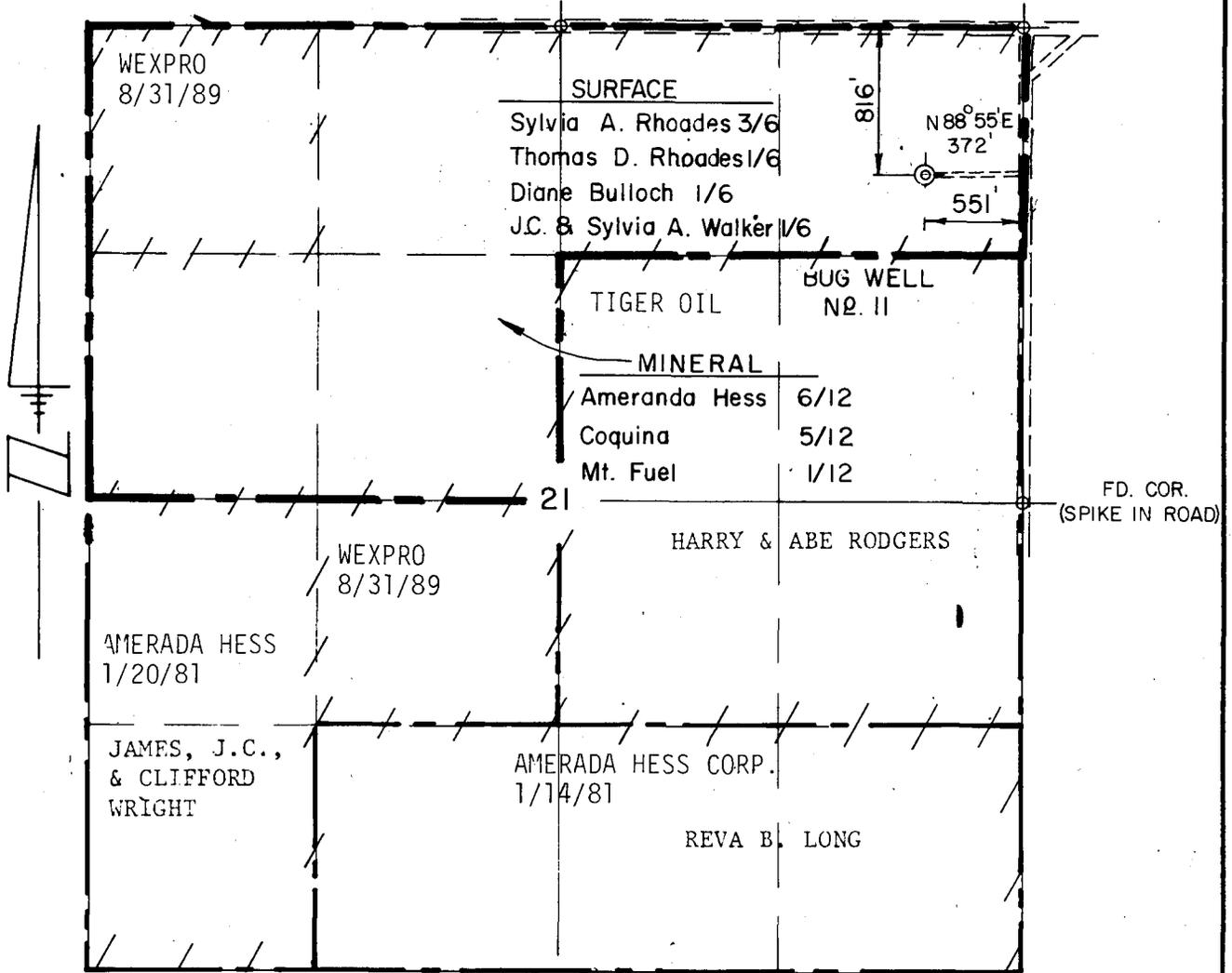
Permit No. 43-037-30599 Approval Date 9/5/80

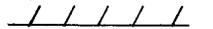
Approved by: _____ Title: _____ Date: _____
Conditions of approval, if any:

T. 36 S., R. 26 E., S.L.B. 8
San Juan County, Utah

FD. COR. (SPIKE IN ROAD)

FD. COR. (SPIKE IN ROAD)



Surface 
Mineral 

LOCATION PLAN
SCALE 1" = 1000

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.

