

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

SUBMIT IN TRIPLICATE*
(Other instructions on
reverse side)

5. Lease Designation and Serial No.

ML-31010

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name
Sweetwater State

8. Farm or Lease Name
Sweetwater State

9. Well No.
1

10. Field and Pool, or Wildcat
Wildcat

11. Sec., T., R., M., or Bk.
and Survey or Area
Section 1, T14N, R7E

12. County or Parrish 13. State
Rich County, Utah

14. Distance in miles and direction from nearest town or post office*
22.5 Miles North from Randolph, Utah

15. Distance from proposed*
location to nearest
property or lease line, ft.
(Also to nearest drlg. line, if any)
1500'

16. No. of acres in lease
2,459.09

17. No. of acres assigned
to this well
--

18. Distance from proposed location*
to nearest well, drilling, completed
or applied for, on this lease, ft.
none

19. Proposed depth
17,500'

20. Rotary or cable tools
Rotary

21. Elevations (Show whether DF, RT, GR, etc.)
6944' Ungraded Ground

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
26"	20"	94 #	40'	60 cu. ft.
17 1/2"	13 3/8"	60 & 61 #	3,850'	2,890 cu. ft.
12 1/4"	9 5/8"	43.50 #	11,250'	2,330 cu. ft.
8 1/2"	7"	29 & 38 #	14,000'	620 cu. ft.

Due to geology, it will be necessary to drill this well at this unorthodox location. Ownership within a radius of 660 feet is common to the drill site. Please grant administrative approval.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 6-29-83
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: [Signature] Title: Unit Head Date: June 23, 1983

Permit No. Approval Date
Approved by Title Date
Conditions of approval, if any:

P.O. BOX 654
 GREEN RIVER, WYOMING
 82935
 TELEPHONE: (307) 875-3638

WILLIAM H. SMITH & ASSOCIATES
 SURVEYING CONSULTANTS

T 14 N R 7 E

RECORD: N88°01'E-80.00 CH.

MEAS.: 5301.93'

(BASIS OF BEARING)

NOTE:

BASIS OF BEARING WAS ESTABLISHED FROM RECORD BEARINGS ALONG THE SECTION LINE BETWEEN THE NORTHWEST AND NORTHEAST SECTION CORNERS OF SECTION 1, T14N, R7E AS RECORDED AND APPROVED BY THE U.S.L.O. 1876.

EXXON COMPANY USA
 SHEETWATER STATE NO.1



1500'

1590'

MEAS. NO°10'47"E-2619.98'

RECORD: NORTH-80.00 CH.

RECORD: S0°17'E-79.10 CH.

RECORD: N88°26'W-80.00 CH.



SCALE: 1" = 1000'

- Found Brass Cap
- Found Stone

I, WILLIAM H. SMITH of Green River, Wyoming hereby certify that in accordance with a request from TOM WALSH of DENVER, COLORADO for EXXON COMPANY USA

RANDY ROWLEY under my supervision and direction made a survey on the 2 ND day of JUNE, 1983 for location and elevation of the SHEETWATER STATE NO.1

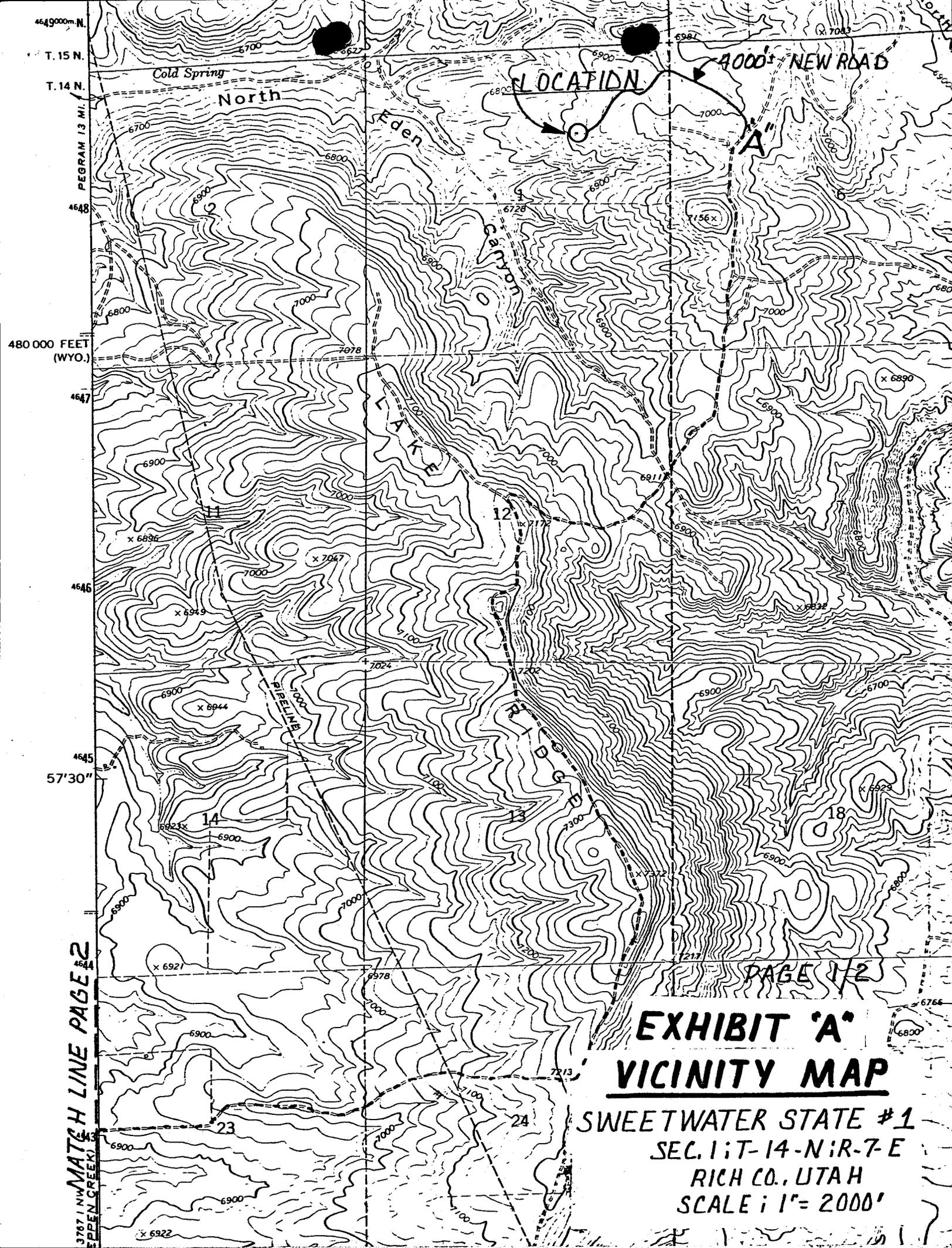
As shown on the above map, the wellsite is in the SW/4, NE/4 of Section 1, Township 14 NORTH, Range 7 EAST of the SALT LAKE BASE & MERIDIAN, RICH County, State of UTAH. Elevation is 6921 feet UNGRADED GROUND Datum ESTABLISHED FROM SPOT ELEVATION 7156 LOCATED IN THE SW/4 SECTION 6, T14N R8E AS SHOWN ON THE USGS 7 1/2' TOPO "SOUTH LAKE UTAH-WYOMING."

- Reference Point 300' NORTH REBAR AND LATH ELEVATION TOP OF REBAR = 6918.8
- Reference Point 300' SOUTH REBAR AND LATH ELEVATION TOP OF REBAR = 6894.7
- Reference Point 300' EAST REBAR AND LATH ELEVATION TOP OF REBAR = 6948.4
- Reference Point 300' WEST REBAR AND LATH ELEVATION TOP OF REBAR = 6891.4

JOB NO. 83041.000

William H. Smith
 UTAH RLS NO. 2764

W.A. 8097



4649000m N.
T. 15 N.
T. 14 N.
PEGRAM 13 MI.
4648
480 000 FEET (WYO.)
4647
4646
4645
57'30"
37871 NW MATCH LINE PAGE 12
EDDEN CREEK

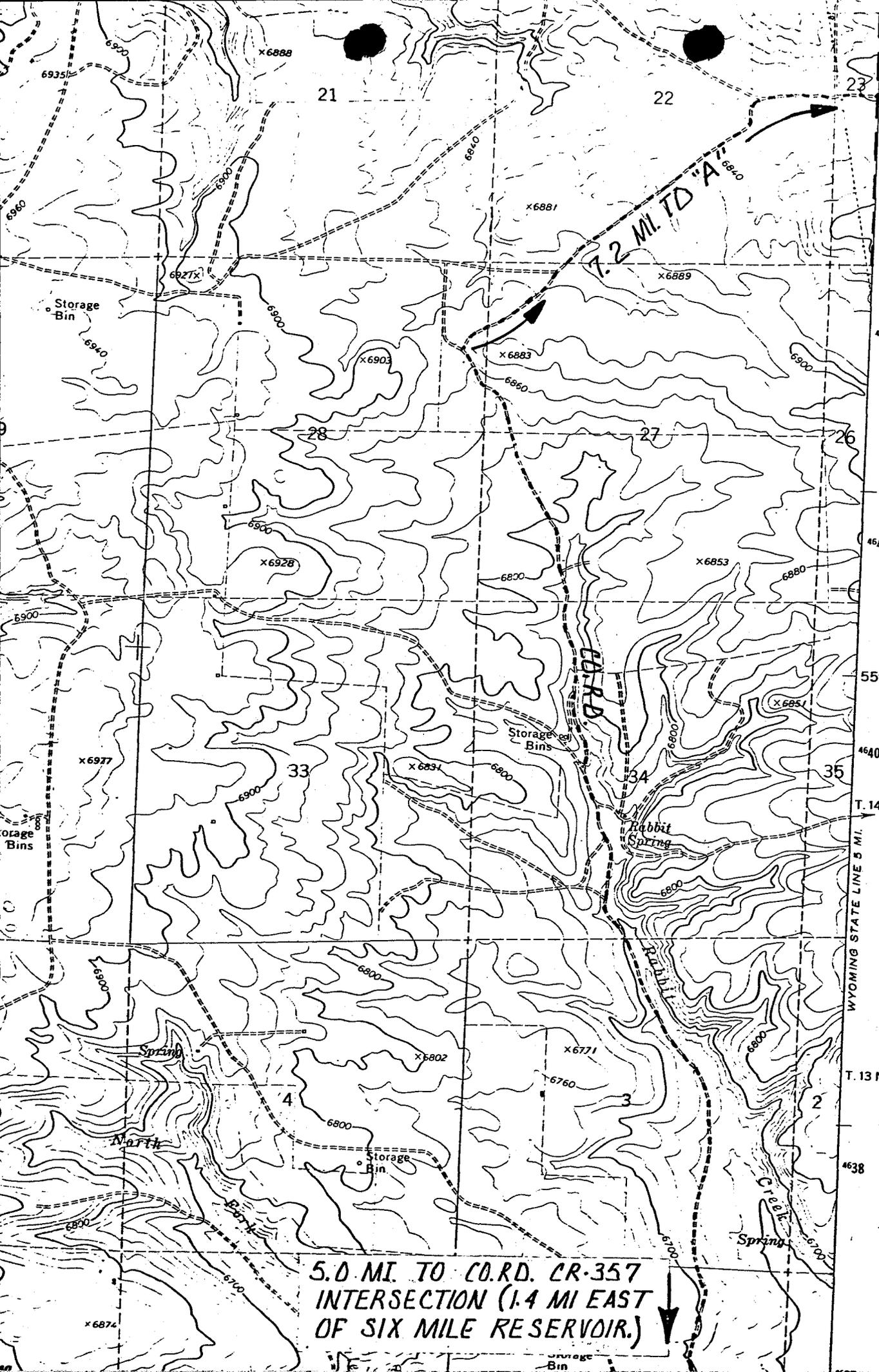
LOCATION

4000' NEW ROAD

PAGE 1/2

EXHIBIT 'A' VICINITY MAP

SWEETWATER STATE #1
SEC. 1; T-14-N; R-7-E
RICH CO., UTAH
SCALE: 1" = 2000'



5.0 MI. TO CO. RD. CR-357
 INTERSECTION (1.4 MI EAST
 OF SIX MILE RESERVOIR.)

LOCATION

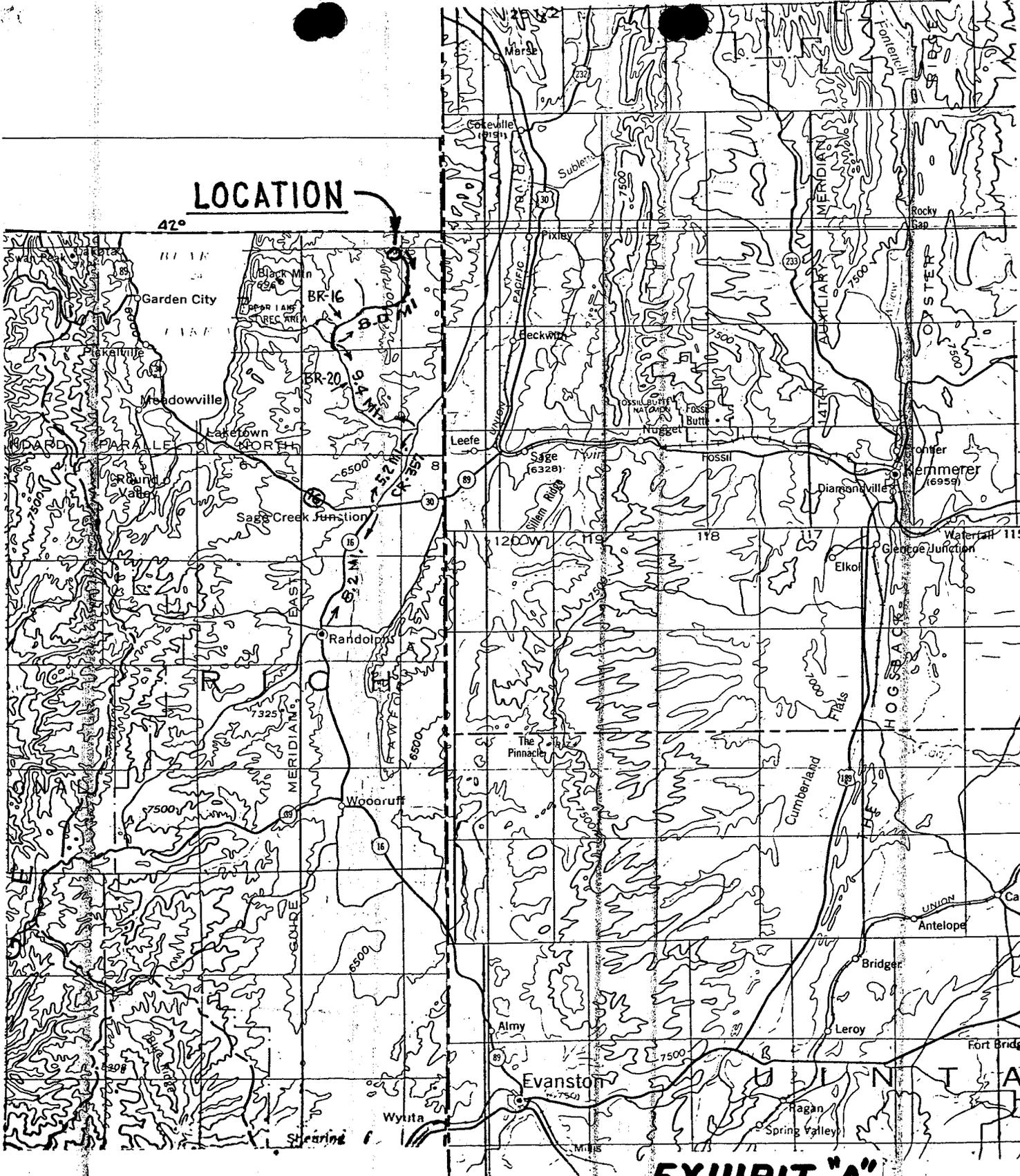


EXHIBIT "A"

AREA MAP

SWEETWATER ST. #1

SEC. 1; T-14-N; R-7-E

RICH CO., UTAH

SCALE: 1" = 8 MI. ±

EXXON CORPORATION SWEETWATER STATE #1

Section 1, T14N, R7E
 Rich County, Utah
 Ten Point Plan

1. The geologic name of the surface formation is: Tertiary
2. The estimated tops of important geologic markers:

Twin Creek	1,089'	Weber-Wells	9,505'
Gypsum Springs	2,442'	Amsden	10,486'
Nugget	2,720'	Madison-Lodgepole	11,251'
Ankareh	3,847'	Three Forks	13,331'
Thaynes	5,233'	Laketown	14,411'
Woodside	7,616'	Big Horn	14,931'
Dinwoody	8,536'	Cambrian	15,421'
Phosphoria	9,065'	Thrust Cretaceous	16,138'

3. The estimated depths at which anticipated oil, water, gas or other mineral bearing formations are expected to be encountered:

Deepest fresh water zone	1,089'	Fresh Water
Madison	11,251'	Gas

4. Proposed casing programs:

A. Casing

<u>String</u>	<u>Size/Weight/Grade</u>	<u>Depth Interval</u>
Conductor	20"/94#/H-40/STC	0 - 40'
Surface	13-3/8"/60#/K55/BTC	0 - 1,000'
	13-3/8"/61#/K55/STC	1,000' - 3,850'
Intermediate	9-5/8"/43.50#/L80/LTC	0 - 11,250'
Production	7"/29#/L80/BT	0 - 3,000'
	7"/29#/L80/LTC	3,000' - 12,000'
	7"/29#/RS-95/FLAS	12,000' - 14,000'
	7"/38#/L-80/BT	14,000' - TD

All pipe in new condition.

B. Cement

<u>Casing</u>	<u>Depth</u>	<u>Cement Type</u>	<u>Approximate Volume</u>	<u>Estimated Top of Cement</u>
20"	40'	Readi-Mix	60 ft ³	Surface
13-3/8"	3,850'	Light Cement Class "H"	2,650 ft ³ 240 ft ³	Surface

<u>Casing</u>	<u>Depth</u>	<u>Cement Type</u>	<u>Approximate Volume</u>	<u>Estimated Top of Cement</u>
9-5/8"	11,250'	Light Cement Class "H"	2,090 ft ³ 240 ft ³	3,800'
7"	TD	Light Cement Class "H"	380 ft ³ 240 ft ³	11,250'

C. Casing Test Procedures

1. Surface Casing (13-3/8"): 3000 psi Test Pressure
2. Intermediate Casing (9-5/8"): 4000 psi Test Pressure
3. Production Casing (7"): 5000 psi Test Pressure

5. Minimum specifications for pressure control:

A. Casinghead equipment:

"A" Section: 13-3/8" Butt x 13-5/8" - 3000 psi w/Landing Base - Sweet
 "B" Section: 13-5/8" - 3000 psi x 11" - 5000 psi - Sour
 Tubing Head: 11" - 5000 psi x 7-1/16" - 10,000 psi - Sour
 Tubing Head Adapter: 7-1/16" - 10,000 psi x 2-9/16" - 10,000 psi - Sour
 Tree: 2-9/16" - 10,000 psi Sour

B. Blowout preventers:

Type II-C (3000 psi WP) will be installed on the 13-3/8" casing, and Type III-A (5000 psi WP) on the 9-5/8" casing.

C. BOP control unit:

Unit will be hydraulically operated and have one control station located 60 feet from the wellbore and one located on the rig floor.

D. Blowout preventer testing:

Type II-C: 300 - 3000 psi - initial installation
 300 - 2100 psi - subsequent tests
 Type III-A: 300 - 5000 psi - initial installation
 300 - 3500 psi - subsequent tests

An operations test consisting of closing the annular preventer and pipe rams on the drill pipe and closing the blind rams on open hole will be performed on each round trip but not more than once each day.

6. Type and anticipated characteristics of drilling fluid:

<u>Depth Interval</u>	<u>Mud Type</u>	<u>ppg</u>	<u>Sec/Qt</u>	<u>CP</u>	<u>#/100 Ft²</u>	<u>pH</u>
0 - 3,850'	Spud Mud	8.4- 8.6	30-50	5-12	5-25	9.5-10.5
3,850'- TD	FWM	8.8- 9.4	35-75	7-20	10-25	9.5-10.5

Mud weight and viscosity will be maintained at minimum levels compatible with operating conditions. Not less than 200 bbls of mud will be in surface mud pits and at least 200 sx of barite will be stocked on location. Stock points will be located approximately two hours away at Kemmerer or Evanston.

7. Auxiliary equipment:

- A. Kelly Cocks: Upper and lower installed on kelly.
- B. Safety Valve: Full opening ball type to fit each type and size of drill pipe in use available on the rig floor in the open position at all times.
- C. Pit volume totalizer to monitor mud pits.
- D. Trip tank to keep hole full of fluid on trips and to monitor hole behavior on trips.
- E. Float will not be run at the bit.

8. The testing and logging program to be followed:

DST - Two DST's are planned for the Madison formation.

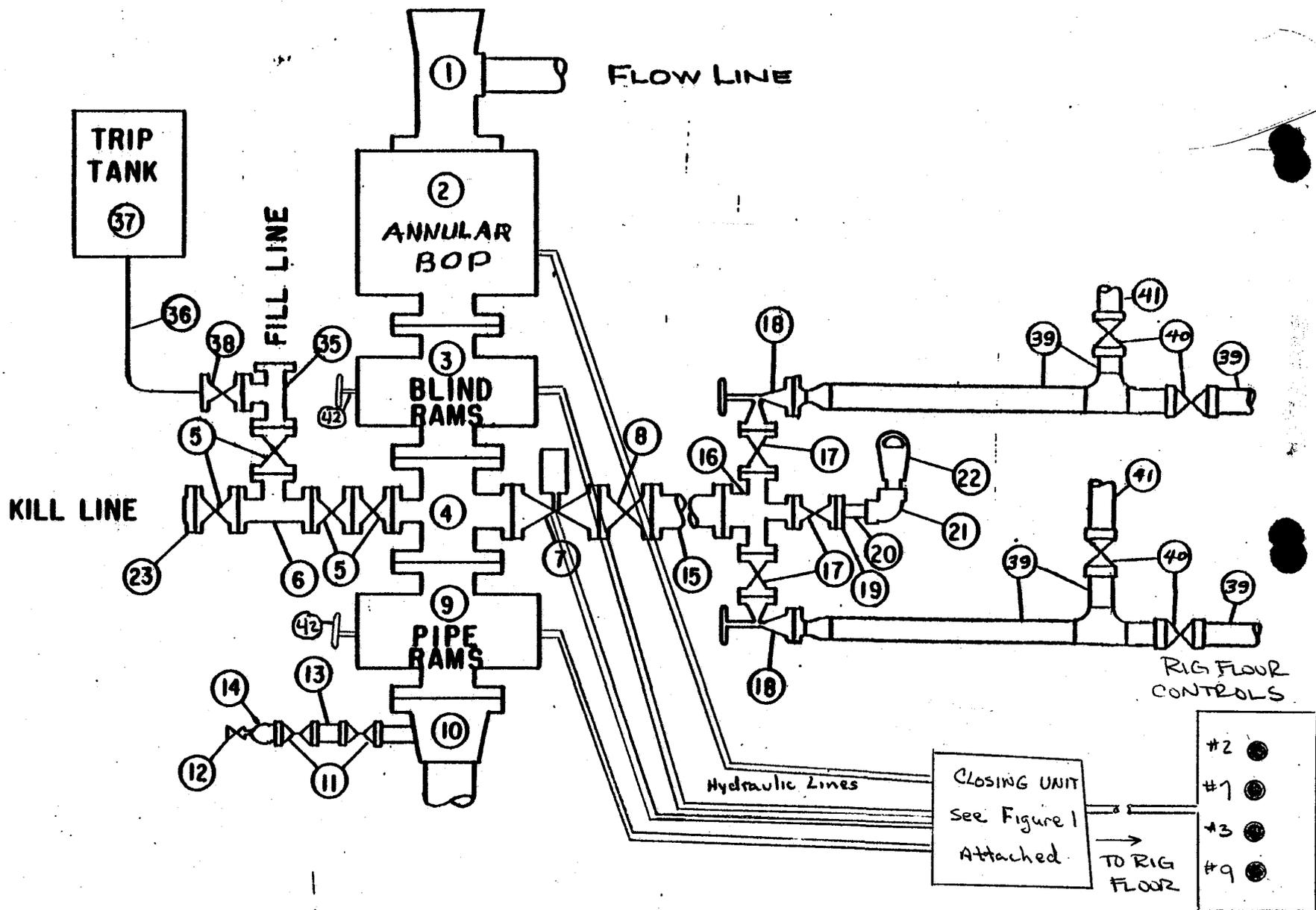
Coring - One 60 ft. core is planned for the Madison.

Logging Program - From approximately 3,850' to total depth: formation density, compensated neutron, borehole compensated sonic, gamma ray, caliper, dual induction and spontaneous potential logs: Dipmeter and SRS (velocity survey) will be run from surface casing to TD.

Stimulation - Perforate the Madison formation. Acid-frac with 150 gal/ft of 15% HCl. Assist in acid flow back with nitrogen foam.

- 9. No abnormal pressure or temperature hazards are expected. H₂S is not expected above 9,065'. An H₂S contingency plan will be supplied.
- 10. The well is expected to spud in June, 1983. Drilling operations will end approximately February, 1984. The well will be completed by approximately April, 1984.

MIDLAND DRILLING ORGANIZATION BLOWOUT PREVENTER SPECIFICATION TYPE II - C



9/15/73

**BLOWOUT PREVENTER SPECIFICATION
EQUIPMENT DESCRIPTION**

TYPE II-C

All equipment should be at least 3000 psi WP or higher unless otherwise specified.

1. Bell nipple.
2. Hydril or Shaffer bag type preventer.
3. Ram type pressure operated blowout preventer with blind rams.
- * 4. Flanged spool with one 4-inch and one 2-inch (minimum) outlet.
5. 2-inch (minimum) flanged plug or gate valve.
6. 2-inch by 2-inch by 2-inch (minimum) flanged tee.
7. 4-inch pressure operated gate valve.
8. 4-inch flanged gate or plug valve.
- * 9. Ram type pressure operated blowout preventer with pipe rams.
10. Flanged type casing head with one side outlet (furnished by Exxon).
11. 2-inch threaded (or flanged) plug or gate valve (furnished by Exxon).
Flanged on 5000# WP, threaded on 3000# WP or less.
12. Needle valve (furnished by Exxon).
13. 2-inch nipple (furnished by Exxon).
14. Tapped bull plug (furnished by Exxon).
15. 4-inch flanged spacer spool.
16. 4-inch by 2-inch by 2-inch by 2-inch flanged cross.
17. 2-inch flanged plug or gate valve.
18. 2-inch flanged adjustable choke.
19. 2-inch threaded flange.
20. 2-inch XXH nipple.
21. 2-inch forged steel 90° Ell.
22. Cameron (or equal.) threaded pressure gage.
23. Threaded flange.

