

UTAH OIL AND GAS CONSERVATION COMMISSION



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

DATE FILED **10-17-85**

LAND FEE & PATENTED _____ STATE LEASE NO _____ PUBLIC LEASE NO _____ INDIAN **14-20-603-410**

DRILLING APPROVED: **10-24-85 - OIL**

SPUDDED IN: _____

COMPLETED _____ PUT TO PRODUCING: _____

INITIAL PRODUCTION: _____

GRAVITY API _____

GOR _____

PRODUCING ZONES _____

TOTAL DEPTH: _____

WELL ELEVATION: _____

DATE ABANDONED: *NA. Application Rescinded 4-22-86*

FIELD: **GREATER ANETH**

UNIT: **WHITE MESA**

COUNTY: **SAN JUAN**

WELL NO: **WHITE MESA UNIT 3-42** API #**43-037-31211**

LOCATION: **2401' FNL** FT FROM (N) (S) LINE. **749' FEL** FT FROM (E) (W) LINE. **SE NE** 1/4 - 1/4 SEC **3**

TWP.	RGE	SEC.	OPERATOR	TWP.	RGE	SEC.	OPERATOR
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42S	24E	3	SUPERIOR OIL COMPANY				
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Mobil Oil Corporation

P.O. DRAWER G
CORTEZ, COLORADO 81321

October 14, 1985

Mr. Mat N. Millenbach
Area Manager
U. S. Department of Interior
Bureau of Land Management
Caller Service 4104
Farmington, New Mexico 87499

Re: Surface Use Development Plan
Proposed Well
White Mesa Unit #3-42
2401' FNL, 759' FEL
SENE Section 3, T42S, R24E
San Juan County, Utah
Navajo Lease #14-20-603-410

Gentlemen:

We submit this Surface Use Development Plan with the APD, Form 3160-3, for the above referenced well and the plan is as follows:

1. To reach the location start in Montezuma Creek, Utah, and go .7 mile south and across the San Juan River on paved County Road 409 to the junction of County Road 409 and County Road 406; then go east 1.2 miles on County Road 406 to the junction of County Road 406 and County Road 457; then turn left and go 5.9 miles to a junction, before Lone Mountain Canyon Wash; then turn right (south) and go 3.7 miles to White Mesa Battery 106; then go southwest up the mesa and past White Mesa Unit #2-12 approximately .8 mile to the start of the access road.
2. An access road of approximately 750' will be constructed from the existing road and approximately .2 mile of existing will be improved.
3. Attached is Plat #3 showing existing wells in the area as our information shows it.
4. Superior/Mobil has production facilities, Battery 106, within 5200' of the well location and pipelines will be constructed paralleling the road from the well to the battery. 1770' of electrical powerline will be constructed from the existing powerline to the east of the well.

5. Location and type of water supply will be from Superior/Mobil's White Mesa Unit fresh water supply wells near the San Juan River (NE Section 13, T41S, R24E, SLM). Appropriate water permits have been obtained from the Navajo Tribe. Water will be trucked to the location over existing road and access road to be built.
6. Some construction material necessary to build the drilling pad will be obtained from the location and access road. The location is in a clayey area and capping of the pad will be necessary. At least 1 foot thick of the capping of the pad and access road will be done for the drilling of this well. The needed capping material to maintain access road or top off drilling pad will be obtained locally or transported from a privately owned pit .25 mile west of Montezuma Creek. The eastward downhill drainage will be diverted around the east and west sides of the location.
7. Methods of handling waste disposals are as follows:
 - A. A trash or burn pit, an earthen pit 6 to 8 feet deep with steep sides and mesh wire fencing, will be constructed in the northeast corner of the reserve mud tanks.
 - B. The reserve mud pits will be located on south side of the location for the drilling mud, cuttings and fluids. The reserve pit will be fenced on three sides away from the pad while drilling and the fourth side will be fenced as soon as the drilling rig moves out. When drilling operations are complete, the reserve pit will be allowed to dry naturally and then be backfilled, leveled and contoured to the original landscape as much as possible.
 - C. Chemical toilets, meeting OSHA approval, will be provided and maintained during drilling operations.
8. The support facilities consisting of two small mobile homes for use by supervisory personnel of Superior/Mobil and the drilling contractor will be parked on the north edge of location as shown on the attached Plat #4 during drilling operations. No additional or other ancillary facilities are anticipated at this time.
9. A plat of the proposed drill pad and its location relative to topographic features is attached (see Plat #2). Diagrams showing cross section cuts and fills, site organization, and drilling rig orientation are contained in Plat #4 and #6.
10. Upon completion of the drilling operations and if the well is deemed dry, and/or not usable for unit secondary recovery operations, then the location and the access road will be cleaned and restored to the original topographical contours as much as possible and reseeded in accordance with the requirements and stipulations of the Bureau of Indian Affairs. The material used to cap the drilling pad and access road will be ripped in during restoration.

11. The land at the location and all the land crossed by the access road to be constructed is Navajo Tribal Lands and managed by the Bureau of Indian Affairs, Shiprock Agency, Shiprock, New Mexico.
12. Any additional questions, requests and/or anticipated developments will be channeled through the appropriate individuals of the BLM and BIA. Superior/Mobil Oil has not selected a drilling contractor at this time. All dirt contractors bidding for the location construction were in attendance during the pre-drill site inspection.
13. As for the contacts with Superior/Mobil Oil, the following are company and contract representatives:

Permitting--C. J. Benally
Construction--C. D. Likes
Drilling--J. E. Gagneaux
Mailing Address--P. O. Drawer G
Cortez, Co. 81321
Telephone--303-565-3733 (24 hrs.)
Dirt Contractor--Not yet determined
Drilling Contractor--Not yet determined

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 currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with operations proposed herein will be performed by Super/Mobil Oil and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. The statement is subject to the provision of 18 U. S. C. 1001 for the filing of a false statement.

MOBIL OIL CORPORATION,
as agent for
THE SUPERIOR OIL COMPANY



C. J. Benally
Sr. Regulatory Coordinator

CJB:dw

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 SUPERIOR OIL CO., through its Agent, MOBIL OIL CORP.

3. ADDRESS OF OPERATOR
 P. O. DRAWER G, CORTEZ, CO. 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface: 2401' FNL, 749' FEL, Sec. 3, ~~NWNE~~
 At proposed prod. zone: SE NE
 Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 6.8 mi. south southeast of Montezuma Creek, Utah 84534

16. NO. OF ACRES IN LEASE: 1600

17. NO. OF ACRES ASSIGNED TO THIS WELL: 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 900'

19. PROPOSED DEPTH: 5930'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 Ungraded ground level 5045.6 Proposed Pad: 5040'

22. APPROX. DATE WORK WILL START*
 March, 1985

5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-410

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 NAVAJO

7. UNIT AGREEMENT NAME
 WHITE MESA

8. FARM OR LEASE NAME

9. WELL NO.
 3-42

10. FIELD AND POOL, OR WILDCAT
 GREATER ANETH

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 3, T42S, R24 E
 SIM

12. COUNTY OR PARISH 13. STATE
 SAN JUAN UTAH

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	54.5# K-55	80'	cmt to surface
12-1/4"	9-5/8"	36# K-55	1675'	cmt to surface
8-3/4"	7"	23# K-55	5930' TD	1 cmt from TD to 4500'
				2 cmt from 2950' to 2400'

Superior Oil, through its Agent, Mobil Oil Corporation, proposes to drill a well to 5930' to test the Ismay and Desert Creek formations. If productive, we will run casing and complete. If dry, and not usable for secondary recovery, we will plug and abandon as per BLM, BIA and State of Utah regulations.

APPROVED BY THE STATE
 OF UTAH DIVISION OF
 OIL, GAS, AND MINING
 DATE: 10/24/85
 BY: John R. Buser
 WELL SPACING: A-3 Unit Well