LEGEND

-  Well
-  Stone Corner
-  Pipe Corner

Brent J. Bai
ENGINEER

BRENT J. BAI, UTAH Registration L.S. No. 5031

ENGINEERING RECORD		 WEXPRO COMPANY	
SURVEYED BY	B & G 8/11/80		
REFERENCES	G.L.O. PLAT <input type="checkbox"/> U.S.G.S. QUAD. MAP <input checked="" type="checkbox"/>	CERTIFIED WELL LOCATION AND WELL SITE PLAN BUG WELL NO. II	
LOCATION DATA			
FIELD	Bug		
LOCATION: NE 1/4 NE 1/4 Sec. 21, T.36 S., R. 26 E., S.L.B. & M. 816' FNL, 551' FEL			
San Juan County, Utah		DRAWN: B & G 8/18/80	SCALE: 1" = 1000
WELL ELEVATION: 6565 "as graded" by electronic vertical angles from Company Bench Mark.		CHECKED: <i>DTM</i>	DRWG. NO M-15495
APPROVED:		1/4	

WEXPRO COMPANY
 BUG WELL NO. 11
 LEASE NO.: FEE
 NE NW SECTION 21, T.36S., R.26E.
 San Juan County, Utah
 10-Point Plan

1. The surface formation is Morrison.
2. Estimated tops of important geological markers are:

Morrison	Surface
Entrada	1075'
Carmel	1215'
Navajo	1265'
Chinle	1925'
Shinarump	2660'
Cutler	2930'
Honaker Trail	4600'
Paradox	5310'
Upper Ismay	5780'
Lower Upper Ismay (Base 2nd Shale)	5960'
Lower Ismay Shale	6010'
Lower Ismay Porosity	6130'
"B" Zone	6150'
Desert Creek	6205'
Lower Bench	6250'
Desert Creek Porosity	6260'
Salt	6345'
Total Depth:	6350'

Objective Reservoir: Lower-Upper Ismay, 5960'
 Desert Creek Porosity, 6260'

Other Possible Producing Zones: Honaker Trail, 4600'; Lower Ismay
 Porosity, 6130'

3. Estimated depths of anticipated water, oil or gas or other mineral bearing formations expected to be encountered:

No water flows anticipated. Surface casing is designed to protect aquifer in the Navajo sandstone.

Oil or gas expected in Objective Reservoir -- Lower-Upper Ismay, 5960'; Desert Creek Porosity, 6260'. Also, the Honaker Trail, 4600'; and the Lower Ismay Porosity, 6130', may be productive.

No mineral bearing formations anticipated.

4. Casing Program:

<u>Proposed</u>	<u>Footage</u>	<u>Size</u>	<u>Grade</u>	<u>Weight</u>	<u>Condition</u>	<u>Thread</u>
Surface	1950'	9-5/8"	K-55	36#	NEW	8rd ST&C
Production	6350'	5-1/2"	K-55	17#	NEW	8rd LT&C

Cement Program:

Wexpro Company
Bug Well No. 11
Lease No.: Fee

NE NW Section 21, T.36S., R.26E.
San Juan County, Utah
10-Point Plan

Page Two

Surface: 900 sacks of Regular Type "G" cement plus 70% excess cement treated with 5% Dowell D-43A or 3% Calcium Chloride.

Production: Cement volumes and composition to be determined from caliper logs. Cement to be set 1000 feet above the uppermost productive zone. Cement casing with 50-50 Pozmix A cement.