35. 2-inch flanged tee.
36. 3-inch (minimum) hose. (Furnished by Exxon).
37. Trip tank. (Furnished by Exxon).
38. 2-inch flanged plug or gate valve.
39. 2-1/2-inch pipe, 300' to pit, anchored.
40. 2-1/2-inch SE valve.
41. 2-1/2-inch line to steel pit or separator.
42. Manual control for BOP's.

NOTES:

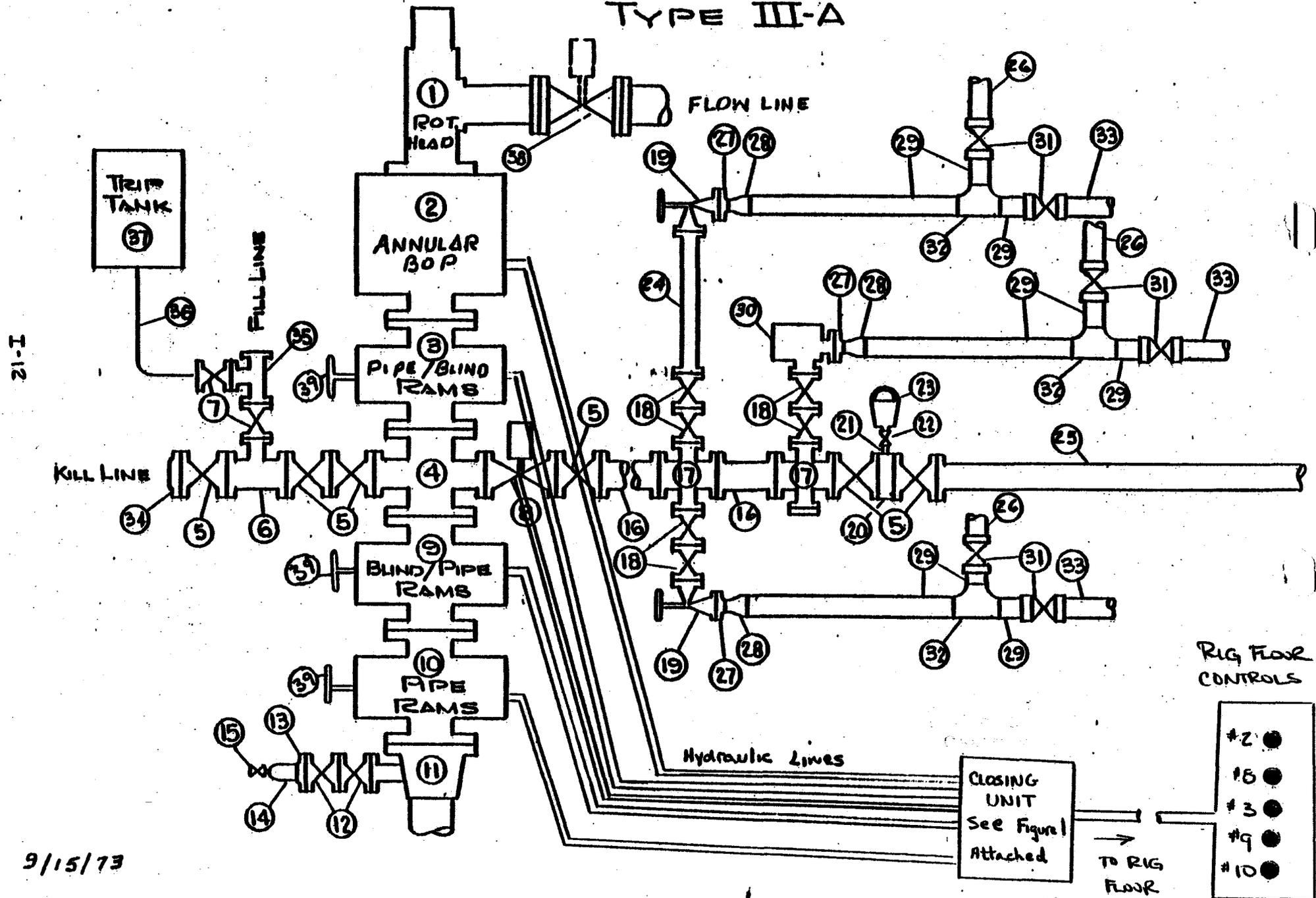
1. Items 3, 4 and 9 may be replaced with double ram type preventer with side outlets between the rams.
2. The two valves next to the stack on the fill and kill line to be closed unless drill string is being pulled.
3. Kill line is for emergency use only. This connection shall not be used for filling.
4. Replacement pipe rams and blind rams shall be on location at all times.
5. Only type U, LWS and QRC ram type preventers with secondary seals are acceptable for 5000 psi WP and higher BOP stacks.
6. Type E ram-type BOP's with factory modified side outlets may be used on 3000 psi or lower WP BOP stacks.

* NOTE: Flanged spool & single ram preventer could be replaced by a double ram preventer with side outlets between the rams. I-11

MIDLAND DRILLING ORGANIZATION

BLOWOUT PREVENTER SPECIFICATION

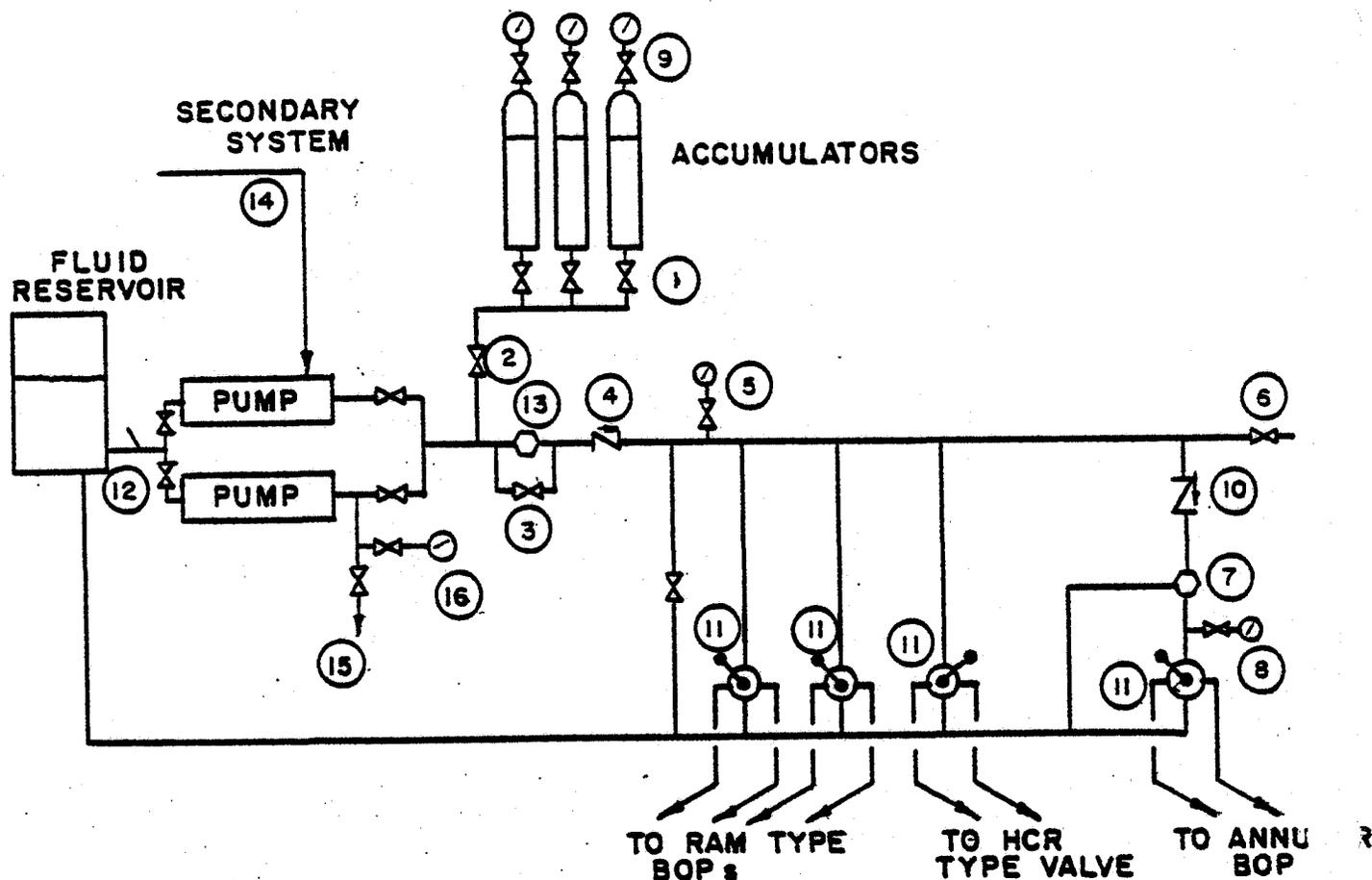
TYPE III-A



21-I

9/15/73

ACCEPTABLE BOP CLOSING UNIT ARRANGEMENT



1. Full opening valve to isolate each accumulator bottle from the accumulator system.
2. Full opening valve to isolate the accumulator system from the closing unit manifold.
3. Bypass line with full opening valve to provide full accumulator pressure to the closing unit manifold. This line and valve are required when a regulator is used to control operating pressure on the ram preventers.
4. Check valve to isolate both the pumps and the accumulator system from the closing unit manifold.
5. Accurate pressure gage to measure closing unit manifold pressure upstream of the Pressure Regulating Valve.
6. Full opening valve to provide connection for another pump.
7. Pressure Regulating Valve to permit regulation of operating pressure on the annular preventer from zero to 1500 psi.
8. Accurate pressure gage to measure the operating pressure downstream of the Pressure Regulating Valve.
9. Necessary fittings and pressure gages to permit measurement of the accumulator pressure at all times.
10. Check valve to isolate the annular preventer regulator from the closing unit manifold.
11. 4-way valves. If Cameron Ramloc 4-way valves are used, remove the check valve from the annular preventer's valve.
12. Pump suction strainer equipped with a good screen.
13. Pressure regulator valve to maintain a maximum pressure of 1500 psi on manifold if pumps and accumulators are operated at higher pressures.
14. A secondary power of electricity or air.
15. Line to floor for testing BOP equipment.
16. Accurate pressure gage to observe test pressure.

SURFACE USE PLAN

Exxon Corporation Sweetwater State No. 1
1500' FNL and 1590' FEL of Section 1, T14N, R7E
Rich County, Utah
State Lease No. ML 31010

1. EXISTING ROADS - The area Map, Exhibit "A", is a reproduction of the Ogden 1:250,000 scale Army map. The Vicinity Map is a reproduction of the Sheeppen Creek and South Lake Quadrangle Maps.
 - A. Exhibit "A" shows the proposed wellsite as staked.
 - B. From Sage Creek Junction, Utah, go north on Highway 357 for approximately 5 miles. Turn west on a county road for 2.4 miles, then north for 7.0 miles. Turn northeast for 1.1 miles, then east for 2.0 miles. Turn north along the Lake Ridge Road for 4.0 miles. Turn east for 0.4 miles, then North for 1.2 miles. New road construction will begin here and continue west for 0.8 mile to the location.
 - C. The highway north from Sage Creek Junction is a 2 lane asphalt road. The existing county roads are 18' wide all-weather roads. All other roads in the vicinity of the location are unimproved two track trails.
 - D. Improvement of 5.7 miles of existing access roads is planned. Approximately 0.8 mile of access road will be constructed as described in Section 2.
2. PLANNED ACCESS ROADS - Approximately 0.8 mile of new road will be constructed from point A to the drillsite.
 - A. Width of the new road will be approximately 18'.
 - B. The maximum grade will be 8 percent.
 - C. Turnouts will be constructed wherever required due to inadequate site distance.
 - D. A 18" CMP will be placed at the location entrance. An 18" CMP will be placed where the county road turns east toward Lake Ridge. Additional culverts may be installed, if necessary, during construction.
 - E. No fence cuts, gates, or cattleguards will be required.
3. LOCATION OF EXISTING WELLS WITHIN TWO MILE RADIUS
 - A. Water Wells - None.

- B. Abandoned Wells - None.
- C. Temporarily Abandoned Wells - None.
- D. Disposal Wells - None.
- E. Drilling Wells - None.
- F. Producing Wells - None.
- G. Shut-in Wells - None.
- H. Injection Wells - None.
- I. Monitoring or Observation Wells - None.

4. TANK BATTERIES, PRODUCTION FACILITIES AND LEASE PIPELINES

- A. There are no tank batteries, production facilities or pipelines controlled by the lessee within one mile of the location.
- B. In the event of production, new facilities are shown on Exhibit "B".
 - 1. Proposed location and attendant lines are not flagged since they will be located on the well pad.
 - 2. Dimensions of facilities are shown on Exhibit "B".
 - 3. Production facilities will be constructed on the drillsite pad using gravel surface.
 - 4. Equipment and pit will be fenced to protect livestock and wildlife.
- C. Rehabilitation will be done on any disturbed areas no longer needed for operations or after completion of the production facilities. These will consist of re-shaping the existing surface and seeding as specified.

5. LOCATION AND TYPE OF WATER SUPPLY - Water will be hauled along the access road from Rabbit Springs, located in Section 34, T14N, R7E.

6. SOURCE OF CONSTRUCTION MATERIALS

- A. Gravel will be obtained from a pit located on Lake Ridge.

B. Gravel needed will be obtained from a private source. Approximately 2500 cubic yards of gravel will be needed to surface the location, with approximately 11,000 cubic yards needed for the road.

C. Gravel will be hauled along the proposed access road.

7. METHODS FOR HANDLING WASTE DISPOSAL

A. Drill cuttings will be disposed of in the reserve pit.

B. Drilling fluids will be allowed to evaporate from the reserve pit until the pit is dry enough for back filling.

C. Water produced during tests will be disposed of in the reserve pit. Oil produced during tests will be stored in test tanks until sold, at which time it will be hauled from the site.

D. Sewage from trailer houses will drain into holes at least 10 feet deep, which will be kept covered until backfilled. An outdoor toilet will be provided for rig crews, this area will be backfilled during cleanup after rig moveout.

E. Trash, waste paper and garbage will be contained in a trash pit fenced with a small mesh wire to prevent wind scattering during collection.

F. When the rig moves out all garbage and trash will be hauled to a garbage disposal site off federal property.

8. ANCILLARY FACILITIES - No camps, airstrips, etc. will be constructed; however, it may be necessary to house employees on the drillsite due to severe weather conditions.

9. WELLSITE LAYOUT

A. Exhibit "B" shows the proposed wellsite layout.

B. The location of mud, and reserve pits, parking areas; soil stockpile; rig orientation; and turn-in from the access road are shown on Exhibit "B".

C. The reserve pit will not be lined unless subsurface conditions encountered during construction indicate lining is needed for lateral containment of fluids.

10. PLANS FOR RESTORATION OF THE SURFACE

- A. At the time of completion and abandonment of the well, the pits will be backfilled and the entire disturbed area will be sloped to coincide with the adjacent undisturbed area. Topsoil will be distributed over the entire disturbed area.
- B. Any pit that is to remain open for drying will be fenced until backfilling and reshaping can be done.
- C. After abandonment, Exxon will rehabilitate all disturbed areas as per State of Utah recommendations.
- D. Any oil on pits will be removed or otherwise disposed of to State of Utah approval. Overhead flagging will be installed if the pits are left open for any length of time.
- E. Rehabilitation operations will start in the Spring after completion and be completed in the Fall to State of Utah specifications.

11. OTHER INFORMATION

- A. The land is mountainous. Vegetation is native grass and sagebrush. There is some wheat grown in the area.
- B. The land is used principally for grazing. The surface is owned by the State of Utah.
- C. There are no known archeological or cultural sites in the area. There are no occupied dwellings in the area.
- D. See Exhibit "A" for location of streams in the area.

12. OPERATOR'S REPRESENTATIVE - Field representative who can be contacted concerning compliance of the Surface Use Plan is:

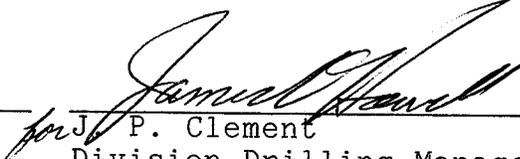
J. P. Clement
P. O. Box 1600
Midland, TX 79702
Office Phone: 915/686-4355

13. CERTIFICATION - I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill-site and access route; that I am familiar with the conditions which presently exist; that the statements made in

this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Exxon Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. A copy of this plan will be posed at the wellsite during the drilling of the well for reference by all contractors and subcontractors.

Date

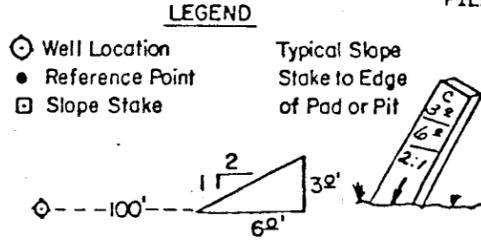
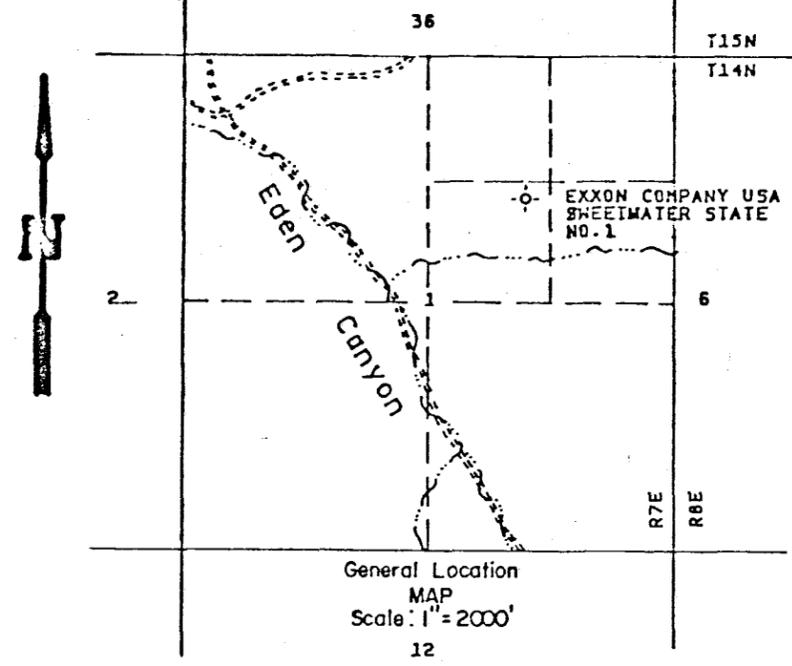
6/24/03

for 
J. P. Clement
Division Drilling Manager

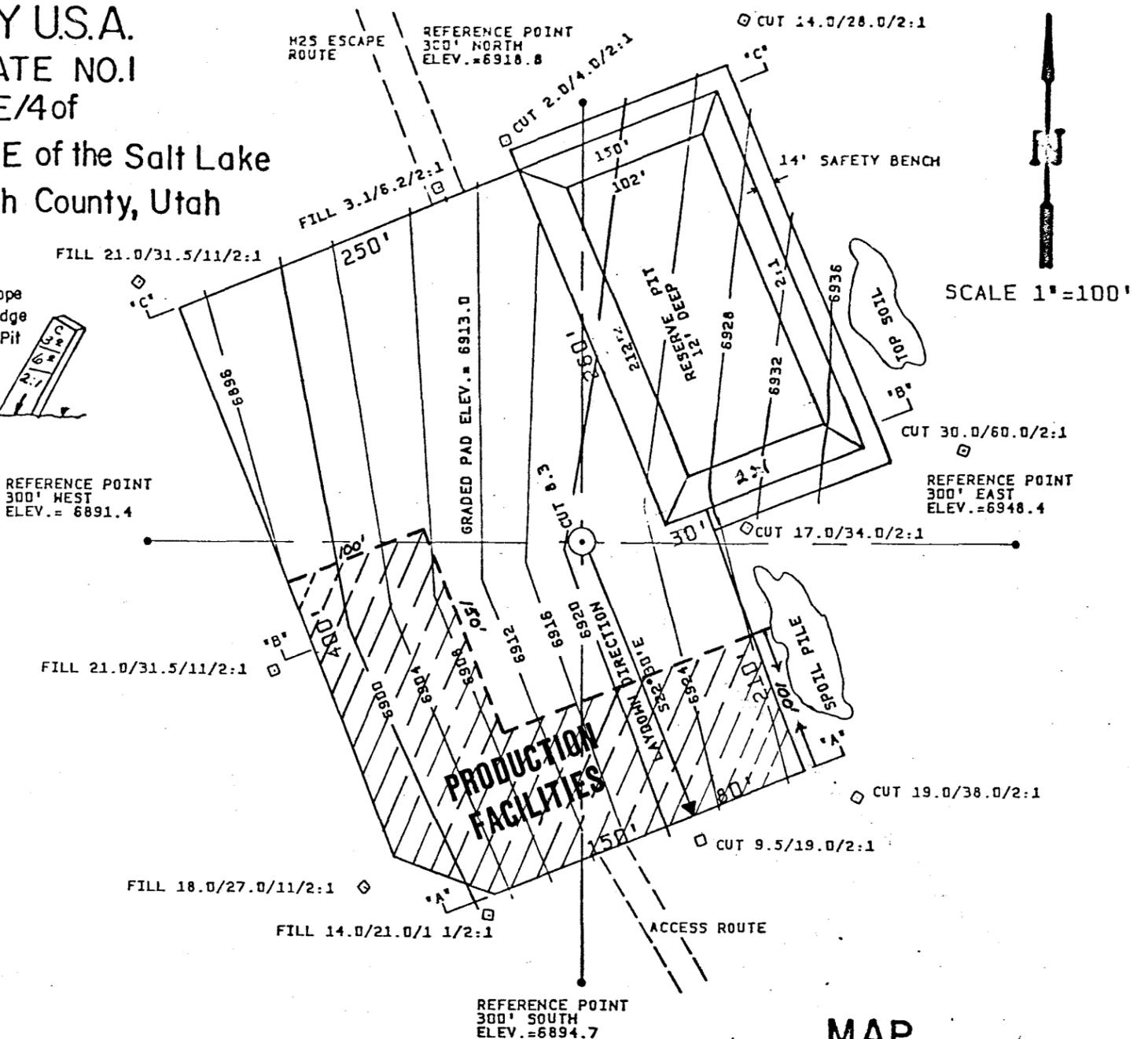
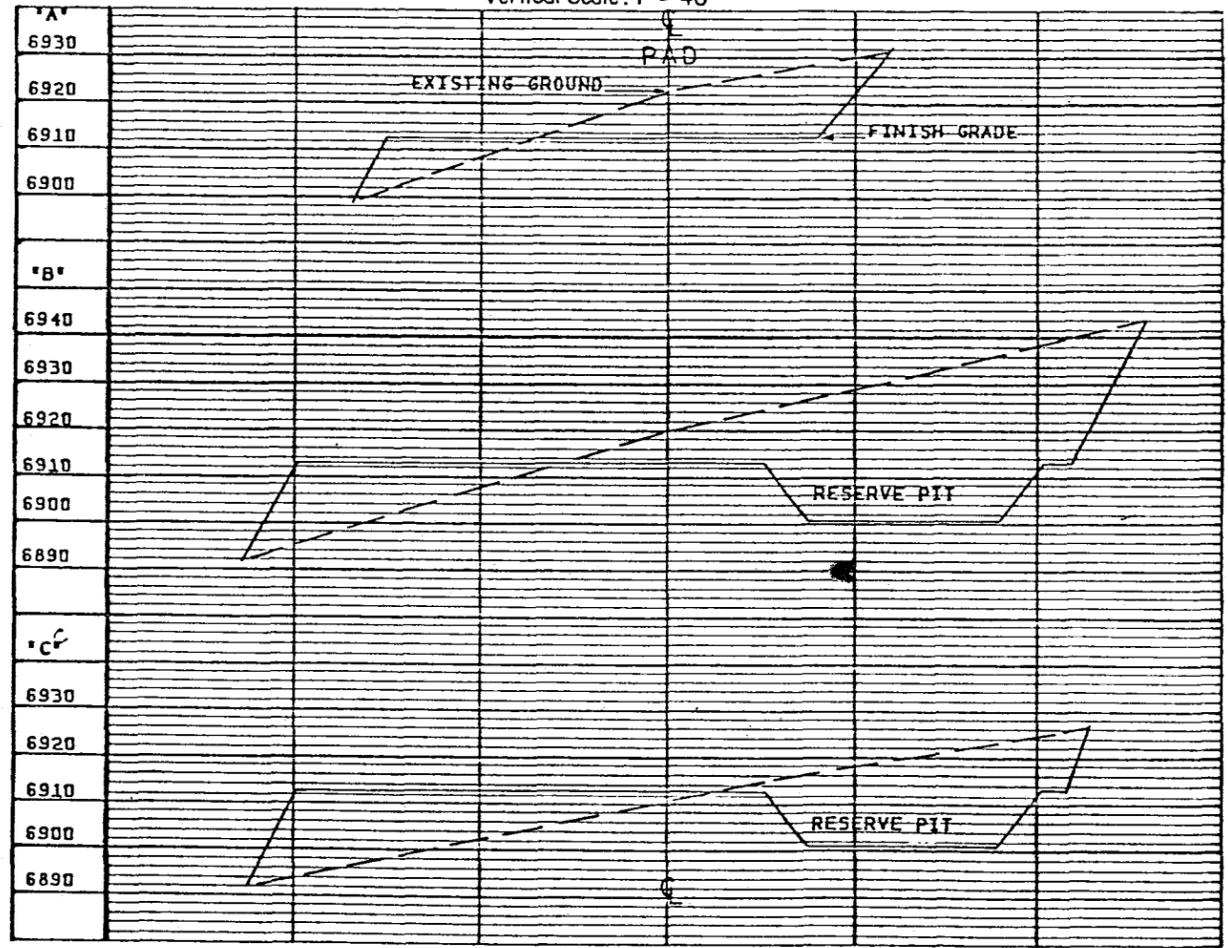
For on-site inspection, contact:

Melba Knipling
915/686-4406

EXXON COMPANY U.S.A.
 SWEETWATER STATE NO.1
 Located in the SW/4NE/4 of
 Section 1, T14N, R7 E of the Salt Lake
 Base & Meridian, Rich County, Utah



Cross Sections
 of
 Laydown Direction & Reserve Pit
 Horizontal Scale: 1" = 100'
 Vertical Scale: 1" = 40'



Total Yardage

Cut =	53.239	Cu. Yds.
Fill =	29.522	Cu. Yds.
Spoil pile =	17.689	Cu. Yds.
Top soil =	6.028	Cu. Yds.

Reserve pit capacity = 47,000 Barrels at 9' depth.
 RESERVE PIT WILL BE EXCAVATED TO A 12' DEPTH TO PROVIDE 3' FREEBOARD.

