

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL & GAS

5. Lease Designation and Serial No.

ML-34436

6. If Indian, Allottee or Tribe Name

N/A

7. Unit Agreement Name

N/A

8. Farm or Lease Name

Lakeside A

9. Well No.

1

10. Field and Pool, or Wildcat

Wildcat

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

Section 1-T3N-R9W S.L.

12. County or Parrish 13. State

Box Elder, 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

Cities Service Company

3. Address of Operator

1600 Broadway, Suite 900, Denver, Colorado 80202

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

At surface

660' FNL, 660' FEL (NE-NE) Section 1

At proposed prod. zone

Same as above

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

See attached maps

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

660'

16. No. of acres in lease

2468.43

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.

None

19. Proposed depth

4000'

20. Rotary or cable tools

Rotary

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

4201' ungraded ground

22. Approx. date work will start\*

June 1, 1980

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
13-3/4"	9-5/8" OD	36 lbs	600' +	630 cubic feet
8-3/4"	5-1/2" OD	15.5 lbs	TD	*

- 1) Drill 13-3/4" hole to 600' + and set 9-5/8" OD casing.
- 2) Install and test BOPE. Plat 'A' attached.
- 3) Drill 8-3/4" hole to TD.
- 4) Three 30 foot cores and three DST's are planned in 8-3/4" hole.
- 5) Run E-Logs: Dual Induction, BHC Sonic w/GR, FDC-CNL w/GR, HDT, Temperature Survey, Velocity Survey.
- 6) Run 5-1/2" OD production casing to TD.

\* Volume to be calculated from caliper log to fill 500' above upper most zone of probable production.

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, any.

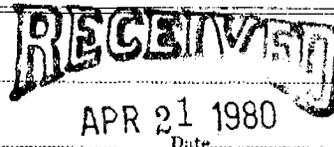
24. Signed: Richard O. King Title: Operations Manager Date: 4-17-80

(This space for Federal or State office use)

Permit No. \_\_\_\_\_ Approval Date \_\_\_\_\_

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:



DIVISION OF  
OIL, GAS & MINING



CITIES SERVICE COMPANY  
ENERGY RESOURCES GROUP

900 Colorado State Bank Building  
1600 Broadway  
Denver, Colorado 80202  
(303) 861-2464

April 17, 1980

**RECEIVED**  
APR 21 1980

State of Utah  
Division of Oil, Gas & Mining  
1588 West, North Temple  
Salt Lake City, Utah 84116

DIVISION OF  
OIL, GAS & MINING

ATTN: Bonnie Melendez

RE: Cities Service Company  
Lakeside A-1  
Section 1-T3N-R9W S.L.  
Box Elder County, Utah  
State of Utah ML-34436

Dear Madam:

Please find enclosed, for your approval, three (3) copies of the following materials for the above referenced well:

Application for Permit to Drill  
Plat 'A' BOPE Schematic  
Survey Plat  
Topo Maps 'A' and 'B'

Bond requirements for this lease and well will be fulfilled as soon as possible. Bond will be directed to State of Utah, Division of Lands.

If you have any questions please contact this office.

Sincerely,

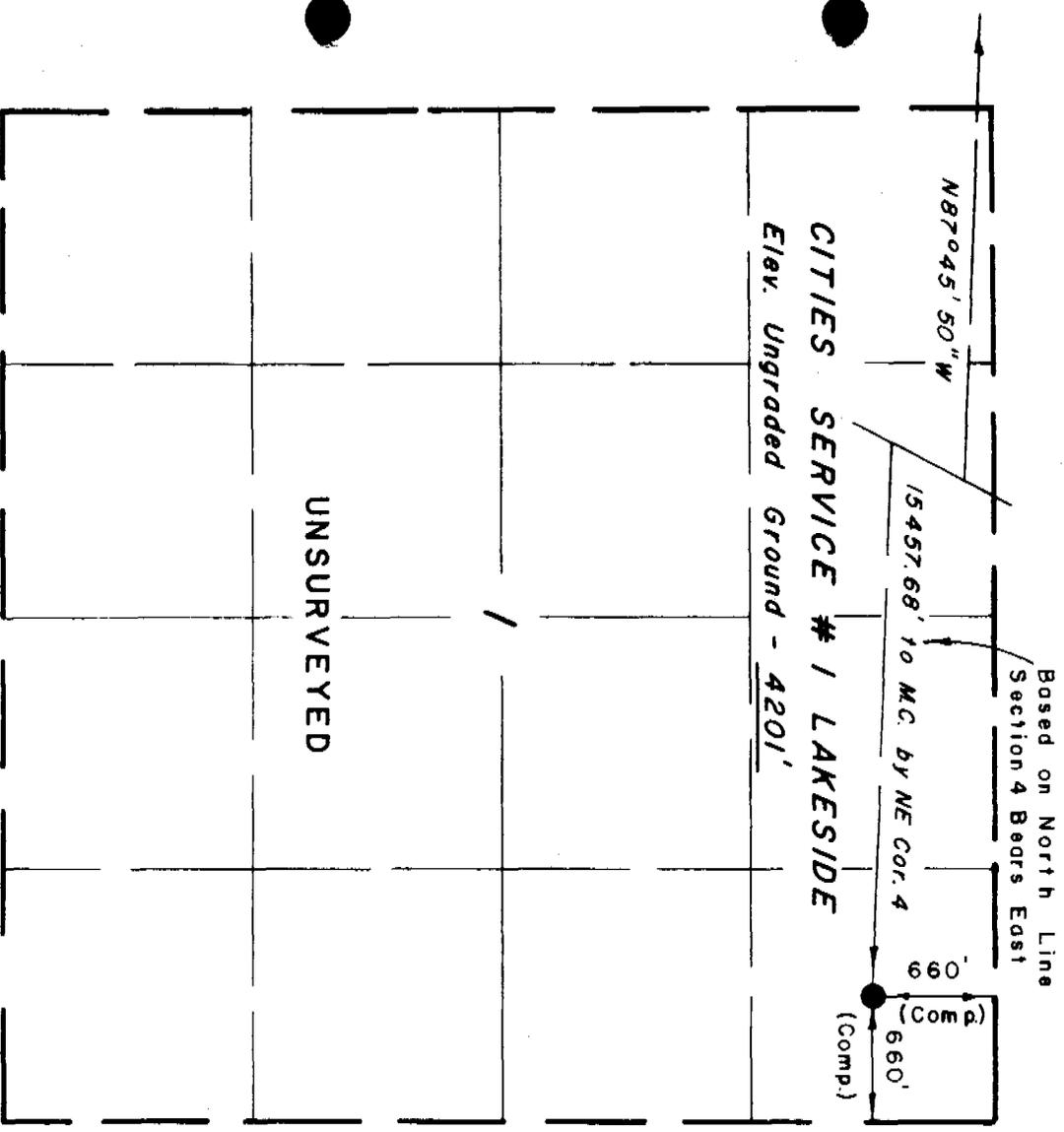
Richard O. Berg  
Operations Manager  
Western Region

ROB/RCM/rjm  
Enclosures

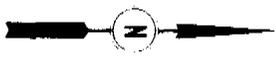
T 3 N, R 9 W, S. L. B. & M.