5. Operator's minimum specifications for pressure control equipment requires a 10", 3000 psi annular preventer, and a 10", 3000 psi double gate blowout preventer from the surface to the total depth. See attached diagram. Blowout preventers will be tested by rig equipment after each string of casing is run. All ram-type preventers will have hand wheels installed and operative at the time the preventers are installed.
6. Fresh water with minimum properties from surface to total depth. Spud mud will be used for the surface hole. A mud de-sander will be used from under the surface casing to total depth to remove all undesirable solids from the mud system and to keep the mud weight to a minimum. The mud weight will be brought up to 11.7 ppg before drilling into the Desert Creek Zone at 6205'. Mud weight will start to increase at 6000'.

A fully manned logging unit will be used from 4400' to total depth. The contractor will catch 10' samples from surface to 4400'.

Sufficient mud materials to maintain mud requirements and to control minor lost circulation and blowout problems will be stored at the well site.

7. Auxiliary equipment will consist of:
 1. A manually operated kelly cock.
 2. No floats at bit.
 3. Mud will be monitored visually from 0' to total depth.
 4. Full opening Shafer floor valve manually operated.
8. Five drill stem tests:

(1 & 2) Honaker Trail	4600'
3) Lower Upper Ismay	5960'
4) Lower Ismay Porosity	6130'
5) Desert Creek Porosity	6260'

Cores: 60', Desert Creek Porosity, 6260'

- Mechanical Logs:
1. Dual Induction Lateralog from total depth to surface pipe.
 2. Compensated Neutron-Density Log with caliper and Gamma Ray from total depth to surface pipe. Run Gamma Ray and CNL to surface.
 3. Continuous Dipmeter from total depth to 4350' (minimum run). Run Gamma Ray correlation log with Dipmeter.

Wexpro Company
Bug Well No. 11
Lease No.: Fee
NE NW Section 21, T.36S., R.26E.
San Juan County, Utah
10-Point Plan

Page Three

During drill stem testing or when a completion rig is completing a well, some flaring of natural gases or produced gases will be necessary.

9. No abnormal temperatures or Hydrogen Sulfide is anticipated. No abnormal pressures anticipated except the Desert Creek Porosity at 6260'. The pressure will be controlled with a mud weight of 11.7 ppg before drilling into the Desert Creek Porosity Zone.
10. The anticipated spud date is upon approval from the State of Utah. Duration of drilling will be approximately 25 days with 2 days completion.