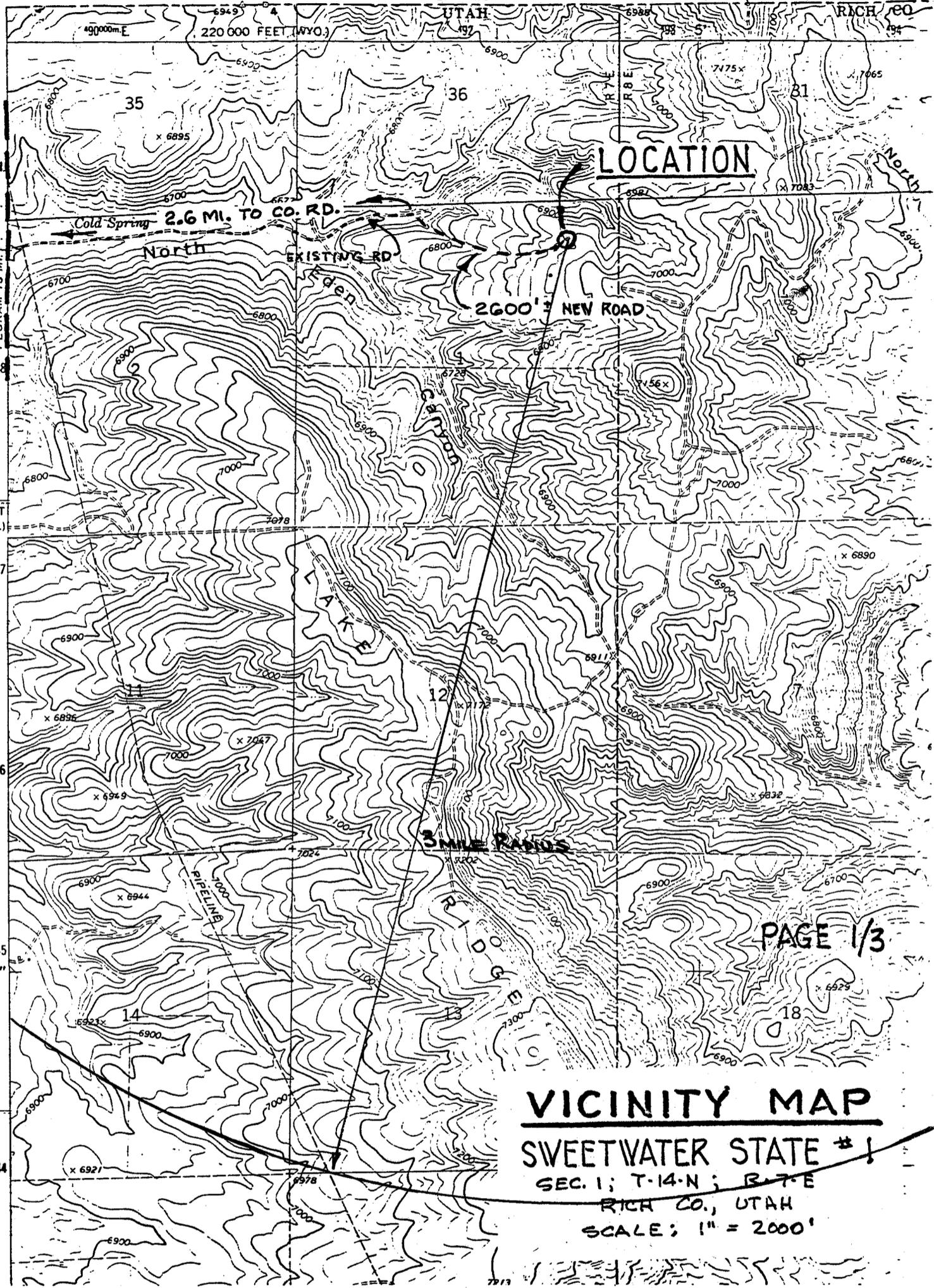
MAP
 To
 Accompany Application
 For
 PERMIT TO DRILL
 Applicant:
 EXXON COMPANY, USA
 P.O. BOX 1600
 MIDLAND, TEXAS 79702
 Prepared
 By
 William H. Smith
 & Associates P.C.
 Surveying Consultants

By: ap
 Date: 6/6/83

Job No. 83041.000

EXHIBIT "B"

42°00'
PAGE 2
4649000m N
T. 15 N.
T. 14 N.
MATCH LINE
PEGRAM 13 MI.
4648
10 000 FEET
(WYO.)
4647
4646
4645
57'30"
4644



LOCATION

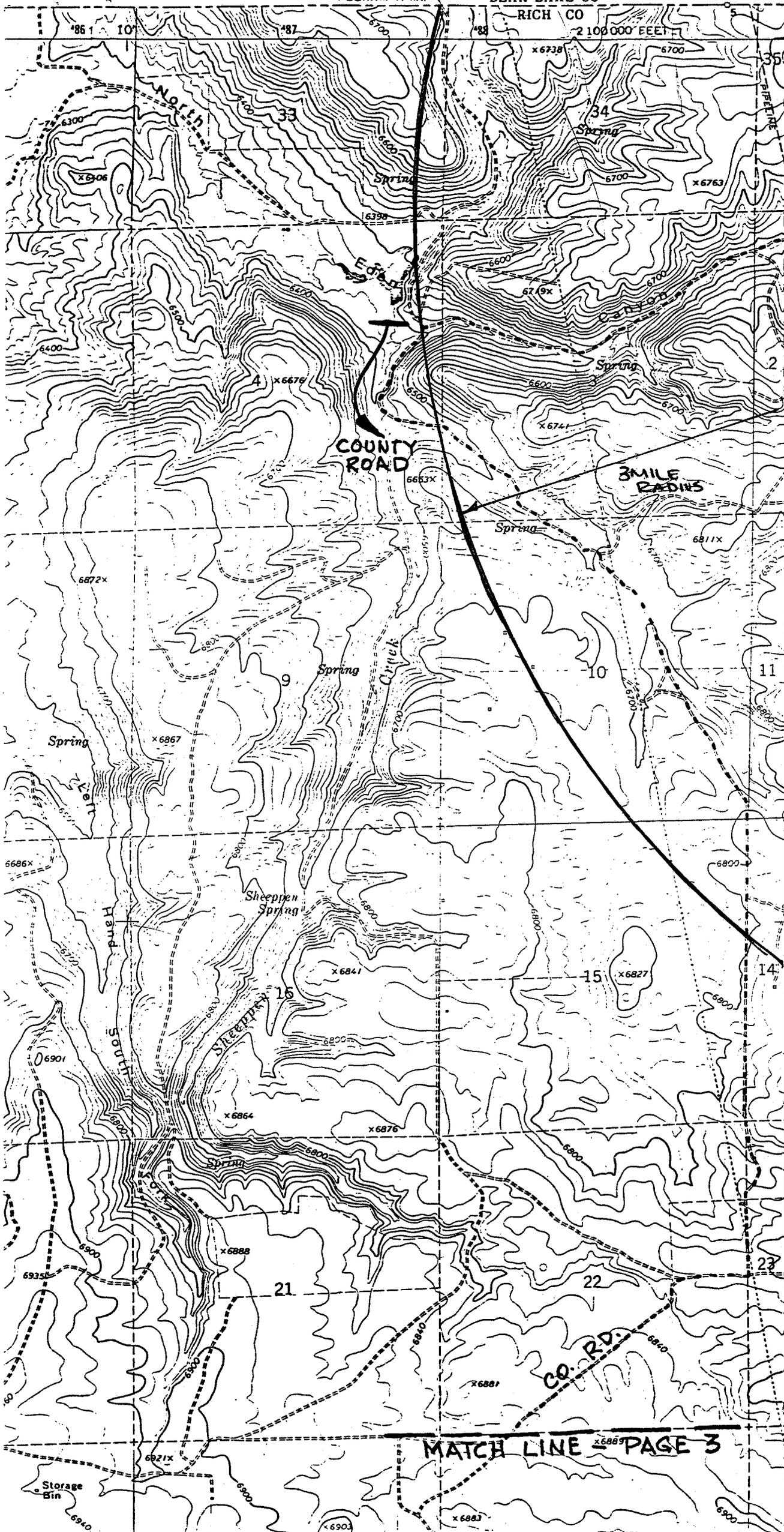
2.6 MI. TO CO. RD.

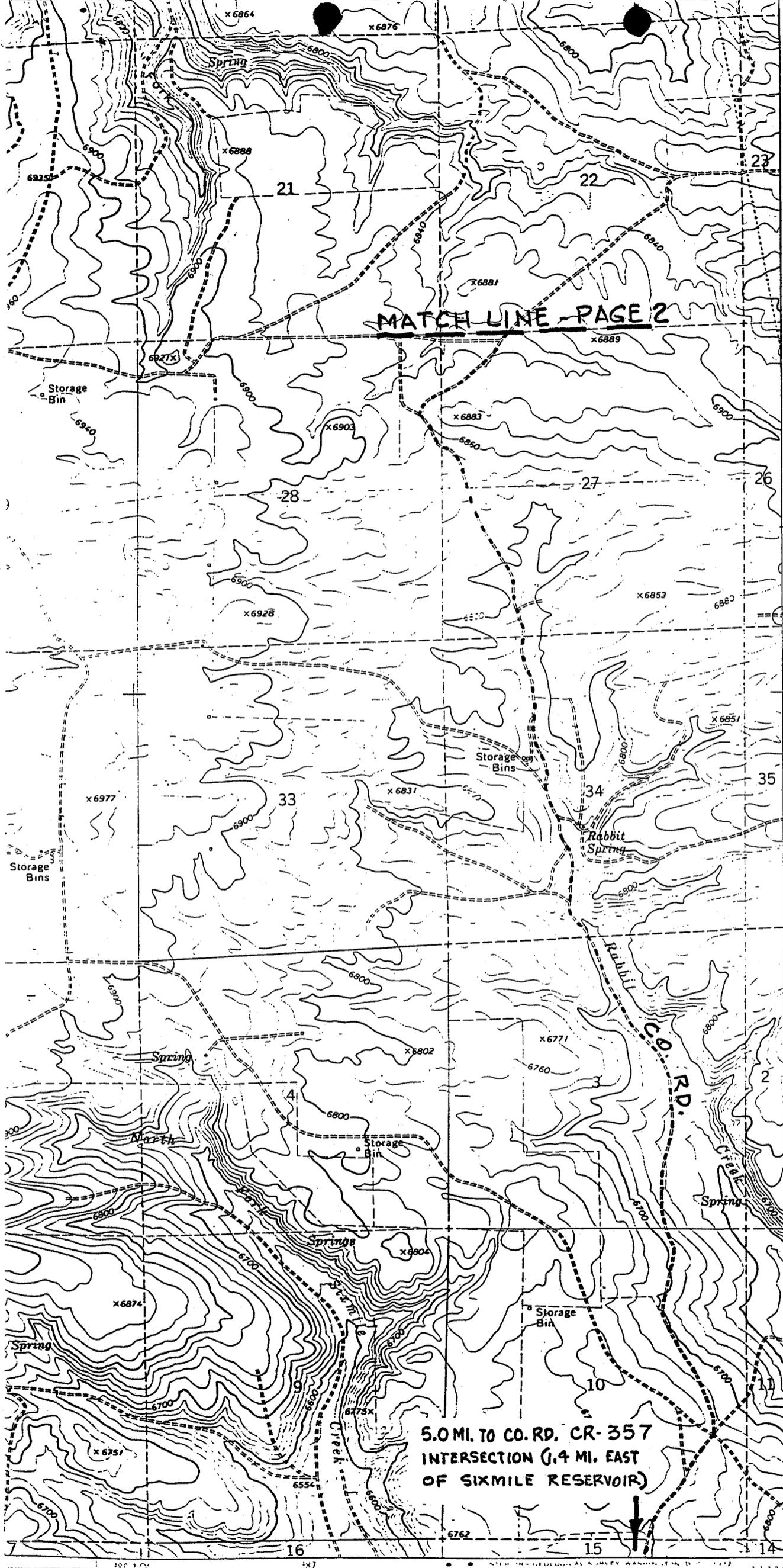
2600' NEW ROAD

3 MILE RADIUS

PAGE 1/3

VICINITY MAP
SWEETWATER STATE #1
 SEC. 1; T. 14-N; R. 7-E
 RICH CO., UTAH
 SCALE; 1" = 2000'





MATCH LINE - PAGE 2

4644
4643
4642
4641
55'
4640
T. 14 N.
4638
T. 13 N.
4637
4636000 N.
41° 52' 30"

PAGE 3/3

5.0 MI. TO CO. RD. CR-357
INTERSECTION (1.4 MI. EAST
OF SIXMILE RESERVOIR)

Rabbit
C.O. RD.

Rabbit
Spring

Spring

Spring

Spring

Spring

Spring

Storage
Bin

Storage
Bins

Storage
Bins

Storage
Bin

x 6977

x 6928

x 6903

x 6883

x 6881

x 6864

x 6876

x 6888

x 6889

x 6851

x 6831

x 6802

x 6771

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x 6874

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EXXON COMPANY, U.S.A.
Midcontinent Division
Midland Drilling Organization

H₂S CONTINGENCY PLAN

DATE: May 27, 1983

WELL NAME: Sweetwater States#1 PROJECTED TD: 16,640 feet
LOCATION: Section 1, T14N, R7E
Rich County, Utah

FIELD/PROSPECT NAME: _____

H₂S FORMATION:

Phosphoria DEPTH: 9,065' CONC: _____ PPM 100 PPM RADIUS OF EXPOSURE: _____
Madison DEPTH: 11,250' CONC: 170,000 PPM 100 PPM RADIUS OF EXPOSURE: 13,648'*
DEPTH: _____ CONC: _____ PPM 100 PPM RADIUS OF EXPOSURE: _____

*Based on equation: $X = [(1.589)(\text{PPM H}_2\text{S})(Q - M^2 \text{cf/day})]^{(.6258)}$

- I. Introduction. The objective of this contingency plan is to provide an organized plan of action for alerting and protecting the public from H₂S exposure in the event a potentially hazardous volume is accidentally released to the atmosphere. This plan should be activated immediately if any such release occurs. Exxon's Drilling Superintendent is responsible for initiating and carrying out the plan. NOTE: Full compliance of the precautionary measures outlined in this plan will be implemented no less than 1,000 feet above the first H₂S formation encountered.
- II. Individual Responsibilities. It is the responsibility of the Exxon Drilling Superintendent to see that all personnel on the location familiarize themselves with the procedures outlined in this contingency plan.
- A. All personnel:
1. Responsible for his assigned safety equipment.
 2. Responsible for familiarizing himself with the location of all safety equipment.
 3. Responsible for reporting any indications of H₂S to those in the area and to a supervisor.
- B. Drilling Superintendent:
1. Responsible for thoroughly understanding and seeing that all aspects of this contingency plan are enforced.
 2. Responsible for implementing all phases of this contingency plan.
 3. Responsible for keeping a minimum of personnel on the location during expected hazardous operations.
 4. Responsible for coordinating all wellsite operations and communications in the event that an emergency condition develops.

5. Responsible for ensuring that all visitors receive an H₂S safety orientation. A visitor's log will be maintained as well as a list of all personnel on the location after drilling has progressed below the surface casing shoe.
6. Responsible for notifying the drilling office, public safety personnel, regulatory agencies, and the general public of the existence and location of an H₂S release. See Appendix A - List of Emergency Telephone Numbers.

III. Location Layout. Attach to this contingency plan, a plat of the area of exposure with the radius of exposure drawn in a complete circle around the wellsite. Entitle the plat "Appendix B", and include location of private dwellings or residential areas, public facilities such as schools, business locations, public roads or other similar areas where the public might reasonably be expected within the radius of exposure.

In Appendix C attach a sketch of the wellsite location indicating the following:

- A. The location of at least two pre-determined safe areas to assemble at in the event of an emergency. These locations will be located 45° to one another, at least 200 feet from the wellhead, and at least one area will be in the direction of the prevailing winds. The pre-determined safe areas for this well are:

Area #1: See Appendix C

Area #2: See Appendix C

- B. The location and type of all automatic H₂S atmospheric monitors. Exxon's policy is to always have one located on the bell nipple, rig floor, mud gas separator, and shale shaker. Indicate here any other additional H₂S detector locations for this well:

TYPE:

LOCATION:

See Appendix C

NOTE: In addition to the automatic H₂S detection equipment, several hand operated, colorimetric, tube-type H₂S detectors should be on location with a supply of detector tubes.

- C. The location and type of all air masks. Self-contained breathing apparatus for use by rig personnel for this well will be kept in the following locations:

TYPE: 2-30 Minute Air Packs

LOCATION: In each occupied trailer and

safety trailer (approx. 8-10).

Minimum of five breathing units.

Rig Floor.

NOTE: A resuscitator with a spare oxygen bottle shall be provided on location. (Breathing equipment should never be no more than "one breath away" from normal work areas).

The location and type of all cascade systems:

TYPE:

LOCATION: At primary briefing area

(Appendix C).

NOTE: Cascade and/or back-up equipment should be provided in safe areas.

- D. The location of at least two wind socks with streamers. The wind direction indicators for this well will be located at:

TYPE: Wind Socks @ LOCATION: 1) Access road to location (NW Quadrant)
2) SW Quadrant

NOTE: Wind socks with streamers will be attached to poles at least 8 feet above ground level and will be illuminated at night.

- E. The location of any other safety equipment used, such as flare guns or bug blowers:

TYPE: Flare Gun LOCATION: Exxon Representative's trailer
Ventilation Fan Below Rig Floor

NOTE: Sulfur dioxide detector tubes should be available for checking the sulfur dioxide level in the flare area when gas containing H₂S is being burned.

- F. The location of all telephones and/or means of communications. The communications for this well will be located at:

TYPE: LOCATION:
Exxon Representative's trailer at wellsite.

G. Warning Signs

1. "NO SMOKING" signs should be strategically located around the rig and rig location. The following locations are appropriate:
 - a. Doghouse.
 - b. Rig floor.
 - c. Substructure.
 - d. Lower landing of all stairs leading to rig floor.
 - e. Mud pits.
 - f. Shale shaker.
2. "POISON GAS" signs should also be placed at strategic points on the location. The following locations are appropriate:
 - a. All entrances leading to the location.
 - b. Lower landing of all stairs leading to rig floor.
 - c. All areas around substructure, including mud pits and shale shaker.
 - d. Various points along the perimeter of the radius of exposure to include the intersection of that perimeter and all public roads. NOTE: All warning signs should be black and yellow in color and of readable size at a reasonable distance.

IV. Operating Procedures. The following operating procedures will be utilized for drilling in areas with H₂S.

- A. Plan of operation for handling gas kicks and other drilling problems. Any gas kick will be controlled by using approved Exxon well control techniques. Upon evidence that ambient H₂S concentrations have reached 20 ppm, all non-essential personnel will be evacuated to pre-designated safe areas and those remaining will don self-contained breathing apparatus. Sufficient air bottles will be on location to provide refill air until a cascade breathing system is available. Personnel remaining on the rig floor will continue to control the well as the situation dictates until the area is safe to re-enter.

B. Proposed mud program.

DEPTH INTERVAL (Ft)	TYPE	WEIGHT (ppg)	FUNNEL VISC. (Sec/Qt)	MEAS. AT 120°F		WL (cc)	SOLIDS (%)	pH	CL- (ppm)
				PV (cp)	YP (lb/100 ft ²)				
0-3,850	Spud Mud	8.4-8.9	30-50	5-12	5-25	15-20	Native	10.5	--
3,850-11,250	LSND	8.8-9.4	35-75	7-20	10-25	10-12	1-6	10.5	

NOTE: If necessary, Exxon approved H₂S scavengers (zinc basic carbonate) may be used.

C. BOP equipment.

DEPTH INTERVAL	MCD SPEC.	COMMENT
3,850-11,250	Type II-C	H ₂ S Trim
11,250- TD	Type III-A	H ₂ S Trim

NOTE: Attached is a sketch of the BOP stack labeled "Appendix D". Ensure that all BOP equipment is trimmed for H₂S service.

D. Method and frequency of testing blowout preventers.

CASING STRING	INITIAL TEST PRESSURE		WEEKLY TEST PRESSURE
	Casing	BOP's	Top 100' of Casing BOP's
13-3/8"	3000	3000	2000 psi
9-5/8"	4000	4000	3500
7"	5000		

NOTE: Ensure that all tubular goods and drill pipe are suitable for H₂S operations.

1. Equipment will consist of a 5 function (minimum) hydraulic BOP control unit located a minimum of 100 feet upwind of the well bore with a remote station on the rig floor. The control unit shall have the minimum following features and/or capabilities:
 - a. Sufficient accumulator capacity to close all preventers and open the choke line valve and still have 1200 psi pressure when used with BOP stacks up to 3000 psi WP.
 - b. Sufficient accumulator capacity to cycle all preventers and the choke line valve and still have 1200 psi when used with BOP stacks with 5000 psi or greater WP.
 - c. Sufficient pump capacity to close the annular preventer on the drill pipe to be used and open the choke line valve and obtain 1200 psi on the manifold in two minutes or less.
 - d. Two different power sources and a minimum of two pumps required.
 - e. A connection on the manifold for an outside source of hydraulic pressure.

- f. A full opening block valve in the closing line of the annular preventer next to the preventer.
 - g. Working pressure of the manifold and control line piping equal to or greater than BOP stack working pressure up to a maximum of 5000 psi.
 - h. Pressure gauges indicating accumulator pressure and manifold pressure downstream of each regulator.
2. Hand wheels shall be installed on all hydraulically operated ram-type BOP's and valves.
 3. An upper kelly cock shall be installed above the kelly and a lower kelly cock (full-opening ball type safety valve) shall be installed below the kelly. Also, a full-opening ball type safety valve to fit each type of drill pipe in use shall be on the rig floor, in the open position, at all times.
 4. A box by pin nipple with Otis Type "N" profile shall be run in the drill pipe one to four joints above the drill collars while drilling. An Otis Type "N" locking mandrel with a Type "T" (stem and seat) injection safety valve to fit the above profile shall be available on the rig. The safety valve in Section C shall have an inside diameter greater than the outside diameter of the above plug.
 5. All turns or bends in the choke line, choke manifold, flare lines, or diverter lines will be targeted. Turns or bends upstream of the chokes will be targeted using only flanged or welded connections.
 6. Prior to installation all BOP equipment will be inspected by operator's representative. This inspection will include visual inspection of ring grooves, bonnet seals, connecting rods, and body bore and pressure testing of the opening and closing chambers to pressure limits approved by manufacturer.
 7. Annular preventers will be closed on a joint of pipe and tested to full working pressure upon initial installation or subsequent replacement of the packing element.
 8. All ram type preventers and hydraulically operated gate valves will be pressure tested to 200-300 psi and full working pressure upon installation.
 9. The full BOP stack will be pressure tested weekly and after each ram change to 200-300 psi and to the lower of the following maximums:
 - a. Required working pressure on ram type preventers.
 - b. 70% required WP on annular type preventers.
 - c. Wellhead working pressure.
 10. An operational test of the blowout preventers will be performed on each round trip, but no more than once each day. The annular and pipe ram preventers will be closed on pipe; the blind rams closed while out of the hole.
 11. A drilling crew proficiency test to perform the well shut-in procedure will be performed at least once each week with each crew.

E. Special Operations.

1. Drill stem tests. All drill stem tests will be limited entry or closed chamber type. A downhole safety valve will be used. Packer fluid will have a pH of 10.5 or higher. I.D. of drill pipe will be treated with a filming amine corrosion inhibitor before the test. Test will be conducted during daylight hours and will be reversed out before pulling the drill string. **NOTE:** Notify all necessary regulatory agencies before conducting any drill stem tests. (Refer to Appendix "A").
2. Coring. After a core has been cut, circulate bottoms up and monitor for H₂S. If hole conditions (and/or H₂S detectors) indicate potentially hazardous conditions, put breathing equipment on 10 stands before core barrel reaches the surface. Breathing equipment will be worn by all personnel while core barrel is pulled, broken out, and opened up, and until a safe atmosphere is indicated.

V. Operating Conditions. Operating conditions are defined in three categories. A description of each of these conditions and the required action to take are given below.

A. CONDITION I - NORMAL OPERATING CONDITIONS, POTENTIAL DANGER, OPERATIONS UNDER CONTROL

- Characterized by: Normal drilling operations and test operations in zones which contain or may contain H₂S.
- Warning flag: Yellow.
- Alarm: None.
- Probable occurrence: No detectable gas present at surface.
- General action:
- (1) Know location of safety equipment.
 - (2) Check safety equipment for proper functioning. Keep it available.
 - (3) Be alert for a condition change.
 - (4) Follow instructions of supervisor.

B. CONDITION II - POTENTIAL TO MODERATE DANGER TO LIFE

- Characterized by: H₂S gas present. Concentrations less than 20 ppm.
- Warning flag: Orange.
- Alarm: Flashing light at 10 ppm H₂S.
- Probable occurrence:
- (1) As drill gas.
 - (2) As trip gas when circulating bottoms up.
 - (3) When a core barrel is pulled.
 - (4) When a well kick is circulated out.
 - (5) Surface pressure, well flow or lost returns problems.
 - (6) Equipment failure during testing operations.

- General action:
- (1) Follow instructions of supervisor.
 - (2) Put on breathing equipment if directed, or if conditions warrant it.
 - (3) Stay in "SAFE BRIEFING AREA" if instructed, and not working to correct the problem.
 - (4) The Exxon Drilling Superintendent will initiate action to reduce the H₂S concentration to zero.

C. CONDITION III - MODERATE TO EXTREME DANGER TO LIFE

Characterized by: H₂S present in concentrations at or above 20 ppm. Critical well operations or well control problems. In the extreme, loss of well control.

Warning flag: Red.

Alarm: Flashing light and continuous blast on horn at 20 ppm H₂S.

- Probable occurrence:
- (1) As drill gas.
 - (2) As trip gas when circulating bottoms up.
 - (3) When a core barrel is pulled.
 - (4) When a well kick is circulated out.
 - (5) Surface pressure, well flow or lost returns problems.
 - (6) Equipment failure during testing operations.

- General action:
- (1) Put on breathing equipment. Move to "SAFE BRIEFING AREA" and remain there if not working to correct or control problems.
 - (2) Follow instructions of Exxon Drilling Superintendent or other supervisor.
 - (3) The Exxon Drilling Superintendent will initiate emergency action as provided in the contingency plan and as appropriate to the actual conditions. If testing operations are in progress, well will be shut-in.
 - (4) The Exxon Drilling Superintendent will conduct any necessary operations with an absolute minimum of personnel. All persons in the immediate hazard area will wear a self-contained breathing apparatus. All other personnel will restrict their movements to those directed by the Superintendent.
 - (5) If gas containing hydrogen sulfide is ignited, the burning hydrogen sulfide will be converted to sulfur dioxide which is poisonous.