CITIES SERVICE COMPANY

Well location, CITIES SERVICE # 1 LAKESIDE, located as shown in the NE 1/4 NE 1/4 Section 1, T3 N, R9 W, S.L.B. & M. Box Elder County, Utah.



UNSURVEYED

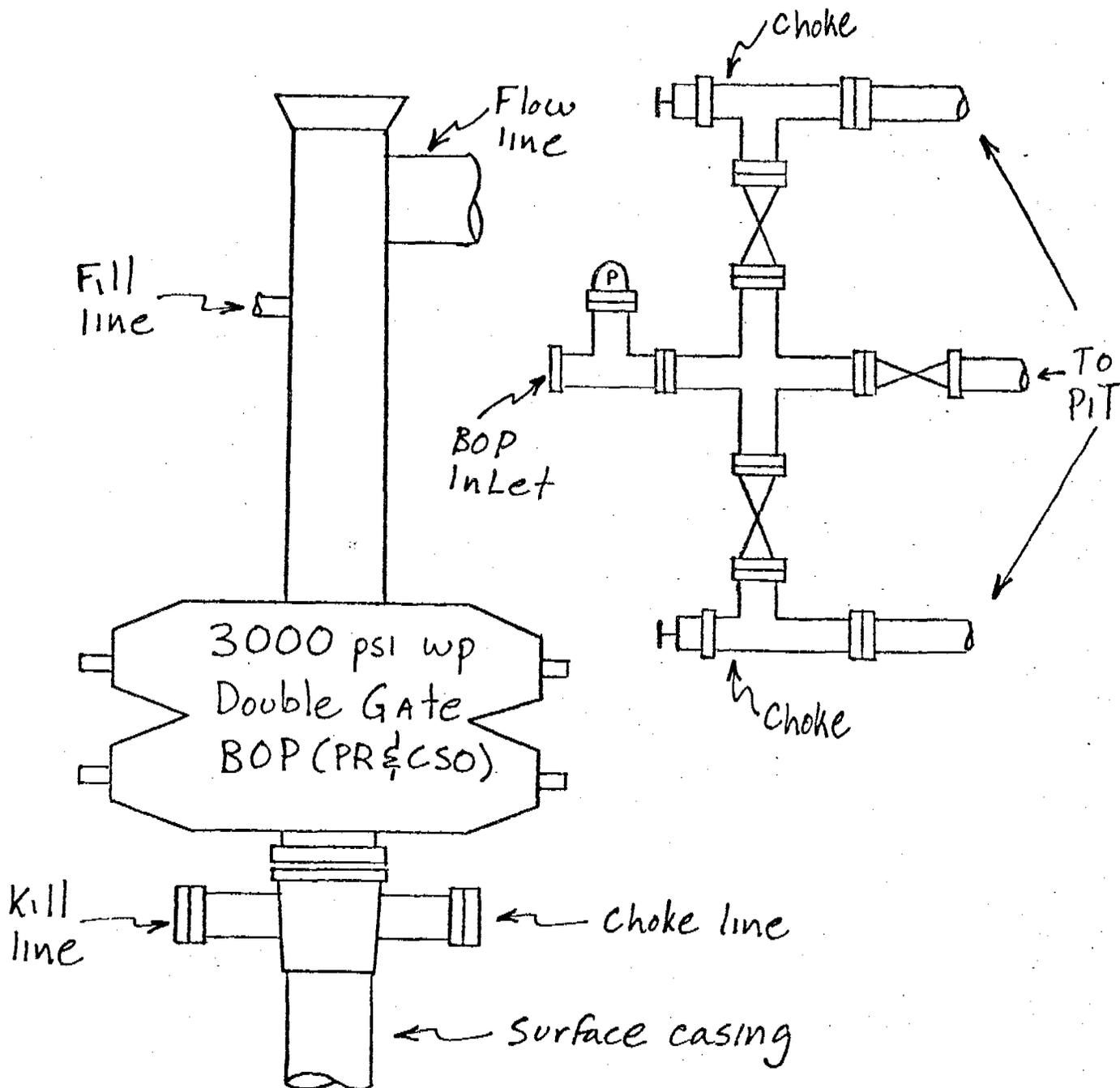


REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 3137  
 STATE OF UTAH

UNTAH ENGINEERING & LAND SURVEYING  
 P. O. BOX 9 - 110 EAST - FIRST SOUTH  
 VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	4 / 1 / 80
PARTY	R.K. D.B.	REFERENCES	GLO Plot
WEATHER	Fair	FILE	CITIES SERVICE

# PLAT "A" BOPE SCHEMATIC



Cities Service Co  
Lakeside A #1  
Section 1-T3N-R9W SL.  
Box Elder County, Utah

CITIES SERVICE COMPANY  
CITIES SERVICE \* LAKE SIDE

S A L T

4208 Salt

4200

PROPOSED LOCATION

TOPO. MAP "A"



SCALE - 1" = 4 MI.