CHECKLIST 3000psi Equipment

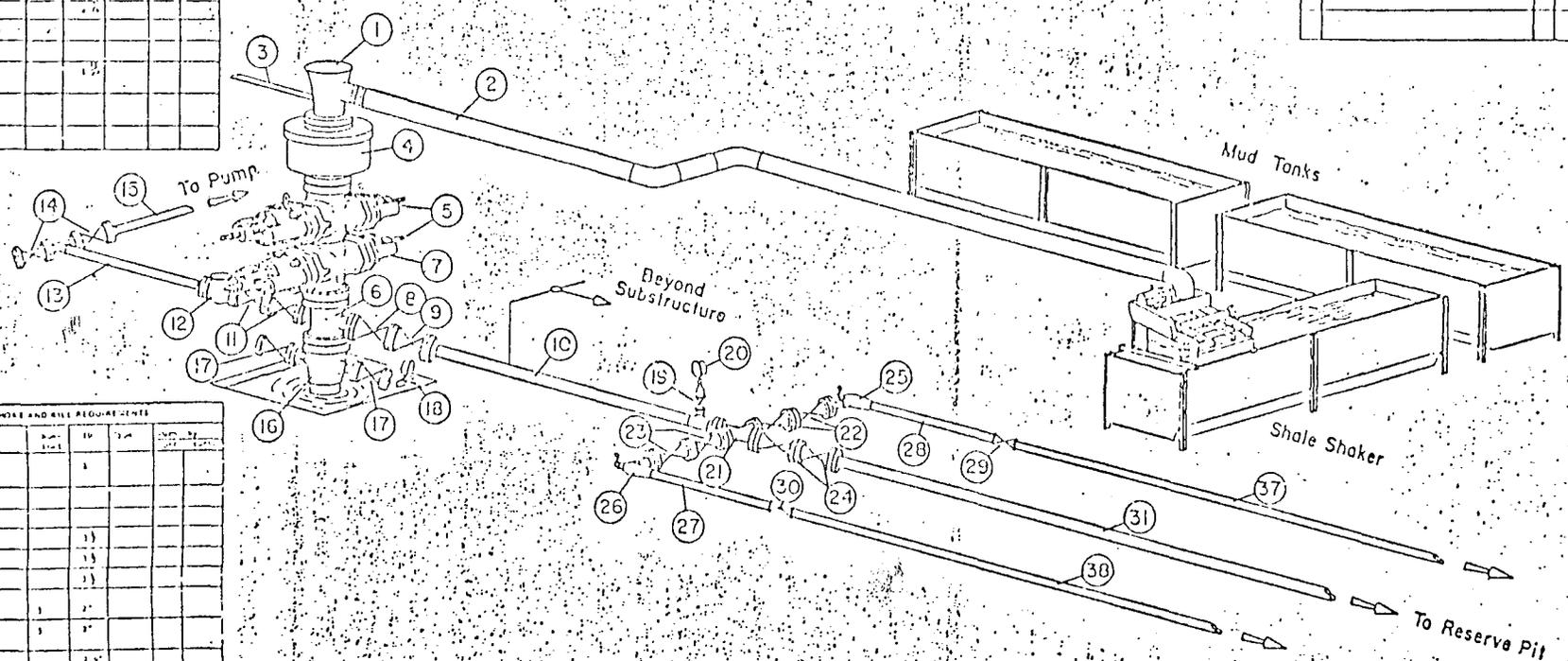
NO.	ITEM	QTY	SIZE	DATE	BY
1	Drilling Rigging				
2	Flowline				
3	Flowline				
4	Flowline				
5	Flowline				
6	Flowline				
7	Flowline				
8	Flowline				
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MOUNTAIN FUEL SUPPLY COMPANY