VI. Emergency Procedures. The procedures listed below apply to drilling and testing operations.

- A. If at any time during Condition I, the mud logger, mud engineer, or any other person detects H₂S, he will notify the Exxon Drilling Superintendent. All personnel should keep alert to the Exxon Drilling Superintendent's orders. He will:
1. Immediately begin to ascertain the cause of the source of the H₂S and take steps to reduce the H₂S concentration to zero. This should include having the mud engineer run a sulfide and pH determination on the flowline mud if water-base mud is in use. If an oil-base mud is in use, the mud engineer should check the lime content of the mud.
 2. Order non-essential personnel out of the potential danger area.
 3. Order all personnel to check their safety equipment to see that it is working properly and in the proper location. Persons without breathing equipment will not be allowed to work in a hazard area.
 4. Notify the Contract Supervisor of condition and action taken.
 5. Increase gas monitoring activities (portable H₂S detectors) and continue operations with caution.
 6. Display the orange warning flag.
- B. If the H₂S concentration exceeds 20 ppm, the following steps will be taken:
1. Evacuate quickly to the "SAFE BRIEFING AREA" if instructed or conditions warrant.
 2. Put on breathing equipment.
 3. Help anyone who may be affected by gas.
 4. Driller - prepare to shut the well in.
 - a. Pick up pipe to get kelly out of BOP's.
 - b. Close BOP's if necessary.
 5. If testing operations are in progress, the well will be shut-in.
 6. Display the red warning flag.
- C. In the event a potentially hazardous volume of H₂S is released to the atmosphere, the following steps must be taken to alert the public:
1. Remove all rig personnel from the danger area and assemble at a pre-determined safe area, preferably upwind from the well site.
 2. Have personnel put on breathing equipment.
 3. Help anyone who may be affected by gas.

4. Secure rig, if possible.
5. Determine the cause or source of H₂S.
6. Alert the drilling office, public safety personnel, regulatory agencies, and the general public of the existence and location of an H₂S release. See Appendix A - List of Emergency Telephone Numbers.
7. Assign personnel to block any public road (and access road to location) at the boundary of the area of exposure. Any unauthorized people within the area should be informed that an emergency exists and be ordered to leave immediately.
8. Request assistance from public safety personnel to control traffic and/or evacuate people from the threatened area.
9. In the event of an uncontrolled emergency, a flare gun and shells will be provided to ignite the well. Normally, approval for the Exxon Drilling Superintendent to ignite the well would have to be given by Exxon Company management. However, in the event of an extreme emergency and management personnel could not be contacted, the Exxon Drilling Superintendent would be authorized to ignite the well.

VII. Training Program. All personnel associated with the drilling operations will receive training to insure efficient and correct action in all situations. This training will be in the general areas of (1) personnel safety, (2) rig operations, and (3) Exxon well control procedures.

A. Personnel Safety Training. All personnel shall have received H₂S training in the following areas:

1. Hazards and characteristics of H₂S.
2. Effect on metal components of the system.
3. Safety precautions.
4. Operation of safety equipment and life support systems.
5. Corrective action and shutdown procedures.

NOTE: While drilling through sour formations, H₂S drills will be conducted weekly for each tour.

B. Rig Operations. All rig personnel shall have received training in the following areas:

1. Well control procedures.
2. Layout and operations of the well control equipment.

NOTE: Proficiency will be developed through BOP drills which will be documented by the Exxon Drilling Superintendent.

C. Well Control Procedures. All Exxon employees will be required to have attended the Exxon (or equivalent) well control and blowout preventer equipment school within the past two years.

- D. Service Company Personnel. All service personnel shall have been trained by their employers in the hazards and characteristics of H₂S and the operations of safety equipment and life support systems.
- E. Visitors. All first time visitors to the location will be required to attend a safety orientation. The Exxon Drilling Superintendent shall be responsible for this orientation, and he shall see that every visitor is logged in correctly. NOTE: No more than fifteen people should be on location during normal drilling operations.
- F. Public. The public within the area of exposure shall be given an advance briefing by Exxon's Drilling Superintendent. This briefing must include the following elements.
1. Hazards and characteristics of hydrogen sulfide. It is an extremely dangerous gas. It is normally detectable by its "rotten-egg" odor, but odor is not a reliable means of detection because the sense of smell may be dulled or lost due to intake of the gas. It is colorless, transparent, and flammable. It is heavier than air and may accumulate in low places.
 2. The necessity of an emergency action plan. Due to the danger to persons exposed to hydrogen sulfide and the need for expeditious action should an emergency occur, this action plan will be put into effect if and when a leak occurs.
 3. The location of hydrogen sulfide within the area of exposure. At the drilling location.
 4. The manner in which the public will be notified of an emergency. By telephone or personal contact.
 5. Steps to be taken in case of an emergency.
 - a. Abandon danger area.
 - b. Notify necessary agencies and request assistance for controlling traffic and evacuating people.

HDC/dhd

APPENDIX A

EMERGENCY TELEPHONE LIST

Northern Drilling Organization
(Exxon Information 683-0100, 7:30 am - 4:30 pm M-F)

A. EXXON PERSONNEL

1. Drilling Superintendents:

2. Drilling Operations Superintendents: J. D. Howell Home: 682-6106
Work: 686-4359

T. D. Mixon Home: 686-9262
Work: 686-4734

R. W. Moore Home: 699-6565
Work: 686-4360

** Primary responsibility*

* A. L. Sossaman Home: 682-7103
Work: 686-4352

3. Division Drilling Manager: J. P. Clement III Home: 686-4355
Work: 686-4355

4. Drilling Engineering Manager: M. J. Wirsch Home: 362-8857
Work: 686-4358

5. Supervising Drilling Engineer: J. S. Sheffield Home: 686-2232
Work: 686-4310

6. Drilling Engineer: M. A. McStravick Home: 684-7144
Work: 686-4342

B. MEDICAL PERSONNEL

1. Ambulance(s): Emergency #911 - Randolph, UT
(801) 752-4110 - Logan, UT

2. Hospital(s): (801) 793-2975 - Randolph, Rich Co., Health Clinic
(801) 752-2050 - Logan - Hospital

3. Doctor(s): See Above

C. FIREFIGHTING AND PUBLIC SAFETY PERSONNEL

1. Fire Department(s): (801) 752-3060 - Logan, UT

2. Police Department(s): (801) 752-8160 - Logan, UT

3. County Sheriff: (801) 793-2285 - Randolph, UT - Rich County

4. State Police:

Appendix A
Emergency Telephone List Continued

D. GOVERNMENT AGENCIES

- | | | |
|---|----------------|--------------------|
| 1. Utah State Department of National Resources, Division of Oil & Gas | (801) 533-5771 | Salt Lake City, UT |
| 2. MMS | (801) 524-4590 | Salt Lake City, UT |
| 3. MMS - Vernal Inspection Office | (801) 789-5236 | |

E. SERVICE COMPANIES*

- | | | |
|--|-------------------------------------|--|
| 1. Pump Truck(s): | Halliburton - Evanston, WY | |
| | (307) 789-3932 | |
| 2. Dirt Contractor(s): | Casada Construction - Vernal, UT | |
| | (801) 789-1020 | |
| 3. Roustabout Crew(s): | C&U Roustabout Inc., Evanston, WY | |
| | (307) 789-4240 | |
| 4. H ₂ S Service Companies: | B.G.F. Drill-Safe Inc. Evanston, WY | |
| | (307) 789-9219 | |
| 5. Drilling Contractor: | Has Not Been Bid Out Yet. | |
| 6. Others: | | |

* The companies named above will not be used exclusively and a final decision to use them has not been made.

NOTE: All entries should be made in the following manner: NAME-PHONE-LOCATION

F. The following residents and/or responsible parties for occupied public areas within the area of exposure must be notified and instructed to leave the area when a potentially hazardous hydrogen sulfide leak occurs:

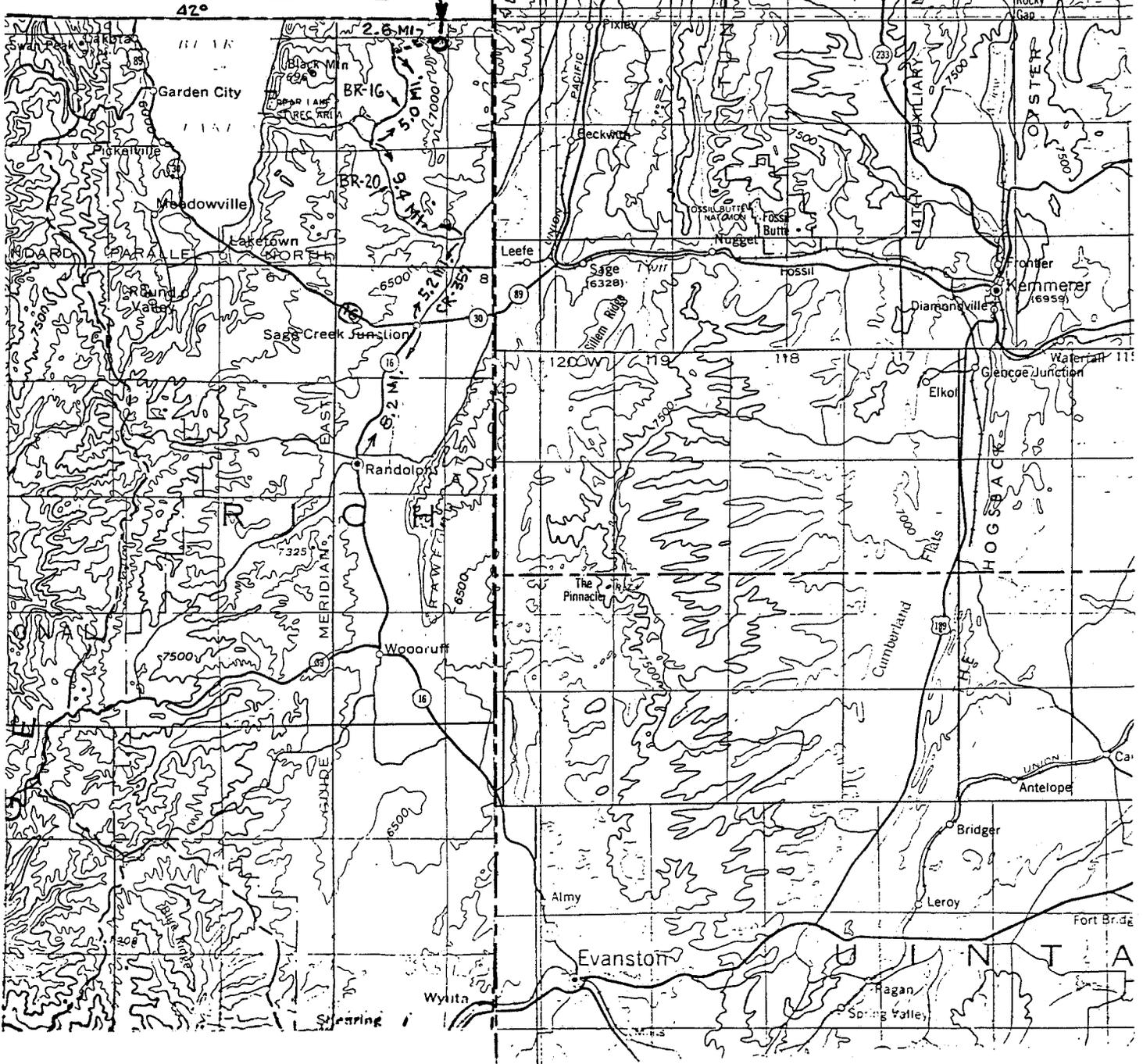
#	NAME	TELEPHONE NO.	(A)	(B)
1.	There are not any ^{Permanent} residences in the area of exposure.			
2.				
3.				
4.				
5.				
6.				
7.				
8.				

Appendix A
Emergency Telephone List Continued

	NAME	TELEPHONE NO.	(A)	(B)
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(A) Check when briefed as per Section VII, F.
(B) Check when notified of emergency.

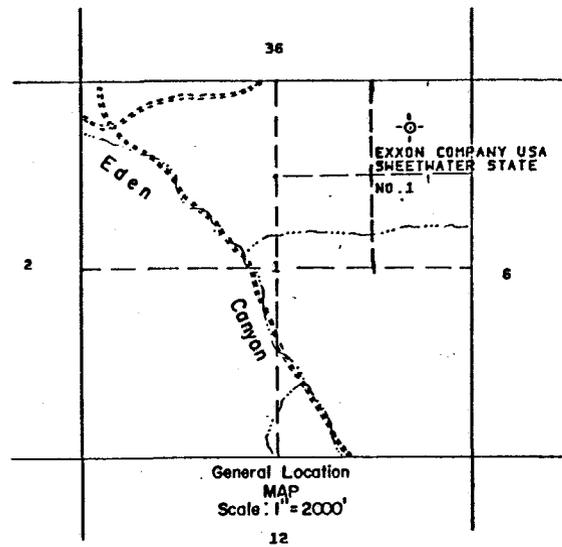
LOCATION



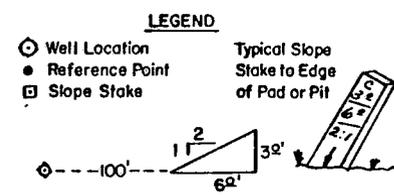
AREA MAP

SWEETWATER ST. # 1
SEC. 1; T-14-N; R-7-E
RICH CO., UTAH
SCALE: 1" = 8 MI. ±

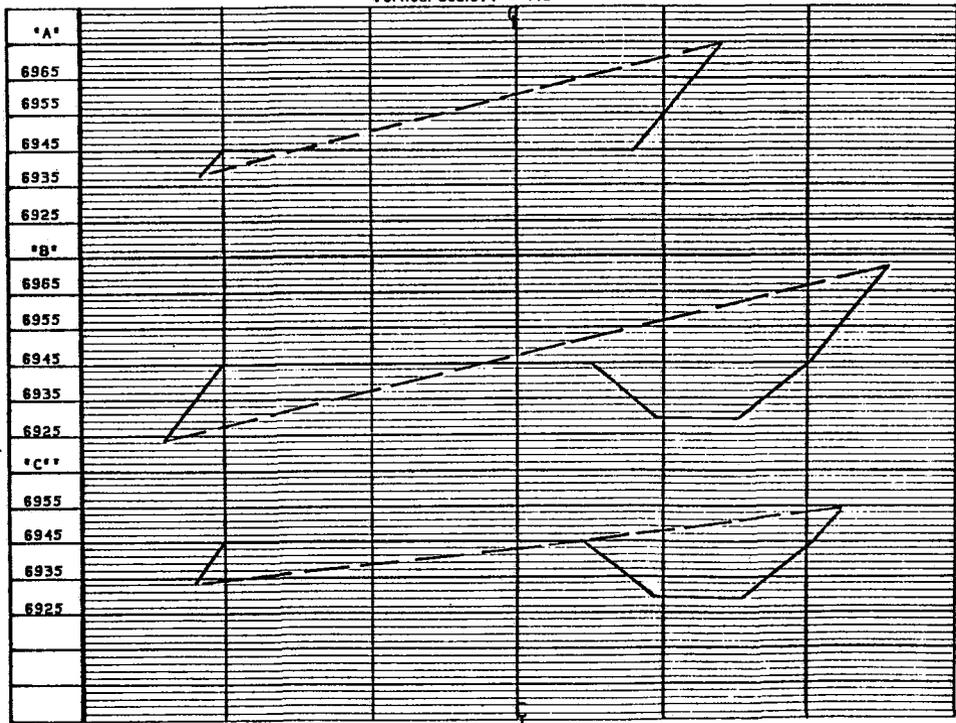
ATTACHMENT C



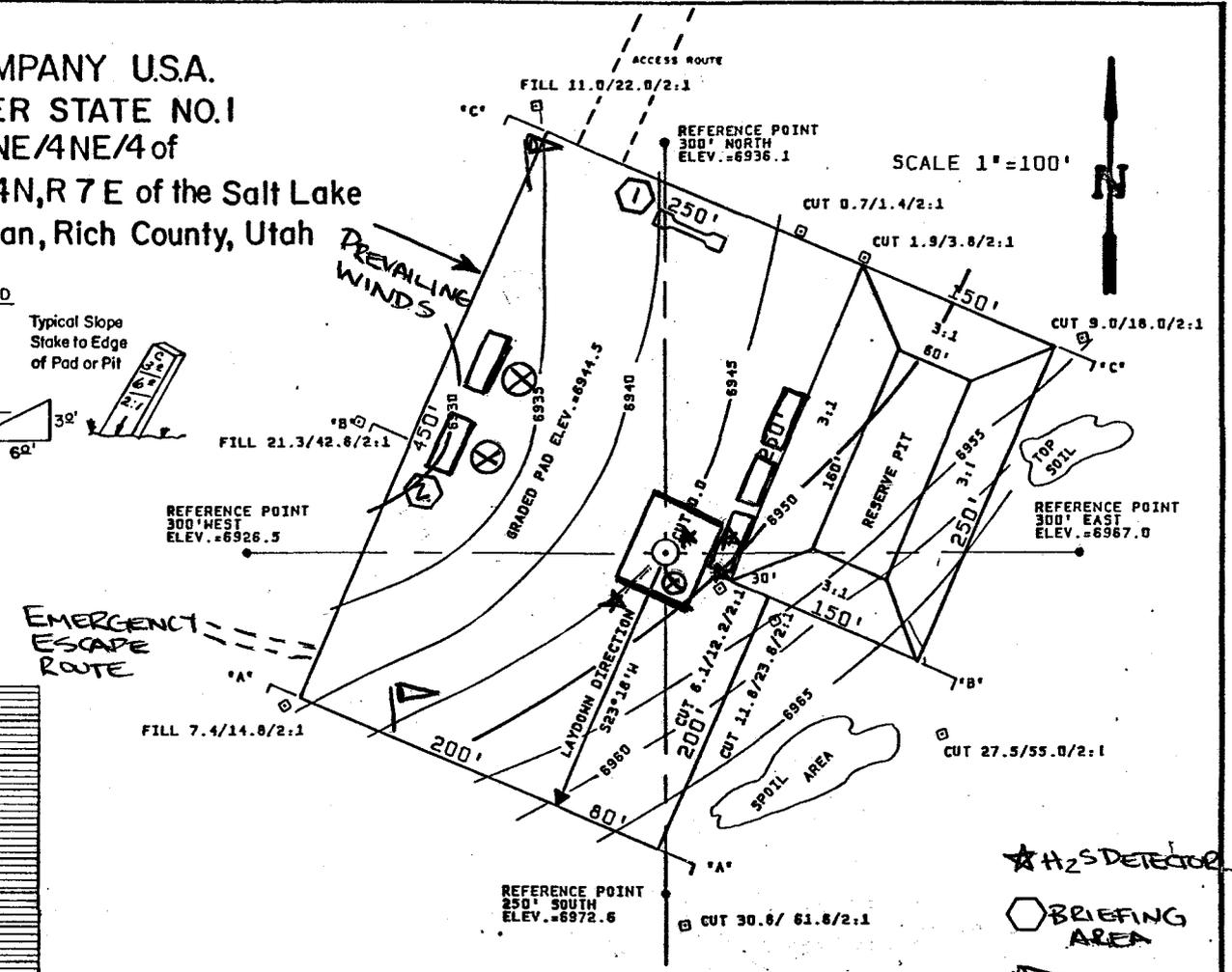
EXXON COMPANY U.S.A.
SWEETWATER STATE NO.1
 Located in the NE/4NE/4 of
 Section 1, T14N, R7E of the Salt Lake
 Base & Meridian, Rich County, Utah



Cross Sections of Laydown Direction & Reserve Pit
 Horizontal Scale: 1" = 100'
 Vertical Scale: 1" = 40'



PAD



Total Yardage

Cut =	45,159	Cu. Yds.
Fill =	24,292	Cu. Yds.
Spoil pile =	15,108	Cu. Yds.
Top soil =	5,778	Cu. Yds.

Reserve pit capacity = 42,982 Barrels at 12' depth.
 RESERVE PIT WILL BE EXCAVATED TO A 15' DEPTH TO PROVIDE 3' FREEBOARD.

★ H₂S DETECTOR
 ○ BRIEFING AREA
 ▲ WIND SOCK
 □ CASCADE SYSTEM
 □ FIRST AID
 □ RESUSCITATOR

MAP

To Accompany Application For PERMIT TO DRILL Applicant:

EXXON COMPANY, USA
 P.O. BOX 1600
 MIDLAND, TEXAS 79702

Prepared By
 William H. Smith & Associates P.C.
 Surveying Consultants

BLOWOUT PREVENTER SPECIFICATION
EQUIPMENT DESCRIPTION

TYPE II-C

All equipment should be at least 3000 psi WP or higher unless otherwise specified.

1. Bell nipple.
2. Hydril or Shaffer bag type preventer.
3. Ram type pressure operated blowout preventer with blind rams.
- * 4. Flanged spool with one 4-inch and one 2-inch (minimum) outlet.
5. 2-inch (minimum) flanged plug or gate valve.
6. 2-inch by 2-inch by 2-inch (minimum) flanged tee.
7. 4-inch pressure operated gate valve.
8. 4-inch flanged gate or plug valve.
- * 9. Ram type pressure operated blowout preventer with pipe rams.
10. Flanged type casing head with one side outlet (furnished by Exxon).
11. 2-inch threaded (or flanged) plug or gate valve (furnished by Exxon).
Flanged on 5000# WP, threaded on 3000# WP or less.
12. Needle valve (furnished by Exxon).
13. 2-inch nipple (furnished by Exxon).
14. Tapped bull plug (furnished by Exxon).
15. 4-inch flanged spacer spool.
16. 4-inch by 2-inch by 2-inch by 2-inch flanged cross.
17. 2-inch flanged plug or gate valve.
18. 2-inch flanged adjustable choke.
19. 2-inch threaded flange.
20. 2-inch XXH nipple.
21. 2-inch forged steel 90° Ell.
22. Cameron (or equal.) threaded pressure gage.
23. Threaded flange.

35. 2-inch flanged tee.
36. 3-inch (minimum) hose. (Furnished by Exxon).
37. Trip tank. (Furnished by Exxon).
38. 2-inch flanged plug or gate valve.
39. 2-1/2-inch pipe, 300' to pit, anchored.
40. 2-1/2-inch SE valve.
41. 2-1/2-inch line to steel pit or separator.
42. Manual control for BOP's.

NOTES:

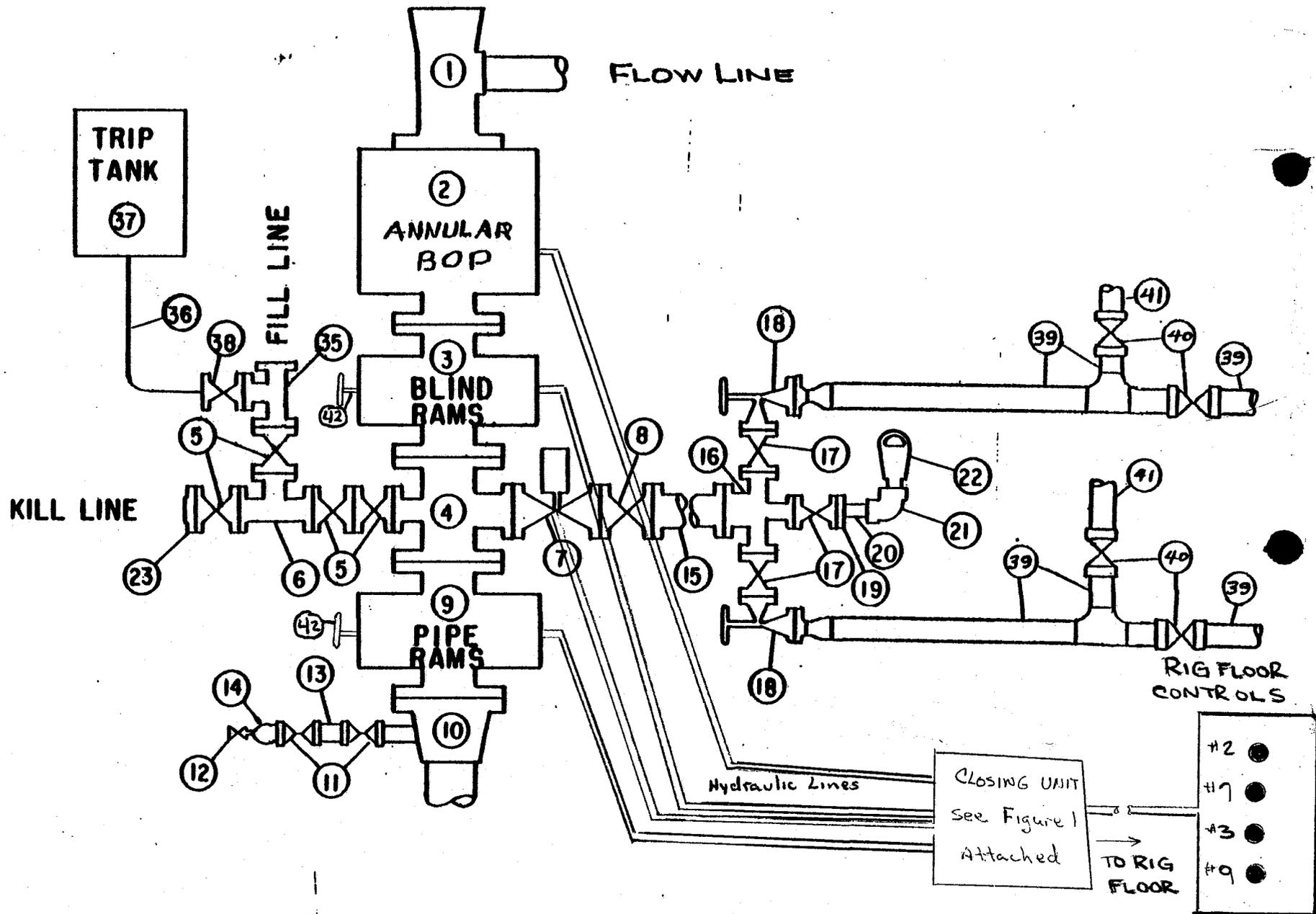
1. Items 3, 4 and 9 may be replaced with double ram type preventer with side outlets between the rams.
2. The two valves next to the stack on the fill and kill line to be closed unless drill string is being pulled.
3. Kill line is for emergency use only. This connection shall not be used for filling.
4. Replacement pipe rams and blind rams shall be on location at all times.
5. Only type U, LWS and QRC ram type preventers with secondary seals are acceptable for 5000 psi WP and higher BOP stacks.
6. Type E ram-type BOP's with factory modified side outlets may be used on 3000 psi or lower WP BOP stacks.

* NOTE: Flanged spool & single ram preventer could be replaced by a double ram preventer with side outlets between the rams. I-11

MIDLAND DRILLING ORGANIZATION

BLOWOUT PREVENTER SPECIFICATION

TYPE II - C



9/15/73

TYPE III-A

All equipment shall be at least 5,000 psi WP or higher unless otherwise specified.