E  
-6

L

END OVER BOMB

GUNNERY RANGE

PROPOSED LOCATION

BOX ELDER COUNTY  
TOOELE COUNTY

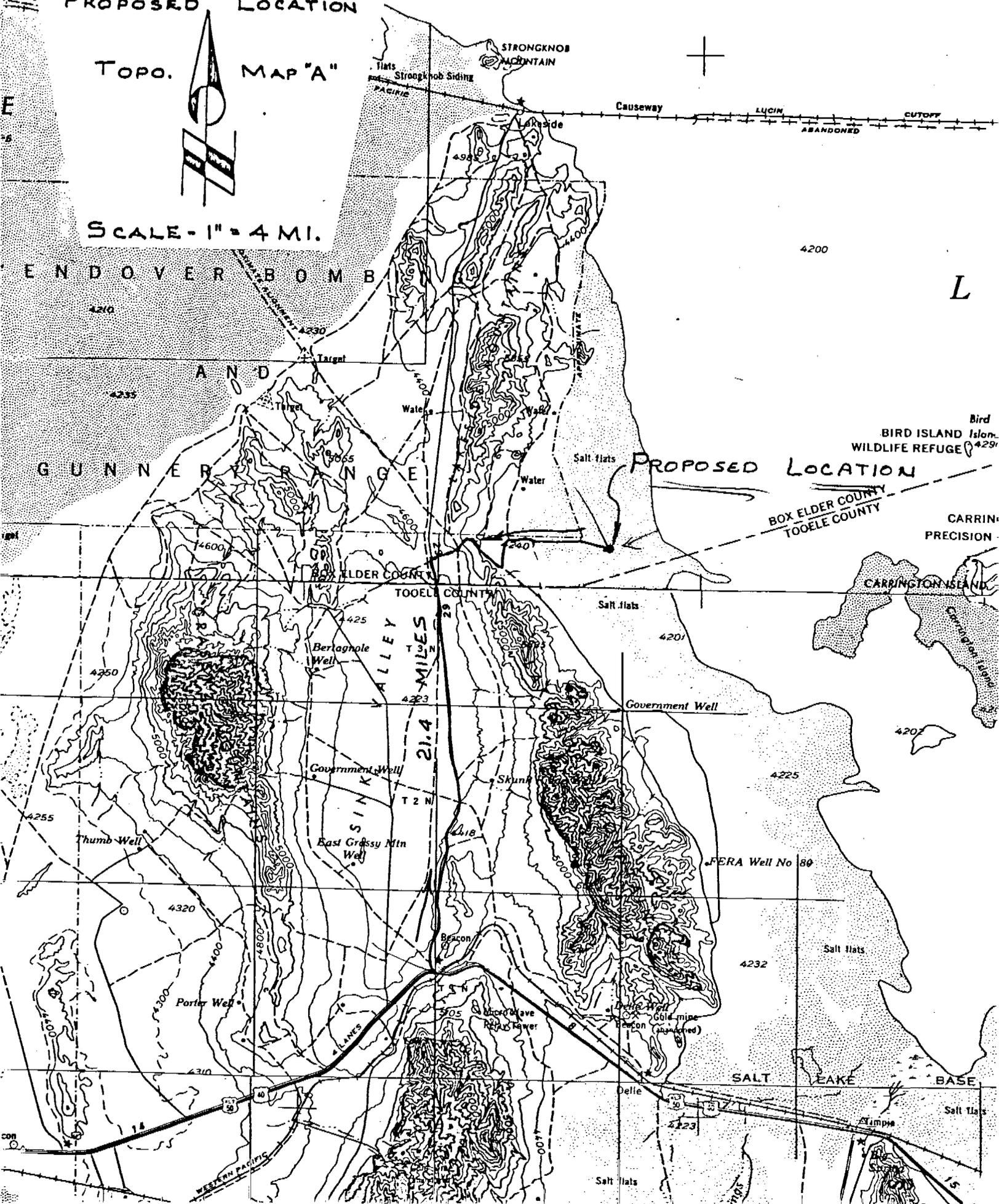
BIRD ISLAND  
WILDLIFE REFUGE

CARRINGTON ISLAND

VALLEY 21.4 MILES

SINK

SALT LAKE BASE



CITIES SERVICE #1 LAKESIDE  
PROPOSED LOCATION

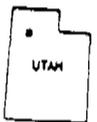
TOPO. MAP "B"



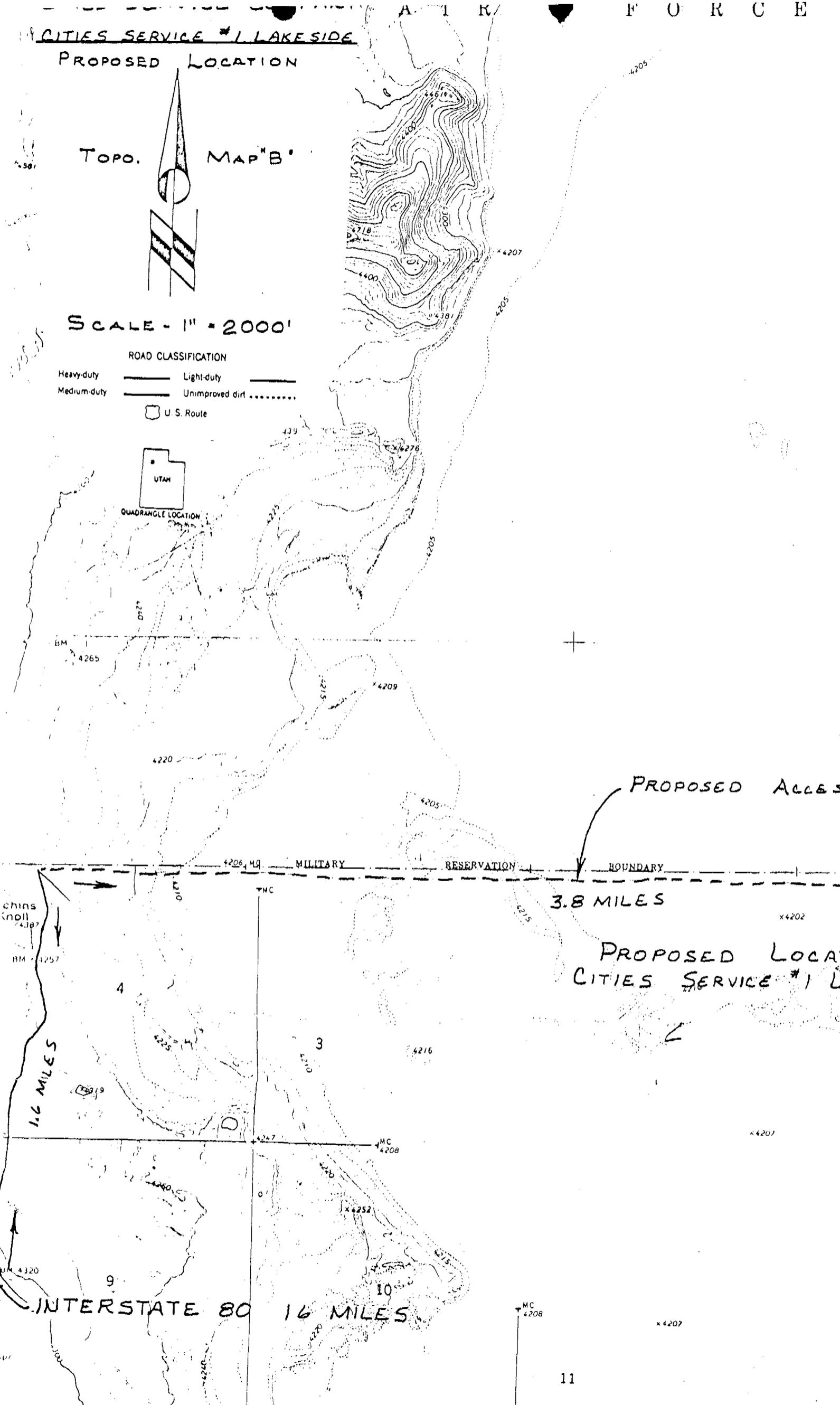
SCALE - 1" = 2000'