3000 psi BLOWOUT PREVENTION EQUIPMENT

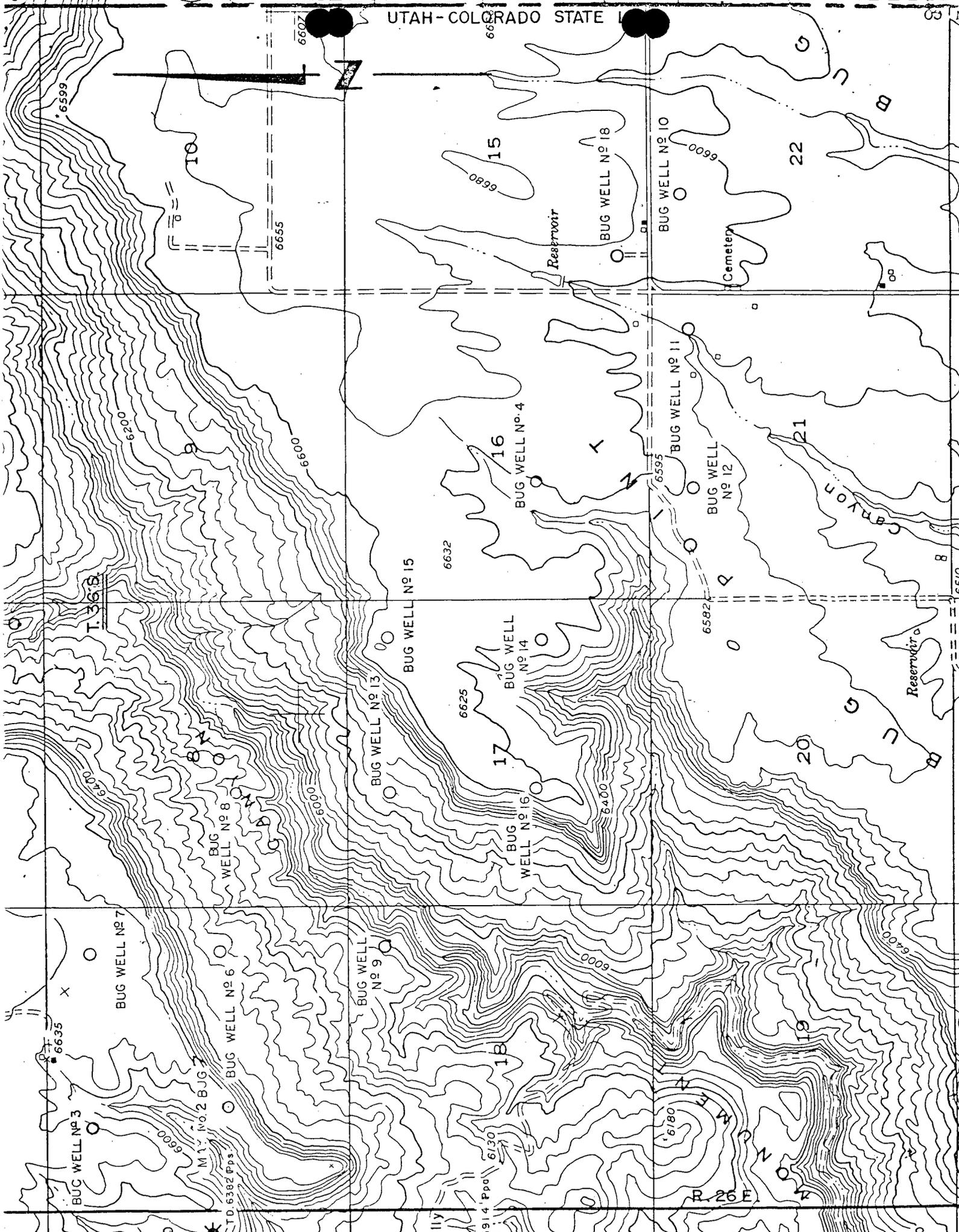
SPECIAL CHOICE AND BILL REQUIREMENTS

SPECIAL STACK REQUIREMENTS



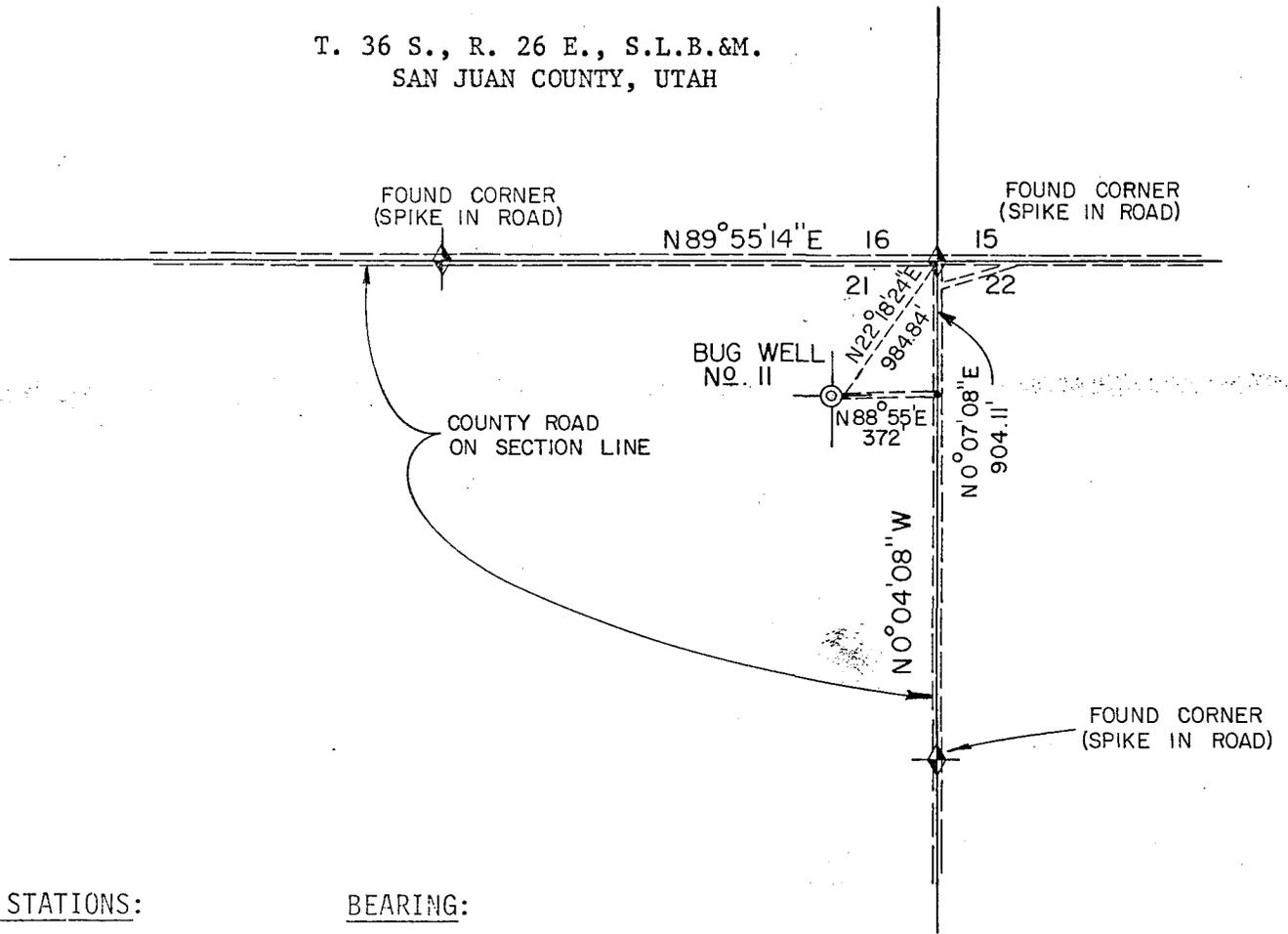
SPECIAL CHOICE AND BILL REQUIREMENTS

NO.	ITEM	QTY	SIZE	DATE	BY
19	Flowline				
20	Flowline				
21	Flowline				
22	Flowline				
23	Flowline				
24	Flowline				
25	Flowline				
26	Flowline				
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36	Flowline				
37	Flowline				
38	Flowline				
39	Flowline				
40	Flowline				



AREA MAP
 FOR
 BUG WELL LOCATIONS
 BUG WELL NO. 11

T. 36 S., R. 26 E., S.L.B.&M.
SAN JUAN COUNTY, UTAH



P.I. STATIONS:

- 1. 0 + 00
- 2. 3 + 72.00

BEARING:

N 88° 55' E

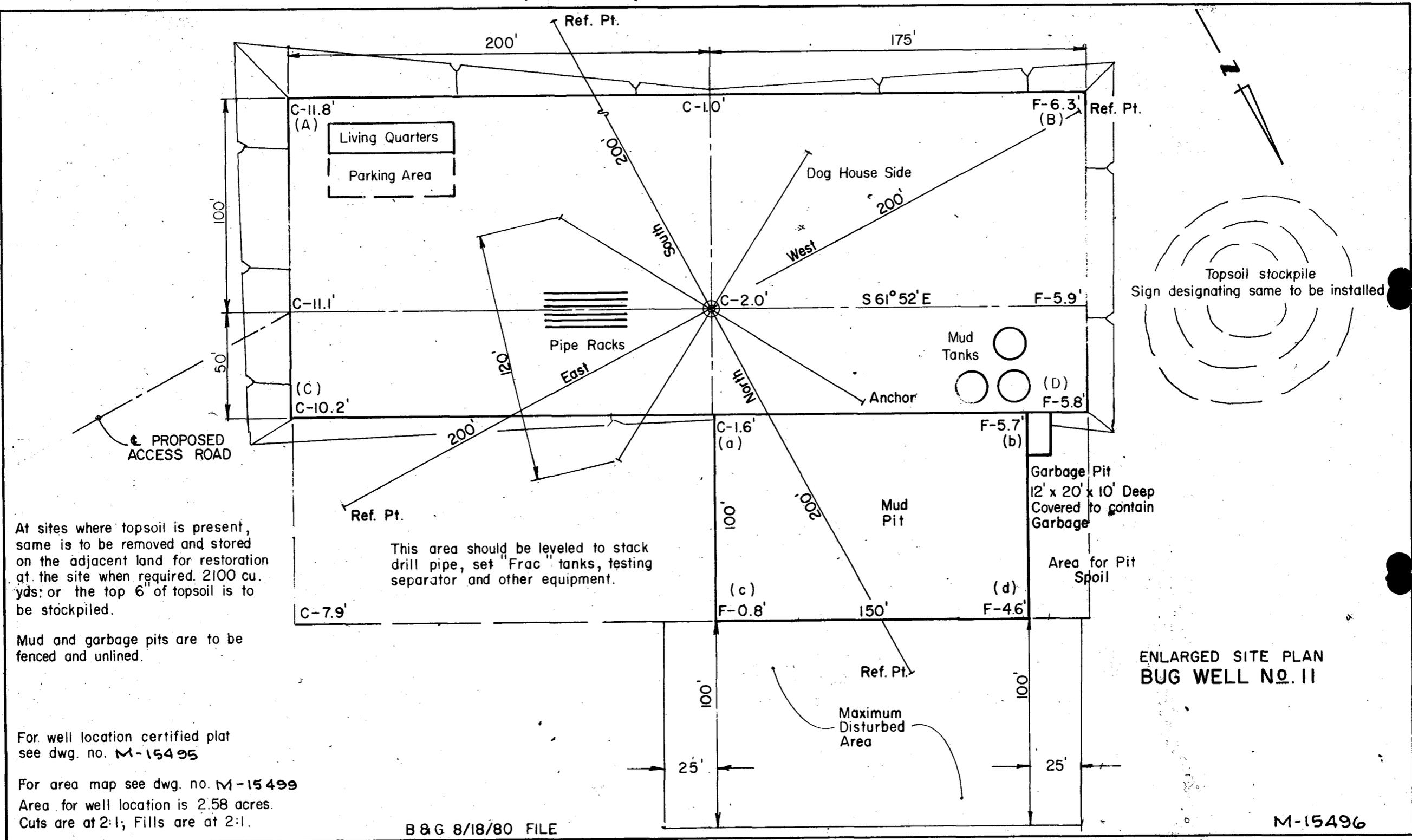
TABULATIONS

Sylvia A. Rhoades
Thomas D. Rhoades
Diane Bulloch
J. C. & Sylvia A. Walker

372.00 feet
22.55 rods
0.07 miles

PROPOSED ACCESS ROAD

BUG WELL NO. 11



At sites where topsoil is present, same is to be removed and stored on the adjacent land for restoration at the site when required. 2100 cu. yds. or the top 6" of topsoil is to be stockpiled.

Mud and garbage pits are to be fenced and unlined.

For well location certified plat see dwg. no. M-15495

For area map see dwg. no. M-15499

Area for well location is 2.58 acres.
Cuts are at 2:1; Fills are at 2:1.

This area should be leveled to stack drill pipe, set "Frac" tanks, testing separator and other equipment.

Topsoil stockpile
Sign designating same to be installed

**ENLARGED SITE PLAN
BUG WELL NO. 11**

** FILE NOTATIONS **

DATE: Sept 4, 1980

OPERATOR: Wingco Company

WELL NO: Bug # 11

Location: Sec. 21 T. 36S R. 26E County: San Juan

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-037-30599

CHECKED BY:

Petroleum Engineer: _____

Director: O.K. under rule C-3 also fits pattern provided for in Cause 186-1 did let 27, 1980 although sec 21 not included in order 186

Administrative Aide: _____

APPROVAL LETTER:

Bond Required: O.K.