RECEIVED
 OCT 17 1985
 DIVISION OF OIL
 GAS & MINING

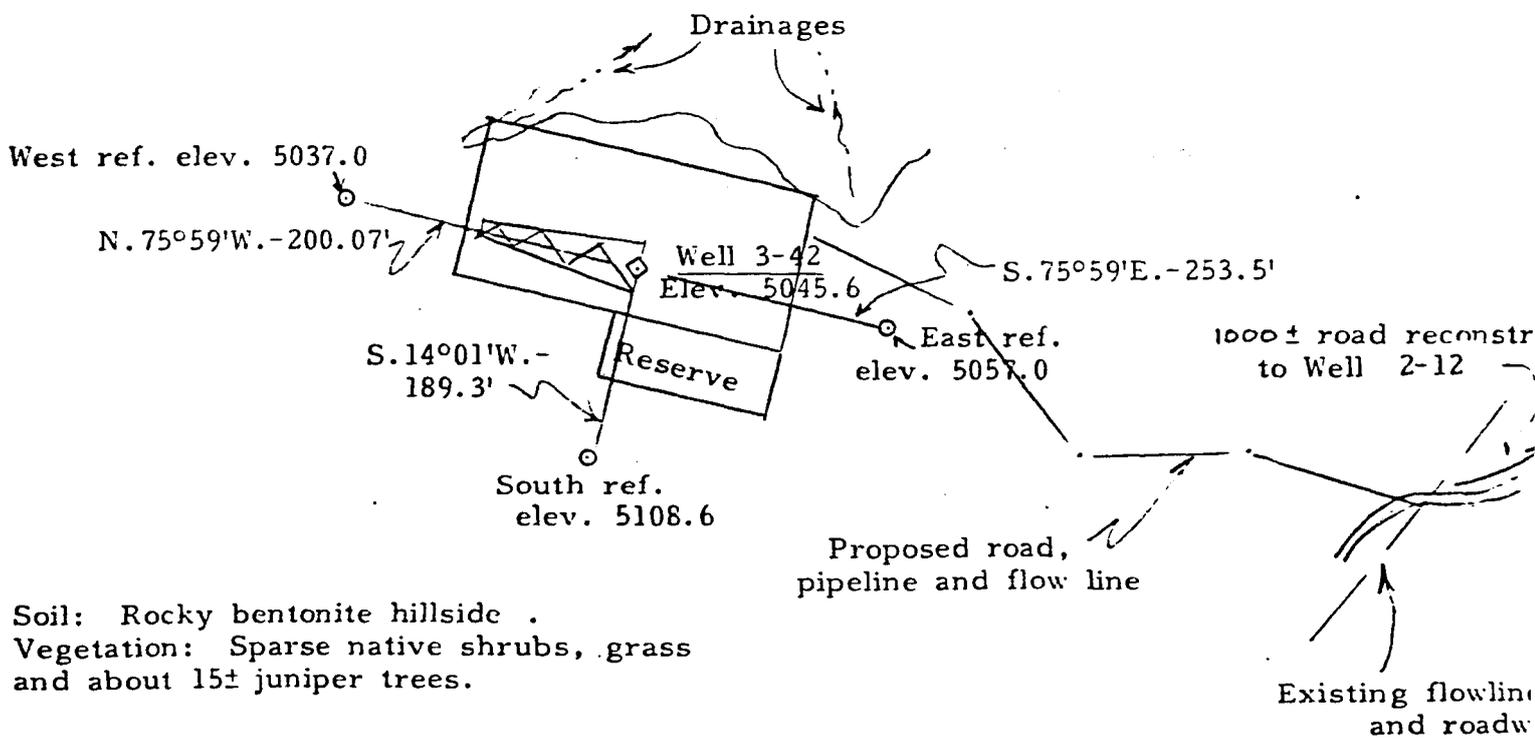
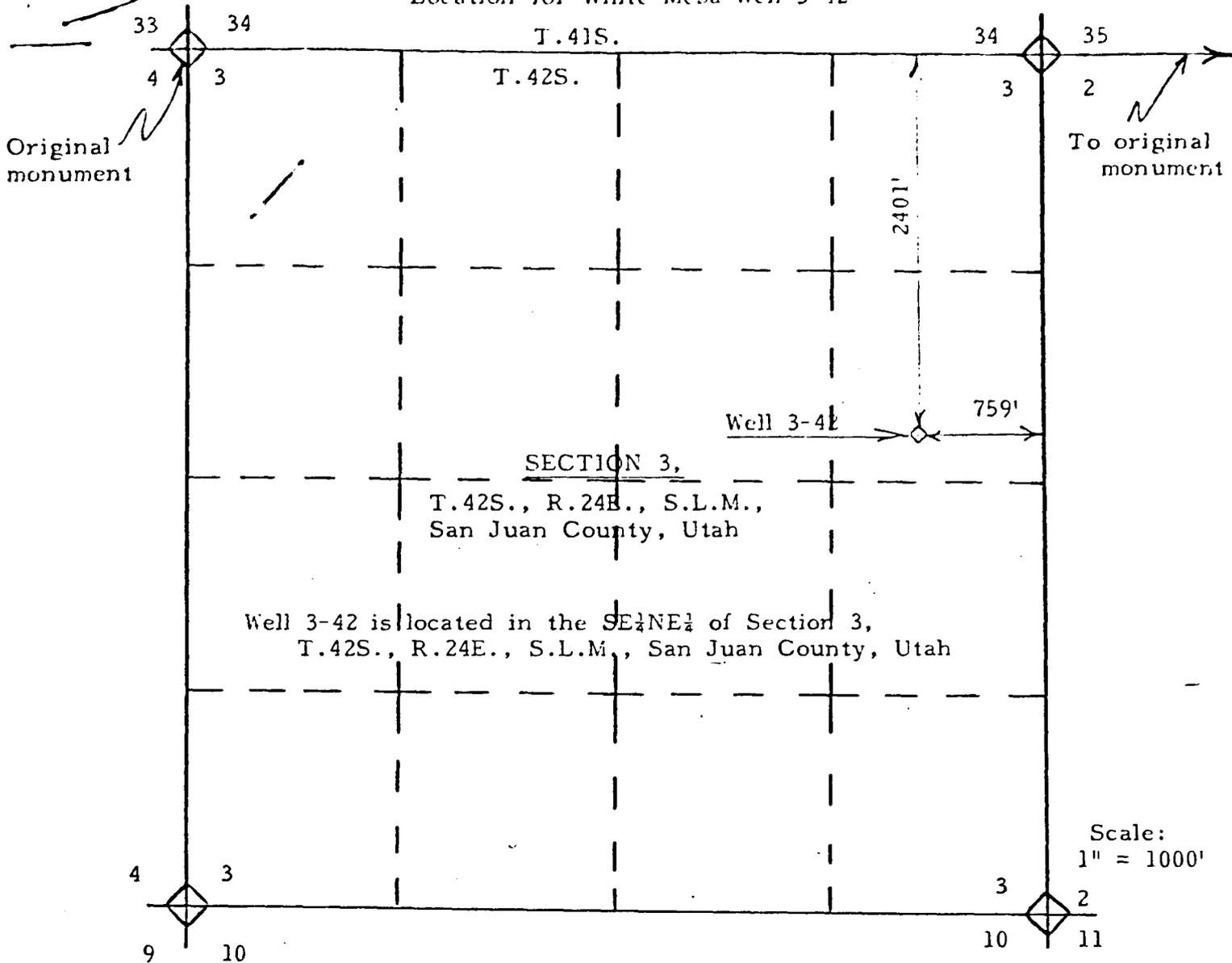
IN ABOVE SPACE DESCRIBE PROPOSED PER zone. If proposal is to drill or deepen preventer program, if any. present productive zone and proposed new productive zone and proposed new productive zone. Give blowout preventer program, if any.

24. SIGNED Clyde J. Benally TITLE Sr. Regulatory Coordinator DATE Oct. 14, 1985
C. J. Benally

PERMIT NO. 43 037-31211 APPROVAL DATE _____

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

*See Instructions On Reverse Side



Soil: Rocky bentonite hillside .
Vegetation: Sparse native shrubs, grass and about 15± juniper trees.

Scale: 1" = 200'



KNOW ALL MEN BY THESE PRESENTS: THAT I, FREDRIC P. THOMAS do hereby certify that I prepared this plat from an actual and accurate survey of the land and that the same is true and correct to the best of my knowledge and belief.

Fredric P. Thomas
FREDRIC P. THOMAS
Reg. L.S. and P.E.
Colo. Reg. No. 6728
Utah Reg. No. 4346

Engineering by
Solar observation

Plot No. 7

THOMAS Engineering Inc.

215 N. Linden
Cortez, Colorado
565-4496



APPENDIX IV

DENVER E&P DIVISION - WEST
MOBIL OIL CORPORATION
DRILLING ENGINEERING

SEPTEMBER 13, 1985

DRILLING PERMIT
APPLICATION DATA

NAME AND LOCATION:

WHITE MESA UNIT #3-42
SE NE Section 3-T42S-R24E
San Juan County, Utah

ELEVATION: 5046' Ungraded ground level.

<u>FORMATION TOPS:</u>	<u>DEPTH FROM G. L.</u>
Chinle	1623'
DeChelly	2787'
Organ Rock	3038'
Hermosa	4724'
Ismy	5572'
Gothic Shale	5722'
Desert Creek (Primary objective)	5739'
Chimney Rock	5889'
TD	5930'

DRILLING PROCEDURE:

1. Prepare location. Use rathole digger to drill a 17-1/2' conductor hole to 80'. Run two joints of 13-3/8" to bottom and cement to surface.
2. Move in and rig up drilling rig.
3. Drill a 12-1/4" hole to 1675' using lightly treated fresh water.
4. Run 9-5/8" casing to bottom and cement to surface. Nipple up BOPE. Test BOPE and casing to 1000 psi prior to drilling out.
5. Drill out cement and float equipment and drill an 8-3/4" hole to TD. Begin mudding up to a LSND system at about 2000'.
6. Run recommended logs, condition hole and run 7" casing to TD. Cement in two stages, as recommended in the cement program.
7. Release rig and prepare well for completion.

CASING AND CEMENT:

<u>STRING</u>	<u>SIZE</u>	<u>WEIGHT & GRADE</u>	<u>CPLG</u>	<u>DEPTH</u>	<u>CEMENT</u>
Conductor	13-3/8"	54.5# K-55	ST&C	0'-80'	Circulate to surf. (100 cu. ft.)
Surface	9-5/8"	36.0# K-55	ST&C	0'-1675'	Circulate to surf. (500 cu. ft.)
Production	7"	23# K-55	LT&C	0'-5930'	Cement first stage from TD to about 4500' (285 cu. ft.) and second stage from stage collar at 2950' to about 2400' (110 cu. ft.)

MUD PROGRAM:

<u>INTERVAL</u>	<u>TYPE OF SYSTEM</u>	<u>WEIGHT</u>
0'-2000'	Fresh Water/Native Mud	8.8-9.2
2000'-TD	LSND	9.5-11.0

LOGGING PROGRAM:

Surface hole: None

Production hole: DIL/SFL/GR/SP
 CNL/FDC/GR w/Caliper
 Sonic-GR-Caliper

WELL CONTROL EQUIPMENT:

12-1/4" Surface Hole (80'-1240')

One 13-3/8" casing head w/two 3" valves welded on for a diverter system.

One 13-5/8" annular BOP.

8-3/4" Production Hole (1240'-TD)

One 11" x 3000 psi annular BOP.

One 11" x 3000 psi double ram BOP.

One 11" x 3000 psi drilling spool (w/flanged kill line and choke line outlets).

CHOKE MANIFOLD:

One 2-1/16" x 3000 psi dual wing manifold. Each wing with two manual valves and one choke. One positive choke and one adjustable choke.

HIGH PRESSURE OR H₂S GAS:

High pressure gas or gas containing detectable H₂S are not anticipated while drilling this well.

TESTING:

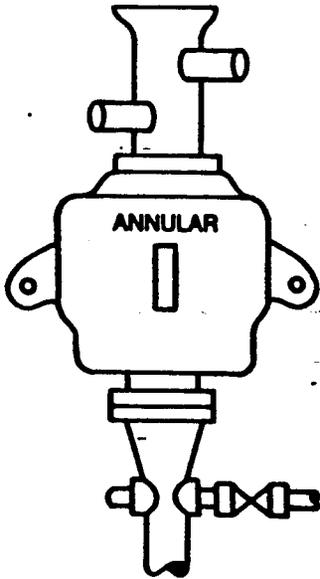
No DST's or coring are planned.
Production test after initial completion.