ROAD CLASSIFICATION

- Heavy-duty Light-duty
- Medium-duty Unimproved dirt
- U. S. Route



QUADRANGLE LOCATION



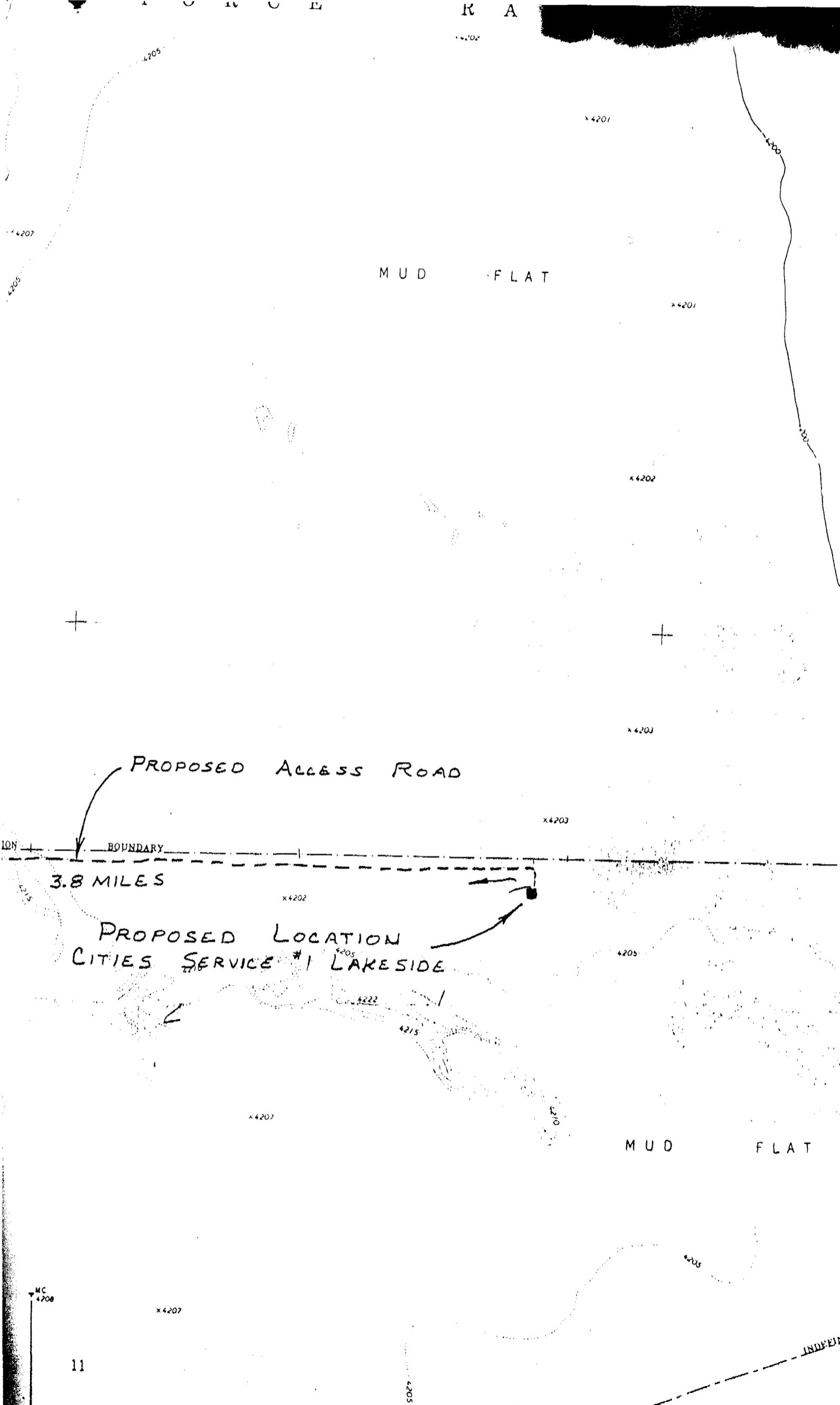
PROPOSED ALLEYS

3.8 MILES

PROPOSED LOCAL CITIES SERVICE #1 LAKESIDE

1.6 MILES

INTERSTATE 80 16 MILES



MUD FLAT

PROPOSED ACCESS ROAD

BOUNDARY

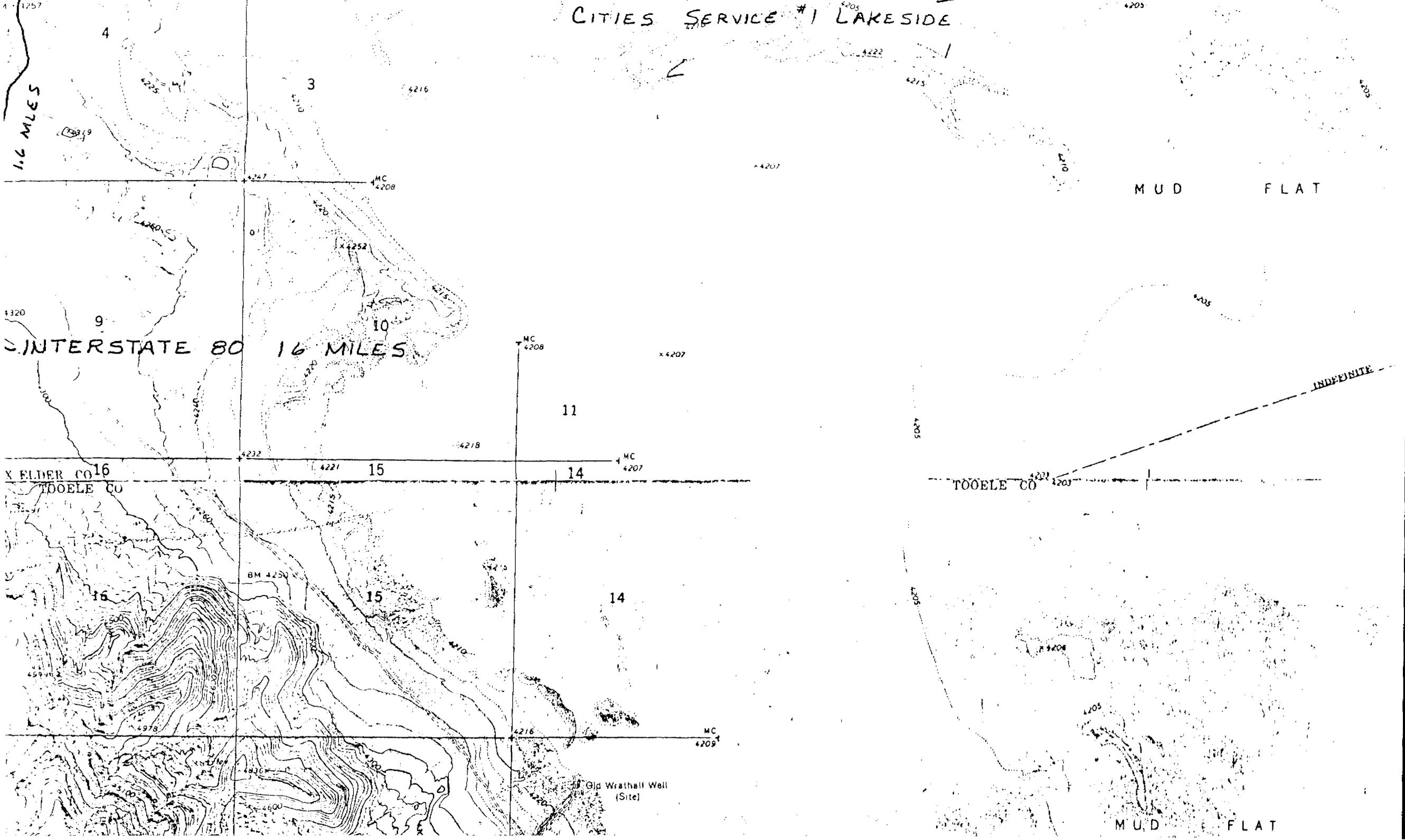
3.8 MILES

PROPOSED LOCATION  
CITIES SERVICE #1 LAKESIDE

MUD FLAT

MC  
4208

CITIES SERVICE #1 LAKESIDE



1.6 MILES

INTERSTATE 80 16 MILES

X ELDER CO 16 TOOELE CO

MUD FLAT

MUD FLAT

INDEFINITE

Gld Wrathell Well (Site)