Survey Plat Required:

Order No. ~~186-1~~ 2/27/80

O.K. Rule C-3

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site

1

Lease Designation See

Plotted on Map

Approval Letter Written WEN

Hot Line

P.I.

September 10, 1980

Wexpro Company
P.O. Box 1129
Rock Srping, Wyoming 82901

Re: Well No. Bug #11
Sec. 21, T. 36S, R. 26E.,
San Juan County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil 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:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

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 43-037-30599.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cleon B. Feight
Director

/btm
cc

June 18, 1981

Wexpro Company
P. O. Box 125
Rock Springs, Wyoming 82901

RE: See Attached Sheet

Gentlemen:

In ~~reference~~ to above mentioned wells, considerable time has gone by since approval ~~was~~ obtained from this office.

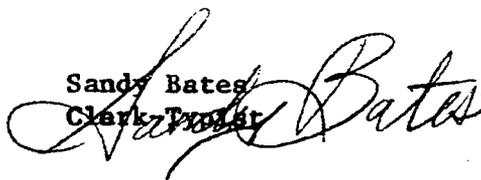
This ~~office~~ has not received any notification of spudding. If you do not intend to ~~drill~~ these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan on drilling ~~at~~ locations at a later date, please notify as such.

Your ~~prompt~~ attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Sandy Bates
Clerk, Treasurer



1. Well No. Patterson Unit #3
Sec. 32, T. 37S, R. 25E
San Juan County, Utah
2. Well No. Bug #5
Sec. 15, T. 36S, R. 26E
San Juan County, Utah
3. Well No. Bug #13
Sec. 17, T. 36S, R. 26E
San Juan County, Utah
4. Well No. Bug #11
Sec. 21, T. 36S, R. 26E.
San Juan County, Utah
5. Well No. Bug #9
Sec. 18, T. 36S, R. 26E
San Juan County, Utah



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 15, 1982

Wexpro Company
P. O. Box 1129
Rock Springs, Wyoming 82901

Re: See attached

Gentlemen:

In reference to the above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill these wells, and action will be taken to terminate the application. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

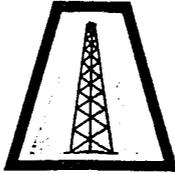
A handwritten signature in cursive script that reads "Cari Furse".

Cari Furse
Clerk Typist

Well No. Patterson Unit #3
Sec. 32, T. 37 S, R. 25E
San Juan County, Utah
SECOND NOTICE

Well No. Bug #11
Sec. 21, T. 36S, R. 26E
San Juan County, Utah
SECOND NOTICE

Well No. Bug #5
Sec. 15, T. 36S, R. 26E
San Juan County, Utah
SECOND NOTICE



WEXPRO COMPANY

625 CONNECTICUT AVENUE • P.O. BOX 1129 • ROCK SPRINGS, WYOMING 82901 • (307) 362-5611

January 26, 1982

LA

State of Utah
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

Gentlemen:

This is to notify you that Wexpro Company does not intend to drill the following wells for geologic reasons:

Patterson Unit #3, 32-37S-25E, San Juan County, Utah
Bug # 5, 15-36S-26E, San Juan County, Utah
Bug # 7, 7-36S-26E, San Juan County, Utah
Bug #11, 21-36S-26E, San Juan County, Utah
Bug #19, 21-36S-26E, San Juan County, Utah
Bug #21, 22-36S-26E, San Juan County, Utah

If a decision is made to drill at a later date, Wexpro will re-submit the applications to the Division.

Sincerely,

Jennifer Head
Coordinator Environmental Affairs

RECEIVED
FEB 01 1982
DIVISION OF
OIL, GAS & MINING