WE Ward

W. E. Ward

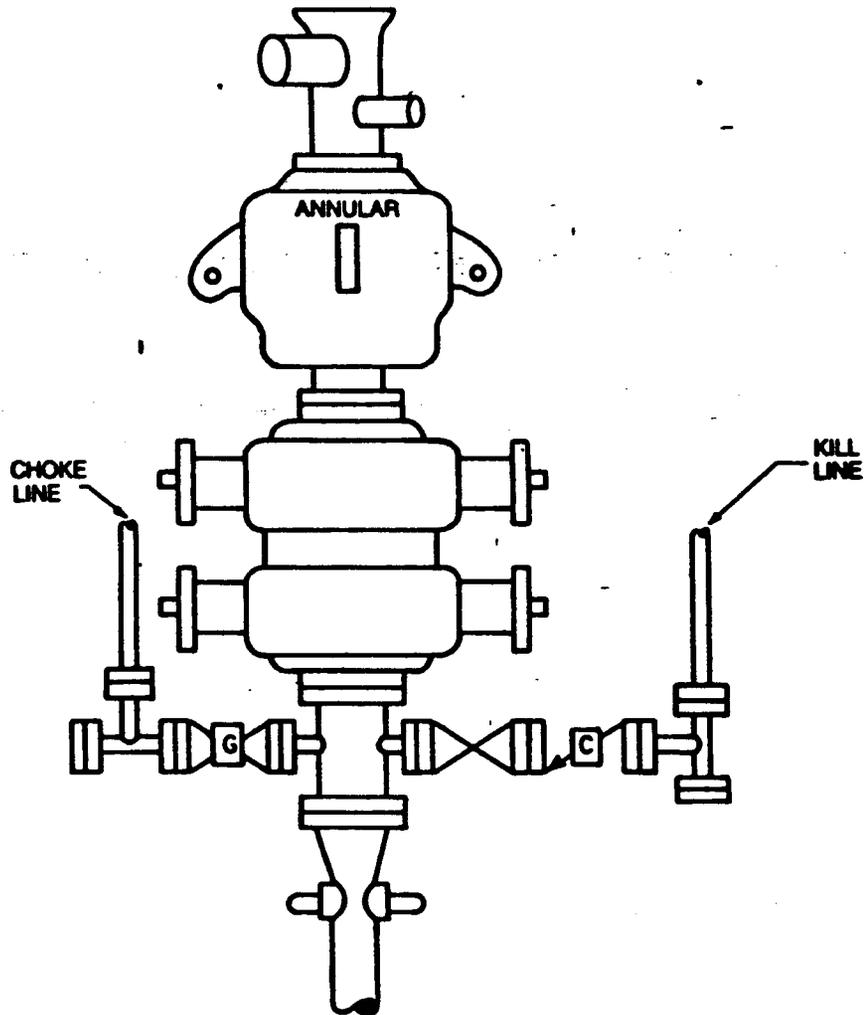
BOP EQUIPMENT - ANETH AREA

13-3/8" Casing BOPE



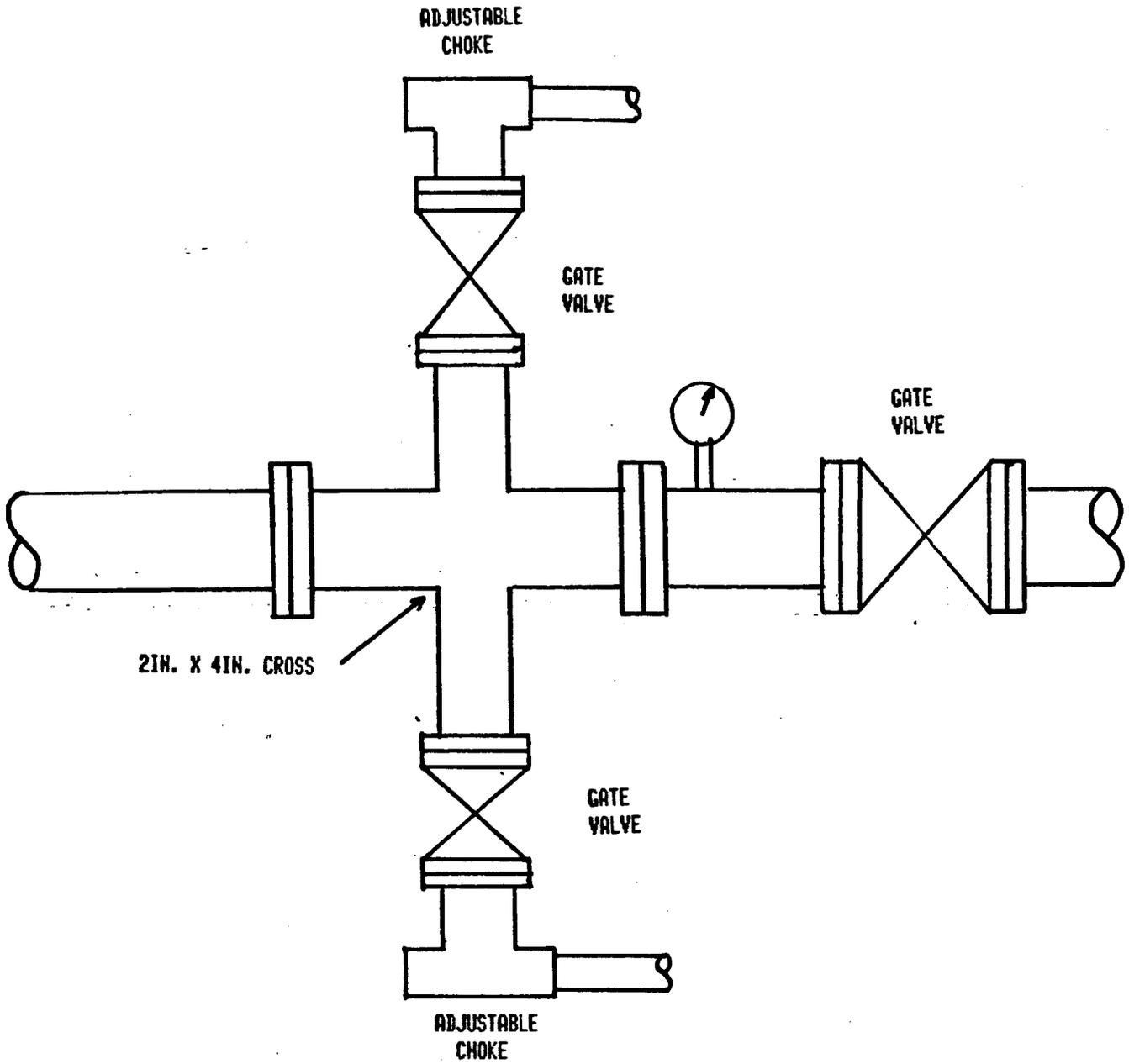
9-5/8" Casing BOPE

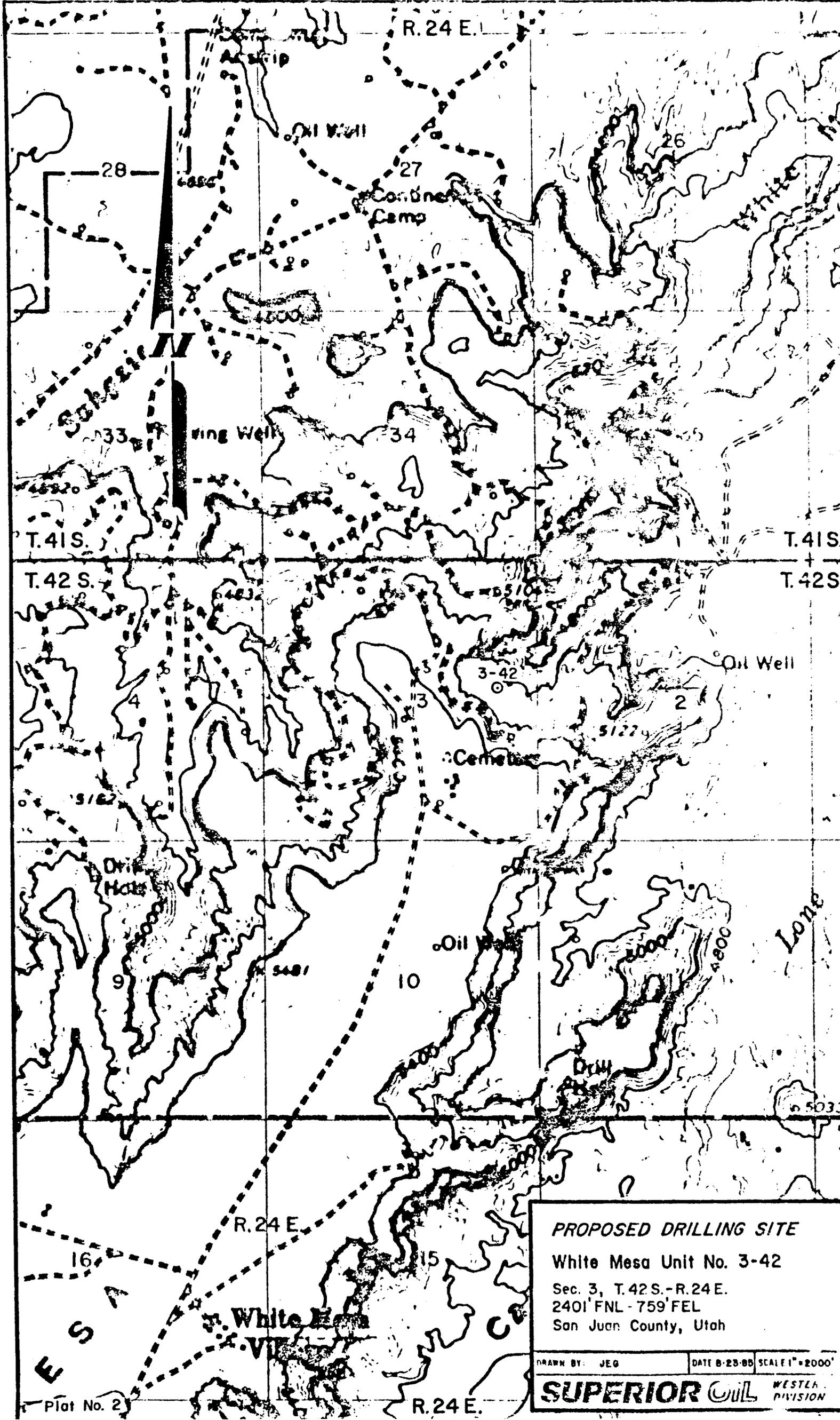
11" - 3000 psi WP



CHOKE MANIFOLD - ANETH AREA

3000 psi WP

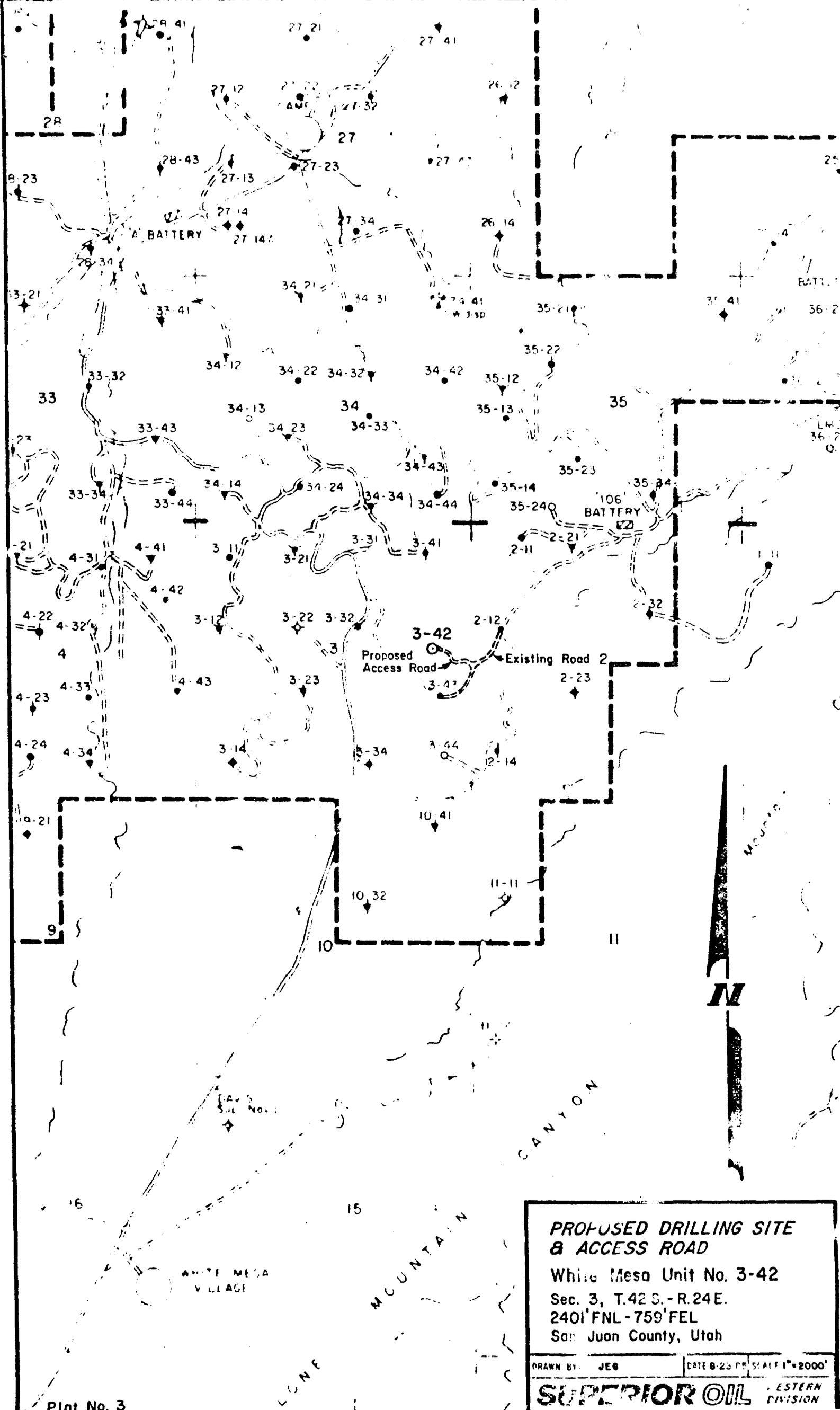




PROPOSED DRILLING SITE
 White Mesa Unit No. 3-42
 Sec. 3, T.42S.-R.24E.
 240' FNL - 759' FEL
 San Juan County, Utah

DRAWN BY: JEG DATE: 8-25-65 SCALE: 1" = 2000'
SUPERIOR OIL WESTERN DIVISION

Plot No. 2



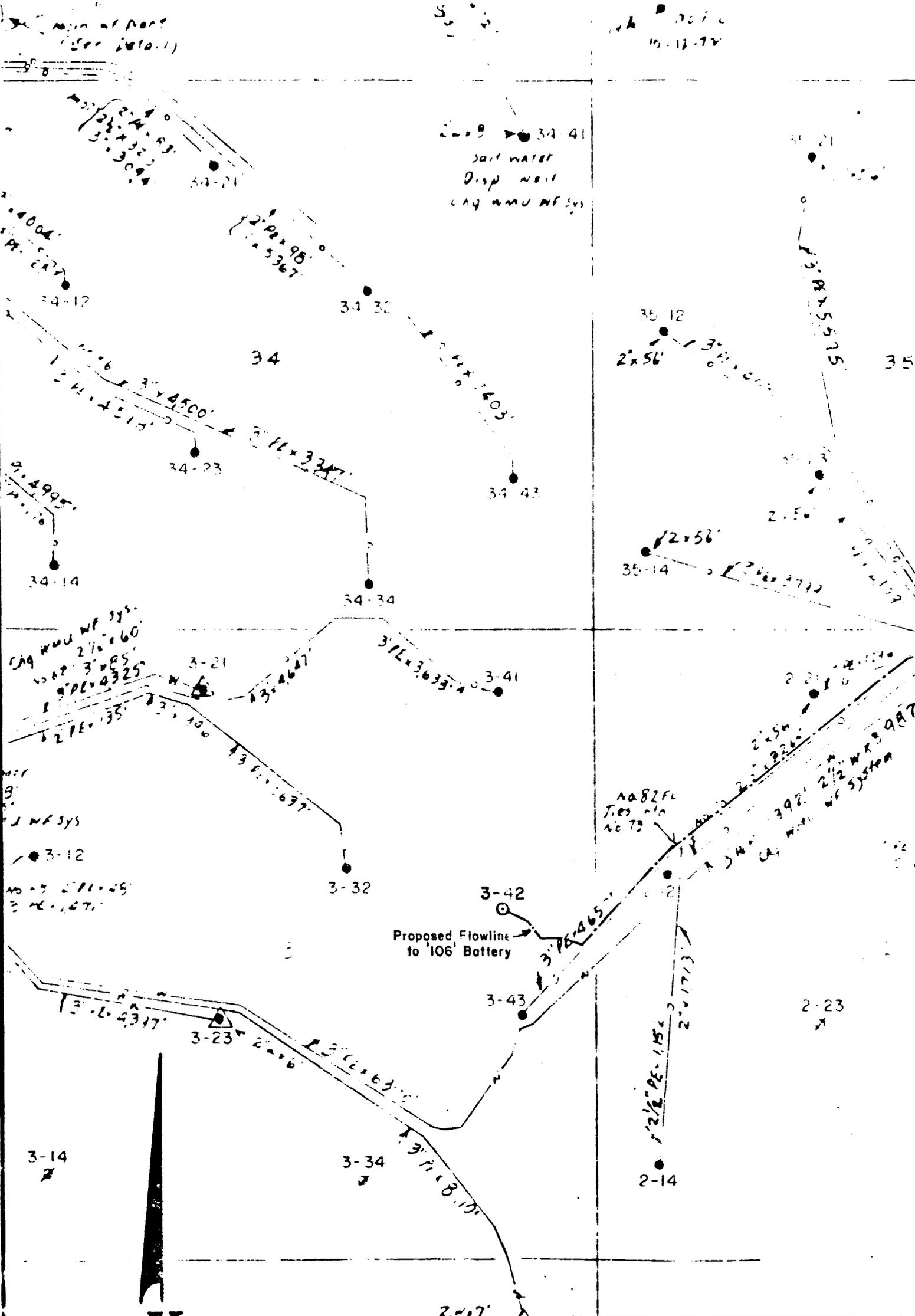
**PROPOSED DRILLING SITE
& ACCESS ROAD**

White Mesa Unit No. 3-42
 Sec. 3, T.42 S.-R.24 E.
 2401' FNL - 759' FEL
 San Juan County, Utah

DRAWN BY: JES	DATE: 8-23-55	SCALE: 1"=2000'
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SUPERIOR OIL EASTERN DIVISION