April 28, 1980

Cities Service Company  
1600 Broadway, Suite 900  
Denver, Colorado 80202

Re: Well No. Lakeside #A-1  
Sec. 1, T. 2N, R. 9W.,  
Box Elder County, Utah

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

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 43-003-30013.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder  
Petroleum Engineer

/btm

cc: Donald Prince

October 29, 1980

Cities Services Company  
1600 Broadway, Suite 900  
Denver, Colo. 80202

RE: Well No. Lakeside #A-1  
Sec. 1, T. 2N, R. 9W,  
Box Elder County, Utah

Gentlemen:

In reference to above mentioned well(s), 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 this well (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 this well (these wells) and action will be taken to terminate the application.) If you plan on drilling 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

DEBBIE BEAUREGARD  
CLERK-TYPIST

\*\* FILE NOTATIONS \*\*

DATE: April 22, 1980

Operator: Cities Service Company

Well No: Lakeside A-1

Location: Sec. 1 T. 3N R. 9W County: Boyd Elder

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number 43-003-30013

CHECKED BY: \_\_\_\_\_

Geological Engineer: \_\_\_\_\_

Petroleum Engineer: M. J. Kinder 4-24-80

contingent on drilling & plugging bond being filed with St. Lande

Director: \_\_\_\_\_

APPROVAL LETTER:

Bond Required:  *being forwarded*

Survey Plat Required:

Order No. \_\_\_\_\_

O.K. Rule C-3

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

Lease Designation State

Plotted on Map

Approval Letter Written

*btm*

*#1 plus statement on bond*

*HL PI*



CITIES SERVICE COMPANY  
ENERGY RESOURCES GROUP

900 Colorado State Bank Building  
1600 Broadway  
Denver, Colorado 80202  
(303) 861-2464

November 6, 1980

RECEIVED

NOV 8 1980

DIVISION OF  
OIL, GAS & MINING

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

Re: Cities Service Company  
Lakeside A-1  
Section 1-T3N-R9W S.L.  
Box Elder County, Utah  
State of Utah ML-34436

Gentlemen:

In regard to your letter of October 29, 1980, please be advised that the dirt work necessary for building the above referenced location is presently taking place. Cities Service Company plans to spud this well between December 1-15, 1980.

If you have any questions concerning this information, please contact this office.

Sincerely,

Richard O. Berg  
Operations Manager  
Western Region

ROB/RJM/jca

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116

FEB 23 1981

\*REPORT OF WATER ENCOUNTERED DURING DRILLING\*

DIVISION OF  
OIL, GAS & MINING

Well Name & Number Lakeside A #1  
Operator Cities Service Company Address 1600 Broadway, Suite 900  
Denver, Colorado 80202  
Contractor CRC Colorado Well, Inc. Address P.O. Box 1006  
Rangely, Colorado 81648  
Location NE 1/4 NE 1/4 Sec. 1 T: 3N R. 9W County Box Elder

Water Sands

	<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
	From	To	Flow Rate or Head	Fresh or Salty
1.	1153'	1190'	N/A	Salty
2.	1630'	1870'	N/A	Salty
3.	2190'	2295'	N/A	Salty
4.				
5.				

(Continue of reverse side if necessary)

Formation Tops      Tertiary Sand      1155'  
Pre-Cambrian Quartzite      2570'

Remarks

The above referenced well was plugged and abandoned on January 23, 1981.

- NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
- (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

## CITIES SERVICE COMPANY

## Daily Well History - Initial Report

**INSTRUCTIONS:** Submit an Initial Report as soon as possible after spudding. Complete applicable data and begin in the appropriate space a daily chronological record of drilling activity. Daily work prior to spudding should be summarized giving inclusive dates only. Include in the initial summary the exact surface location of the drill site and if the well is directionally drilled, also report bottom hole location at projected TD. Description of work performed on the Initial Report after spud date should be a complete report of each days Drilling Activity. Significant workovers may also be recorded on an Initial Report.

LEASE / UNIT NAME & WELL NO. Lakeside #1		OPERATOR Cities Service		REGION Western	
COUNTY - PARISH - STATE - PROVINCE Boxelder Co., Utah			FIELD OR PROSPECT NAME Lakeside		SAFE NUMBER 9-4370032-6
PROJECTED TD & DEEPEST OBJECTIVE FORMATION 4000' Paleo			SEC. REC. PROJECT NO. --	PRODUCING COST CENTER IF ASSIGNED --	
SPUD DATE 1-7-81	ELEVATION KB GL		DEPTH OF WATER --	OFFSHORE GROUP --	API WELL NUMBER 43-003-30013
ORIGINAL 100% COST ESTIMATE	DRILLING CONTRACTOR CRC Colorado Well	DRLG. COST INTEREST IF DIFFERENT FROM GROSS WI			CO. GROSS WI 32.5%
				NET REV. INT 26.40625%	

SURFACE LOCATION

Service, Inc.

C NE Sec. 1-3N-9W

**RECEIVED**

FEB 19 1981

DIVISION OF  
OIL, GAS & MINING

DATE AND DEPTH	DESCRIPTION OF WORK PERFORMED
1-8-81	<p>1 day</p> <p>Present Depth: 500' Spudded 13-1/2" hole at 12:30 pm on 1/7/81</p> <p>Present Operation: Circulate to run casing</p> <p>Mud wt. 8.8, vis 36</p> <p>Survey 0 degrees at 220'</p> <p>PP 700 psi, 60 rpm, wt. on bit 5,000#</p> <p>Bit #1: STC SDJ (AS5867) 0/500/500/8 hours</p> <p>Pick up BHA 2 Thaw rig 4-1/2 Drilling 4</p> <p>Survey 1/2 Wash out conductor 2-1/2 Trip 4</p> <p>RR 2-1/2 Drilling 4</p>

INSTRUCTIONS: Interim Reports shall be completed and submitted with the Completion Report for the well. Interim Reports are required for all drilling wells and may also be used for recording daily work on significant workovers. The description of work performed on Interim Reports should be a complete report of each days Drilling Activity. Submit the Interim Report on all wells that have suspended drilling activity.