1. Rotating type BOP, 3,000 psi minimum WP.
2. Hydril or Shaffer bag type preventer.
3. Ram type pressure operated preventer with pipe rams. Use large size pipe rams when drilling with a tapered string. Use blind rams when drilling with a tapered string and formation is overbalanced.
4. Flanged spool with two 4-inch side outlets.
5. 4-inch flanged plug or gate valve.
6. 4-inch flanged tee.
7. 4-inch flanged plug or gate valve.
8. 4-inch flanged pressure operated gate valve.
- * 9. Ram type pressure operated preventer with blind rams. Use small size pipe rams when drilling with a tapered drill string.
- * 10. Ram type pressure operated preventer with pipe rams. Use large size pipe rams when drilling with tapered string.
11. Flanged type casing head (furnished by Exxon).
12. 2-inch flanged plug or gate valves (furnished by Exxon).
13. 2-inch threaded flange (furnished by Exxon).
14. 2-inch tapped bull plug (furnished by Exxon).
15. Needle valve (furnished by Exxon).
16. 4-inch flanged spacer spool.
17. 4-inch by 2-inch flanged cross.
18. 2-inch flanged plug or gate valve.
19. 2-inch flanged adjustable choke. Replace with flanged 2-inch tee if a remote controlled choke is installed downstream.
20. 4-inch x 4-inch spacer flange w/1-inch tap.
21. 1-inch x 4-inch XXH nipple.
22. 1-inch valve.
23. Cameron (or equal.) 0-6000 psi gage.
24. 2-inch flanged spacer spool.
25. 6-inch or 4-inch pipe, 300' to pit, anchored.
26. 2-1/2-inch line to separator.
27. 2-inch weld neck flange.
28. 2-1/2-inch x 2-inch sch. 80 concentric weld reducer.
29. 2-1/2-inch pipe.
30. Pressure operated adjustable choke (furnished by Exxon).
31. 2-1/2-inch S.E. gate valve.
32. 2-1/2-inch tee.
33. 2-1/2-inch pipe, 300' to pit, anchored.
34. 2-inch threaded flange (EUE) or weld neck flange w/Weco Fig. 1502 2" 15,000 psi free flow buttress weld wing union.
35. 4-inch flanged tee.
36. 3-inch (minimum) hose. (Furnished by Exxon).
37. Trip tank. (Furnished by Exxon).
38. 6-inch 3,000 psi minimum WP manual or pressure operated gate valve.
39. Manual control for BOP's.

NOTES:

1. Items 9 and 10 may be replaced with double ram type preventer. Any side outlets shall be double valved or blind flanged.
2. Only type U, LWS and QRC ram type preventers with secondary seals are acceptable.
3. The two valves next to the stack on the kill and fill line to be closed unless string is being pulled.
4. Kill line is for emergency use only. This connection shall not be used for filling.
5. Replacement rams for each size drill pipe in use and blind rams shall be on location at all times.

Revised 6/14/74

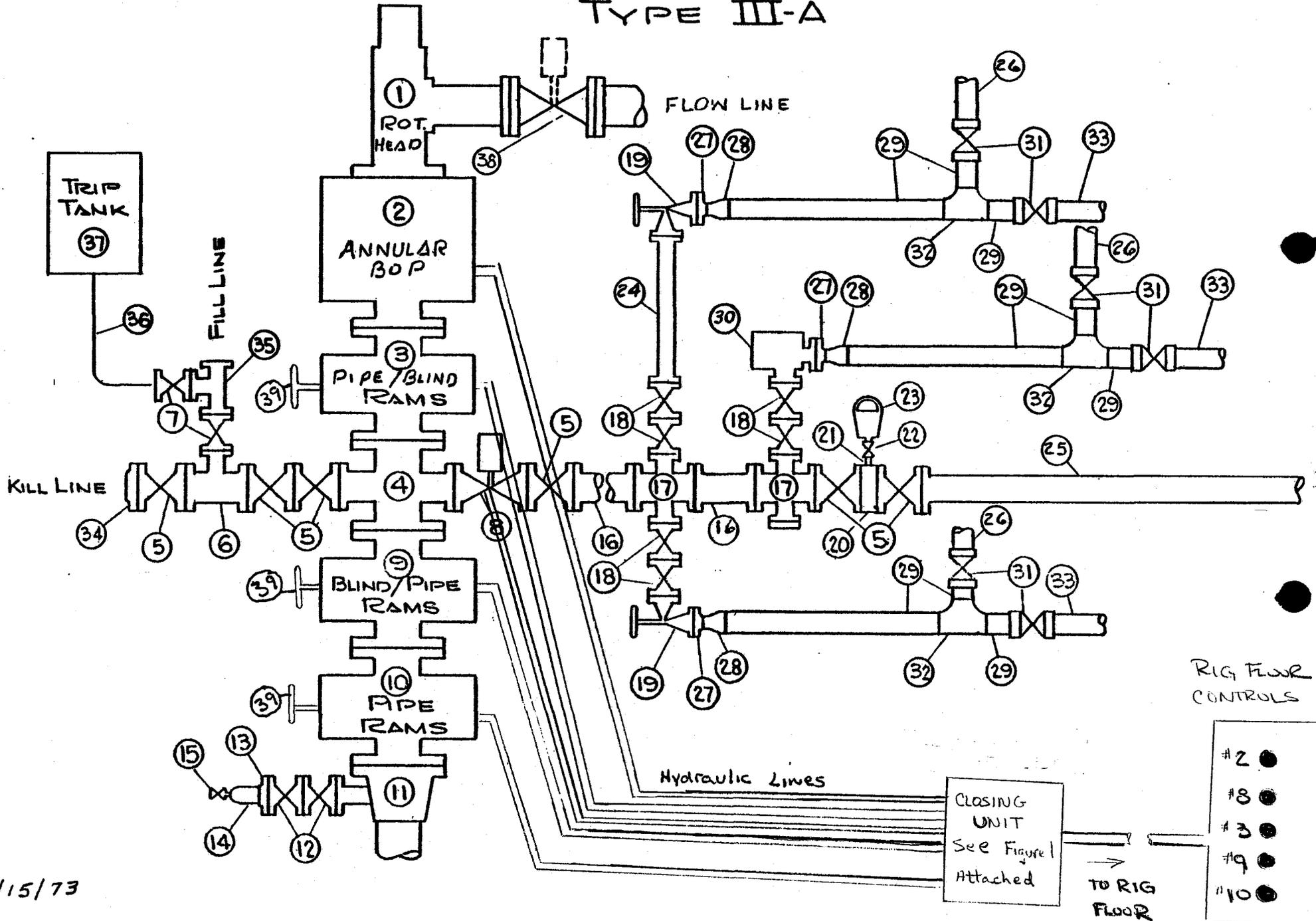
I-13

* NOTE: Double ram preventers may be used in lieu of the two single ram preventers.

MIDLAND DRILLING ORGANIZATION

BLOWOUT PREVENTER SPECIFICATION

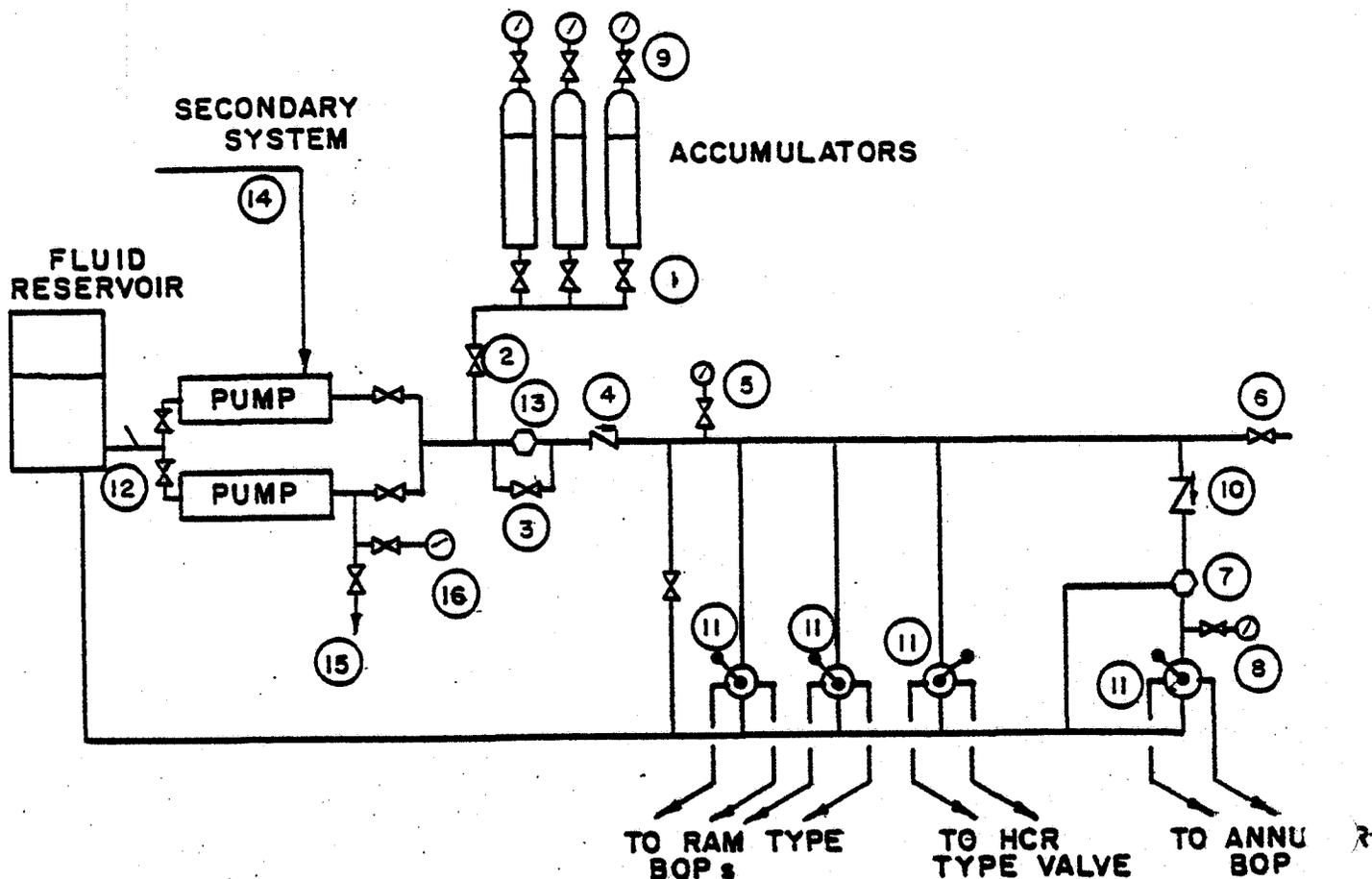
TYPE III-A



21-I

9/15/73

ACCEPTABLE BOP CLOSING UNIT ARRANGEMENT

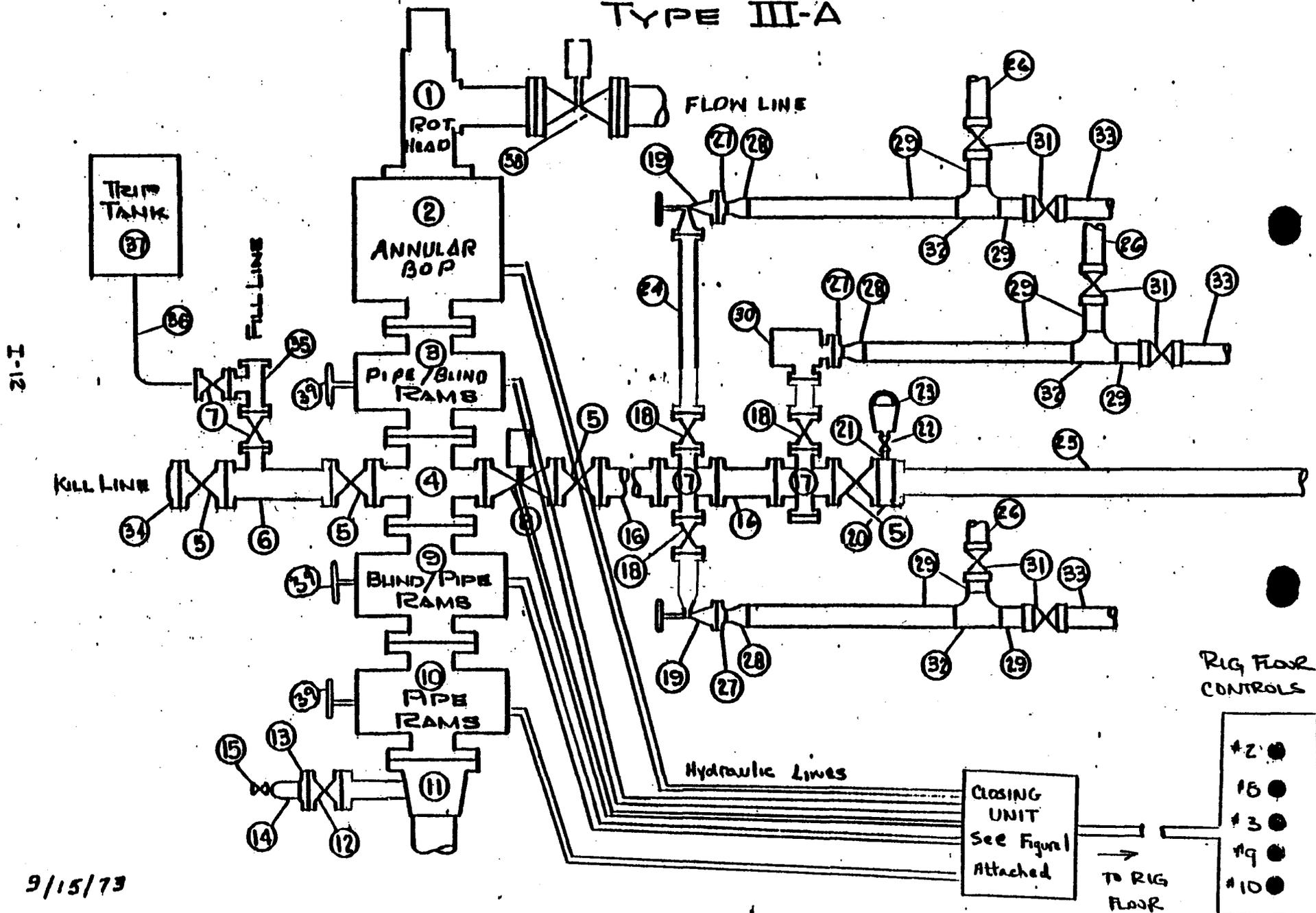


1. Full opening valve to isolate each accumulator bottle from the accumulator system.
2. Full opening valve to isolate the accumulator system from the closing unit manifold.
3. Bypass line with full opening valve to provide full accumulator pressure to the closing unit manifold. This line and valve are required when a regulator is used to control operating pressure on the ram preventers.
4. Check valve to isolate both the pumps and the accumulator system from the closing unit manifold.
5. Accurate pressure gage to measure closing unit manifold pressure upstream of the Pressure Regulating Valve.
6. Full opening valve to provide connection for another pump.
7. Pressure Regulating Valve to permit regulation of operating pressure on the annular preventer from zero to 1500 psi.
8. Accurate pressure gage to measure the operating pressure downstream of the Pressure Regulating Valve.
9. Necessary fittings and pressure gages to permit measurement of the accumulator pressure at all times.
10. Check valve to isolate the annular preventer regulator from the closing unit manifold.
11. 4-way valves. If Cameron Ramloc 4-way valves are used, remove the check valve from the annular preventer's valve.
12. Pump suction strainer equipped with a good screen.
13. Pressure regulator valve to maintain a maximum pressure of 1500 psi on manifold if pumps and accumulators are operated at higher pressures.
14. A secondary power of electricity or air.
15. Line to floor for testing BOP equipment.
16. Accurate pressure gage to observe test pressure.

MIDLAND DRILLING ORGANIZATION

BLOWOUT PREVENTER SPECIFICATION

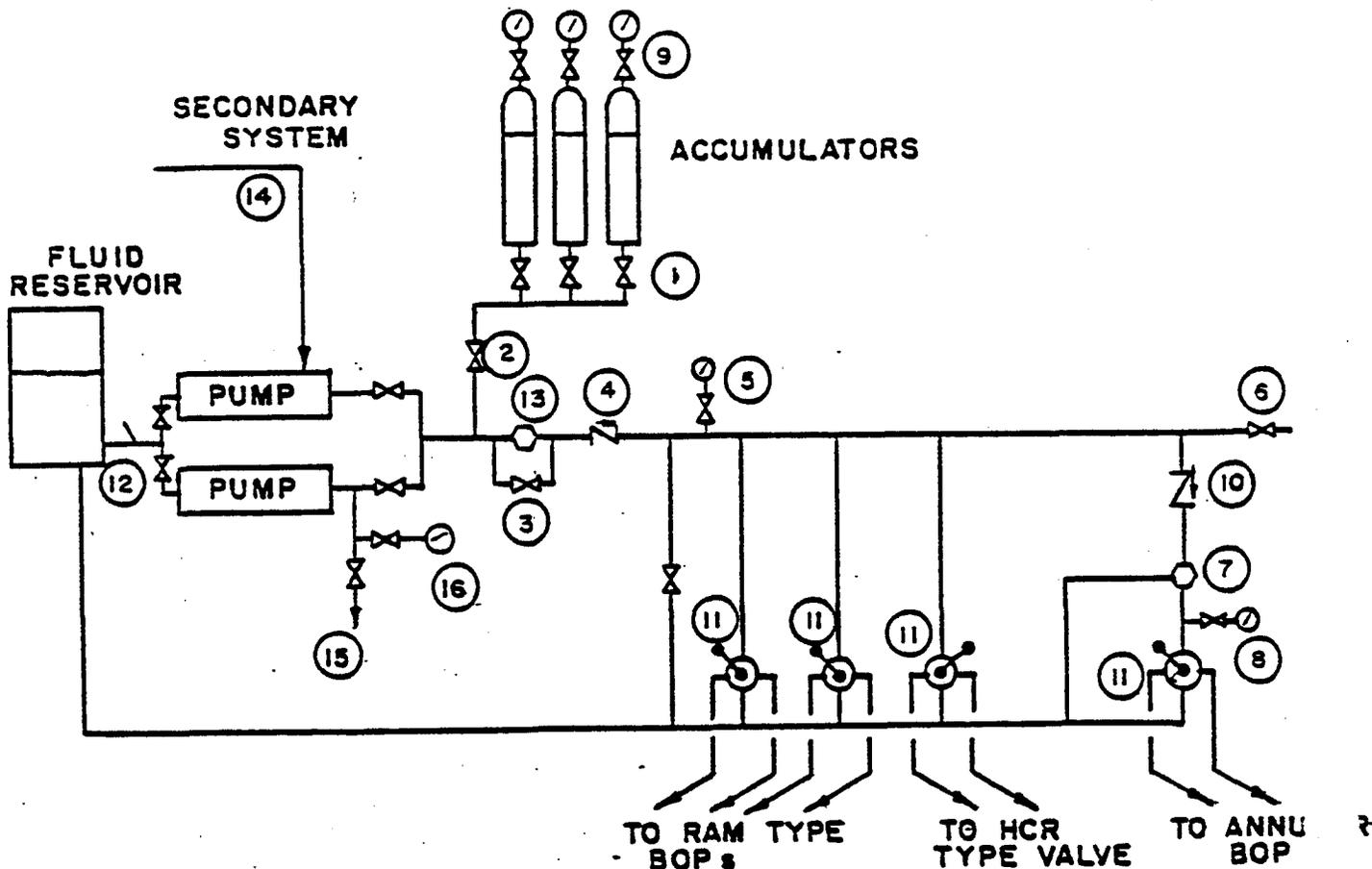
TYPE III-A



21-1

9/15/79

ACCEPTABLE BOP CLOSING UNIT ARRANGEMENT



1. Full opening valve to isolate each accumulator bottle from the accumulator system.
2. Full opening valve to isolate the accumulator system from the closing unit manifold.
3. Bypass line with full opening valve to provide full accumulator pressure to the closing unit manifold. This line and valve are required when a regulator is used to control operating pressure on the ram preventers.
4. Check valve to isolate both the pumps and the accumulator system from the closing unit manifold.
5. Accurate pressure gage to measure closing unit manifold pressure upstream of the Pressure Regulating Valve.
6. Full opening valve to provide connection for another pump.
7. Pressure Regulating Valve to permit regulation of operating pressure on the annular preventer from zero to 1500 psi.
8. Accurate pressure gage to measure the operating pressure downstream of the Pressure Regulating Valve.
9. Necessary fittings and pressure gages to permit measurement of the accumulator pressure at all times.
10. Check valve to isolate the annular preventer regulator from the closing unit manifold.
11. 4-way valves. If Cameron Ramloc 4-way valves are used, remove the check valve from the annular preventer's valve.
12. Pump suction strainer equipped with a good screen.
13. Pressure regulator valve to maintain a maximum pressure of 1500 psi on manifold if pumps and accumulators are operated at higher pressures.
14. A secondary power of electricity or air.
15. Line to floor for testing BOP equipment.
16. Accurate pressure gage to observe test pressure.

EXXON COMPANY, U.S.A.
Midcontinent Division
Midland Drilling Organization

H₂S CONTINGENCY PLAN

DATE: August 26, 1983
WELL NAME: Sweetwater State #1 PROJECTED TD: 10,100
LOCATION: Section 1, T14N, R7E
Rich County, Utah

FIELD/PROSPECT NAME: _____

H₂S FORMATION:

Phosphoria DEPTH: 8093* CONC: _____ PPM 100 PPM RADIUS OF EXPOSURE: _____
Madison DEPTH: 10921* CONC: 170,000 PPM 100 PPM RADIUS OF EXPOSURE: 13,648'*
DEPTH: _____ CONC: _____ PPM 100 PPM RADIUS OF EXPOSURE: _____

*Based on equation: $X = [(1.589)(\text{PPM H}_2\text{S})(Q - M^2 \text{cf/day})]^{.6258}$

- I. Introduction. The objective of this contingency plan is to provide an organized plan of action for alerting and protecting the public from H₂S exposure in the event a potentially hazardous volume is accidentally released to the atmosphere. This plan should be activated immediately if any such release occurs. Exxon's Drilling Superintendent is responsible for initiating and carrying out the plan. NOTE: Full compliance of the precautionary measures outlined in this plan will be implemented no less than 1,000 feet above the first H₂S formation encountered.
- II. Individual Responsibilities. It is the responsibility of the Exxon Drilling Superintendent to see that all personnel on the location familiarize themselves with the procedures outlined in this contingency plan.
- A. All personnel:
1. Responsible for his assigned safety equipment.
 2. Responsible for familiarizing himself with the location of all safety equipment.
 3. Responsible for reporting any indications of H₂S to those in the area and to a supervisor.
- B. Drilling Superintendent:
1. Responsible for thoroughly understanding and seeing that all aspects of this contingency plan are enforced.
 2. Responsible for implementing all phases of this contingency plan.
 3. Responsible for keeping a minimum of personnel on the location during expected hazardous operations.
 4. Responsible for coordinating all wellsite operations and communications in the event that an emergency condition develops.

5. Responsible for ensuring that all visitors receive an H₂S safety orientation. A visitor's log will be maintained as well as a list of all personnel on the location after drilling has progressed below the surface casing shoe.
6. Responsible for notifying the drilling office, public safety personnel, regulatory agencies, and the general public of the existence and location of an H₂S release. See Appendix A - List of Emergency Telephone Numbers.

III. Location Layout. Attach to this contingency plan, a plat of the area of exposure with the radius of exposure drawn in a complete circle around the wellsite. Entitle the plat "Appendix B", and include location of private dwellings or residential areas, public facilities such as schools, business locations, public roads or other similar areas where the public might reasonably be expected within the radius of exposure.

In Appendix C attach a sketch of the wellsite location indicating the following:

- A. The location of at least two pre-determined safe areas to assemble at in the event of an emergency. These locations will be located 45° to one another, at least 200 feet from the wellhead, and at least one area will be in the direction of the prevailing winds. The pre-determined safe areas for this well are:

Area #1: See Appendix C

Area #2: See Appendix C

- B. The location and type of all automatic H₂S atmospheric monitors. Exxon's policy is to always have one located on the bell nipple, rig floor, mud gas separator, and shale shaker. Indicate here any other additional H₂S detector locations for this well:

TYPE: LOCATION:

See Appendix C

NOTE: In addition to the automatic H₂S detection equipment, several hand operated, colormetric, tube-type H₂S detectors should be on location with a supply of detector tubes.

- C. The location and type of all air masks. Self-contained breathing apparatus for use by rig personnel for this well will be kept in the following locations:

TYPE: 2-30 Minute Air Packs LOCATION: In each occupied trailer and safety trailer (approx. 8-10).

Minimum of five breathing units. Rig Floor.

NOTE: A resuscitator with a spare oxygen bottle shall be provided on location. (Breathing equipment should never be no more than "one breath away" from normal work areas).

The location and type of all cascade systems:

TYPE: LOCATION: At primary briefing area
(Appendix C).

NOTE: Cascade and/or back-up equipment should be provided in safe areas.

B. Proposed mud program.

DEPTH INTERVAL (Ft)	TYPE	WEIGHT (ppg)	FUNNEL VISC. (Sec/Qt)	MEAS. AT 120°F		WL (cc)	SOLIDS (%)	pH	CL- (ppm)
				PV (cp)	YP (lb/100 ft ²)				
0-2000	Spud Mud	8.4-8.9	30-50	5-12	5-25	15-20	Native	10.5	--
2000-TD	LSND	8.8-9.4	35-75	7-20	10-25	10-12	1-6	10.5	

NOTE: If necessary, Exxon approved H₂S scavengers (zinc basic carbonate) may be used.

C. BOP equipment.

DEPTH INTERVAL	MCD SPEC.	COMMENT
2000-TD	Type III-A	H ₂ S Trim

NOTE: Attached is a sketch of the BOP stack labeled "Appendix D". Ensure that all BOP equipment is trimmed for H₂S service.

D. Method and frequency of testing blowout preventers.

CASING STRING	INITIAL TEST PRESSURE		WEEKLY TEST PRESSURE
	Casing	BOP's	Top 100' of Casing BOP's
13-3/8"	2000	3000	2000 psi
9-5/8"	4000	5000	3500
7"	5000		

NOTE: Ensure that all tubular goods and drill pipe are suitable for H₂S operations.

1. Equipment will consist of a 5 function (minimum) hydraulic BOP control unit located a minimum of 100 feet upwind of the well bore with a remote station on the rig floor. The control unit shall have the minimum following features and/or capabilities:
 - a. Sufficient accumulator capacity to close all preventers and open the choke line valve and still have 1200 psi pressure when used with BOP stacks up to 3000 psi WP.
 - b. Sufficient accumulator capacity to cycle all preventers and the choke line valve and still have 1200 psi when used with BOP stacks with 5000 psi or greater WP.
 - c. Sufficient pump capacity to close the annular preventer on the drill pipe to be used and open the choke line valve and obtain 1200 psi on the manifold in two minutes or less.
 - d. Two different power sources and a minimum of two pumps required.
 - e. A connection on the manifold for an outside source of hydraulic pressure.

- f. A full opening block valve in the closing line of the annular preventer next to the preventer.
 - g. Working pressure of the manifold and control line piping equal to or greater than BOP stack working pressure up to a maximum of 5000 psi.
 - h. Pressure gauges indicating accumulator pressure and manifold pressure downstream of each regulator.
2. Hand wheels shall be installed on all hydraulically operated ram-type BOP's and valves.
 3. An upper kelly cock shall be installed above the kelly and a lower kelly cock (full-opening ball type safety valve) shall be installed below the kelly. Also, a full-opening ball type safety valve to fit each type of drill pipe in use shall be on the rig floor, in the open position, at all times.
 4. A box by pin nipple with Otis Type "N" profile shall be run in the drill pipe one to four joints above the drill collars while drilling. An Otis Type "N" locking mandrel with a Type "T" (stem and seat) injection safety valve to fit the above profile shall be available on the rig. The safety valve in Section C shall have an inside diameter greater than the outside diameter of the above plug.
 5. All turns or bends in the choke line, choke manifold, flare lines, or diverter lines will be targeted. Turns or bends upstream of the chokes will be targeted using only flanged or welded connections.
 6. Prior to installation all BOP equipment will be inspected by operator's representative. This inspection will include visual inspection of ring grooves, bonnet seals, connecting rods, and body bore and pressure testing of the opening and closing chambers to pressure limits approved by manufacturer.
 7. Annular preventers will be closed on a joint of pipe and tested to full working pressure upon initial installation or subsequent replacement of the packing element.
 8. All ram type preventers and hydraulically operated gate valves will be pressure tested to 200-300 psi and full working pressure upon installation.
 9. The full BOP stack will be pressure tested weekly and after each ram change to 200-300 psi and to the lower of the following maximums:
 - a. Required working pressure on ram type preventers.
 - b. 70% required WP on annular type preventers.
 - c. Wellhead working pressure.
 10. An operational test of the blowout preventers will be performed on each round trip, but no more than once each day. The annular and pipe ram preventers will be closed on pipe; the blind rams closed while out of the hole.
 11. A drilling crew proficiency test to perform the well shut-in procedure will be performed at least once each week with each crew.

E. Special Operations.

1. Drill stem tests. All drill stem tests will be limited entry or closed chamber type. A downhole safety valve will be used. Packer fluid will have a pH of 10.5 or higher. I.D. of drill pipe will be treated with a filming amine corrosion inhibitor before the test. Test will be conducted during daylight hours and will be reversed out before pulling the drill string. NOTE: Notify all necessary regulatory agencies before conducting any drill stem tests. (Refer to Appendix "A").
2. Coring. After a core has been cut, circulate bottoms up and monitor for H₂S. If hole conditions (and/or H₂S detectors) indicate potentially hazardous conditions, put breathing equipment on 10 stands before core barrel reaches the surface. Breathing equipment will be worn by all personnel while core barrel is pulled, broken out, and opened up, and until a safe atmosphere is indicated.

V. Operating Conditions. Operating conditions are defined in three categories. A description of each of these conditions and the required action to take are given below.

A. CONDITION I - NORMAL OPERATING CONDITIONS, POTENTIAL DANGER, OPERATIONS UNDER CONTROL

Characterized by: Normal drilling operations and test operations in zones which contain or may contain H₂S.

Warning flag: Yellow.

Alarm: None.

Probable occurrences: No detectable gas present at surface.

General action: (1) Know location of safety equipment.
(2) Check safety equipment for proper functioning. Keep it available.
(3) Be alert for a condition change.
(4) Follow instructions of supervisor.

B. CONDITION II - POTENTIAL TO MODERATE DANGER TO LIFE

Characterized by: H₂S gas present. Concentrations less than 20 ppm.

Warning flag: Orange.

Alarm: Flashing light at 10 ppm H₂S.

Probable occurrence: (1) As drill gas.
(2) As trip gas when circulating bottoms up.
(3) When a core barrel is pulled.
(4) When a well kick is circulated out.
(5) Surface pressure, well flow or lost returns problems.
(6) Equipment failure during testing operations.

General acti

- (1) Follow instructions of supervisor.
- (2) Put on breathing equipment if directed, or if conditions warrant it.
- (3) Stay in "SAFE BRIEFING AREA" if instructed, and not working to correct the problem.
- (4) The Exxon Drilling Superintendent will initiate action to reduce the H₂S concentration to zero.

C. CONDITION III - MODERATE TO EXTREME DANGER TO LIFE

Characterized by: H₂S present in concentrations at or above 20 ppm. Critical well operations or well control problems. In the extreme, loss of well control.

Warning flag: Red.

Alarm: Flashing light and continuous blast on horn at 20 ppm H₂S.

Probable occurrences:

- (1) As drill gas.
- (2) As trip gas when circulating bottoms up.
- (3) When a core barrel is pulled.
- (4) When a well kick is circulated out.
- (5) Surface pressure, well flow or lost returns problems.
- (6) Equipment failure during testing operations.

General action:

- (1) Put on breathing equipment. Move to "SAFE BRIEFING AREA" and remain there if not working to correct or control problems.
- (2) Follow instructions of Exxon Drilling Superintendent or other supervisor.
- (3) The Exxon Drilling Superintendent will initiate emergency action as provided in the contingency plan and as appropriate to the actual conditions. If testing operations are in progress, well will be shut-in.
- (4) The Exxon Drilling Superintendent will conduct any necessary operations with an absolute minimum of personnel. All persons in the immediate hazard area will wear a self-contained breathing apparatus. All other personnel will restrict their movements to those directed by the Superintendent.
- (5) If gas containing hydrogen sulfide is ignited, the burning hydrogen sulfide will be converted to sulfur dioxide which is poisonous.

VI. Emergency Procedures. The procedures listed below apply to drilling and testing operations.

- A. If at any time during Condition I, the mud logger, mud engineer, or any other person detects H₂S, he will notify the Exxon Drilling Superintendent. All personnel should keep alert to the Exxon Drilling Superintendent's orders. He will:
1. Immediately begin to ascertain the cause of the source of the H₂S and take steps to reduce the H₂S concentration to zero. This should include having the mud engineer run a sulfide and pH determination on the flowline mud if water-base mud is in use. If an oil-base mud is in use, the mud engineer should check the lime content of the mud.
 2. Order non-essential personnel out of the potential danger area.
 3. Order all personnel to check their safety equipment to see that it is working properly and in the proper location. Persons without breathing equipment will not be allowed to work in a hazard area.
 4. Notify the Contract Supervisor of condition and action taken.
 5. Increase gas monitoring activities (portable H₂S detectors) and continue operations with caution.
 6. Display the orange warning flag.
- B. If the H₂S concentration exceeds 20 ppm, the following steps will be taken:
1. Evacuate quickly to the "SAFE BRIEFING AREA" if instructed or conditions warrant.
 2. Put on breathing equipment.
 3. Help anyone who may be affected by gas.
 4. Driller - prepare to shut the well in.
 - a. Pick up pipe to get kelly out of BOP's.
 - b. Close BOP's if necessary.
 5. If testing operations are in progress, the well will be shut-in.
 6. Display the red warning flag.
- C. In the event a potentially hazardous volume of H₂S is released to the atmosphere, the following steps must be taken to alert the public:
1. Remove all rig personnel from the danger area and assemble at a pre-determined safe area, preferably upwind from the well site.
 2. Have personnel put on breathing equipment.
 3. Help anyone who may be affected by gas.

4. Secure rig, if possible.
5. Determine the cause or source of H₂S.
6. Alert the drilling office, public safety personnel, regulatory agencies, and the general public of the existence and location of an H₂S release. See Appendix A - List of Emergency Telephone Numbers.
7. Assign personnel to block any public road (and access road to location) at the boundary of the area of exposure. Any unauthorized people within the area should be informed that an emergency exists and be ordered to leave immediately.
8. Request assistance from public safety personnel to control traffic and/or evacuate people from the threatened area.
9. In the event of an uncontrolled emergency, a flare gun and shells will be provided to ignite the well. Normally, approval for the Exxon Drilling Superintendent to ignite the well would have to be given by Exxon Company management. However, in the event of an extreme emergency and management personnel could not be contacted, the Exxon Drilling Superintendent would be authorized to ignite the well.

VII. Training Program. All personnel associated with the drilling operations will receive training to insure efficient and correct action in all situations. This training will be in the general areas of (1) personnel safety, (2) rig operations, and (3) Exxon well control procedures.

A. Personnel Safety Training. All personnel shall have received H₂S training in the following areas:

1. Hazards and characteristics of H₂S.
2. Effect on metal components of the system.
3. Safety precautions.
4. Operation of safety equipment and life support systems.
5. Corrective action and shutdown procedures.

NOTE: While drilling through sour formations, H₂S drills will be conducted weekly for each tour.

B. Rig Operations. All rig personnel shall have received training in the following areas:

1. Well control procedures.
2. Layout and operations of the well control equipment.

NOTE: Proficiency will be developed through BOP drills which will be documented by the Exxon Drilling Superintendent.

C. Well Control Procedures. All Exxon employees will be required to have attended the Exxon (or equivalent) well control and blowout preventer equipment school within the past two years.

- D. Service Company Personnel. All service personnel shall have been trained by their employers in the hazards and characteristics of H₂S and the operations of safety equipment and life support systems.
- E. Visitors. All first time visitors to the location will be required to attend a safety orientation. The Exxon Drilling Superintendent shall be responsible for this orientation, and he shall see that every visitor is logged in correctly. NOTE: No more than fifteen people should be on location during normal drilling operations.
- F. Public. The public within the area of exposure shall be given an advance briefing by Exxon's Drilling Superintendent. This briefing must include the following elements.
1. Hazards and characteristics of hydrogen sulfide. It is an extremely dangerous gas. It is normally detectable by its "rotten-egg" odor, but odor is not a reliable means of detection because the sense of smell may be dulled or lost due to intake of the gas. It is colorless, transparent, and flammable. It is heavier than air and may accumulate in low places.
 2. The necessity of an emergency action plan. Due to the danger to persons exposed to hydrogen sulfide and the need for expeditious action should an emergency occur, this action plan will be put into effect if and when a leak occurs.
 3. The location of hydrogen sulfide within the area of exposure. At the drilling location.
 4. The manner in which the public will be notified of an emergency. By telephone or personal contact.
 5. Steps to be taken in case of an emergency.
 - a. Abandon danger area.
 - b. Notify necessary agencies and request assistance for controlling traffic and evacuating people.

HDC/dhd

Appendix A
Emergency Telephone List Continued

D. GOVERNMENT AGENCIES

- | | | |
|---|----------------|--------------------|
| 1. Utah State Department of National Resources, Division of Oil & Gas | (801) 533-5771 | Salt Lake City, UT |
| <hr/> | | |
| 2. MMS | (801) 524-4590 | Salt Lake City, UT |
| <hr/> | | |
| 3. MMS - Vernal Inspection Office | (801) 789-5236 | |
| <hr/> | | |

E. SERVICE COMPANIES*

- | | | |
|--|-----------------------------------|---------------|
| 1. Pump Truck(s): | Western Co. of North America | |
| | 307-789-0563 | Evanston, WY |
| <hr/> | | |
| 2. Dirt Contractor(s): | Skyline Construction Co. | |
| | 307-276-3383 | Big Piney, WY |
| <hr/> | | |
| 3. Roustabout Crew(s): | C&U Roustabout Inc., Evanston, WY | |
| | (307) 789-4240 | |
| <hr/> | | |
| 4. H ₂ S Service Companies: | Edu-Safe | |
| | 801-649-0183 | Park City, Ut |
| <hr/> | | |
| 5. Drilling Contractor: | Westburne Drilling, Inc. | |
| | 307-472-5781 | Casper, WY |
| <hr/> | | |
| 6. Others: | | |

* The companies named above will not be used exclusively and a final decision to use them has not been made.

NOTE: All entries should be made in the following manner: NAME-PHONE-LOCATION

F. The following residents and/or responsible parties for occupied public areas within the area of exposure must be notified and instructed to leave the area when a potentially hazardous hydrogen sulfide leak occurs:

	NAME	TELEPHONE NO.	(A)	(B)
1.	<hr/>	<hr/>	<hr/>	<hr/>
2.	<hr/>	<hr/>	<hr/>	<hr/>
3.	<hr/>	<hr/>	<hr/>	<hr/>
4.	<hr/>	<hr/>	<hr/>	<hr/>
5.	<hr/>	<hr/>	<hr/>	<hr/>
6.	<hr/>	<hr/>	<hr/>	<hr/>
7.	<hr/>	<hr/>	<hr/>	<hr/>
8.	<hr/>	<hr/>	<hr/>	<hr/>

OPERATOR EXXON CORP DATE 6-29-83

WELL NAME SWEETWATER STATE #1

SEC SW NE 1 T 14 N R 7 E COUNTY RICH

43-033-30041
API NUMBER

STATE
TYPE OF LEASE

POSTING CHECK OFF:

INDEX

MAP

HL

NID

PI

PROCESSING COMMENTS:

NO GAS WELLS WITHIN 4960' IN UTAH - NO RECORDS AVAILABLE FOR THE LAND SIDE.

CHIEF PETROLEUM ENGINEER REVIEW:

7/1/83

Unitization pending

APPROVAL LETTER:

SPACING:

A-3

UNIT

c-3-a

CAUSE NO. & DATE

c-3-b

c-3-c

SPECIAL LANGUAGE:

A COPY OF

PRIOR TO SPUDDING, THE UTAH DIVISION OF WATER RIGHTS (801-533-6071) APPROVAL FOR USE OF WATER AT THE DRILLING SITE SHALL BE SUBMITTED TO THIS OFFICE, OTHERWISE APPROVAL TO DRILL THE SWEETWATER STATE #1 WELL IS VOID - A COPY OF THIS ACTION WILL BE SENT TO THE "RESOURCE DEVELOPMENT COORDINATING COMMITTEE" FOR THEIR REVIEW AND COMMENTS, WHICH MAY ADD STIPULATIONS TO THIS APPROVAL.

RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON FLAT MAP.

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING *STATE WIDE*

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER NO

UNIT NO

c-3-b

c-3-c

CHECK DISTANCE TO NEAREST WELL.

CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

June 29, 1983

Exxon Corporation
P. O. Box 1600
Midland, Texas 79702

RE: Well No. Sweetwater State # 1
SW NE Sec. 1, T. 14N, R. 7E.
1500' FNL, 1590' FEL
Rich County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to gas well on said unorthodox location is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure. Prior to the spudding, a copy of the Utah Division of Water Rights (801-533-6071) approval for use of water at the drilling site shall be submitted to this office, otherwise approval to drill the Sweetwater State # 1 well is void. A copy of this action will be sent to the "Resource Development Coordinating Committee" for their review and comments, which may add stipulations to this approval.

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

RONALD J. FIRTH - Chief Petroleum Engineer
Office: 533-5771
Home: 571-6068

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 43-033-30041.

Sincerely,


Norman C. Stout
Administrative Assistant

NCS/cf
cc: Gail Prinee, State Lands & Forestry

Enclosures

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: EXXON

WELL NAME: Sweetwater State #1

SECTION SWSE 1 TOWNSHIP 14N RANGE 7E COUNTY Rich

DRILLING CONTRACTOR Westburn

RIG # 66

SPUDDED: DATE 8-26-83

TIME 3:00 P.M.

HOW _____

DRILLING WILL COMMENCE _____

REPORTED BY Julie Feil

TELEPHONE # _____

Melba found the water right approval and read it over the phone. A copy will be sent by regular mail. Jopson 8-29-83

DATE 8-26-83 SIGNED _____ SB _____

Provided John Clement 24 hrs to comply with water rights requirements.

Jopson 8-29-83

M

GCC-1b

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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.)

RECEIVED
AUG 30 1983

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Exxon Corporation

3. ADDRESS OF OPERATOR
P. O. Box 1600, Midland, Texas

4. LOCATION OF WELL (Report location clearly and in accordance with any State or Federal laws. See also space 17 below.)
At surface
1500' FNL & 1590' FEL of Section

5. LEASE DESIGNATION AND SERIAL NO.
ML-31010

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
-

7. UNIT AGREEMENT NAME
Sweetwater State

8. FARM OR LEASE NAME
Sweetwater State

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 1, T14N, R7E

12. COUNTY OR PARISH
Rich County

13. STATE
Utah

14. PERMIT NO.
None - Approved 6-29-83

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6944' Ungraded Ground

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 type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input checked="" 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.)*

TD 16,100

Attached is our amended Ten Point Plan & H₂S Contingency Plans.

ATTN: ED. RUNKEZ

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

SIGNED Melba Knippling TITLE Unit Head DATE August 26, 1983

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

EXXON CORPORATION SWEETWATER STATE #1

Section 1, T14N, R7E
Rich County, Utah
Ten Point Plan

1. The geologic name of the surface formation is: Tertiary
2. The estimated tops of important geologic markers:

Twin Creek	1,038	Weber-Wells	8,564
Nugget	1,713	Amsden	9,545
Ankareh	2,839	Madison-Lodgepole	10,921
Thaynes	4,218	Three Forks	12,931
Woodside	6,601	Laketown	14,011
Dinwoody	7,521	Big Horn	14,531
Phosphoria	8,093		

3. The estimated depths at which anticipated oil, water, gas or other mineral bearing formations are expected to be encountered:

Deepest fresh water zone	1,089'	Fresh Water
Dinwoody	7,521	Gas
Madison	10,921	Gas

4. Proposed casing programs:

A. Casing

<u>String</u>	<u>Size/Weight/Grade</u>	<u>Depth Interval</u>
Conductor	20"/94#/H-40/STC	0 - 40'
Surface	13-3/8"/60#/K55/BTC 13-3/8"/61#/K55/STC	0 - 1,000' 1,000' - 2,000' 2570
Intermediate	9-5/8"/43.50#/L80/LTC	0 - 8,600' 10,200'
Production	7"/29#/L80/BT 7"/29#/L80/LTC 7"/29#/RS-95/FL4S 7"/38#/L-80/BT	0 - 3,000' 3,000' - 12,000' 12,000' - 14,000' 14,000' - TD

All pipe in new condition.

B. Cement

<u>Casing</u>	<u>Depth</u>	<u>Cement Type</u>	<u>Approximate Volume</u>	<u>Estimated Top of Cement</u>
20"	40'	Readi-Mix	6 ft ³	Surface
13 3/8"	2,000'	Light Cement Class "H"	1150 ft ³ 240 ft ³	Surface
9 5/8"	8,600'	Light Cement Class "H"	1200 ft ³ 240 ft ³	4000'
7"	TD	Light Cement Class "H"	725 ft ³ 240 ft ³	8000'

C. Casing Test Procedures

1. Surface Casing (13 3/8"): 2000 psi Test Pressure
2. Intermediate Casing (9 5/8"): 4000 psi Test Pressure
3. Production Casing (7"): 5,000 psi Test Pressure

5. Minimum specifications for pressure control:

A. Casinghead equipment:

"A" Section: 13 3/8" Butt x 13 5/8" - 3000 psi w/Landing Base Sweet
 "B" Section: 13 5/8" - 3000 psi x 11" - 5000 psi - Sour
 Tubing Head: 11" - 5000 psi x 7 1/6" - 10,000 psi - Sour
 Tubing Head Adapter: 7 1/16" - 10,000 psi x 2 9/16" - 10,000 psi - Sour
 Tree: 2 9/16" - 10,000 psi Sour

B. Blowout preventers:

Type 111-A (5000 psi WP) on the 13 3/8" and 9 5/8" casing

C. BOP control unit:

Unit will be hydraulically operated and have one control station located 60 feet from the wellbore and one located on the rig floor.

D. Blowout preventer testing:

Type III-A 300 - 3000 psi - initial installation
 (on 13 3/8" casing) 300 - 2000 psi - subsequent tests
 Type III-A: 300 - 5000 psi - initial installation
 (on 9 5/8" casing) 300 - 3500 psi - subsequent tests

An operations test consisting of closing the annular preventer and pipe rams on the drill pipe and closing the blind rams on open hole will be performed on each round trip but no more than once each day.

6. Type and anticipated characteristics of drilling fluid:

Depth Interval	Mud Type	ppg	Sec/Ot	CP	#/100 Ft ²	pH
0 - 2000	Spud Mud	8.4 - 8.6	30-50	5-12	5-25	9.5 - 10.5
2000 - TD	FWM	8.8 - 9.4	35-75	7-20	10-25	9.5 - 10.5

Mud weight and viscosity will be maintained at minimum levels compatible with operating conditions. Not less than 200 bbls. of mud will be in surface mud pits and at least 200 sx of barite will be stocked on location. Stock points will be located approximately two hours away at Kemmerer or Evanston.

7. Auxiliary equipment:
 - A. Kelly Cocks: Upper and lower installed on kelly.
 - B. Safety Valve: Full opening ball type to fit each type and size of drill pipe in use available on the rig floor in the open position at all times.
 - C. Pit volume totalizer to monitor mud pits.
 - D. Trip tank to keep hole full of fluid on trips and to monitor hole behavior on trips.
 - E. Float will not be run at the bit.
8. The testing and logging program to be followed:

DST - Two DST's are planned for the Madison and Dinwoody formations

Coring - No cores are planned.

Logging Program - From approximately 2000' to total depth: formation density, compensates neutron, borehole compensates sonic, gamma ray, caliper, dual induction and spontaneous potential logs: Dipmeter and SRS (velocity survey) will be run from surface casing to TD.

Stimulation - Perforate the Madison formation. Acid-frac with 150 gal/ft of 15% HCl. Assist in acid flow back with nitrogen foam.
9. No abnormal pressure or temperature hazards are expected. H₂S is not expected above 8093'. An H₂S contingency plan will be supplied.
10. The well is expected to spud in August 1983. Drilling operations will end approximately February, 1984. The well will be completed by approximately April, 1984.

BLOWOUT PREVENTER SPECIFICATION
EQUIPMENT DESCRIPTION

TYPE III-A

All equipment shall be at least 5,000 psi WP or higher unless otherwise specified.

1. Rotating type BOP, 3,000 psi minimum WP.
2. Hydril or Shaffer bag type preventer.
3. Ram type pressure operated preventer with pipe rams. Use large size pipe rams when drilling with a tapered string. Use blind rams when drilling with a tapered string and formation is overbalanced.
4. Flanged spool with two 4-inch side outlets.
5. 4-inch flanged plug or gate valve.
6. 4-inch flanged tee.
7. 4-inch flanged plug or gate valve.
8. 4-inch flanged pressure operated gate valve.
- + 9. Ram type pressure operated preventer with blind rams. Use small size pipe rams when drilling with a tapered drill string.
- * 10. Ram type pressure operated preventer with pipe rams. Use large size pipe rams when drilling with tapered string.
11. Flanged type casing head (furnished by Exxon).
12. 2-inch flanged plug or gate valves (furnished by Exxon).
13. 2-inch threaded flange (furnished by Exxon).
14. 2-inch tapped bull plug (furnished by Exxon).
15. Needle valve (furnished by Exxon).
16. 4-inch flanged spacer spool.
17. 4-inch by 2-inch flanged cross.
18. 2-inch flanged plug or gate valve.
19. 2-inch flanged adjustable choke. Replace with flanged 2-inch tee if a remote controlled choke is installed downstream.
20. 4-inch x 4-inch spacer flange w/1-inch tap.
21. 1-inch x 4-inch XXH nipple.
22. 1-inch valve.
23. Cameron (or equal.) 0-6000 psi gage.
24. 2-inch flanged spacer spool.
25. 6-inch or 4-inch pipe, 300' to pit, anchored.
26. 2-1/2-inch line to separator.
27. 2-inch weld neck flange.
28. 2-1/2-inch x 2-inch sch. 80 concentric weld reducer.
29. 2-1/2-inch pipe.
30. Pressure operated adjustable choke (furnished by Exxon).
31. 2-1/2-inch S.E. gate valve.
32. 2-1/2-inch tee.
33. 2-1/2-inch pipe, 300' to pit, anchored.
34. 2-inch threaded flange (EUE) or weld neck flange w/Weco Fig. 1502 2" 15,000 psi free flow buttress weld wing union.
35. 4-inch flanged tee.
36. 3-inch (minimum) hose. (Furnished by Exxon).
37. Trip tank. (Furnished by Exxon).
38. 6-inch 3,000 psi minimum WP manual or pressure operated gate valve.

NOTES:

1. Items 9 and 10 may be replaced with double ram type preventer. Any side outlets shall be double valved or blind flanged.
2. Only type U, LWS and QRC ram type preventers with secondary seals are acceptable.
3. The two valves next to the stack on the kill and fill line to be closed unless string is being pulled.
4. Kill line is for emergency use only. This connection shall not be used for filling.
5. Replacement rams for each size drill pipe in use and blind rams shall be on location at all times.

Revised 6/14/74

I-13

* Note: Double ram preventers may be used in lieu of two single rams.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

BLOW OUT PREVENTION TEST

NAME OF COMPANY: EXXON

WELL NAME: SWEETWATER STATE #1

SECTION: SWNE 1 TOWNSHIP 14N RANGE 7E COUNTY: RICH

DRILLING CONTRACTOR: WESTBURN

RIG # 66

BOP TEST: DATE: 9-3-83

TIME: LATE PM

DRILLING: _____

CASING: _____

H₂S: _____

REPORTED BY: MIKE RYKHUS

TELEPHONE NO. 307-789-9213

DATE: 9-3-83 SIGNED AS

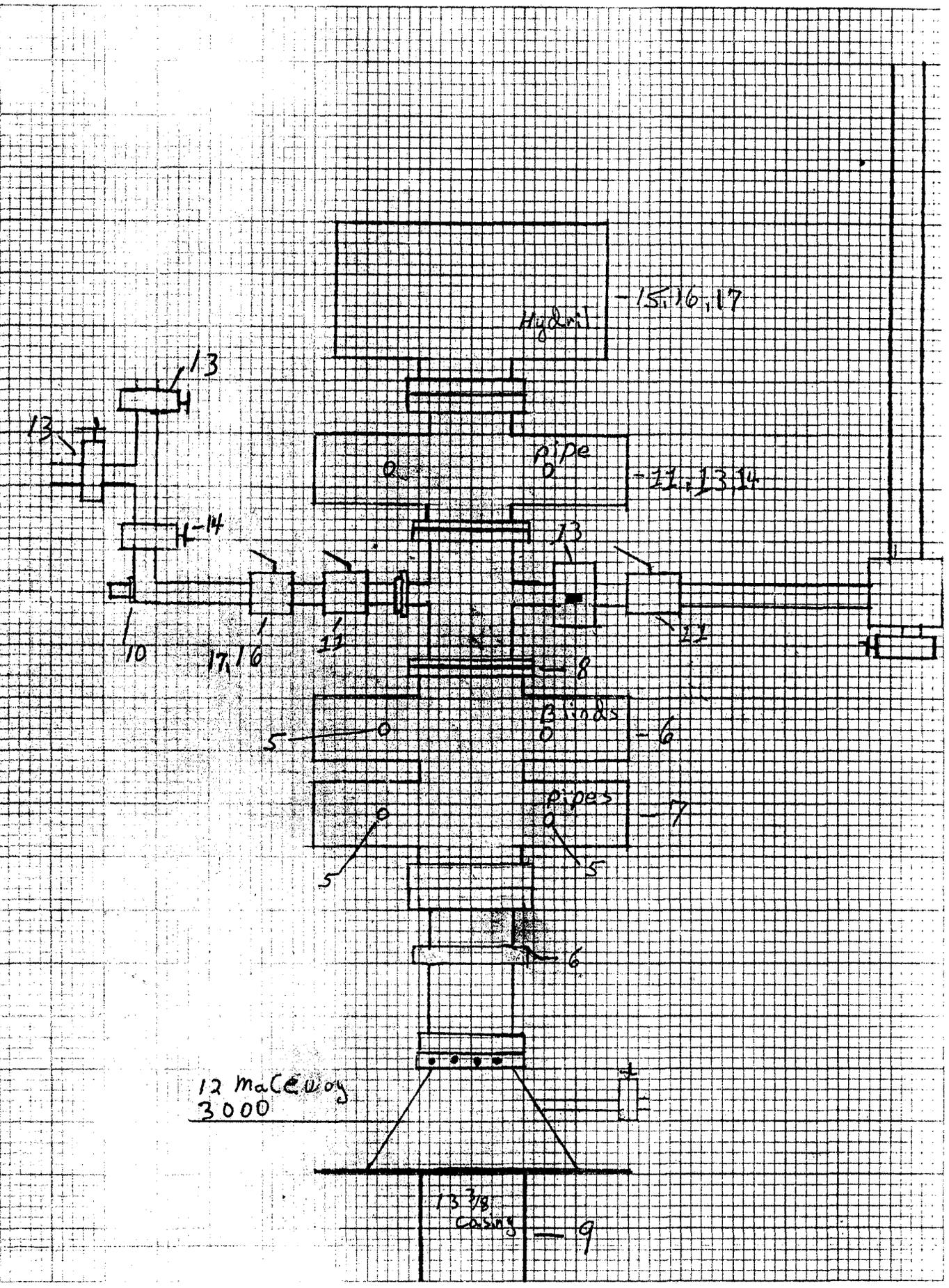
- 1 4:05-4:20 test lower Kelly
- 2 4:25-4:40 test Upper Kelly
- 4 4:50-5:00 test floor valve
- 5:15-6:20 while waiting on Ring gaskets picked up test plug had trouble getting in and out of hole.
- 6:35 started changing ring gaskets on bit line, ran test plug, ram seals leaking without pressure, shut down repacked all mud seals
- 5 10:00-10:05 leak on mud seal, packing nut Bop row on spacer spool
- 6 10:30-10:45 test Blind rams
- part 7 11:15-11:30 tested lower pipe rams, fixed 2 leaks in choke manifold just while filling with water
- 11:30-11:45 wait on Koomy to build psi, fix Koomy leaks
- 8 11:45 leak on Bop row between mud cross and double set of rams, (wrong ring picked up and changed)
- 9 1:50-2:05 tested casing while crew picked up stack to change ring gaskets

can plug again + rigged up to finish

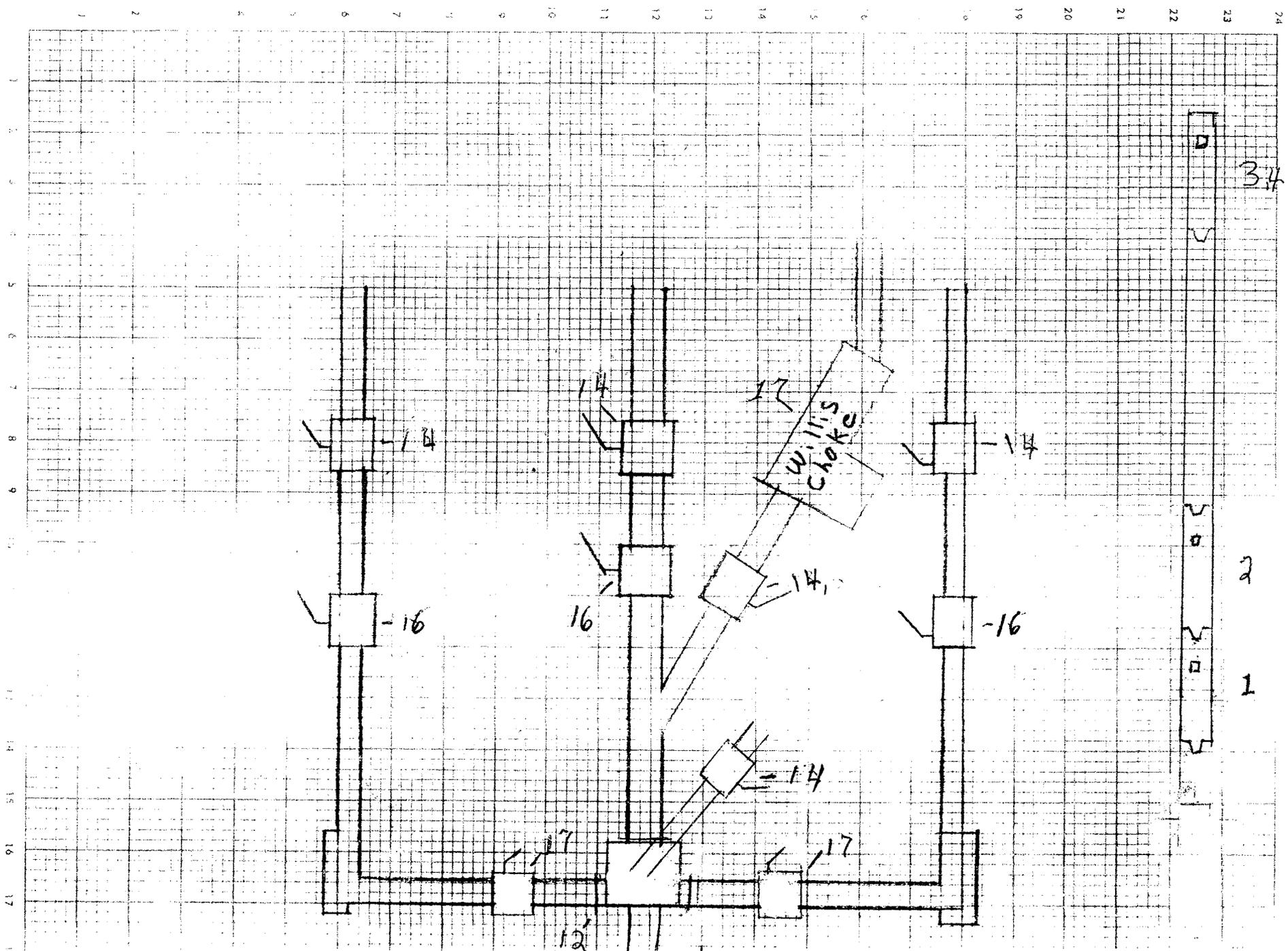
Bop Test

10. 2:30 look on outside flange on kill line
11. 2:35-2:50 test top pipe rams, inside manual on kill line, manual on choke line
12. 2:58 look on national flange on manifold
13. 3:20-3:35 test top pipes, outside 2 manuals on kill line, HCR valve on choke line
14. 3:40-3:55 test top pipe rams, third valve on kill line, outside 3 manuals, vertical riser, vertical
15. 4:00-4:50 manual below Willis choke
had Air in Hydral lines, worked several times increased Annular psi
15. 4:00-6:05 new bladder rubber
16. 4:55-5:10 test Hydral, second national manual on kill line, 3 manuals on choke manifold
17. 5:15-5:30 test Hydral, 2 manuals + willis choke on manifold
second national valve on kill line
- 5:30-7:00 set wear ring, waited on crew to help pull plug + wear ring

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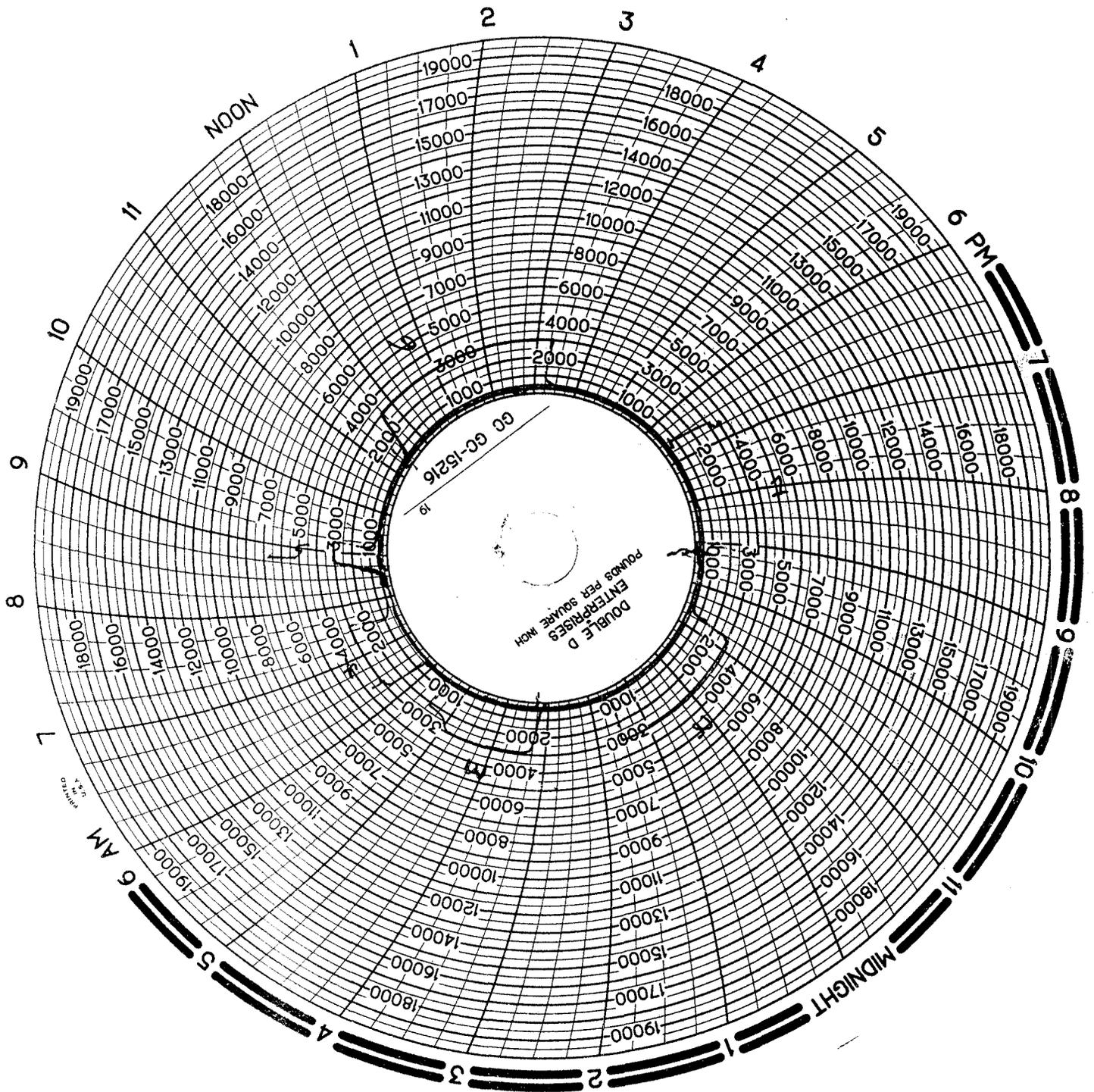
7 8 9 10 11 12 13 14 15 16 17 18

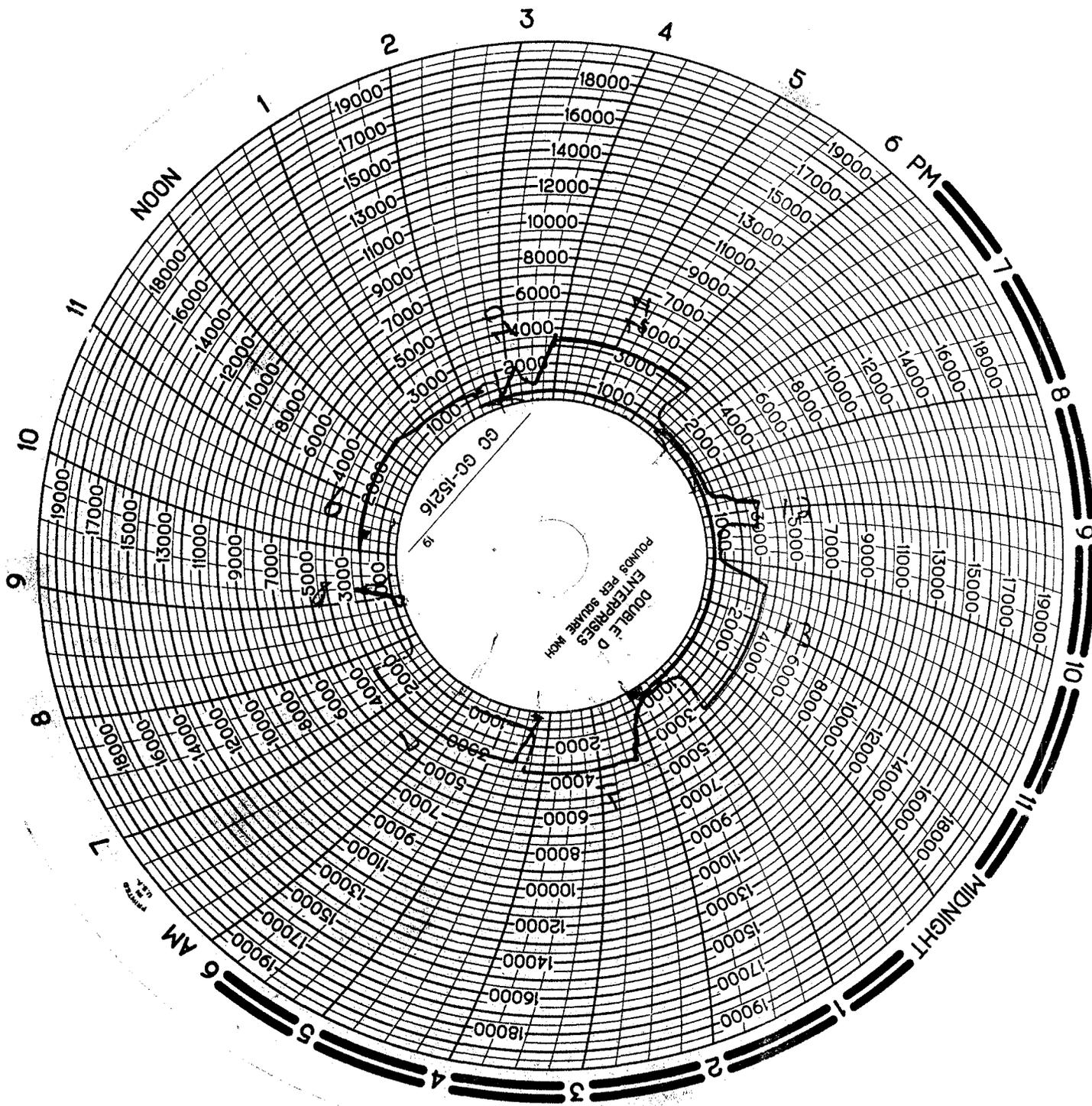


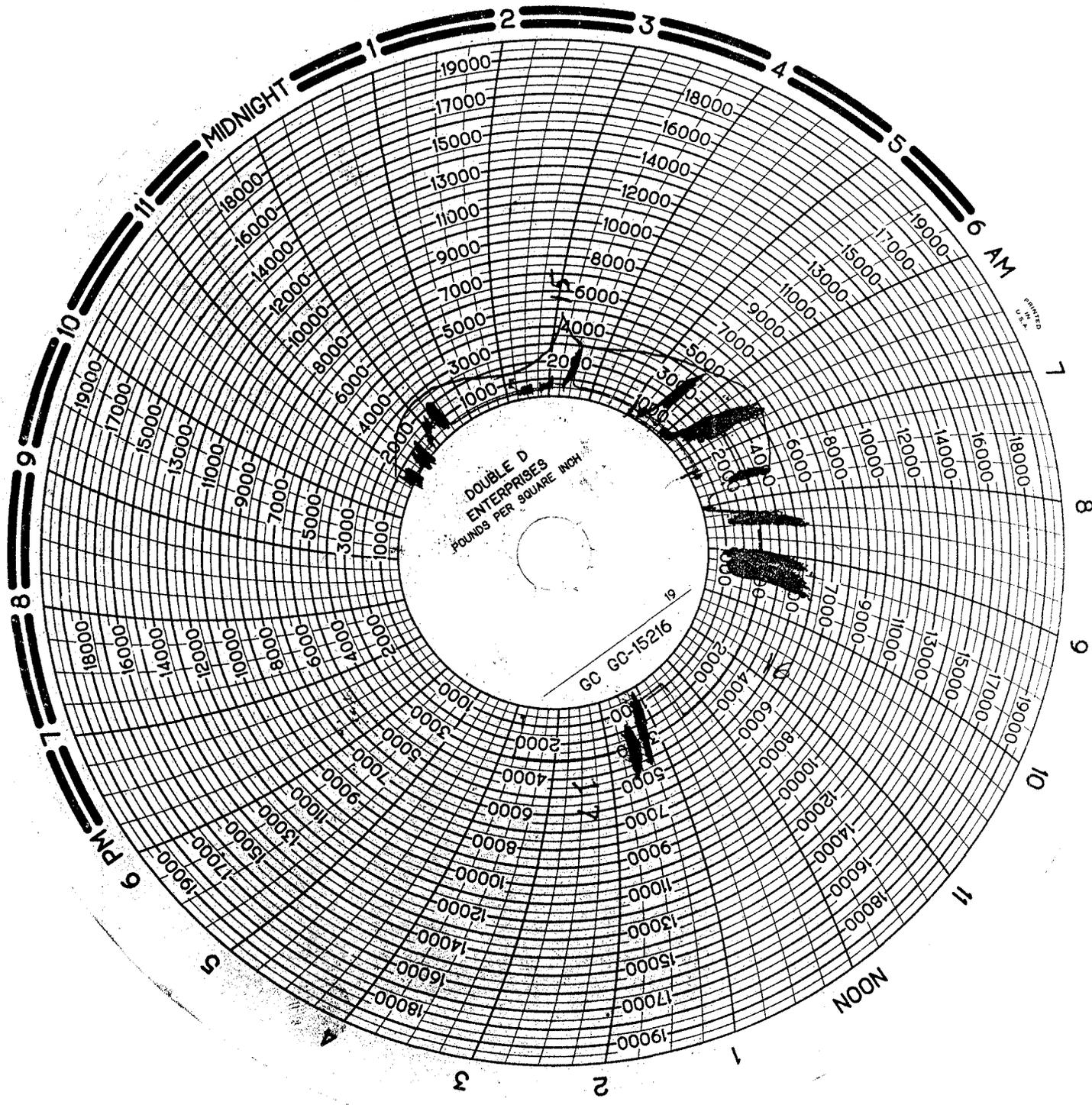
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DOUBLE D
ENTERPRISES
POUNDS PER SQUARE INCH

925216
39

PRINTED
U.S.A.

DOUBLE "D" ENTERPRISES

B.O.P. Test Report

^M
RECEIVED

OCT 21 1983

**DIVISION OF
OIL, GAS & MINING**

B.O.P. TEST PERFORMED ON (DATE)..... 9-6-83

OIL CO.: Exxon Co USA

WELL NAME & NUMBER..... Sweet water state #1

SECTION..... 1

TOWNSHIP..... 14 N

RANGE..... 7 E

COUNTY..... Bear Lake

DRILLING CONTRACTOR..... Westburne 66

INVOICES BILLED FROM: **DOUBLE "D" ENTERPRISES, INC.**
213 Pine Street - Box 560
Shoshoni, Wyoming 82649
Phone: (307) 876-2308 or (307) 876-2234

TESTED BY: **DOUBLE "D" ENTERPRISES, INC.**
712 Morse Lee Street
Evanston, Wyoming 82930
Phone: (307) 789-9213 or (307) 789-9214

OIL CO. SITE REPRESENTATIVE..... Red Garrett

RIG TOOL PUSHER..... Jim

TESTED OUT OF..... Evanston

NOTIFIED PRIOR TO TEST: Division of oil Gas & Mining, U.S. Geol

COPIES OF THIS TEST REPORT SENT COPIES TO: Division of oil Gas & Mining

U.S.G.S.

ORIGINAL CHART & TEST REPORT ON FILE AT: Evanston OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. MI-3101
Communitization Agreement No. --
Field Name Wildcat
Unit Name Sweetwater - State
Participating Area --
County Rich State Utah
Operator Exxon Corporation
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of October, 19 83

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & ¼ of ¼	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1	1 SW/NE	14N	7E	Drlg.	--	--	--	--	Drlg. @ 9104' shale, siltstone, limestone.
Orig & lcc: Bureau of Land Management; P.O. Box 2859; Casper, Wyoming 82602 2cc: State of Utah Natural Resources; 4241 State Office Bldg; Salt Lake City, Utah 84114 1cc: Drilling Section 1cc: R&R File 1cc: Central File 1cc: Western Exploration Division 1cc: Completion Desk									

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	None	None	None
*Sold	None	None	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	None	XXXXXXXXXXXXXXXXXX
*Used on Lease	None	None	XXXXXXXXXXXXXXXXXX
*Injected	None	None	None
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	None
*Other (Identify)	None	None	None
*On hand, End of Month	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	None	None	XXXXXXXXXXXXXXXXXX

Authorized Signature: Neelva Kripling Address: P.O. Box 1600; Midland, Texas 79702
Title: Unit Head Page 1 of 1

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form 9-329 Rev. Feb 76
OMB 42-R0356

MONTHLY REPORT
OF
OPERATIONS

Lease No. ML-31010
Communitization Agreement No. ---
Field Name Wildcat
Unit Name Sweetwater - State
Participating Area ---
County Rich State Utah
Operator Exxon Corporation

Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of August, 19 83

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1	1 SW/NE	14N	7E	Drlg.	--	--	--	--	Spud 17 1/2" hole 8-26-83 @ 0400. Drlg @ 1640' in limestone, shale.

RECEIVED
DEC 10 1983

DIVISION OF
OIL, GAS & MINING

Orig & lcc: Bureau of Land Management; P.O. Box 2859; Casper, Wyoming 82602
2cc: State of Utah; Natural Resources; 4241 State Office Bldg.; Salt Lake City, Utah 84114
lcc: Drilling Section
lcc: R&R File
lcc: Central File
lcc: Western Exploration Division
lcc: Completion Desk

*If none, so state.

Disposition of production (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	None	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Produced	None	None	None
*Sold	None	None	XXXXXXXXXXXXXXXXXXXX
*Spilled or Lost	None	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXXXX	None	XXXXXXXXXXXXXXXXXXXX
*Used on Lease	None	None	XXXXXXXXXXXXXXXXXXXX
*Injected	None	None	None
*Surface Pits	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX	None
*Other (Identify)	None	None	None
*On hand, End of Month	None	XXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	None	None	XXXXXXXXXXXXXXXXXXXX

Authorized Signature: Melvin Kripling

Address: P.O. Box 1600; Midland, TX 79702

Title: Unit Head

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. MT-3101
Communitization Agreement No. --
Field Name Wildcat
Unit Name Sweetwater - State
Participating Area --
County Rich State Utah
Operator Exxon Corporation

Amended Report

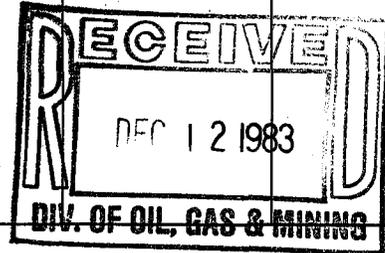
The following is a correct report of operations and production (including status of all unplugged wells) for the month of September, 19 83

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1	1 SW/NE	14N	7E	Drlg.	--	--	--	--	Set 13 3/8" csg. @ 2570'. Drlg. @ 5301' in limestone dolomite, shale, siltstone.

Orig & lcc: Bureau of Land Management; P.O. Box 2859; Casper, Wyoming 82602
2cc: State of Utah Natural Resources; 4241 State Office Bldg; Salt Lake City, Utah 84114
1cc: Drilling Section
1cc: R&R File
1cc: Central File
1cc: Western Exploration Division
1cc: Completion Desk



*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	None	None	None
*Sold	None	None	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	None	XXXXXXXXXXXXXXXXXX
*Used on Lease	None	None	XXXXXXXXXXXXXXXXXX
*Injected	None	None	None
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	None
*Other (Identify)	None	None	None
*On hand, End of Month	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	None	None	XXXXXXXXXXXXXXXXXX

Authorized Signature: Melba Kripling Address: P.O. Box 1600; Midland, Texas 79702

Title: Unit Head Page 1 of 1

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. MI-3101
Communitization Agreement No. --
Field Name Wildcat
Unit Name Sweetwater - State
Participating Area --
County Rich State Utah
Operator Exxon Corporation
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of November, 19 83

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & ¼ of ¼	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1	1 SW/NE	14N	7E	Drlg.	--	--	--	--	Set 9 5/8" csg. @ 10603'. Drlg. @ 11094' in shale, limestone, dolomit

RECEIVED

DEC 12 1983

DIV. OF OIL, GAS & MINING

Orig & lcc: Bureau of Land Management; P.O. Box 2859; Casper, Wyoming 82602
2cc: State of Utah Natural Resources; 4241 State Office Bldg; Salt Lake City, Utah 84114
lcc: Drilling Section
lcc: R&R File
lcc: Central File
lcc: Western Exploration Division
lcc: Completion Desk

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	None	None	None
*Sold	None	None	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	None	XXXXXXXXXXXXXXXXXX
*Used on Lease	None	None	XXXXXXXXXXXXXXXXXX
*Injected	None	None	None
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	None
*Other (Identify)	None	None	None
*On hand, End of Month	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	None	None	XXXXXXXXXXXXXXXXXX

Authorized Signature: Melba Knippling Address: P.O. Box 1600; Midland, Texas 79702
Title: Unit Head Page 1 of 1

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Exxon Corporation

3. ADDRESS OF OPERATOR
P.O. Box 1600, Midland, Texas 79702

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) 1500' FNL & 1590' FEL of Section
AT SURFACE:
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
ML-31010

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Sweetwater

8. FARM OR LEASE NAME
Sweetwater Unit

9. WELL NO.
1

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 1, T14N, R7E

12. COUNTY OR PARISH | 13. STATE
Rich County | Utah

14. API NO.
43-033-30041

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6944' Ungraded Ground

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) <u>Amend Total Depth</u>		

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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.)*

Please amend total depth to 19,000.

RECEIVED
DEC 20 1983
DIVISION OF
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Melba Knippling TITLE Unit Head DATE 12-22-83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

RA 1/4/84

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. ML-31010
Communitization Agreement No. ---
Field Name Wildcat
Unit Name Sweetwater - State
Participating Area ---
County Rich State Utah
Operator Exxon Corporation
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of December, 19 83

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189; 30 U.S.C. 359; 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1	1 SW/NE	14N	7E	DRG	--	--	--	--	Pump 175 sx plug @ 10811'. Drig @ 11728' in shale, chert, limestone, dolomite.
Orig and lcc: BLM, P.O. Box 2859, Casper, Wyoming 82602 2cc: State of Utah Natural Resources, 4241 State Office Bldg, Salt Lake City, Utah 84114 lcc: Drilling Section lcc: R&R File lcc: Central File lcc: Western Exploration Division, Denver									

RECEIVED
JAN 20 1984
DIVISION OF OIL, GAS & MINING

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	None	None	None
*Sold	None	None	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	None	XXXXXXXXXXXXXXXXXX
*Used on Lease	None	None	XXXXXXXXXXXXXXXXXX
*Injected	None	None	None
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	None
*Other (Identify)	None	None	None
*On hand, End of Month	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	None	None	XXXXXXXXXXXXXXXXXX

Authorized Signature: Melba Knippling Address: P.O. Box 1600, Midland, Texas 79702
 Title: Unit Head
 Date Submitted: January 24, 1984
 Page 1 of 1

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

5. LEASE DESIGNATION AND SERIAL NO.	ML-31010
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	---
7. UNIT AGREEMENT NAME	Sweetwater Unit
8. FARM OR LEASE NAME	Sweetwater Unit
9. WELL NO.	1
10. FIELD AND POOL, OR WILDCAT	Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	Sec. 1-14N-7E
12. COUNTY OR PARISH	Rich
13. 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

2. NAME OF OPERATOR
Exxon Corporation

3. ADDRESS OF OPERATOR
P.O. Box 1600, Midland, Texas 79702

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

1500' FNL & 1590' FEL of Section

14. PERMIT NO. _____ 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6944' GR

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

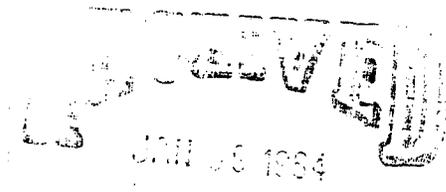
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>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

(Other) Amend Total Depth

(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.) *

Please amend the proposed total depth of the above well from 17,500' to 19,000'.



DIVISION OF
OIL, GAS & MINING

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 1/19/84
BY: [Signature]

18. I hereby certify that the foregoing is true and correct
SIGNED Melba Knippling TITLE Unit Head DATE 1-5-84
(This space for Federal or State office use)

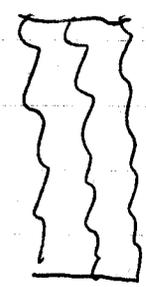
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

157B
2/3/84

TD @ 14,000

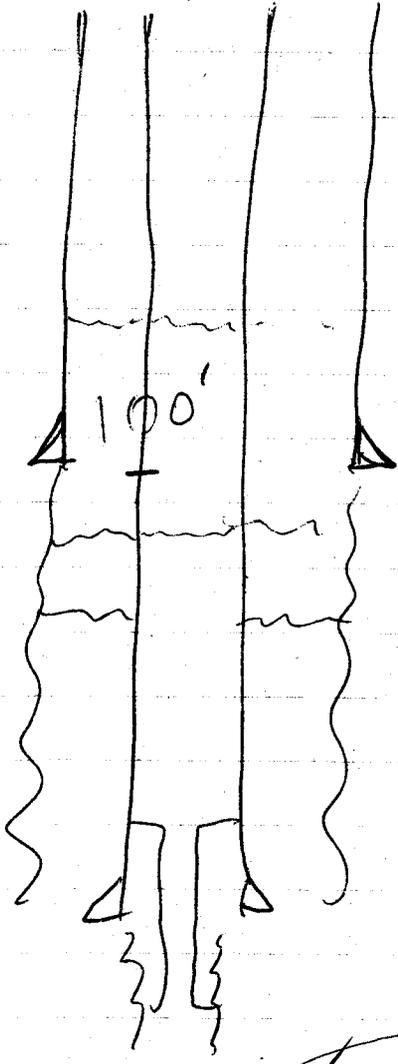
13³/₈" - 2570'
9⁵/₈" - 10,603'
8¹/₂" hole

Top C surf
Top C (?)



If decision is made to
P&A @ 14,000' ±, Exxon
will execute contract DOGM
FOR APPROVAL TO P&A AS
INDICATED

Sweetwater State #1
43-033-30041
Sec 1, T14N, R7E



> No oil shows
above 13,640'
(DD on 2/3/84)

TD 15,600'

Mr. Anderson
EXXON
915-686-4342

- (1) 100' PLUG IN TOP
- (2) 100' PLUG (50' IN - 50' OUT) ACROSS 9³/₈" SHOES
- (3) PERF 9⁵/₈" 50' BELOW 13³/₈" SHOES AND LEAVE 100' PLUG ACROSS 13³/₈" SHOES
(INSIDE & OUTSIDE 9⁵/₈")
- (4) ASKED MR ANDERSON FOR Top C outside 9⁵/₈"

Jewett State #1

2/22/84

TD ~ 15,600'

DRILL DEPTH @

FORMATION TOPS

MADISON 14,820'

AMLSTON 13,935'

WEAVER 11,860'

NO SHOWS

LOST CIRC @ 13,732'

15,245'

MIN 200 ACROSS 9 5/8" SHOES (TAG after set)

① LOST CIRC ZONE DISPOSE WATER ✓

TOP FW @

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**
(FORM 9-329)
(2/78)
OMB 42-RO 356

**MONTHLY REPORT
OF
OPERATIONS**

Lease No. MT-10
 Communitization Agreement No. _____
 Field Name Wildcat
 Unit Name Sweetwater Unit
 Participating Area _____
 County Rich State Utah
 Operator Exxon Corporation
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of February, 19 84

(See Reverse of Form for Instructions)

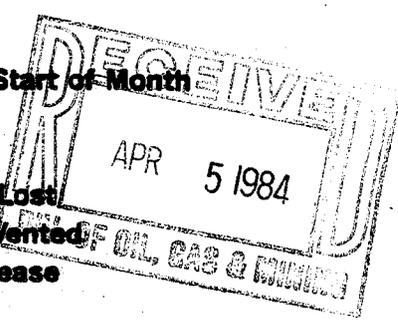
This report is required by law (30 U.S.C. 189, 30 U.S.C. 389, 25 U.S.C. 396 d), regulation (30 CFR 221.69) and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RMB	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1	1 SW/NE	14N	7E	DRG	---	---	---	---	43-033-30041 Drlg. at 15,600' in dolomite Logged.
Orig & lcc: BLM, P. O. Box 2859, Casper, WY 82602 2cc: State of Utah Natural Resources, 4241 State Office Bldg. Salt Lake City, UT 84114 lcc: Drilling Section lcc: Western Exploration Division, Denver, CO lcc: R & R File lcc: Central File lcc: Completion Desk									

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	None	None	None
*Sold	None	None	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	None	XXXXXXXXXXXXXXXXXX
*Used on Lease	None	None	XXXXXXXXXXXXXXXXXX
*Injected	None	None	None
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	None
*Other (Identify)	None	None	None
*On hand, End of Month	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	None	None	XXXXXXXXXXXXXXXXXX



Authorized Signature: Melba Kripling Address: P. O. Box 1600, Midland, Texas 79702
 Title: Unit Head Page 1 of 1
 Date Submitted: March 27, 1984

All ditch and working fluids will be pumped down hole and disposed of properly.

The reserve pit will be back-filled and graded before completion. The pit is set in clay and should retain the fluids quite well.

A production pit will be constructed in the same area as the drilling pit after it is filled and graded.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. ML-31010
Communitization Agreement No. ---
Field Name Wildcat
Unit Name Sweetwater Unit
Participating Area ---
County Rich State Utah
Operator Exxon Corporation
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of March, 19 84

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1	1 SW/NE	14N	7E	DRG	--	--	--	--	Set plugs @ 13650', 10482. Set retainer @ 10303. Set plug @ 10180. Set retainer @ 10017'. FRR ✓ 3-4-84. Waiting on completion unit
Orig & lcc: BLM, P. O. Box 2859, Casper, WY 82602 2cc: State of Utah Natural Resources, 4241 State Office Building Salt Lake City, UT 84114 lcc: Drilling Section lcc: Western Exploration Division, Denver, CO lcc: R & R Accountant lcc: Central File lcc: Completion Desk									
APR 17 1984									

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	NONE	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	NONE	NONE	NONE
*Sold	NONE	NONE	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	NONE	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	NONE	XXXXXXXXXXXXXXXXXX
*Used on Lease	NONE	NONE	XXXXXXXXXXXXXXXXXX
*Injected	NONE	NONE	NONE
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	NONE
*Other (Identify)	NONE	NONE	NONE
*On hand, End of Month	NONE	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	NONE	NONE	XXXXXXXXXXXXXXXXXX

Authorized Signature: Melba Knippling Address: P. O. Box 1600, Midland, TX 79702

Title: Unit Head

Date Submitted: April 13, 1984

Page 1 of 1

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. ML-31010
Communitization Agreement No. ---
Field Name Wildcat
Unit Name Sweetwater Unit
Participating Area -----
County Rich State Utah
Operator Exxon Corporation
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of April, 19 84

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1	1 SW/NE	14N	7E	DRG	--	--	--	--	<p>JUN 14 1984 43-033-30041 Waiting on completion unit.</p> <p>RECEIVED</p> <p>JUN 14 1984</p> <p>DIVISION OF OIL GAS & MINING</p>
<p>Orig. & 1 cc: BLM, P.O. Box 2859, Casper, WY 82602 1 cc: State of Utah Natural Resources, 4241 State Office Building Salt Lake City, Utah 84114 1 cc: Drilling Section 1 cc: Western Exploration Division, Denver, CO 1 cc: R & R Accountant 1 cc: Central File 1 cc: Completion Desk</p>									

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	NONE	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	NONE	NONE	NONE
*Sold	NONE	NONE	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	NONE	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	NONE	XXXXXXXXXXXXXXXXXX
*Used on Lease	NONE	NONE	XXXXXXXXXXXXXXXXXX
*Injected	NONE	NONE	NONE
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	NONE
*Other (Identify)	NONE	NONE	NONE
*On hand, End of Month	NONE	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	NONE	NONE	XXXXXXXXXXXXXXXXXX

Authorized Signature: Melba Kripling Address: P.O. Box 1600, Midland, Texas 79702

Title: Unit Head Page 1 of 1

Date Submitted: June 7, 1984

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. ML-31010
Communitization Agreement No. ---
Field Name Wildcat
Unit Name Sweetwater Unit
Participating Area ---
County Rich State Utah
Operator Exxon Corporation
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of May, 1984

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1	1 SW/NE	14N	7E	DRG	--	---	--	--	43-033-30041 Perf 9404-9520' Ac dz. Swabbed. Set CIBP @ 9200'. Spot plug @ 7000-7100'. Parted 9 5/8" csg @ 4290'. Set pkr @ 2010'. Pump 1729 sx C1 H. Drill out cement to 3747'. Perf. 3478-3528'. Sqz. w/150 sx C1 G.
Orig & lcc: BLM, P. O. Box 2859, Casper, WY 82602									
2cc: State of Utah Natural Resources, 4241 State Office Building, Salt Lake City, UT 84114									
lcc: Drilling Section									
lcc: Western Exploration Division, Denver, CO									
lcc: R & R Accountant									
lcc: Central File									
lcc: Completion Desk									

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	NONE	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	NONE	NONE	NONE
*Sold	NONE	NONE	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	NONE	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	NONE	XXXXXXXXXXXXXXXXXX
*Used on Lease	NONE	NONE	XXXXXXXXXXXXXXXXXX
*Injected	NONE	NONE	NONE
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	NONE
*Other (Identify)	NONE	NONE	NONE
*On hand, End of Month	NONE	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	NONE	NONE	XXXXXXXXXXXXXXXXXX

Authorized Signature: Melba Kripling Address: P. O. Box 1600, Midland, TX 79702

Title: Unit Head Page 1 of 1

Date Submitted: June 7, 1984

THINK IT OUT! WRITE IT OUT!

Jim Engle, Exxon
Okla City

DATE 6/8/84 WELL NO. Freehold #1 LEASE FIELD

Freehold #1

Proposed

13 3/8" @ 2570'

① CIP of above parts of cement above

3478' perfd & std, squeezed out, & now lap into cement 13 3/8" casg, & down hole ~~at~~ to TOC.

TOC @ 5620'

② plug inside of 9 5/8" @ about depth of 13 3/8" shoe.

9 5/8" @ 10,603'

③ surface plug inside 9 5/8" and 9 5/8" x 13 3/8" annulus.

6/11/84

Got call @ 1600.
Dorothy will go out in morning to witness
- JRB

TUBING SIZE AND CAPAC

SIZE	WEIGHT (LB/FT)	ID
1.900	2.90	1.610
2.063	3.25	1.751
2.375	4.70	1.995
2.875	6.40	2.441
2.875	8.60	2.259
3.500	9.30	2.992
3.500	10.20	2.922
3.500	12.95	2.750
4.500	12.75	3.958

E AND CAPACITY

OD	WEIGHT (LB/FT)	ID	BBL/FT
5 1/2	17.00	4.892	0.0232
5 1/2	20.00	4.778	0.0222
5 1/2	23.00	4.670	0.0212
7	17.00	6.538	0.0415
7	20.00	6.456	0.0405
7	23.00	6.366	0.0394
7	26.00	6.276	0.0383
7	32.00	6.094	0.0361
7	35.00	6.004	0.0350
7	38.00	5.920	0.0340

Ron Pyburn,
946-3201



A DIVISION OF BAKER INTERNATIONAL CORPORATION

THINK IT OUT! WRITE IT OUT!

Jim Engle, Exxon
Okla City, FIELD

DATE

6/8/84

WELL NO

Exxon
Sweetwater

LEASE

FIELD

Proposed

13 3/8" @ 2570'

① cut off above parts of cement above

3478'
perfd & sthd
3528'

squeezed out, & now lap into cement
13 3/8" casg, & down hole ~~at~~ to TOC.

TOC @ 5620'

② plug inside of 9 5/8" @ about depth of 13 3/8" shoe.

9 5/8" @ 10,603'

③ surface plug inside 9 5/8" and 9 5/8" x 13 3/8" annulus.

TUBING SIZE AND CAPACITY

SIZE	WEIGHT (LB/FT)	ID	BBL/FT
1.900	2.90	1.610	.0025
2.063	3.25	1.751	.0030
2.375	4.70	1.995	.0039
2.875	6.40	2.441	.0058
2.875	8.60	2.259	.0050
3.500	9.30	2.992	.0087
3.500	10.20	2.922	.0083
3.500	12.95	2.750	.0074
4.500	12.75	3.958	.0152

CASING SIZE AND CAPACITY

OD	WEIGHT (LB/FT)	ID	BBL/FT
4 1/2	9.50	4.090	0.0162
4 1/2	10.50	4.052	0.0159
4 1/2	11.60	4.000	0.0155
4 1/2	12.60	3.958	0.0152
4 1/2	13.50	3.920	0.0149
4 1/2	15.10	3.826	0.0142
5	15.00	4.408	0.0189
5	18.00	4.276	0.0178
5	21.00	4.154	0.0168
5 1/2	14.00	5.012	0.0244
5 1/2	15.50	4.950	0.0238



THINK IT OUT! WRITE IT OUT!

DATE 5/14/84 Exxon Sweetwater Surfing Rich Co, Utah
 WELL NO. 1 State LEASE Sec 1, 4n, 7E FIELD

① 200' cont above packer w/ 9.0#/gal mud in hole

② 100' plug @ 7000'
 Attempt to shoot & pull 9 5/8"

③ 100' plug @ stub

④ 100' plug @ shoe 13 3/8"

⑤ 50 base @ surface

TOE 5020'

4 1/2" permanent packer @ 9200'

9400' - 9520'
 tests 4 SPR (total 465 shots)

9 5/8" @ 10603'

cont. plug @ 10482' - 10764' 9.0#/gal mud

return @ 10017'
 set plug @ 10180'
 return @ 10303'

TUBING SIZE AND CAPACITY

SIZE	WEIGHT (LB/FT)	ID	BBL/FT
1.90	2.90	1.610	.0025
2.03	3.25	1.751	.0030
2.375	4.70	1.995	.0039
2.875	6.40	2.441	.0059
2.875	8.60	2.250	.0060
3.50	9.30	2.992	.0087
3.50	10.20	2.922	.0083
3.50	12.95	2.750	.0074
4.50	12.75	3.958	.0152

CASING SIZE AND CAPACITY

OD	WEIGHT (LB/FT)	ID	BBL/FT
4 1/2	9.50	4.090	0.0162
4 1/2	10.50	4.052	0.0159
4 1/2	11.60	4.000	0.0155
4 1/2	12.60	3.958	0.0152
4 1/2	13.50	3.920	0.0149
4 1/2	15.10	3.826	0.0142
5	15.00	4.408	0.0189
5	18.00	4.276	0.0178
5	21.00	4.154	0.0168
5 1/2	14.00	5.012	0.0244
5 1/2	15.50	4.950	0.0238
5 1/2	17.00	4.892	0.0232
5 1/2	20.00	4.778	0.0222
5 1/2	23.00	4.670	0.0212
7	17.00	6.538	0.0415
7	20.00	6.456	0.0405
7	23.00	6.366	0.0394
7	26.00	6.276	0.0383
7	32.00	6.094	0.0361
7	35.00	6.004	0.0350
7	38.00	5.920	0.0340

15600'



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN DUPLICATE*
(See other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.
ML-31010

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Sweetwater

8. FARM OR LEASE NAME
Sweetwater Unit

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA
Sec. 1, T14N, R7E

12. COUNTY OR PARISH
Rich

13. STATE
Utah

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 _____

2. NAME OF OPERATOR
Exxon Corporation

3. ADDRESS OF OPERATOR
P. O. Box 1600, Midland, TX 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1500' FNL and 1590' FEL of Section
At top prod. interval reported below
At total depth

SW NE

14. PERMIT NO. 43-033-30041 DATE ISSUED 6-29-83

15. DATE SPUNDED 8-26-83	16. DATE T.D. REACHED 2-22-84	17. DATE COMPL. (Ready to prod.) P & A 6-14-84	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6944 Ungraded Ground	19. ELEV. CASINGHEAD
20. TOTAL DEPTH, MD & TVD 15,600		21. PLUG, BACK T.D., MD & TVD 10,017 Surface	22. IF MULTIPLE CORES HOW MANY	23. INTERVALS DRILLED BY → 10 - 15,600
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, AND THICKNESS (MD AND TVD)* ---				25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN
LDT-CNL; Dipmeter; RHC-Sonic; DLL-MSFL; HDT; SW; VDL; CBL; GET

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
13-3/8"	61, 68#	2,570'	17-1/2"	2325 sx Pacesetter; 500 sx	CLH
9-5/8"	43.5	10,603'	12-1/4"	1430 sx Pacesetter Lite;	527 sx CLH

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL (MD)	SHOTS	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
9404 - 9520 w/	465 shots	10,415 - 10,811	Set plug w/ 175 sx CLH (drill out)
3478 - 3528 w/	101 shots	13,650 - 13,775	Set plug w/ 75 sx CLH
100 - 104 w/	8 shots	10,475 - 10,764	Set plug w/ 150 sx CLH

33.* PRODUCTION 10,180-10,459 Set plug w/ 100 sx CLH See Attached

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

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

35. LIST OF ATTACHMENTS _____

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

SIGNED [Signature] TITLE Unit Head DATE 7-24-84

*(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.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUB VERT. DEPTH
			<p style="font-size: 2em; transform: rotate(-45deg); opacity: 0.5;">COPYRIGHTED MATERIAL</p>			
				Nugget	3,580	
				Spkareh	4,672	
				Thaynes	6,103	
				Phosphoria	9,092	
				Fault	10,350	
				Fault	11,300	
				Weber	11,662	
				Fault	12,625	
				Mission Canyon	14,758	

38.

GEOLOGIC MARKERS

EXXON CORPORATION

Sweetwater Unit #1
Rich County, Utah
ML - 31010

#32 Acid, Shot, Fracture, Cement, Squeeze, Etc.

<u>Depth Interval</u>	<u>Amount and Kind of Material Used</u>
9404 - 9520	12,000 gals 15% HCL
9000 - 9200	CIBP, top w/ 200' cement
7000 - 7100	Set plug w/ 35 sx ClH
4290	Parted 9-5/8" csg., pkr @ 2010'. Pump 1729 sx ClH. PBTB @ 3768. Sqz. w/ 450 sx ClG. Drill out.
3478 - 3528	1000 gals 15% HCL
3478 - 3528	CIBP; top w/ 35 sx ClH.
3350 - 3450	Set plug w/ 35 sx ClH
2500 - 2600	Pump 60 sx ClH; retainer at 12'
100 - 104 (Perfs)	

CONFIDENTIAL

Cut off 9-5/8" and 13-3/8" csg and weld on dry hole marker.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**
(FORM 9-329)
(2/76)
OMB 42-RO 356

**MONTHLY REPORT
OF
OPERATIONS**

Lease No. ML-31010
 Communitization Agreement No. ---
 Field Name Wildcat
 Unit Name Sweetwater Unit
 Participating Area ---
 County Rich State Utah
 Operator Exxon Corporation
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of June, 19 84

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
1	1 SW/NE	14N	7E	DRG	--	--			Perf 3478-3528. Acdz. Swab. Set CIBP @ 3450, top w/ 100' cement. Set plug @ 2500 - 2600' w/ 35 sx CIH. Perf 100-104. Pump 60 sx CIH. Cut 9-5/8" & 13-3/8" csg. Weld on dry hole marker. JUL 27 1984 DIVISION OF OIL GAS & MINING JUL 27 1984 FINAL REPORT. 43-033-30041
Orig. & lcc: BLM, P. O. Box 2859, Casper, WY 82602 2cc: State of Utah natural Resources, 4241 State Office Building, Salt Lake City, UT 84114 lcc: Drilling Section lcc: Western Exploration Division, Denver, CO lcc: R & R Accountant lcc: Central File lcc: Completion Desk									

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	NONE	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	NONE	NONE	NONE
*Sold	NONE	NONE	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	NONE	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	NONE	XXXXXXXXXXXXXXXXXX
*Used on Lease	NONE	NONE	XXXXXXXXXXXXXXXXXX
*Injected	NONE	NONE	NONE
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	NONE
*Other (Identify)	NONE	NONE	NONE
*On hand, End of Month	NONE	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	NONE	NONE	XXXXXXXXXXXXXXXXXX

Authorized Signature: [Signature] Address: P. O. Box 1600, Midland, TX 79702
 Title: Unit Head Page 1 of 1
 Date Submitted: July 23, 1984

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

SUBMIT TRIPLICATE
(Other instructions on reverse side)

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.)		5. LEASE DESIGNATION AND SERIAL NO. ML-31010
1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER Dry		6. IF INDIAN, ALLOTTEE OR TRIBE NAME --
2. NAME OF OPERATOR Exxon Corporation		7. UNIT AGREEMENT NAME Sweetwater
3. ADDRESS OF OPERATOR P. O. Box 1600, Midland, TX 79702		8. FARM OR LEASE NAME Sweetwater Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1500' FNL and 1590' FEL of Sec. 1 (SW/NE)		9. WELL NO. 1
14. PERMIT NO. 43-033-30041		10. FIELD AND POOL, OR WILDCAT Wildcat
15. ELEVATIONS (Show whether OF, RT, GR, etc.) 6944' Ungraded ground		11. SEC., T., R., M., OR BLK. AND SUBSTY OR AREA Sec. 1, T14N, R7E
		12. COUNTY OR PARISH Rich
		13. STATE Utah

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"/>	FULL OR ALTER CASING <input type="checkbox"/>	PERMANENT SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	PERMANENT TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	(Other) _____

(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.)

The above well was plugged and abandoned on June 14, 1984 in the following manner:

3350 - 3450' CIBP, top w/ 35 sx ClH
 2500 - 2600' plug w/ 35 sx ClH
 Perf 100 - 140' w/ 8 shots, set retainer @ 12' and pump 60 sx ClH to surface
 Cut 9-5/8" and 13-3/8" csg and weld on dry hole marker.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 7/11/84
BY: *John R. Berg*

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

SIGNED: *[Signature]* TITLE: Unit Head DATE: 7-24-84

(This space for Federal or State office use)

APPROVED BY: _____ TITLE: _____ DATE: _____
 CONDITIONS OF APPROVAL, IF ANY:



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

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

September 25, 1984

Exxon Corporation
P.O. Box 1600
Midland, Texas 79702

W/C sent 11-1-84

Gentlemen:

Re: Well No. Sweetwater Unit #1 - Sec. 1, T. 14N., R. 7E.
Rich County, Utah - API #43-033-30041

This letter is to advise you that the "Well Completion or Recompletion Report and Log" for the above referred to well is due and has not been filed with this office as required by our rules and regulations.

Rule C-22 of The Oil and Gas Conservation General Rules and Regulations and Rules and Practice and Procedure states:

Where the well is in the process of being drilled, said report must be made for each calendar month, beginning with the month in which drilling operations were initiated and must be filed on or before the sixteenth (16) day of the succeeding month.

Please complete the enclosed Form OGC-3 and forward it to this office as soon as possible.

Sincerely,

Claudia L. Jones
Well Records Specialist

clj
Enclosure
cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File
00000005/15



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
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September 25, 1984

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Please complete the enclosed Form OGC-3 and forward it to this office as soon as possible.

Sincerely,

A handwritten signature in cursive script that reads "Claudia L. Jones".

Claudia L. Jones
Well Records Specialist

clj
Enclosure
cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File
00000005/15

EXXON COMPANY, U.S.A.

POST OFFICE BOX 1600 • MIDLAND, TEXAS 79702

PRODUCTION DEPARTMENT
MIDCONTINENT DIVISION

October 30, 1984

Sweetwater Unit #1
Sec. 1, T14N, R7#
Rich County, Utah
Lease No. - ML-31010

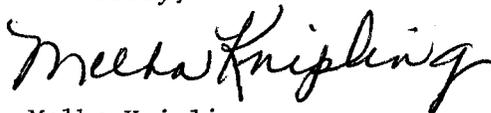
Ms. Claudia L. Jones
State of Utah Natural Resources
Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

Dear Ms. Jones:

In response to your request of September 25, 1984 we are enclosing the Well Completion Report and logs for the above mentioned well. In accordance with Rule C-5(b) of the Oil and Gas Conservation General Rules and Regulations And Practice and Procedure we request that you hold the enclosed confidential for the maximum period of time not to exceed four (4) months.

We are sorry for the delay in the filing of this material. Please let us know if there is anything else we need to do.

Sincerely,



Melba Knipling
NGPA and Permits

lsj

Enclosures

xc: Ray Fabra
Linda Jones
Central File

RECEIVED

NOV 01 1984

**DIVISION OF OIL
GAS & MINING**

Well Inspections

Date Mod 10/26/1999

Inspection Tracking Press/Rest

API Well No. 43-033-30041-00-00 Owner EXXON CORPORATION County RICH
 Well Name SWEETWATER ST 1
 WI Typ Unknown Fcity/Proj NA Well Status Plugged and Abandoned
 Well S-T-R S:1 T:14N R:7E
 Directions

Inspect No.	Type	Purpose	Responsible Company	80420
JLT0003561	Plugging		EXXON CORPORATION	

Violation? SNC? OK.
 Notification Type

C
M
M
N
T

Write/View Violation
 Date Inspected 08/02/1984
 Date NOV
 Date RndyReq
 Date Extension
 Date Passed

Failed Items

Fail Code	Status	Description

Comply# Incident# Inspector Duration