Plot No. 3



2-29
 Salt Water
 Disp Well
 CAG WWD WF Sys

Proposed Flowline
 to '106' Battery

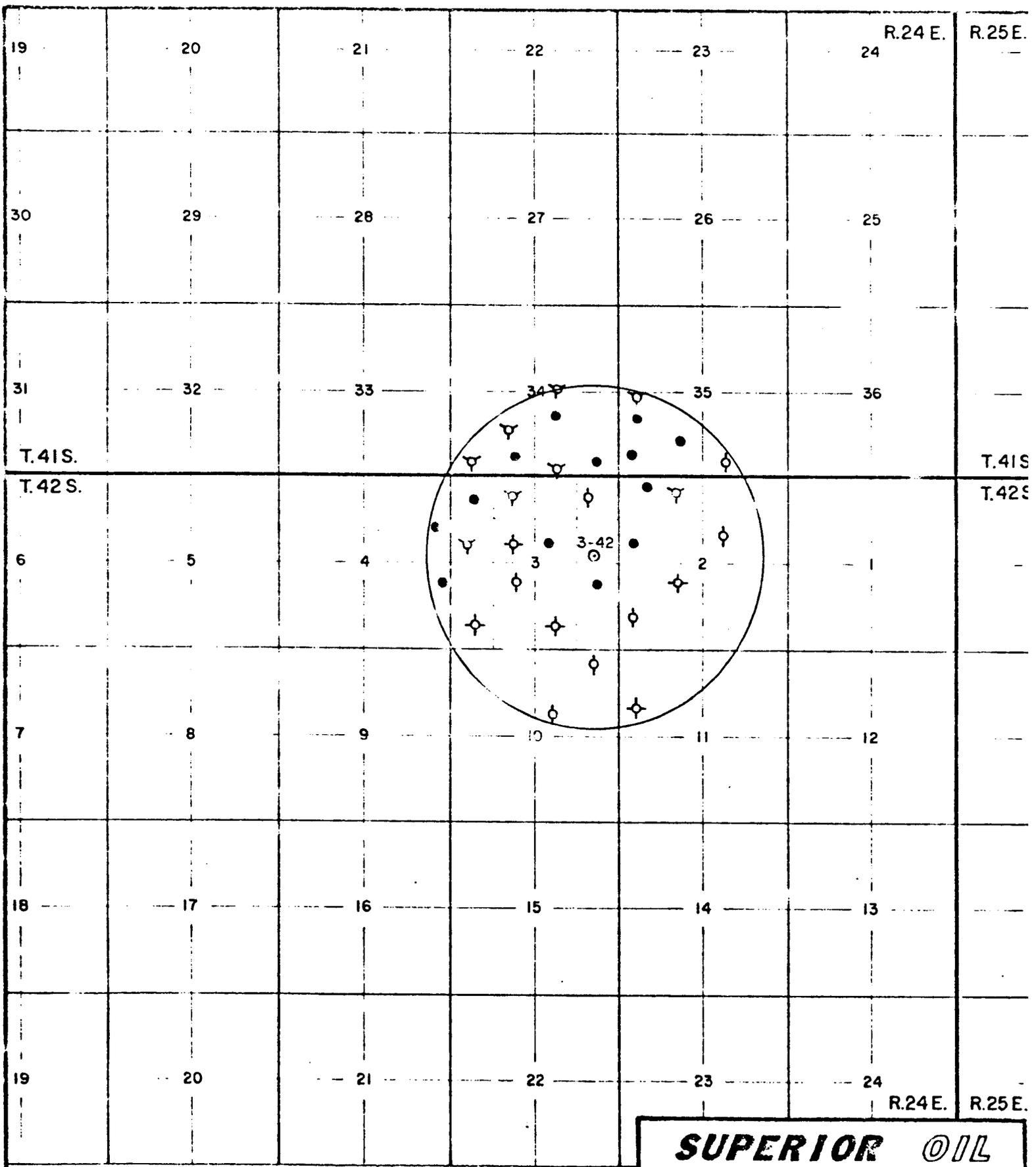


**PROPOSED DRILLING SITE
 & FLOWLINE**
 White Mesa Unit No. 3-42
 Sec. 3, T.42 S.-R.24 E.
 2401' FNL-759' TEL
 San Juan County, Utah

DRAWN BY JEG DATE 8-28-88 SCALE 1"=2000'

SUPERIOR OIL WESTERN DIVISION

10-32
 P.S.D.
 No. FL



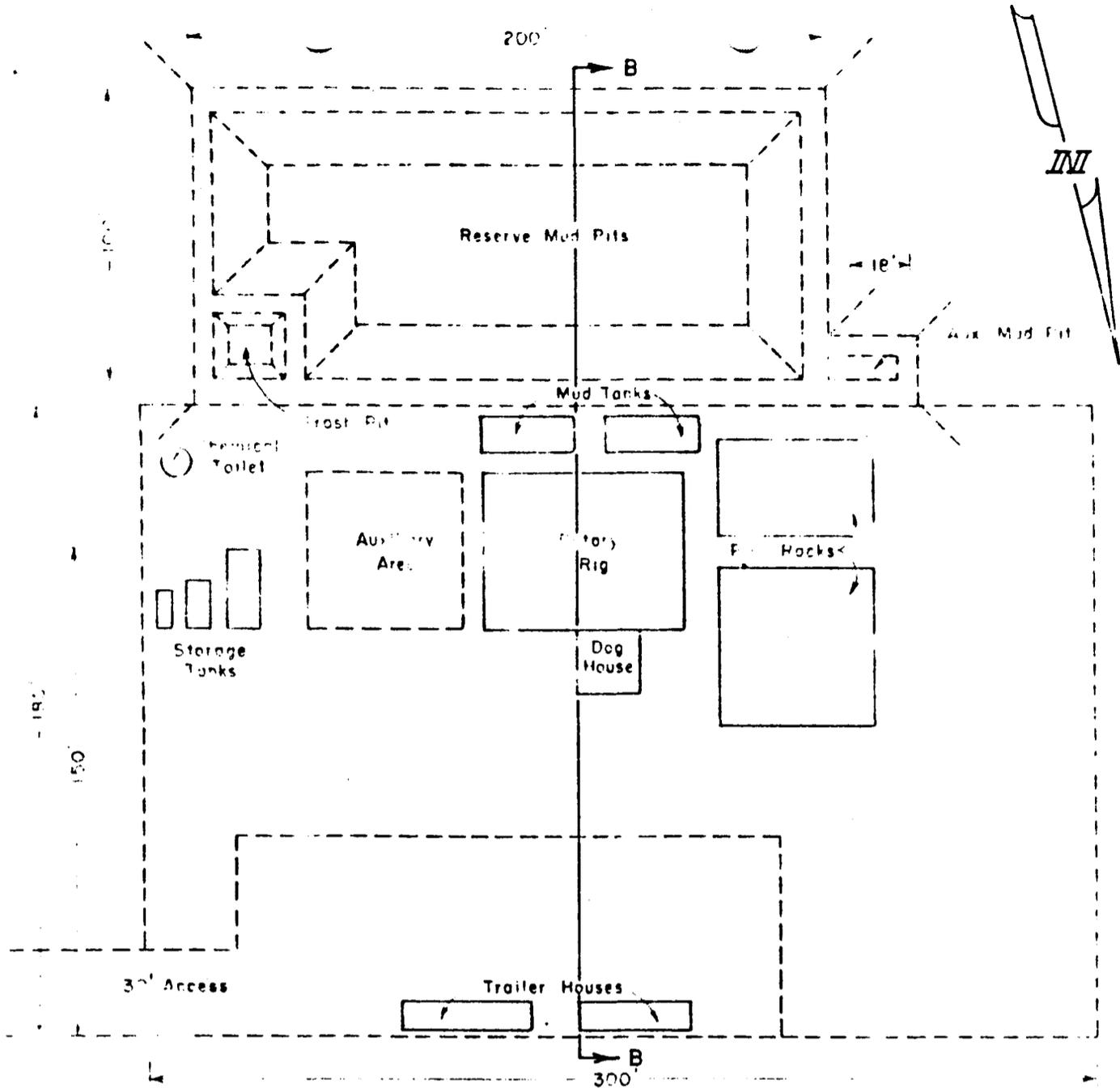
- Proposed Well
- Producing Well
- ✱ Gas Well
- ∩ Water Injection Well
- ◊ Temporarily Abandoned
- ⊕ Plugged and Abandoned

SUPERIOR OIL

**EXISTING WELLS
SURROUNDING
PROPOSED WELL**

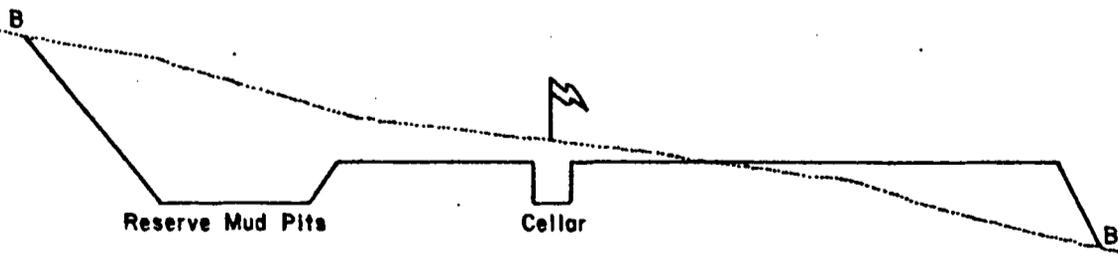
0 1/2 1 mile

By JEG Date 8-23-85

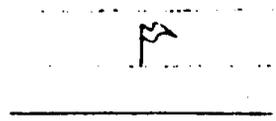


The Drilling Pad will be graded and compacted, and composed of native materials.

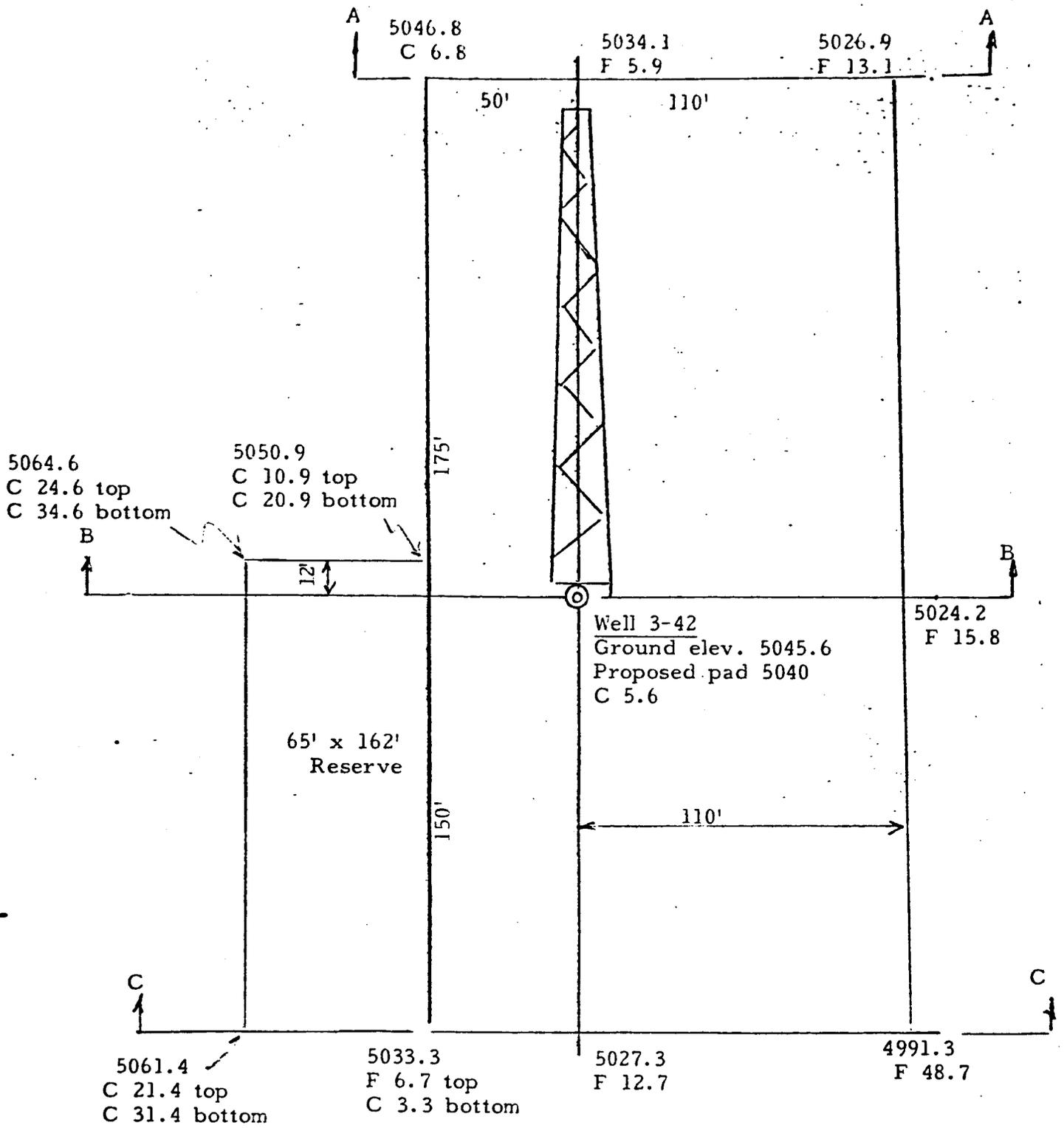
PROPOSED WELL SITE
 M.C.U. 3-42
 Original Elev. 5045.6'



Original Contour
 Reference Point
 Graded Proposal



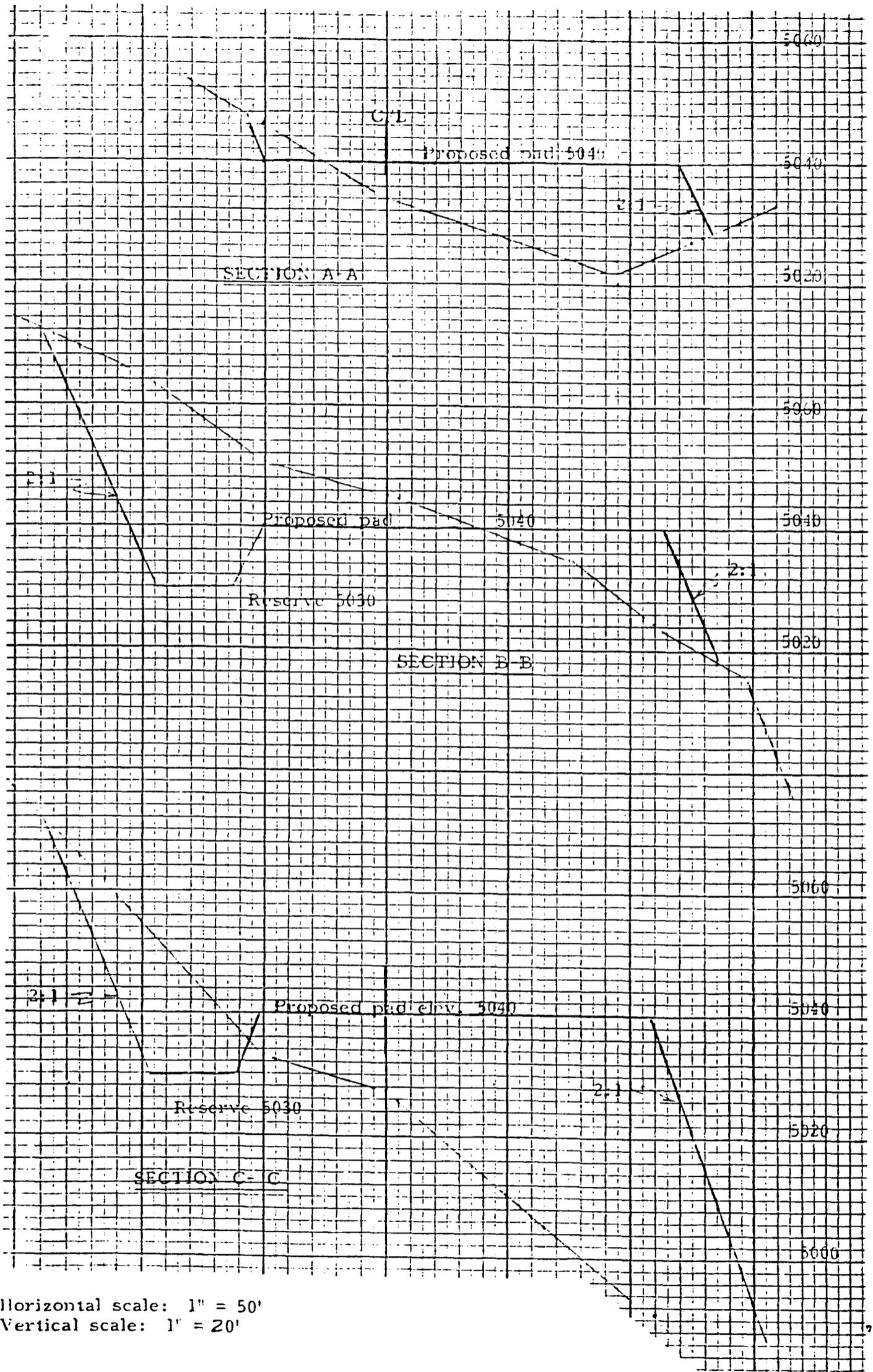
THE SUPERIOR OIL CO
 CORP. ENGINEERING DEPARTMENT
 RIG LAYOUT & DRILL
 PAD CROSS SECTION
 White Mesa Unit No. 3-42
 Sec. 3, T.4N-S-R.24E.
 San Juan County, Utah
 BY JEC DATE 8-26-85



Scale: 1" = 50'

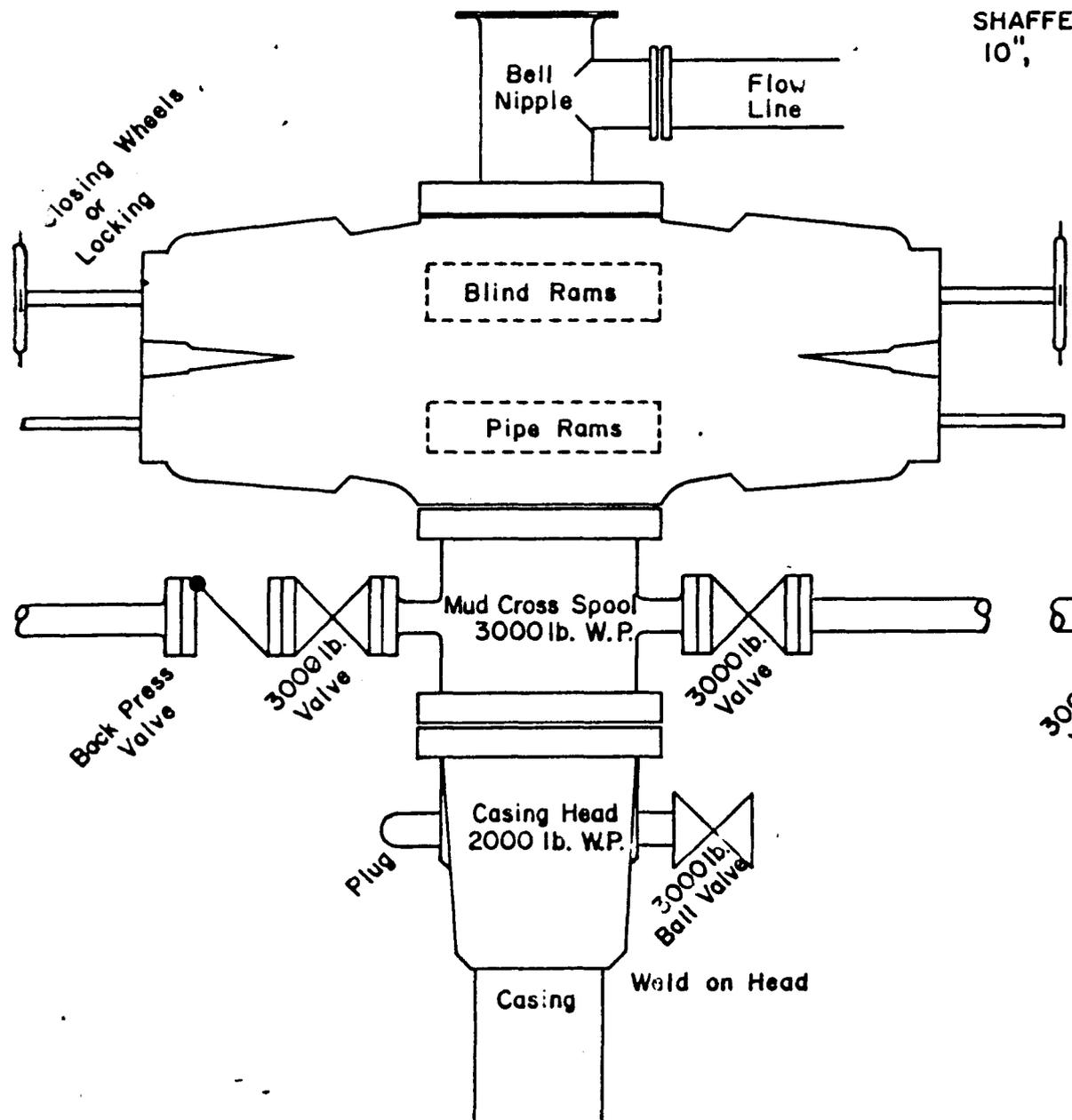
THOMAS Engineering Inc.

25 N. Linden
Cortez, Colorado
565-4496

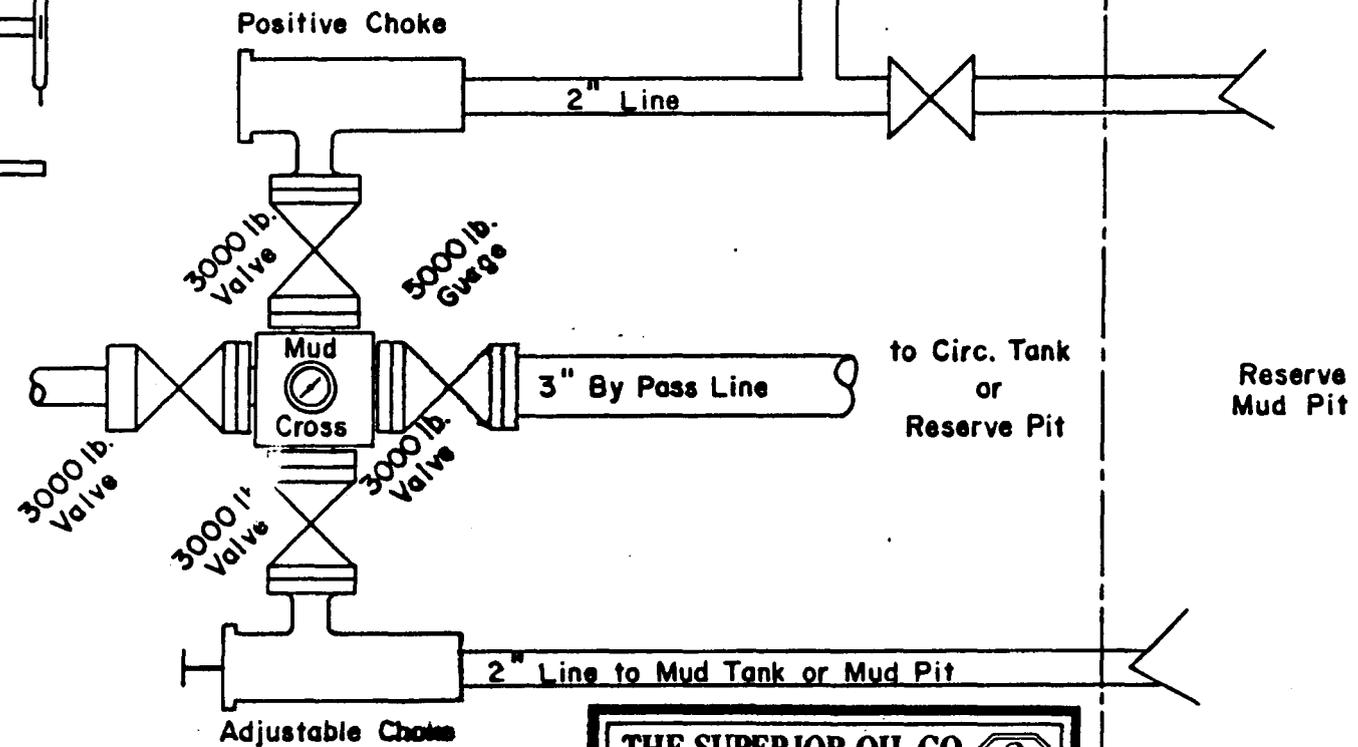


Horizontal scale: 1" = 50'
Vertical scale: 1" = 20'

Cortez, Colorado
565-4496



SHAFFER DOUBLE GATE BLOW OUT PREVENTER
10", 3000 lb. W.P., 6000 lb. Test, Type E



Circulating Tank

Reserve Mud Pit

THE SUPERIOR OIL CO.
CORTEZ - CASPER DISTRICT
ENGINEERING DEPARTMENT



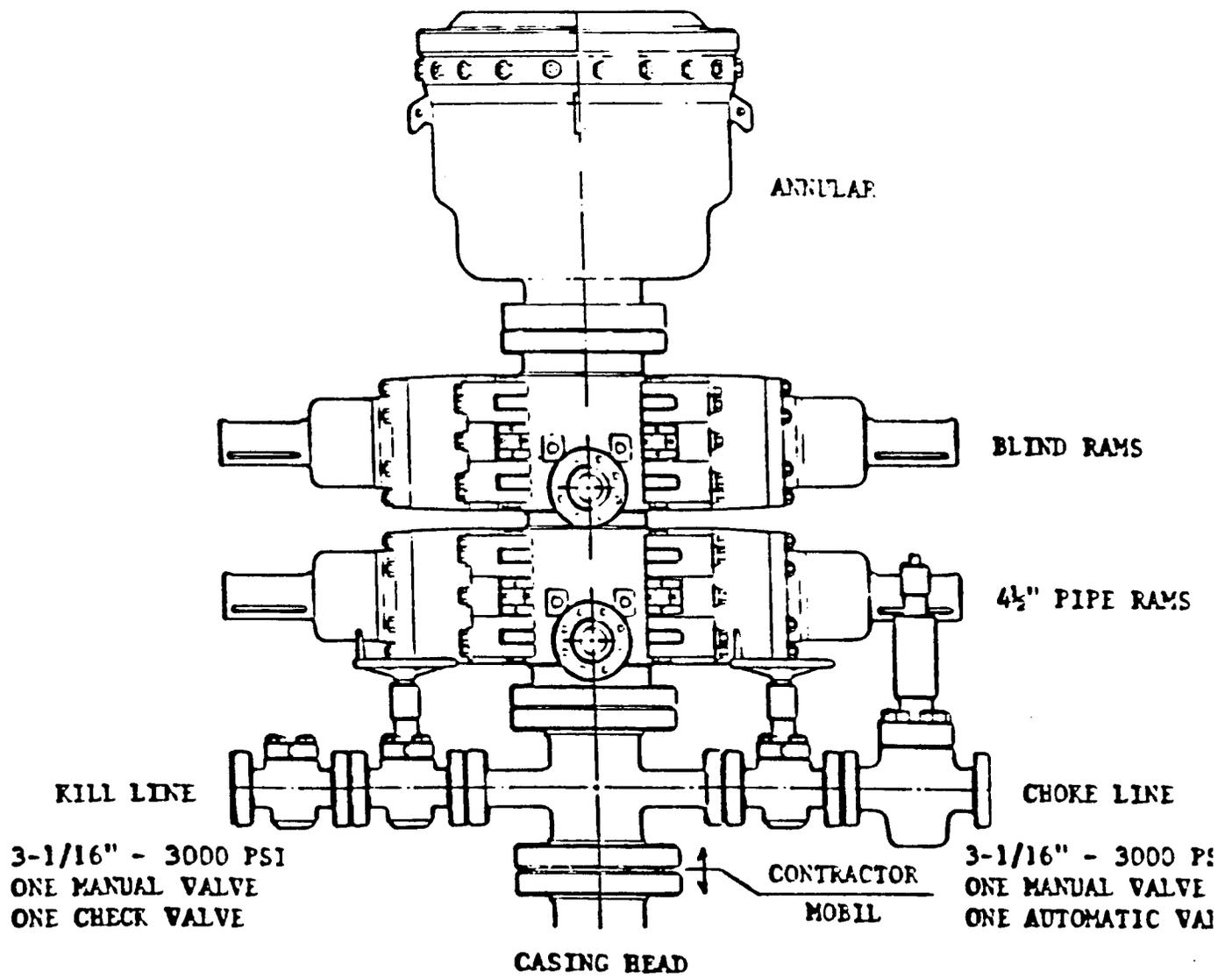
**SCHEMATIC DIAGRAM
OF PRESSURE CONTROL
EQUIPMENT**

BY JES DATE 6/28/70
SCALE NONE REVISED

SKETCH 1

BOP EQUIPMENT

11" - 3000 PSI WP



NAVAJO TRIBE
DIVISION OF WATER RESOURCES
DEPARTMENT OF WATER MANAGEMENT

WUP NO. 85-48

VALID FROM 9/7/85 to 1/15/86

WATER USE PERMIT APPLICATION

REFERENCE: PLEASE READ WATER USE PERMIT APPLICATION INFORMATION SHEET BEFORE COMPLETING THIS APPLICATION.

APPLICANT (CLAIMANT): Mobil Oil Corp.

MAILING ADDRESS: P.O. DRAWER G

Cortez, Colo. 81321

PHONE NO. (303) 565-3733 CONTACT PERSON Mr. Clyde Semally

CHAPTER Aneti GRAZING DISTRICT _____ STATE Utah COUNTY San Juan

NE SE SW NW / NE (SE) SW NW 1 (NE) SE SW NW 1 3 T 42 S. R 24 E.
10 acre tract / 40 acre tract / 160 acre tract / section / township / range

UTM COORDINATES: X(east) _____ Y(north) _____ ZONE _____

WATERSHED NAME _____ HYDROLOGIC UNIT CODE _____

(attach 8 1/2 x 11 map showing water source location)

LAND STATUS: () TRUST () FEE () LEASE () ALLOTMENT () OTHER

WATER SOURCE
NAME OR DESCRIPTION: White Mesa water well for injection in San Juan River
(tribal well no, spring, reservoir name, river, lake, pond, wash, impoundment name)
Albuquerque west of Aneth, Utah.

WATER USE: () MUNICIPAL () DOMESTIC () AGRICULTURE/LIVESTOCK () RECREATIONAL
(X) INDUSTRIAL/MINING () OTHER Drilling White Mesa Unit UUV No. 3-42

NUMBER/LIVESTOCK _____ NUMBER/LIVESTOCK _____ NUMBER/LIVESTOCK _____
TYPE/LIVESTOCK _____ TYPE/LIVESTOCK _____ TYPE/LIVESTOCK _____

NUMBER/ACRES _____ NUMBER/ACRES _____ NUMBER/ACRES _____ NUMBER/PEOPLE _____
CROP _____ CROP _____ CROP _____ NUMBER/HOMES _____

IF INDUSTRIAL OR MINING—PLEASE ATTACH PLAN OF WATER USAGE

MAXIMUM USAGE: 300,000 gallons MAXIMUM TIME: _____

RATE OF USE: _____ PER YEAR DATE WATER USAGE BEGAN 10/7/85
() gallons or () acre-feet

METHOD OF WATER DELIVERY: truck
(well, ditch, waterline, pump, dam, charco, truck, etc.)

PWSID NO. _____

PLAN FOR FUTURE DEVELOPMENT OF WATER USE OR USES _____

RETURN FLOW OR DISCHARGE

AMT OF WATER : _____ METHOD : _____
TREATMENT OF : _____ QUALITY: _____
TEMPERATURE : _____ NPDES PERMIT NUMBER : _____

APPLICANT AGREES, AS A CONDITION FOR THE PERMIT, TO ALLOW REASONABLE ENTRY UPON THEIR PREMISES BY NAVAJO TRIBAL EMPLOYEES ENGAGED IN THE ADMINISTRATION OF THIS PERMIT.

APPLICANTS SIGNATURE Clay J. Baulch DATE 10/1/85

APPLICATION RECEIVED: / / APPLICATION COMPLETE: / / INITIAL _____
\$25.00 FILING FEE RECEIVED / /

CONDITIONS

1. All drilling fluids, drill cuttings, chemicals etc. must be contained in such pits that do not allow seepage into and contaminate shallow alluvium or bedrock aquifers in the adjacent areas. If the mud pits are located in the non-cohesive soil or any permeable soil, the pits must be properly lined to avoid shallow groundwater contamination.
2. The mud pits must be constructed of such dimensions so that overflow should not occur. Also, no such fluid should be discharged either from mud line, or from well-head outside the pits.
3. All such mud pits must be fenced properly immediately after the completion of the drilling operation to avoid catastrophes such as drowning of humans or livestock in these pits.
4. All information on produced water from active oil and gas wells should be provided to Division of Water Resources and Environmental Protection Commission of the Navajo Tribe. The information should include the quantity of water produced, the quality of the water produced and the historic water quality of the adjacent shallow alluvium and shallow bedrock waters in the area. The produced water should be disposed of in such a way that no shallow ground water with up to 10,000 mg/liter total dissolved solids must not be contaminated. If such produced water is disposed off through evaporation pits, and the produced water quality is poorer than the shallow groundwater, in that case all such evaporation pits must be properly lined.

RECOMMENDATION: YES () NO _____ DATE 10/1/85
DIRECTOR/DEPARTMENT OF WATER MANAGEMENT

APPROVED BY: Peter Lowery _____ DATE 10/1/85
EXECUTIVE DIRECTOR/DIVISION OF WATER RESOURCES

OPERATOR Superior Oil Co. DATE 10-22-85

WELL NAME White Mesa Unit 3-42

SEC SE NE 3 T 42S R 24E COUNTY San Juan

43-037-31211
API NUMBER

Indian
TYPE OF LEASE

CHECK OFF:

- PLAT
- BOND
- NEAREST WELL
- LEASE
- FIELD
- POTASH OR OIL SHALE

PROCESSING COMMENTS:

Units Well

Need water permit

APPROVAL LETTER:

- SPACING: A-3 White Mesa UNIT c-3-a _____ CAUSE NO. & DATE
- c-3-b c-3-c

STIPULATIONS:

1- Water



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

October 24, 1985

Superior Oil Company
P. O. Drawer G
Cortez, Colorado 81321

Gentlemen:

Re: Well No. White Mesa Unit 3-42 - SE NE Sec. 3, T. 42S, R. 24E
2401' FNL, 749' FEL - San Juan County, Utah

Approval to drill the above-referenced oil/gas well is hereby granted in accordance with Section 40-6-18, Utah Code Annotated, as amended 1983; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

Page 2
Superior Oil Company
Well No. White Mesa Unit 3-42
October 24, 1985

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-037-31211.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

as
Enclosures
cc: Branch of Fluid Minerals
Bureau of Indian Affairs

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN TRIPLICATE*
(Other instructions reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

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.)

<input type="checkbox"/> OIL WELL	<input type="checkbox"/> GAS WELL	<input type="checkbox"/> OTHER	CEMENT PROGRAM	5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-410
2. NAME OF OPERATOR SUPERIOR OIL COMPANY, through its Agent, MOBIL OIL CORP.				6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO
3. ADDRESS OF OPERATOR P. O. DRAWER 'G', CORTEZ, COLORADO 81321				7. UNIT AGREEMENT NAME WHITE MESA
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2401' FNL, 759' FEL				8. FARM OR LEASE NAME WHITE MESA
14. PERMIT NO. 43-037-31211				9. WELL NO. 3-42
15. ELEVATIONS (Show whether DF, RT, CR, etc.)				10. FIELD AND POOL, OR WILDCAT GREATER ANETH
				11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec. 3, T42S, R24E, SLM
				12. COUNTY OR PARISH SAN JUAN 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"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input type="checkbox"/>
REPAIR WELL	<input checked="" type="checkbox"/>	(Other) Specify Cement Program	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		

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

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

The following cement specifications will be used in the drilling of the above-captioned well:

- A. Surface casing: 1675' of 9-5/8" set in 12-1/4" hole with 100% excess cement.
 - 1. Lead slurry: 800.4 cubic feet (435 sxs at 1.84 cu. ft. per sk) of 65:35 Class G cement to Pozzolan by volume, 6% bentonite, 0.4% sodium silicate (chemical extender) and 10 lbs. per sk. of gilsonite.
 - 2. Tail slurry: 175.5 cubic feet (150 sxs at 1.17 cu. ft. per sk) of Class B cement with 2% calcium chloride (accelerator).
- B. Production casing: 5930' of 7" set in 8-3/4" hole with a stage tool at about 2950'.
 - First Stage: Cementing coverage will be 4500' to TD with 25% excess. 289.1 cu. ft. (245 sxs at 1.18 cu. ft. per sk) of Class B cement with 0.5% fluid loss additive and 0.3% retarder (if needed).
 - Second Stage: Cementing coverage will be 2950' to 2400' with 20% excess. 100.3 cu. ft. (85 sx) of cement specified for first stage.

RECEIVED

NOV 15 1985

DIVISION OF OIL
GAS & MINING

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

SIGNED <u><i>C. J. Benally</i></u>	TITLE <u>Sr. Regulatory Coordinator</u>	DATE <u>11/6/85</u>
------------------------------------	---	---------------------

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

STATE OF UTAH
(Older permits may have
other side)

Form Approved
Budget Bureau No. 101-106
Expires August 31, 1984

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.)

3. LEASE DESIGNATION AND SERIAL NO.
14-20-603-410
4. IF INDIAN, ALLOTTEE OR TRIBE NAME
NAVAJO
7. UNIT AGREEMENT NAME
WHITE MESA
8. FARM OR LEASE NAME
WHITE MESA UNIT
9. WELL NO.
3-42
10. FIELD AND POOL, OR WILDCAT
GREATER ANETH
11. SEC., T., R., M., OR SLM, AND
SUBST OR AREA
3-42S 24E, SLM
12. COUNTY OR PARISH
SAN JUAN
13. STATE
UTAH

1. OIL WELL GAS WELL OTHER
2. NAME OF OPERATOR
SUPERIOR OIL COMPANY, through its Agent, MOBIL OIL CORP.
3. ADDRESS OF OPERATOR
P. O. DRAWER 'G', CORTEZ, COLORADO 81321
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface
2401' FNL 759 FEL SENE
14. PERMIT NO.
43-037-31211
15. ELEVATIONS (Show whether SF, ST, OR, etc.)
5045.6 Ungraded

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 PLANE <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

(NOTE: Report results of multiple completion or 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.)

Once drilled and completed, to maximize effective corrosion control of metallic piping and structures down hole and above ground, Mobil Oil Corporation, Agent for Superior Oil Company, proposes to construct an electrified cathodic protection system consisting of a subsurface graphite anode bed connected to an above ground rectifier which has a lead connected to the well casing.

The construction will consist of a trench, 140' long, 6' deep and 2' wide in the old reserve pit area of the well location. All construction will be confined to existing disturbed area of well location. Existing electrical power to the well will be used for this cathodic protection system.

The construction area has previously been cleared archaeologically by Navajo Nation CRMP BIA NT 85-518 dated October 17, 1985. This work was approved by UDOGM on 10/24/85 and by BLM on 11/14/85.

18. I hereby certify that the foregoing is true and correct
SIGNED Clyde J. Benally TITLE Sr. Regulatory Engineer DATE 1/9/86
C. J. Benally
(This space for Federal or State office use)

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

*See Instructions on Reverse Side

ROUTING/ACTION FORM

4-23-86

SEQ	NAME	ACTION	INITIAL
	NORM		
1	TAMI	3, 4, 5	
	VICKY		
	CLAUDIA		
	STEPHANE		
2	CHARLES	1	CP
3	RULA	2	Ken
	MARY ALICE		
	CONNIE		
	MILLIE		
	RON		
	JOHN		
	GIL		
4	PAM	4, 5	pk

NOTES:

ACTION CODE

1. DATA ENTER
2. FILM
3. POST
a. CARD FILE
b. FILE LABEL
c. LISTS
4. FILE
5. RELOCATE FILE OR CARD
6. DECISION
7. PREPARE LETTER
12. OTHER - SEE NOTES

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions
verse side)

Form approved
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-410	
2. NAME OF OPERATOR SUPERIOR OIL COMPANY, through its Agent, MOBIL OIL CORP.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME NAVAJO	
3. ADDRESS OF OPERATOR P. O. DRAWER 'G', CORTEZ, COLORADO 81321		7. UNIT AGREEMENT NAME WHITE MESA	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2401' FNL 759 FEL SE NE		8. FARM OR LEASE NAME WHITE MESA	
14. PERMIT NO. 43-037-31211		9. WELL NO. 3-42	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) GR: 5045.6 Ungraded		10. FIELD AND POOL, OR WILDCAT GREATER ANETH	
		11. SEC., T., E., M., OR BLE. AND SURVEY OR AREA 3-42S 24E, SLM	
		12. COUNTY OR PARISH SAN JUAN	
		13. STATE UTAH	

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

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

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

Due to depressed oil market conditions, Mobil Oil Corporation has elected not to drill this well in this fiscal year and request that the approved APD for this well be rescinded.

RECEIVED
APR 21 1986

DIVISION OF
OIL, GAS & MINING

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

SIGNED Chyle J. Benally TITLE Sr. Regulatory Engineer DATE 1/8/86
C. J. Benally

(This space for Federal or State office use)

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

*See Instructions on Reverse Side



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

April 22, 1986

Superior Oil Company
P.O. Drawer "G"
Cortez, Colorado 81321

Gentlemen:

RE: Well No. White Mesa #3-42, Sec.3, T.42S, R.24E,
San Juan County, Utah, API NO. 43-037-31211

Per your request, approval to drill the subject well is hereby rescinded. A new Application for Permit to Drill must be filed with this office for approval, prior to future drilling of the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division of Oil, Gas and Mining immediately.

Sincerely,

A handwritten signature in cursive script that reads "John R. Baza".

John R. Baza
Petroleum Engineer

sb
cc: BLM - Farmington
D. R. Nielson
R. J. Firth
Well file
0278T-42

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN TRIPL
(Other instructions
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-410

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NAVAJO

7. UNIT AGREEMENT NAME

WHITE MESA

8. FARM OR LEASE NAME

WHITE MESA

9. WELL NO.

3-42

10. FIELD AND POOL, OR WILDCAT

GREATER ANETH

11. SEC., T., R., M., OR B.L.K. AND SURVEY OR AREA

3-42S 24E, SLM

12. COUNTY OR PARISH

SAN JUAN

13. STATE

UTAH

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
SUPERIOR OIL COMPANY, through its Agent, MOBIL OIL CORP.

3. ADDRESS OF OPERATOR
P. O. DRAWER 'G', CORTEZ, COLORADO 81321

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

2401' FNL 759 FEL SE NE

14. PERMIT NO.
43-037-31211

15. ELEVATIONS (Show whether DF, ST, OR, etc.)
GR: 5045.6 Ungraded

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANE

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion or 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.)*

Other than staking the well, no additional work of any kind was done on this well. The surface is undisturbed as was before.

RECEIVED
MAY 02 1986

DIVISION OF
OIL, GAS & MINING

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

SIGNED J. Benally

Sr. Regulatory Engineer
TITLE _____

DATE 4/29/86

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side