LEASE / UNIT NAME AND WELL NO.		REGION
COUNTY - PARISH - STATE - PROVINCE		WELL NUMBER
DATE AND DEPTH	DESCRIPTION OF WORK PERFORMED	
Lakeside #1	Western	
Boxelder Co., Utah	Lakeside	
	9-4370032-6	
1-9-81	<p>2 days  Present Depth: 500'  Present Operation: Waiting on casinghead  Mud wt. 8.8, vis 36  Ran 10 jts 9-5/8" 36# K.55, casing set at 449' and cemented w/400 sx Class "G" cement w/2% CaCl<sub>2</sub> and 1/4# flocele/sx.</p> <p>Good circulation thru out. No cement returns. Plug down 12:45 pm, January 8, 1981. Rig up and run 1" to 50'. Cement w/85 sx Class "G" w/2% CaCl<sub>2</sub>. Cement circulated to surface.  Trip 2-1/2 Wait on welder 7  Rig up and run 9-5/8" casing 2-1/2 Wait on wellhead 3  Cement 9-5/8" casing 1 WOC 4-1/2  Cement thru 1" pipe 1 WOC 2-1/2</p>	
1-10-81	<p>3 days  Present Depth: 458'  Present Operation: Drilling cement and shoe  Mud wt. 8.8, vis 32  PP 1300 psi, 90 rpm, wt. on bit 5,000#  Bit #2: 8-3/4" STC DTJ (AX5111) 458/458/0/0/Inc  Wait on casinghead 2  Rig up wellhead and install BOPE 11-3/4  Test blind rams to 1500 psi 1/2  TIH w/bit #2 3-3/4 Drilling cement 1-1/2  TOOH w/plugged bit 1-1/2 TIH w/bit 3/4  Drilling cement and float 2-1/4</p>	
1-11-81	<p>4 days  Present Depth: 1078' 620' 12-1/4 hours  Present Operation: Drilling  Mud wt. 8.9, vis 32  Survey: None  PP 1300 psi, 70 rpm, wt. on bit 5,000#  Bit #2: 8-3/4" STC DTJ 458/1078/620/12 1/4/Inc  RR 8-3/4 Test pipe rams to 1300 psi 1/4  Drilling cement and shoe 2-1/2  Drilling 12-1/4 RS 1/4</p>	

INSTRUCTIONS: Interim Reports shall be completed and submitted with the Completion Report for the well. Interim Reports are required for all drilling wells and may also be used for recording daily work on significant workovers. The description of work performed on Interim Reports should be a complete report of each days Drilling Activity. Submit the Interim Report on all wells that have suspended drilling activity.

LEASE / UNIT NAME AND WELL NO.		REGION
COUNTY - PARISH - STATE - PROVINCE		WELL NUMBER
Lakeside #1		Western
Boxelder Co., Utah		9-4370032-6
DATE AND DEPTH	DESCRIPTION OF WORK PERFORMED	
1-12-81	5 days Present Depth: 1530' 452' 14-1/2 hours Present Operation: Trip for bit Mud wt. 9.1, vis 34, w.l. 18, ck 3/32, pH 8.5, solids 3.6% Survey: Zero degrees at 1520' PP 1300 psi, 60 rpm, wt. on bit 4,000# Bit #2: 8-3/4" STC DTJ 458/1530/1072/32 Drilling 14-1/2 RR 2 Work tight hole 1 Circulate & condition mud 2 Survey 1/2 Trip 4	
1-13-81	6 days Present Depth: 1840' 310' 7 hours Present Operation: Drilling Mud wt. 9.0, vis 34, w.l. 14, ck 2/32, pH 8.0, solids 3% Survey: None PP 1300 psi, 100 rpm, wt. on bit 12,000# Bit #3: 8-3/4" STC F-2 (BJ2990) 1530/1840/310/7/Inc Drilling 7 Circulate and condition mud (Lost 200 bbls mud @ 1770') 4-1/2 Trip 5-1/4 RS 1/4 RR 6-1/4 Cut drilling line 1/2 Plugged bit 1/4	
1-14-81	7 days Present Depth: 2247' 407' 13 hours Present Operation: Drilling Mud wt. 8.9, vis 39, w.l. 18.8, ck 3/32, pH 9.5, solids 3.2% Survey: None PP 1300 psi, 65 rpm, wt. on bit 10,000# Bit #3: 8-3/4" STC F-2 1530/2247/717/20/Inc Drilling 13 RR 7-1/2 Circulate and condition mud 3-1/2	
1-15-81	8 days Present Depth: 2377' 130' 4-3/4 hours Present Operation: Reaming to bottom Mud wt. 8.8, vis 36, w.l. 19, ck 3/32, pH 8.5, solids 3% Survey: None PP 1100 psi, 70 rpm, wt. on bit 10,000# Bit #3: 8-3/4" STC F-2 1530/2357/827/24 1/2 Bit #4: 8-3/4" Sec S84F (963361) 2357/2377/20/1/2/Inc Drilling 4-3/4 Reaming 6 Trip 6-1/2 RR 6-3/4	

INSTRUCTIONS: Interim Reports shall be completed and submitted with the Completion Report for the well. Interim Reports are required for all drilling wells and may also be used for recording daily work on significant workovers. The description of work performed on Interim Reports should be a complete report of each days Drilling Activity. Submit the Interim Report on all wells that have suspended drilling activity.

LEASE / UNIT NAME AND WELL NO.		REGION
COUNTY - PARISH - STATE - PROVINCE		FIELD OR PROSPECT NAME
DATE AND DEPTH		DESCRIPTION OF WORK PERFORMED
Lakeside #1		Western
Boxelder Co., Utah		Lakeside
		AFE NUMBER 9-4370032-6
1-16-81	<p>9 days  Present Depth: 2540' (163'/12 3/4 hrs.)  Present Operation: Drilling  Mud wt. 9.0; Vis 37; W.L. 16.8; ck 3/32"; pH 9.0; Solids 4%  Survey: None  PP 800#, 80 rpm, wt. on bit 4000#  Bit #4: 8 3/4 Sec S84F 2377/2540/163/12 3/4 Inc  Drilling 8 hrs.  Reaming tight hole 10 1/2 hrs.  R.R. 3/4 hrs.</p>	
1-17-81	<p>10 days  Present Depth: 2655' 115' 12-1/2 hours  Present Operation: Waiting on fishing tools.  Mud wt. 9.2, vis 36, w.l. 22, ck 3/32, pH 8.5, solids 3%  Survey: None  PP 1100 psi, 70 rpm, wt. on bit 4,000#  Bit #4: 8-3/4" Sec S84F 2357/2655/298/25 1/2  Drilling 12-1/2 Wash &amp; ream 2-1/2  TOOH 7-3/4 Plugged bit 1/4  RR 1/4 Check for flow 1/2  RS and check BOP 1/4  Note: Left 3 cones, 3 shanks and bit jets in hole.</p>	
1-18-81	<p>11 days  Present Depth: 2655'  Present Operation: Reaming at 1850'  Mud wt. 9.0, vis 35, w.l. 26.4, ck 3/32, pH 8.0, solids 3%  Survey: None  PP 950 psi, 60 rpm, wt. on bit 7,000#  Bit #5: 8-3/4" HTC J-7 (EH236) 1670/Inc  Wait on fishing tools and clean mud pits 9-1/2  Pick up magnet and junk sub 1  TIH to 1670' 2-1/2 Work drill pipe &amp; circulate 1/2  TOOH w/magnet 2-3/4 Lay down magnet 1/2  Pick up bit, 6 point reamer and junk subs 1-1/4  TIH w/bit 2-3/4 Ream to 1850' 3-1/4</p>	

INSTRUCTIONS: Interim Reports shall be completed and submitted with the Completion Report for the well. Interim Reports are required for all drilling wells and may also be used for recording daily work on significant workovers. The description of work performed on Interim Reports should be a complete report of each days Drilling Activity. Submit the Interim Report on all wells that have suspended drilling activity.

LEASE / UNIT NAME AND WELL NO.		REGION
COUNTY - PARISH - STATE - PROVINCE		AFE NUMBER
Lakeside #1		Western
Boxelder Co., Utah		9-4370032-6
DATE AND DEPTH	DESCRIPTION OF WORK PERFORMED	
1-19-81	<p>12 days  Present Depth: 2655'  Present Operation: Reaming at 2500'  Mud wt. 9.3, vis 40, w.l. 15, ck 3/32, pH 8.5, solids 6%  Survey: 4-1/2 degrees at 2420'  PP 1200 psi, 50 rpm, wt. on bit 4,000#  Bit #5: 8-3/4" HTC J-7 1670/2467/797/14  Bit #6: 8-3/4" STC F-57 (BH5232) 2467/2500/33/4/Inc  Reaming w/bit #5 10-3/4 Survey 1/4  Trip 7-3/4 RS &amp; RR 1-1/4  Reaming w/bit #6 4</p>	
1-20-81	<p>13 days  Present Depth: 2655'  Present Operation: TOOH w/magnet  Mud wt. 9.4, vis 43, w.l. 14, ck 3/32, pH 9.5, solids 6%  Survey: 4-1/4 degrees at 2655'  PP 1200 psi, 50 rpm, wt. on bit 4,000#  Bit #6: 8-3/4" STC F-57 2467/2655/188/14-1/2  Reaming 2500-2655' 10-1/2 Trips 7-3/4  Survey 1/4 RS and check BOP's 1/4  RR 2-1/4 Fish w/magnet 1/2 TOOH w/magnet 2-1/2</p>	
1-21-81	<p>14 days  Present Depth: 2655'  Present Operation: Reaming to bottom  Mud wt. 9.2, vis 40, w.l. 17, ck 3/32, pH 9.5, solids 6%,  cl2 14,000  Bit #5: 8-3/4" HTC J-7  TOOH w/magnet 3 RS 1/2 TIH w/bit #5 2-1/2  Circulate 7-1/2 TOOH for logs 3  Rig up Schlumberger. Logs stopped at 2290' 4-1/2  TIH to ream 3</p>	
1-22-81	<p>15 days  Total Depth: 2655'  Present Operation: TIH w/drill pipe  Mud wt. 9.3, vis 36, w.l. 16, ck 3/32, pH 9.5, solids 6%  PP 1200 psi, 50 rpm, wt. on bit 5,000#  Bit #5: 8-3/4" HTC J-7  Ream to bottom and condition mud 8-1/4 TOOH 3-1/2  Logging 4-3/4 WOO 1-1/4  Lay down drill collars and prepare to plug well 6-1/4</p>	

INSTRUCTIONS: Submit a Completion Report as soon as possible after filing regulatory agency completion report or a well is P & A. When operations are resumed on wells reported as suspended or TA, a Completion Report must be submitted as if the well had not been suspended or TA. On workovers when a regulatory agency completion report is not required upon completion, report completion and representative test data in spaces provided. Description of work performed on workovers and the plugging of wells other than drilling wells may be summarized giving inclusive dates, on the Completion Report form in which case Initial and Interim Reports are not required. Give bottom hole location on all directionally drilled wells.

LEASE / UNIT NAME AND WELL NO. <b>Lakeside #1</b>		OPERATOR <b>Cities Service Company</b>		REGION <b>Western</b>
COUNTY-PARISH-STATE-PROVINCE <b>Boxelder Co., Utah</b>		FIELD OR PROSPECT NAME <b>Lakeside</b>	ESTIMATED 100% D & E COST AT COMP.	
CLASS OF WELL OIL <input type="checkbox"/> GAS <input type="checkbox"/> SERV <input type="checkbox"/>		DRLG. COST INTEREST IF DIFFERENT FROM GROSS WI		COMPANY GROSS WI <b>32.5%</b>
				NET REV. INT. <b>26.40625%</b>

FINAL BOTTOM HOLE LOCATION  
  
**C NE Sec. 1-T3N-R9W**

DATE AND DEPTH	DESCRIPTION OF WORK PERFORMED
1-23-81	16 days Total Depth: 2655' Present Operation: Rigging down rig TOOH and lay down drill pipe 8 Rig up Halliburton and plug well 4 Nipple down BOP's and clean mud tanks 9 Well plugged as follows: Plug #1: 1570'-1400' 175 sx Plug #2: 500'- 400' 60 sx Plug #3: 60'-surface 20 sx Released rig at 3:00 a.m., on 1/23/81. Well Plugged and Abandoned on 1/23/81. <u>LAST REPORT</u>

TD-MEASURED <b>2655'</b>	PBTD <b>Surface</b>	TVD <b>2655'</b>
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POTENTIAL TEST DATA		GAS PLANT CONNECTION									
DATE	RESERVOIR	PRODUCING INTERVAL	TBG PR	CSG PR	CHK. SIZE	BOPD	MCF/D	% WTR.	GOR	CORR. GR.	TEST TIME
		Plugged and Abandoned									

PRODUCTION ESTIMATE (COMPLETE EVEN IF WELL IS SHUT IN)					
RESERVOIR	BOPD	MCF/D	BWPD	DATE ON PRODUCTION ESTIMATED (OR ACTUAL)	DATE THE PERMANENT WELL HEAD WAS INSTALLED

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

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

P-2A

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> <b>Dry Hole</b>		5. LEASE DESIGNATION AND SERIAL NO. <b>ML-34436</b>
2. NAME OF OPERATOR <b>Cities Service Company</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>N/A</b>
3. ADDRESS OF OPERATOR <b>1600 Broadway, Suite 900, Denver, Colorado 80202</b>		7. UNIT AGREEMENT NAME <b>N/A</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <b>660' FNL and 660' FEL (NE NE)</b>		8. FARM OR LEASE NAME <b>Lakeside A</b>
14. PERMIT NO. <b>43-003-30013</b>	15. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>4201' GL</b>	9. WELL NO. <b>1</b>
		10. FIELD AND POOL, OR WILDCAT <b>Wildcat</b>
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Section 1-T3N-R9W</b>
		12. COUNTY OR PARISH <b>Box Elder</b>
		18. STATE <b>Utah</b>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Intent to set cement plugs as follows:

Plug #1:	1400	-	1570'	175	SX
Plug #2:	400	-	500'	60	SX
Plug #3:	0	-	60'	20	SX

Abandon hole after setting plugs.

APPROVED BY THE DIVISION  
OF OIL, GAS, AND MINING

DATE: 3/3/81  
BY: [Signature]

DIVISION OF  
OIL, GAS, AND MINING

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Engineer DATE 1/26/81

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:



CITIES SERVICE COMPANY  
ENERGY RESOURCES GROUP

900 Colorado State Bank Building  
1600 Broadway  
Denver, Colorado 80202  
(303) 861-2464

January 26, 1981

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

ATTN: Ms. Bonnie Melendez

RE: Cities Service Company  
Lakeside A #1  
Section 1-T3N-R9W S.L.  
Box Elder County, Utah

Dear Ms. Melendez:

Please find enclosed three (3) copies of Form OGC-1b, "Sundry Notices and Reports on Wells", for "Notice of Intention to Abandon" the above captioned well and three (3) additional copies of "Subsequent Report of Abandonment".

If you need any additional information, please contact this office.

Sincerely,

W.J. Gooden  
Engineer  
Western Region

WJG/nrm  
Enclosures



RECEIVED  
DIVISION OF OIL, GAS AND MINING



CITIES SERVICE COMPANY  
ENERGY RESOURCES GROUP

900 Colorado State Bank Building  
1600 Broadway  
Denver, Colorado 80202  
(303) 861-2464

February 12, 1981

State of Utah  
Division of Oil and Gas Conservation  
1588 West North Temple  
Salt Lake City, Utah 84116

RE: Lakeside A #1  
NE/4 Section 1-T3N-R9W  
Box Elder County, Utah

Dear Sir:

Enclosed please find two (2) copies of State of Utah Form OGCC-3, "Well Completion or Recompletion Report and Log" for the above captioned well. Also enclosed are two (2) copies each of the following:

Well History  
Borehole Compensated Sonic Log  
Dual Induction - SFL

If there are further requirements concerning this well, please feel free to contact this office.

Sincerely,

James R. Vaughan  
Region Engineering Manager  
Western Region

JRV/nmf  
Enclosures

SUBMIT IN DUPLICATE\*

STATE OF UTAH

(See other instructions on reverse side)

OIL & GAS CONSERVATION COMMISSION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other P & A

2. NAME OF OPERATOR  
Cities Service Company

3. ADDRESS OF OPERATOR  
1600 Broadway, Suite 900; Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 660' FNL and 660' FEL (NE NE)  
At top prod. interval reported below same as above  
At total depth same as above

RECEIVED

FEB 19 1981

DIVISION OF

14. PERMIT NO. OIL, GAS & MINING  
43-033-30013 April 24, 1980

5. LEASE DESIGNATION AND SERIAL NO.  
ML-34436

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A

7. UNIT AGREEMENT NAME  
N/A

8. FARM OR LEASE NAME  
Lakeside A

9. WELL NO.  
1

10. FIELD AND POOL, OR WILDCAT  
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Section 1-T3N-R9W

12. COUNTY OR PARISH  
Box Elder

13. STATE  
Utah

15. DATE SPUNDED 1/07/81 16. DATE T.D. REACHED 1/17/81 17. DATE COMPL. (Ready to prod.) 1/23/81 P & A 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 4216' RKB 19. ELEV. CASINGHEAD 4204' GR

20. TOTAL DEPTH, MD & TVD 2655' 21. PLUG, BACK T.D., MD & TVD surface 22. IF MULTIPLE COMPL. HOW MANY\* N/A 23. INTERVALS DRILLED BY → ROTARY TOOLS All CABLE TOOLS None

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
N/A 25. WAS DIRECTIONAL SURVEY MADE  
No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
Borehole Compensated Sonic, Dual Induction - SFL 27. WAS WELL CORED  
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<u>9-5/8"</u>	<u>36</u>	<u>449'</u>	<u>13-1/2"</u>	<u>485 sx Class "G"</u>	<u>None</u>

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.\* PRODUCTION

DATE FIRST PRODUCTION \_\_\_\_\_ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) \_\_\_\_\_ WELL STATUS (Producing or shut-in) P & A

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO

FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) \_\_\_\_\_ TEST WITNESSED BY \_\_\_\_\_

35. LIST OF ATTACHMENTS  
Well History, Electric Logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED James R. Vaughan TITLE Region Engineering Manager DATE 2/13/81

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.  
**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS
				38.
				38. GEOLOGIC MARKERS
				TOP Subsea
				MEAS. DEPTH
				NAME
				1155' 2570'
				Tertiary Sand Precambrian Quartzite
				(-3061') (-1646')



CITIES SERVICE COMPANY  
ENERGY RESOURCES GROUP

900 Colorado State Bank Building  
1600 Broadway  
Denver, Colorado 80202  
(303) 861-2464

May 8, 1981

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

Attn: Michael T. Minder

RE: Cities Service Company  
Lakeside A-1  
NE NE Section 1-T3N-R9W  
Box Elder County, Utah

Dear Sir:

The Lakeside location has been recently reviewed and is deemed suitable for release by State authorities. Please find the attached Sundry Notice for abandonment.

If there are further questions concerning this project, please contact this office.

Sincerely,

E.B. Binkley  
Drilling Specialist  
Western Region

EBB/nmf  
Attachment

MAY 8 1981

DIVISION OF  
OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NO.

ML-34436

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

Lakeside A

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

W/C

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Section 1-T3N-R9W

12. COUNTY OR PARISH

Box Elder

18. STATE

Utah

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL  GAS WELL  OTHER Plugged & Abandoned

2. NAME OF OPERATOR

CITIES SERVICE COMPANY

3. ADDRESS OF OPERATOR

1600 Broadway, Suite 900, Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\* See also space 17 below.)  
At surface

660' FNL & 660' FEL (NE NE)

14. PERMIT NO.

43-003-30013

15. ELEVATIONS (Show whether DF, RT, OR, etc.)

4201' GL

16.

**Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF   
FRACTURE TREAT   
SHOOT OR ACIDIZE   
REPAIR WELL   
(Other)

FULL OR ALTER CASING   
MULTIPLE COMPLETE   
ABANDON\*   
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF   
FRACTURE TREATMENT   
SHOOTING OR ACIDIZING   
(Other)

REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

February 1, 1981

The Lakeside A-1 location has been reconditioned and the reserve pit has been backfilled and levelled to the best allowed by the marshy-sandy terrain.

May 5, 1981

The location was reinspected by our local field foreman and appeared ready for State inspection and release. The dry hole marker was set, welded and cemented in place on the top plug of 20 sx Class "G" cement on January 24, 1981.

Plugging report previously sent on January 26, 1981.

**APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING**

DATE: 5/8/81  
BY: [Signature]

MAY 8 1981

DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

[Signature]

TITLE Drilling Specialist

DATE 5/08/81

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY: