

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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
THE SUPERIOR OIL COMPANY

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.)*
At surface
2400' FWL, 1000' FNL, SEC. 34, T41S, R25E SLB&M
At proposed prod. zone
Same as surface

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
3 miles SE of Aneth, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
1000'

16. NO. OF ACRES IN LEASE
640

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.
1000'

19. PROPOSED DEPTH
5490'

20. ROTARY OR CABLE TOOLS
ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4524' Ungraded Ground level

22. APPROX. DATE WORK WILL START*
July 1, 1979

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"	48#	100'	150 SX
12-1/4"	8-5/8"	24#	1190'	750 SX
7-7/8"	5-1/2"	14 & 15.5#	5490'	250 SX

1. Drill 17-1/2" hole to 100'. Set 13-3/8" casing to 100' and cement to surface with 100 sacks.
2. Drill 12-1/4" hole to 1190'. Set 8-5/8" casing to 1190' and cement to surface with 750 sacks.
3. Drill 7-7/8" hole through Desert Creek Zone and 40' into Chimney Rock Shale at approximately 5490'.
4. Log well.
5. Set 5-1/2" casing @ 5490' and cement with 250 sacks.
6. Perforate Ismay and/or Desert Creek and stimulate based on log evaluation.

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 J. R. Oberlander TITLE PRODUCTION ENGINEER

(This space for Federal or State official use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

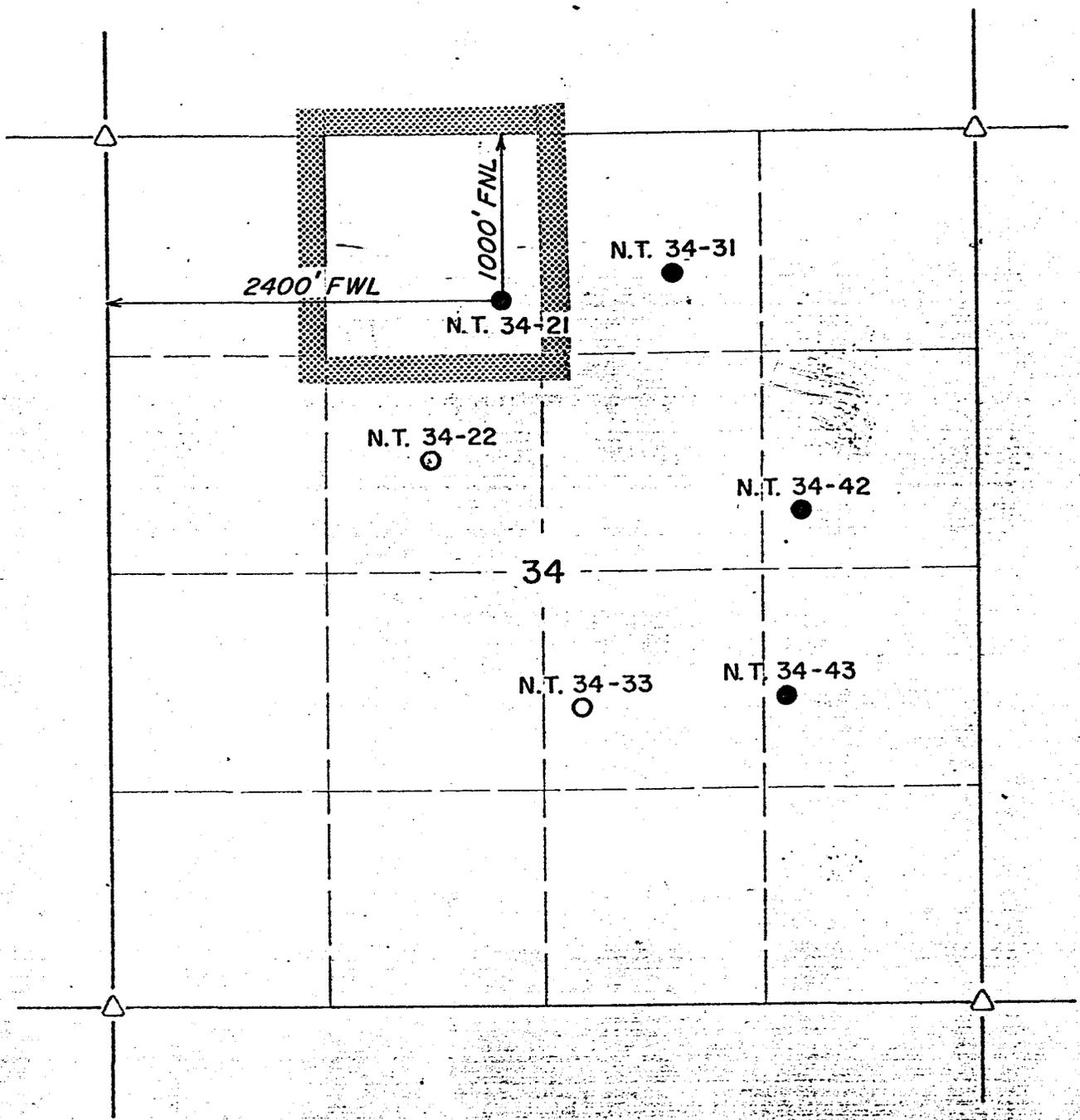
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED
MAY 25 1979
U. S. GEOLOGICAL SURVEY
OPERATIONS BY:
 RECORD LESSEE
 D. OF O. ON FILE
 D. OF O. ATTACHED
BOND COVERAGE
 \$ 5,000 ATTACHED
 LESSEE'S NATION-WIDE
 OPERATOR'S NATION-WIDE
DATE 5-24-79

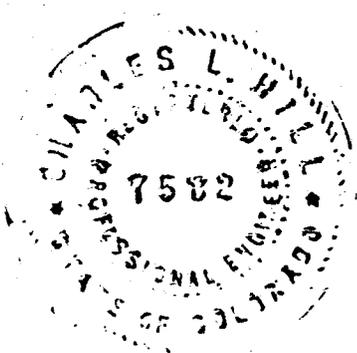
APPROVED
MAY 29 1979
DISTRICT ENGINEER

THE SUPERIOR OIL COMPANY
Operator

WELL NO. N.T. 34-21



NE/NW SECTION 34, T41 S, R 25 E
Rockwell Springs Field

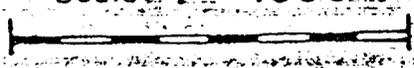


Charles S. Hill



- Location
- Well
- ▽ Injector

Scale - 1" = 1000'



THE SUPERIOR OIL COMPANY

P. O. DRAWER G
CORTEZ, COLORADO 81321

May 24, 1979

Mr. P. T. McGrath
District Engineer
U. S. Geological Survey
P. O. Box 959
Farmington, New Mexico 87401

Re: Surface Use Development Plan
Proposed Well
Navajo Tribal #34-21
1000' FNL, 2400' FWL
Section 34, T41S, R25E
San Juan County, Utah

Dear Mr. McGrath:

The "Surface Use Development Plan" for the proposed Navajo Tribal #34-21 is as follows:

1. The existing roads and the location of the main highway exit are shown on the attached road and pipeline plat.
2. A new 900' X 30' access road is required as shown on the attached plat. The proposed road will run west to the location and will be of compacted sand and gravel with a maximum grade of 1%. The road will be constructed so as to provide for adequate drainage. No major cuts or fills will be necessary.
3. The location and status of wells in the vicinity are shown on the attached plat.
4. The location of proposed and existing tank batteries, flow lines and lateral roads in the vicinity of the proposed well are shown on the attached plat. The 2" flow line for the proposed well will run 1200' southeast to the existing Rockwell Springs battery.
5. Water for drilling operations will be obtained from the San Juan River.
6. Materials necessary for the construction of the access road and drilling pad will be obtained from the location. No access roads for the purpose of hauling materials will be necessary.
7. Waste materials will be collected in earth pits. The perimeter of these pits will be fenced with small mesh wire. When drilling operations are complete these earth pits will be backfilled and leveled to the contour of the original landscape. Small portable trailer houses for the company and contract drilling personnel may be on the location. A sufficient number of OSHA approved chemical toilets will be provided and maintained.

8. No permanent campsites or airstrips are anticipated.
9. The location and position of drilling equipment is shown on the attached plat. Included on this plat is a cross section diagram showing cuts and fills necessary for the construction of the drilling pad. The drilling pad will be located approximately at ground level. Materials at the location will be used for elevation of the pad.
10. The proposed drillsite is located on a sandstone outcrop near the San Juan River. Surface land is owned by the Navajo Tribe and is used primarily for grazing. Vegetation consists of sparse desert type ground cover and Tamarisks. There are no Indian habitations or artifacts in the immediate vicinity of the proposed drillsite, access road, flow line, construction material site or roads used in transportation of material.

Very truly yours,

THE SUPERIOR OIL COMPANY

James R. Oberlander
James R. Oberlander

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite 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 THE SUPERIOR OIL COMPANY and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

5-25-79
Date

Wm. H. Edwards
Wm. H. Edwards
Area Production Superintendent

SUPPLEMENT TO FORM 9-331C

WELL: Navajo Tribal #34-21

SURFACE FORMATION WHERE PROPOSED DRILLING IS TO TAKE PLACE: Dakota

ESTIMATED FORMATION TOPS: (Measured from KB approximately 4537')

Chinle	1170'
DeChelly	2340'
Ismay	5170'
Gothic Shale	5300'
Desert Creek	5335'
Chimney Rock	5462'
TD	5490'

WATER BEARING FORMATIONS: Water is expected to be encountered intermittently from 400' to 1170'.

HYDROCARBON BEARING FORMATIONS: Oil and gas are expected to be encountered intermittently from 5170' to 5462'.

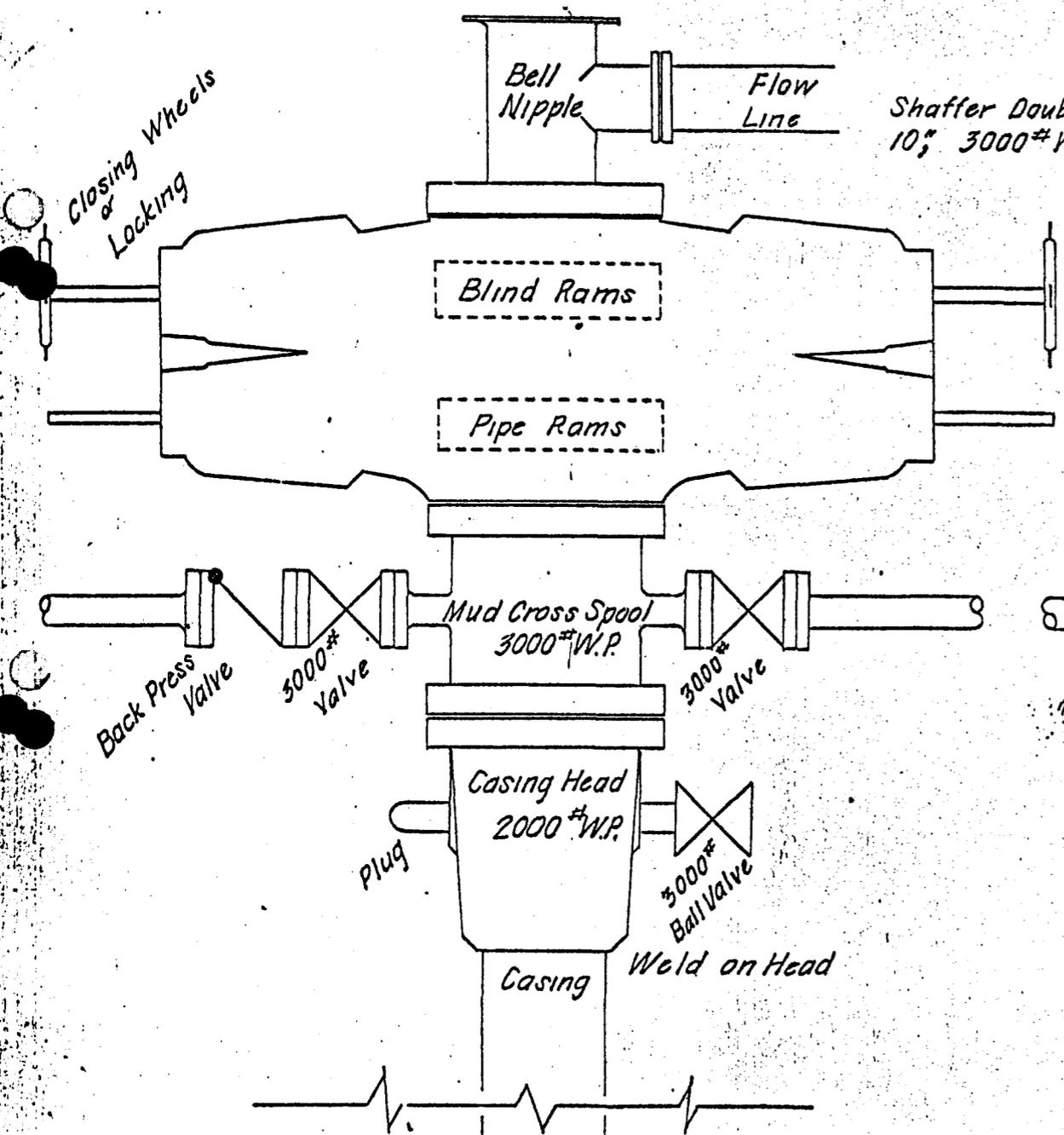
MUD PROGRAM: Surface to 2000' - Water
2000' to 4900' - Lignosulfonate or similar mud system; no water loss control, weighted as necessary with Barite.
4900' to TD - Lignosulfonate or similar mud system; 15 cc water loss, weighted as necessary with Barite.

CEMENT PROGRAM: Conductor - Cement to surface with 150 sx Light with class 'B' cement containing 4% gel and 2% CaCl.
Surface - Cement to surface w/650 sx B.J. Light w/10#/sk Gilsonite, followed w/100 sx Class 'B' Neat w/2% CaCl at 15.6 ppg.
Production - 250 sx Class 'B' with 5#/sk salt, 1/2#/sk Firm Set and 3/4% CFR-2.

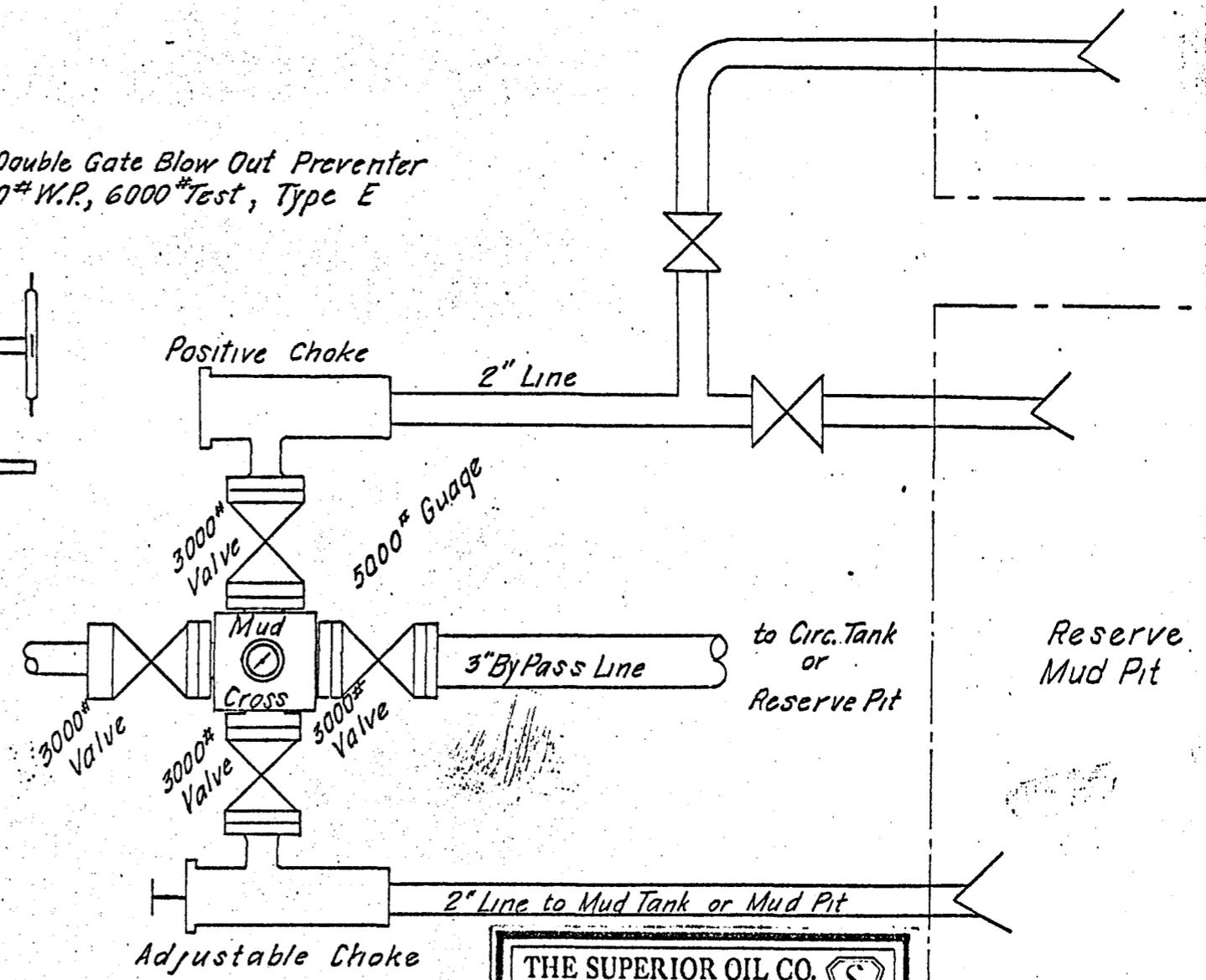
LOGGING PROGRAM: FDC-CNL Sonic - TD to Surface.
DIL, MSFL, VELOCITY SURVEY - TD to 5000'

PRESSURE CONTROLS: Blowout preventer equipment will be 10" Series 600 with blind rams and drill pipe rams hydraulically and manually controlled. The schematic of the pressure control equipment can be seen on the following page. The mud system will be monitored by visual inspection.

Circulating Tank

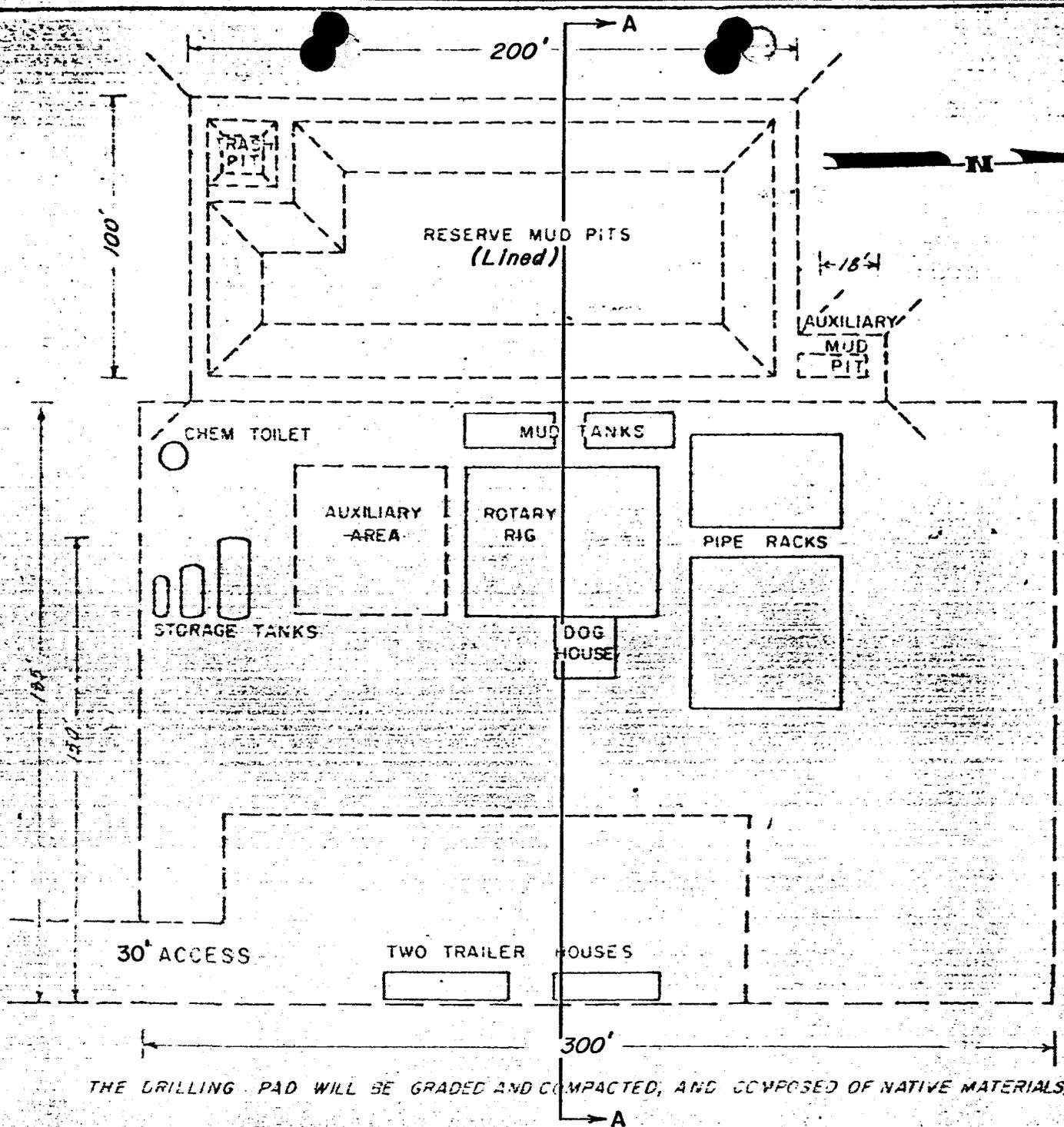


Shaffer Double Gate Blow Out Preventer
10", 3000# W.P., 6000# Test, Type E

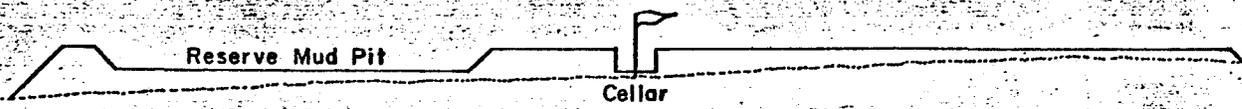


Reserve Mud Pit

THE SUPERIOR OIL CO. 
 CORTEZ - CASPER DISTRICT
 ENGINEERING DEPARTMENT
 SCHEMATIC DIAGRAM
 OF PRESSURE CONTROL
 EQUIPMENT
 BY SCALE none DATE REVISED 8-12-76



PROPOSED WELL SITE
 N.T. 34-21
 Original Elev. 4524.4'



Original Contour 
 Reference Point 
 Graded Proposal 

THE SUPERIOR OIL CO. 
 CORTIZ-CASPER DISTRICT
 ENGINEERING DEPARTMENT
**RIG LAYOUT & DRILL
 PAD CROSS SECTION**
 N.T. Well No. 34-21
 ROCKWELL SPRINGS FIELD
 SAN JUAN CO., UTAH
 BY M.H.L. DATE: 8-12-78
 SCALE: 1" = 50' REVISED: 1-29-79

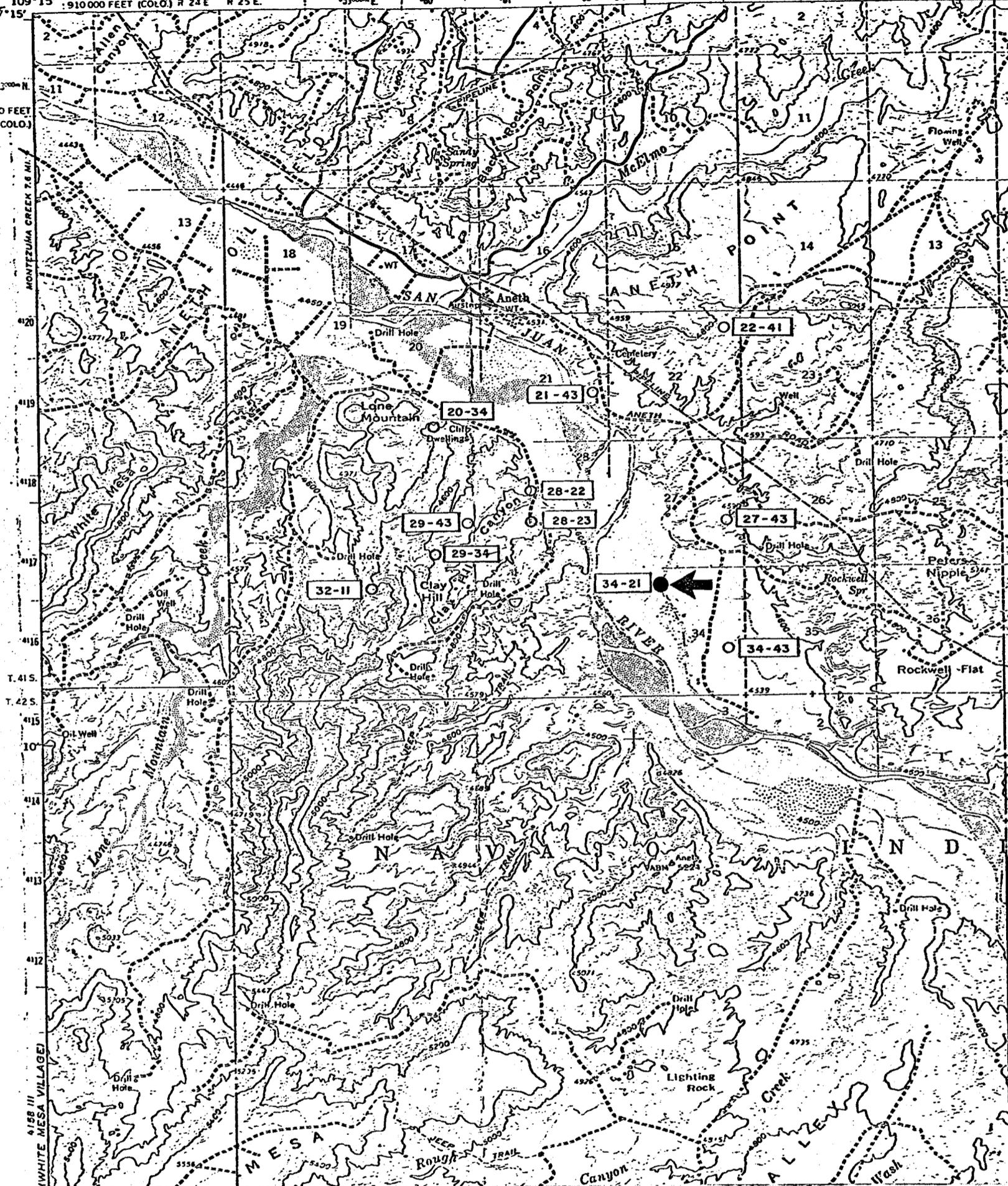
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

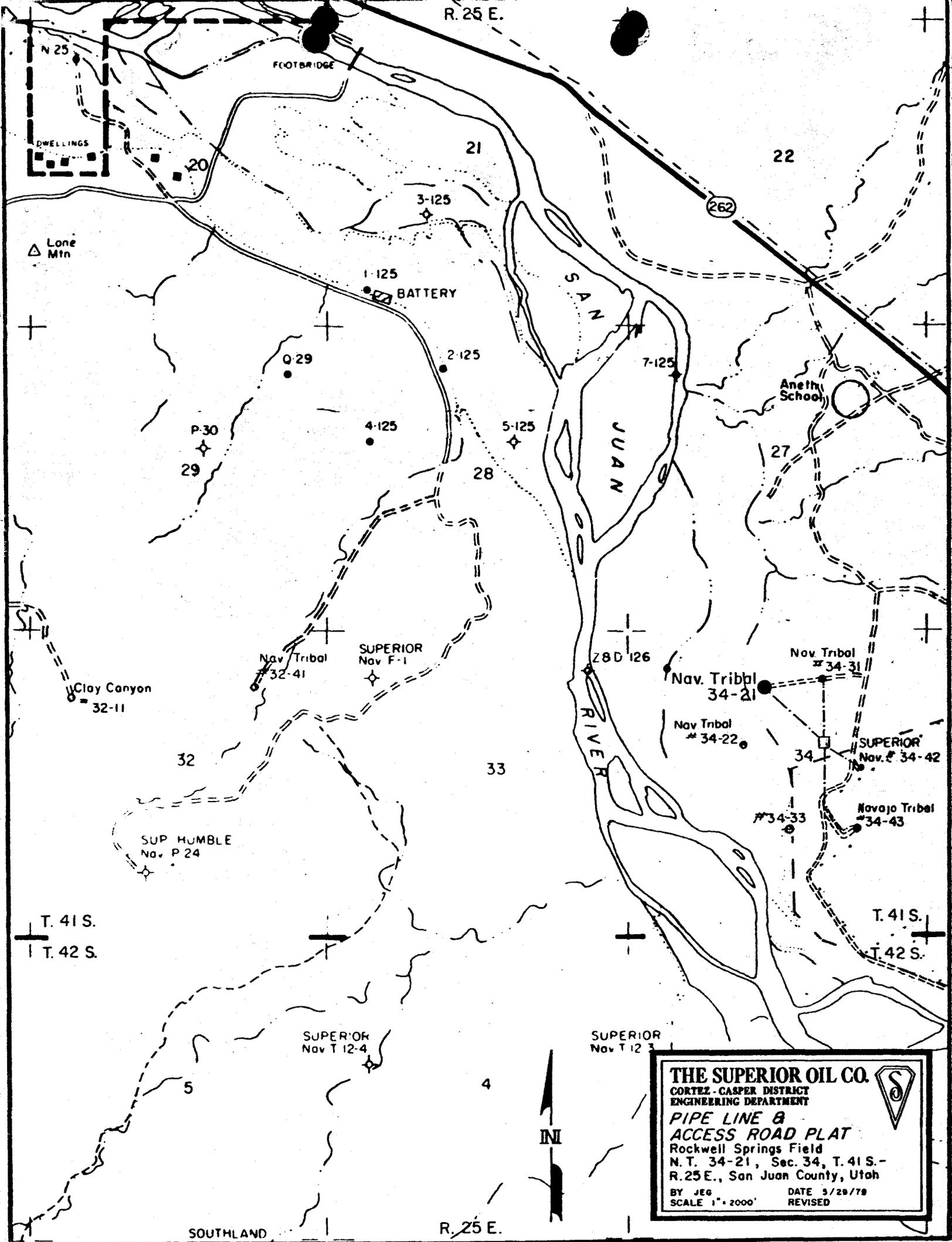
4158 I (CAJON MESA) R 25 E R

109°15' : 910000 FEET (COLO.) R 24 E R 25 E.

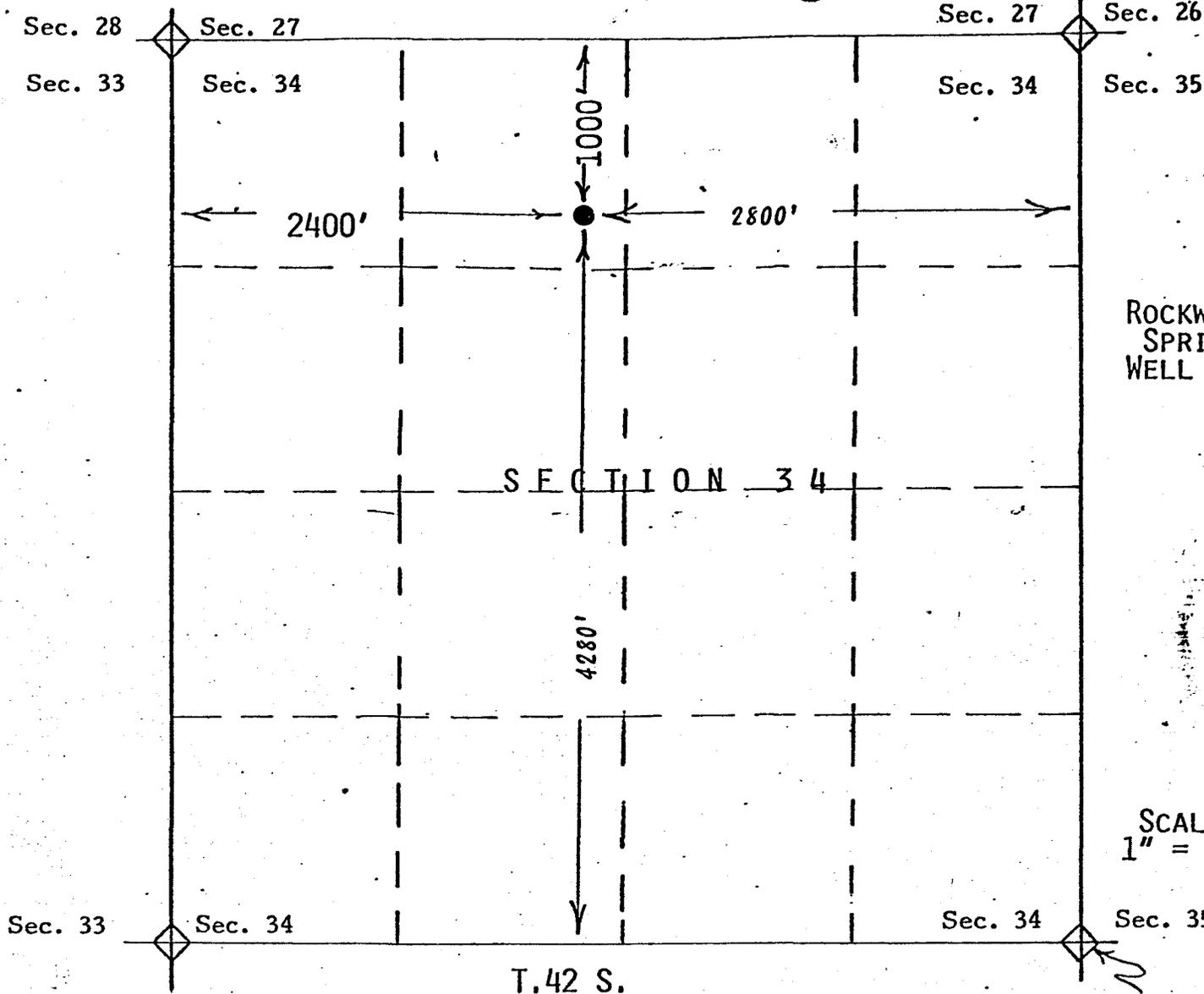
57000 E 60 61 62 10' 63

CORTEZ, COLO. 41 MI (CAJON MESA) R 25 E R





THE SUPERIOR OIL CO.
 CORTEZ-CASPER DISTRICT
 ENGINEERING DEPARTMENT
PIPE LINE B
ACCESS ROAD PLAT
 Rockwell Springs Field
 N. T. 34-21, Sec. 34, T. 41 S.-
 R. 25 E., San Juan County, Utah
 BY JEG DATE 5/29/79
 SCALE 1" = 2000' REVISED



ROCKWELL
SPRINGS
WELL #34-2

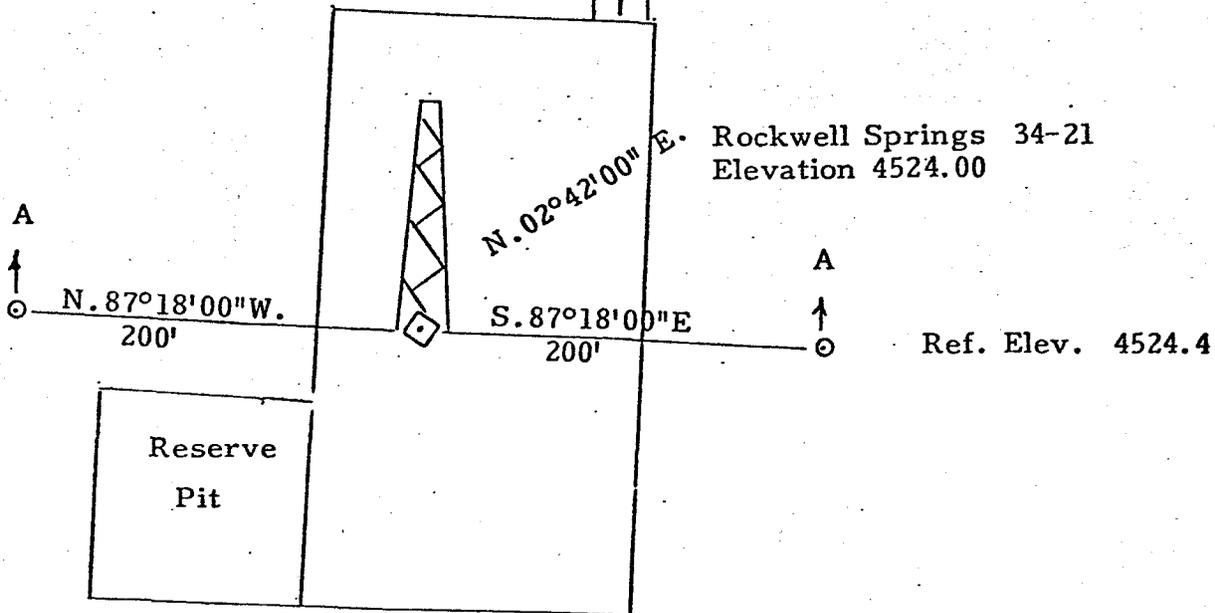
SCALE:
1" = 1000'

WELL 34-21

4530
4520

Section A-A
Horizontal Scale 1"=100'
Vertical Scale 1"=50'

Road 900' @ 1 1/2% grade



Ref. Elev.
4519.8

Ref. Elev. 4524.4

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

Fredric P. Thomas

FREDRIC P THOMAS Bearing by
Reg. L.S. and P.E. Solar
Colo. Reg. No. 6728 observation
Utah Reg. No 4346

THOMAS Engineering Inc.
215 N. Linden

Corbett, Colorado
565-4496



SUPERIOR OIL

October 26, 1982

Mr. James F. Sims
District Oil & Gas Supervisor
Minerals Management Service
P. O. Box 959
Farmington, New Mexico 87401

Re: Surface Use Development Plan
Proposed Well
Rockwell Springs Field
Navajo Tribal #34-21
1000' FNL, 2400' FWL
Section 34, T41S, R25E
San Juan County, Utah

Gentlemen:

It should be noted that an APD for this well was submitted in May, 1979 and approved by your office May 29, 1979. The road and location including the mud pit were constructed but the well was not drilled due to a change in geological opinions. The location was not rehabilitated. A copy of the original approved APD is attached for your information.

The "Surface Use Development Plan" for the proposed Navajo Tribal #34-21 is as follows:

1. The existing roads to the location from the main highway are shown on the attached road and pipeline plat.
2. Not applicable. All roads to be used have been constructed.
3. The location and status of wells in the vicinity are shown on the attached plat.
4. The location of the existing tank battery, existing and proposed flowlines are shown on the attached plat. The proposed flowline from this well will be laid on the surface and will be approximately 1200 ft of 2" Sch. 40 pipe.
5. Water for drilling operations will be obtained from Superior's facilities in the McElmo Creek Unit.
6. Materials used for the construction of the access road and drilling pad were obtained from the location. No access road for the purpose of hauling materials is necessary.

7. The mud pit that has been constructed will be cleaned out and plastic lined so as to prevent seepage. When drilling operations are complete the mud and any produced water will be transferred to other drilling wells, allowed to evaporate or disposed of in an approved disposal well. Waste material will be collected in earth pits. The perimeter of these pits will be fenced with small mesh wire. When drilling operations are complete these earth pits will be backfilled and leveled to the contour of the original landscape.
8. No permanent campsites or air strips will be constructed. Two small portable trailer houses for Superiors and contract supervisory personnel will be on the location while drilling the well. OSHA approved chemical toilets will be provided and maintained.
9. The location and position of drilling equipment is shown on the attached plat. Included on this plat is a cross section diagram showing cuts and fills made in the construction of the drilling pad. The drilling pad is approximately at ground level. Materials at the location were used to elevate the pad.
10. Upon completion of operations, the site will be restored according to BIA requirements.
11. The drillsite is located on a gravel bar near the San Juan River but above the flood plain. Surface land is owned by the Navajo Tribe and is used primarily for grazing. Vegetation in the area consists of Galleta, Rice Grass, Alkali Sakaton and Four Wing Salt Bush. This vegetation is very sparse. There are no Indian habitations or artifacts in the immediate vicinity of the existing drill site or access road. A copy of the Archaeological report giving clearance to build the drill site is attached.

SUPERIOR OIL

12. Superior's representatives:

Permitting - W. H. Edwards
Construction - J. A. Calhoon
Drilling - J. E. Gagneaux
Production - K. R. Johnson
Superintendent - C. L. Hill
24 hr telephone - 303-565-3733
Mailing address - P. O. Drawer 'G'
Cortez, Colorado 81321

Respectfully submitted,

SUPERIOR OIL COMPANY



Wm. H. Edwards
Special Projects Superintendent

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 the SUPERIOR OIL COMPANY and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

11-3-82
Date

C. L. Hill By K. R. Johnson
Charles L. Hill
Area Production Superintendent

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate
(Other instructions on reverse side)

Form approved
Budget Bureau No. 42-R1425

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK
DRILL DEEPEN PLUG BACK

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

3. NAME OF OPERATOR
SUPERIOR OIL COMPANY

4. ADDRESS OF OPERATOR
P.O. DRAWER "G", CORTEZ, COLORADO 81321

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface
2400' FWL, 1000' FNL, SEC. 34

At proposed prod. zone
1850' 1800' FWL, 1100' FNL, SEC. 34

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
3 Miles SE of Aneth, Utah

7. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
1000'

8. NO. OF ACRES IN LEASE
640

9. NO. OF ACRES ASSIGNED TO THIS WELL
40

10. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
1000'

11. PROPOSED DEPTH
5400'

12. ROTARY OR CABLE TOOLS
Rotary

13. ELEVATIONS (Show whether DF, RT, GR, etc.)
4524' GR

14. APPROX. DATE WORK WILL START*
Dec 28, 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
16"	13-3/8"	48#	100'	Redi-mix to surface
12-1/4"	9-5/8"	36#	1300'	300 sx Lite & 200 sx 'B'
8-3/4"	5-1/2"	15.5#	5400'	200 sx 'B'

1. Drill 16" hole to 100'. Run 100' of 13-3/8" conductor casing and cement to surface w/ Redi-mix.
2. Drill 12-1/4" hole to 1300'. Run 1300' of 9-5/8" surface casing and cement to surface w/ 300 sx, Lite & 200 sx Class 'B' cement.
3. Drill 8-3/4" hole to 5400'. Hole will be directionally drilled. Kickoff at 2200'. Run DLL-MSFL-GR, Sonic-GR, FDC-CNL-GR from 5400' to 1300'.
4. Run 5400' of 5-1/2" production casing and cement w/ 200 sx of Class 'B' cement.
5. To be completed in the Ismay and or Desert Creek based on log evaluation.

Orig + 5 - MMS, State - 2, Navajo Tribe, Walter Duncan Oil Properties, BIA, Compliance Office, Files

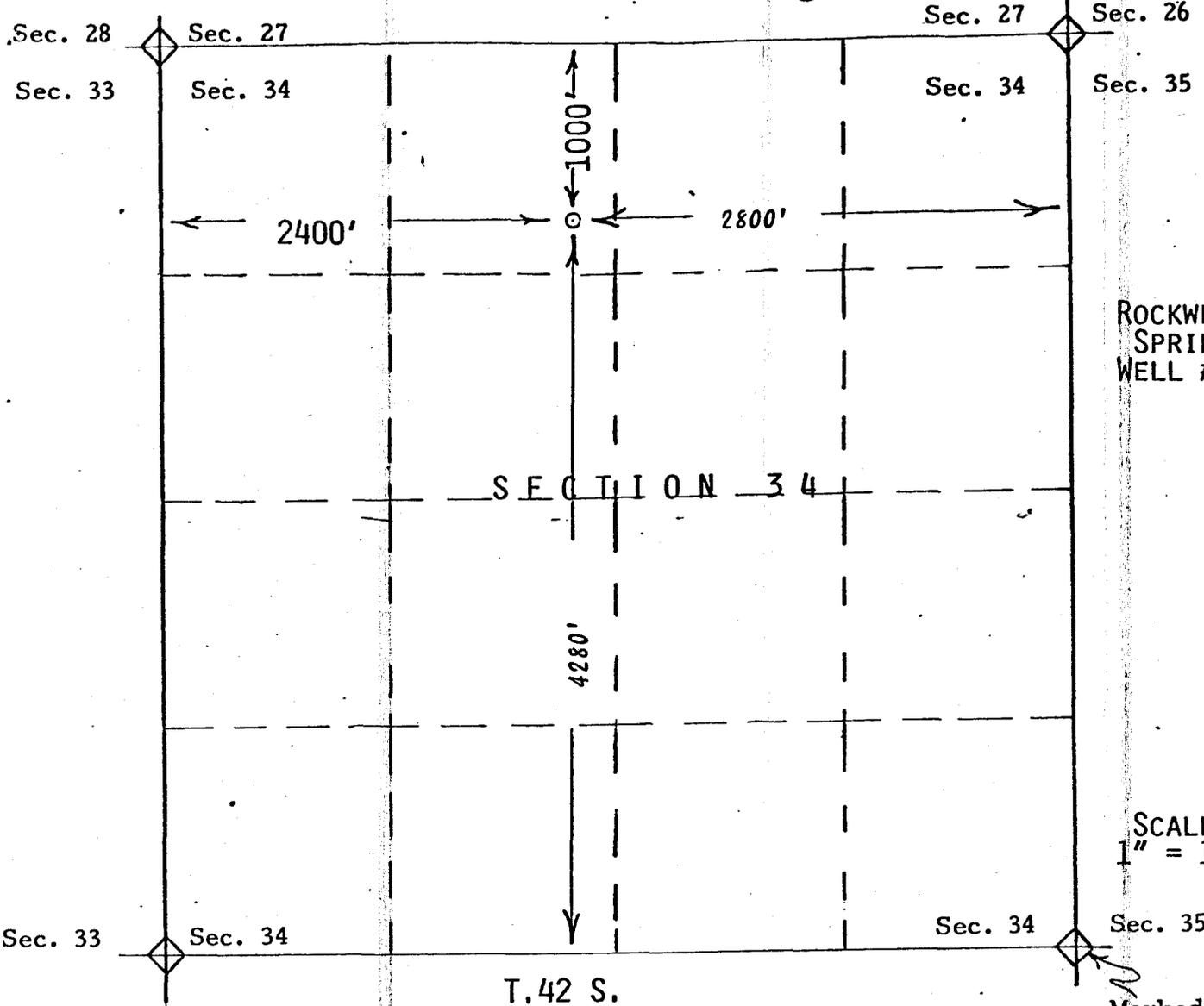
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED James S. Andres TITLE Petroleum Engineer DATE 10-25-82
JAMES S. ANDRES

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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



ROCKWELL SPRINGS WELL #34-2

SCALE: 1" = 1000'

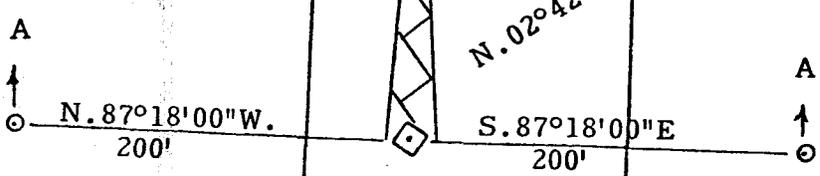
WELL 34-21

4530
4520

Section A-A
Horizontal Scale 1"=100'
Vertical Scale 1"=50'

Road 900' @ 1% grade

Ref. Elev. 4519.8



Rockwell Springs 34-21
Elevation 4524.00

Ref. Elev. 4524.4

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

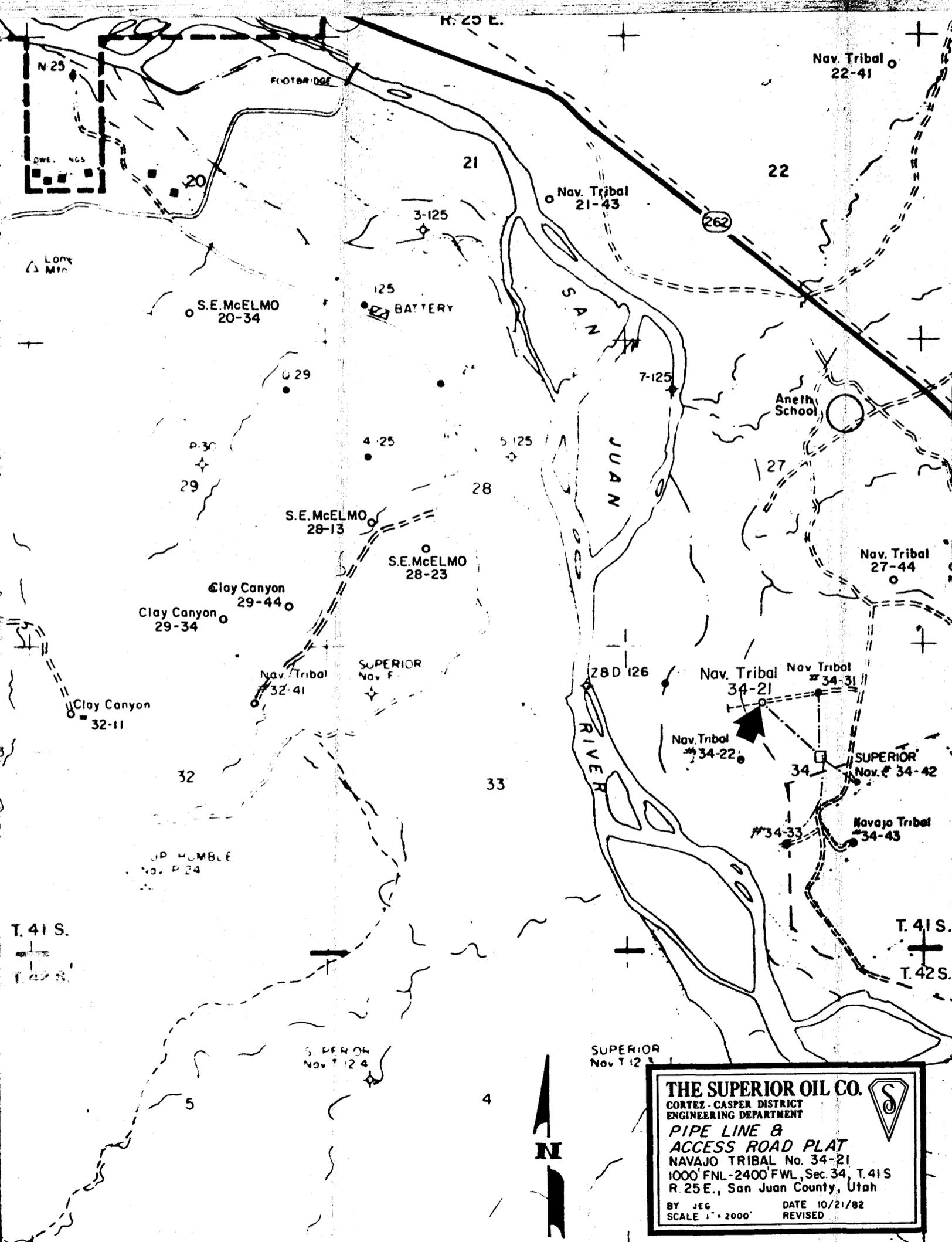
Fredric P. Thomas

FREDRIC P THOMAS Bearing by
Reg. L.S. and P.E. Solar
Colo. Reg. No. 6728 observation
Utah Reg. No 4346

THOMAS Engineering Inc.
215 N. Linden

565-4496





THE SUPERIOR OIL CO.

CORTEZ-CASPER DISTRICT
ENGINEERING DEPARTMENT

**PIPE LINE &
ACCESS ROAD PLAT**

NAVAJO TRIBAL No. 34-21
1000' FNL-2400' FWL, Sec. 34, T. 41 S
R. 25 E., San Juan County, Utah

BY JEG. DATE 10/21/82
SCALE 1" = 2000' REVISED

SUPPLEMENTAL TO FORM 9-321-C

WELL: Navajo Tribal #34-21

ELEVATION: 4524' Ground Level

SURFACE FORMATION: Dakota

ESTIMATED FORMATION TOPS: (Measured from KB approximately 4537')

Chinle	1170'
DeChelly	2340'
Lower Ismay	5190'
Gothic	5240'
Desert Creek	5265'
Chimney Rock	5380'

WATER BEARING FORMATIONS: Water is expected to be encountered around 500'.

NOTE: May have to squeeze annulus to complete job.

HYDROCARBON BEARING FORMATIONS: Hydrocarbons could be encountered in the Ismay and Desert Creek.

MUD PROGRAM: Surface to 1900' - 8.3 - 9.5 ppg water.
1900' to 5400' - 9.5 - 10.6 ppg Gel/water.

CASING PROGRAM: Conductor - 13-3/8", 48#, H-40 new casing set to 100'.
Surface - 9-5/8", 36#, K-55 new casing set to 1300'.
Production - 5-1/2", 15.5#, K-55 new casing set to 5400'.

CEMENT PROGRAM: Conductor - cement to surface with Redi-mix.
Surface - cement to surface with 300 sx, Lite & 200 sx Class 'B'.
Production - cement with 200 sx, Class 'B'.

DRILL STEM TESTS:

Lower Ismay - 5190'
Desert Creek - 5265'

PRESSURE CONTRÓLS:

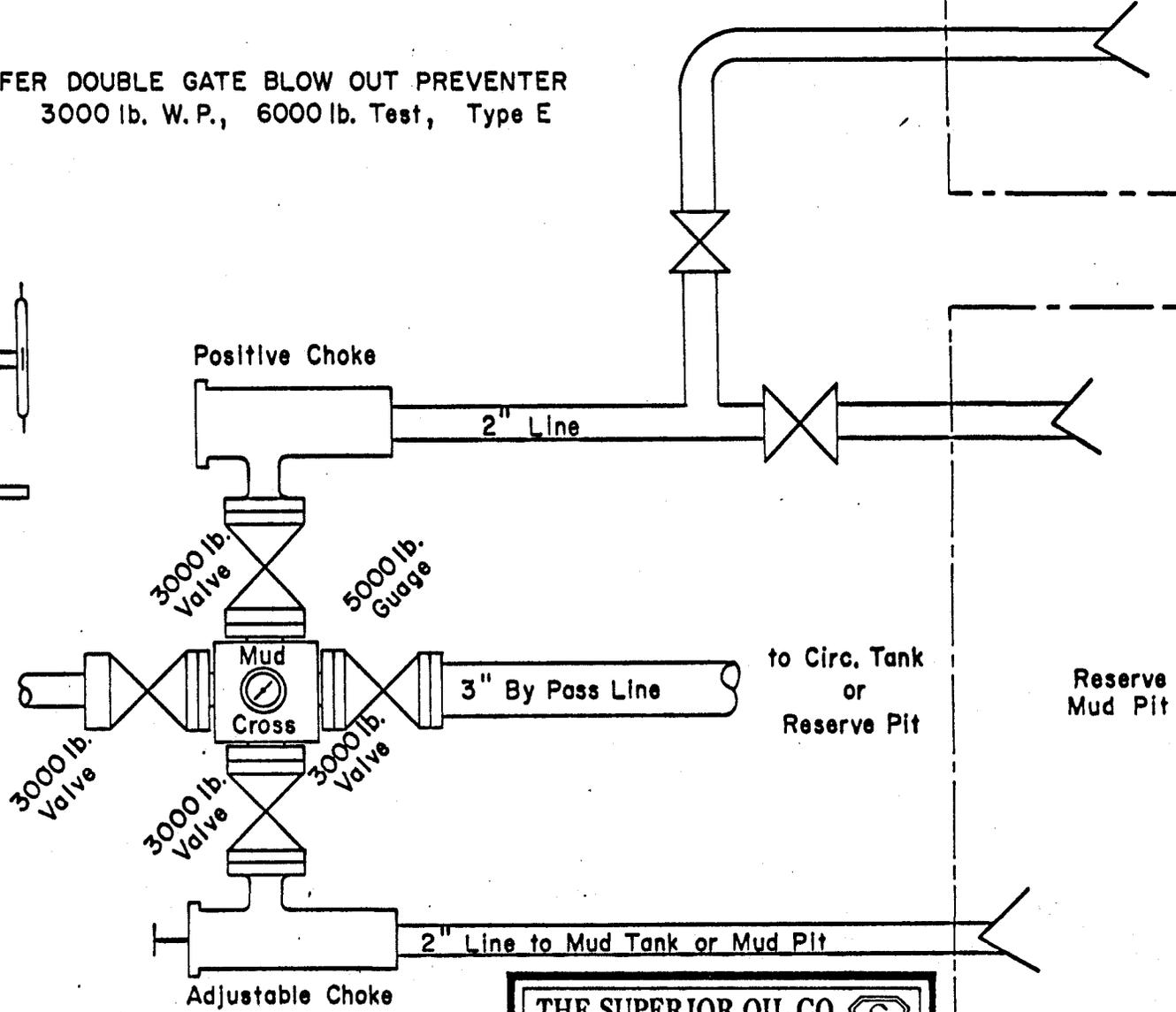
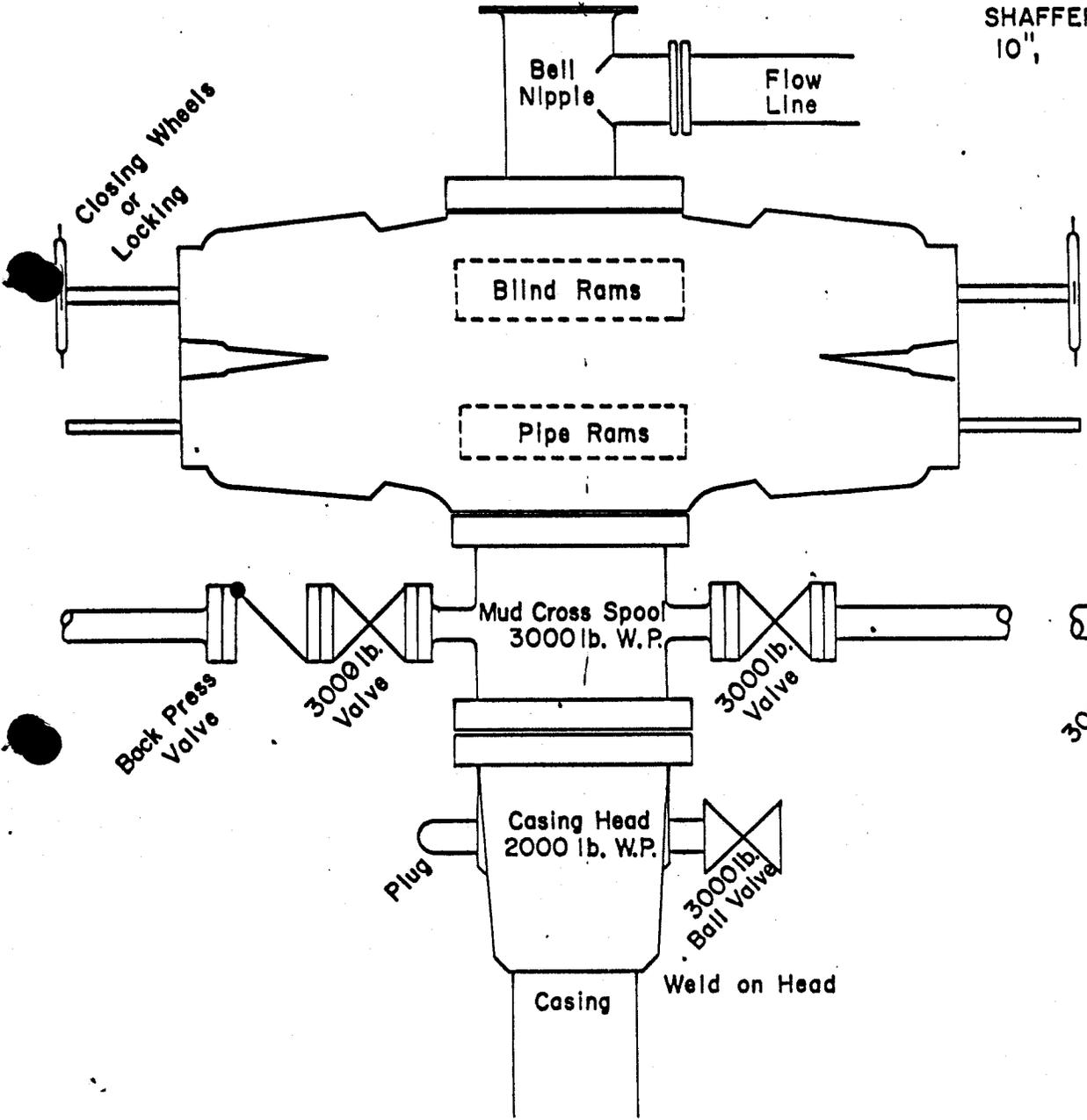
Blowout preventer equipment will be 10" 600 with blind rams and drill pipe rams hydraulically and manually controlled. The blind rams will be tested daily. The schematic of the pressure control equipment can be seen on the attached diagram. The mud system will be monitored by visual inspection.

ANTICIPATED STARTING DATE: December 28, 1982

JSA/lh

Circulating Tank

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



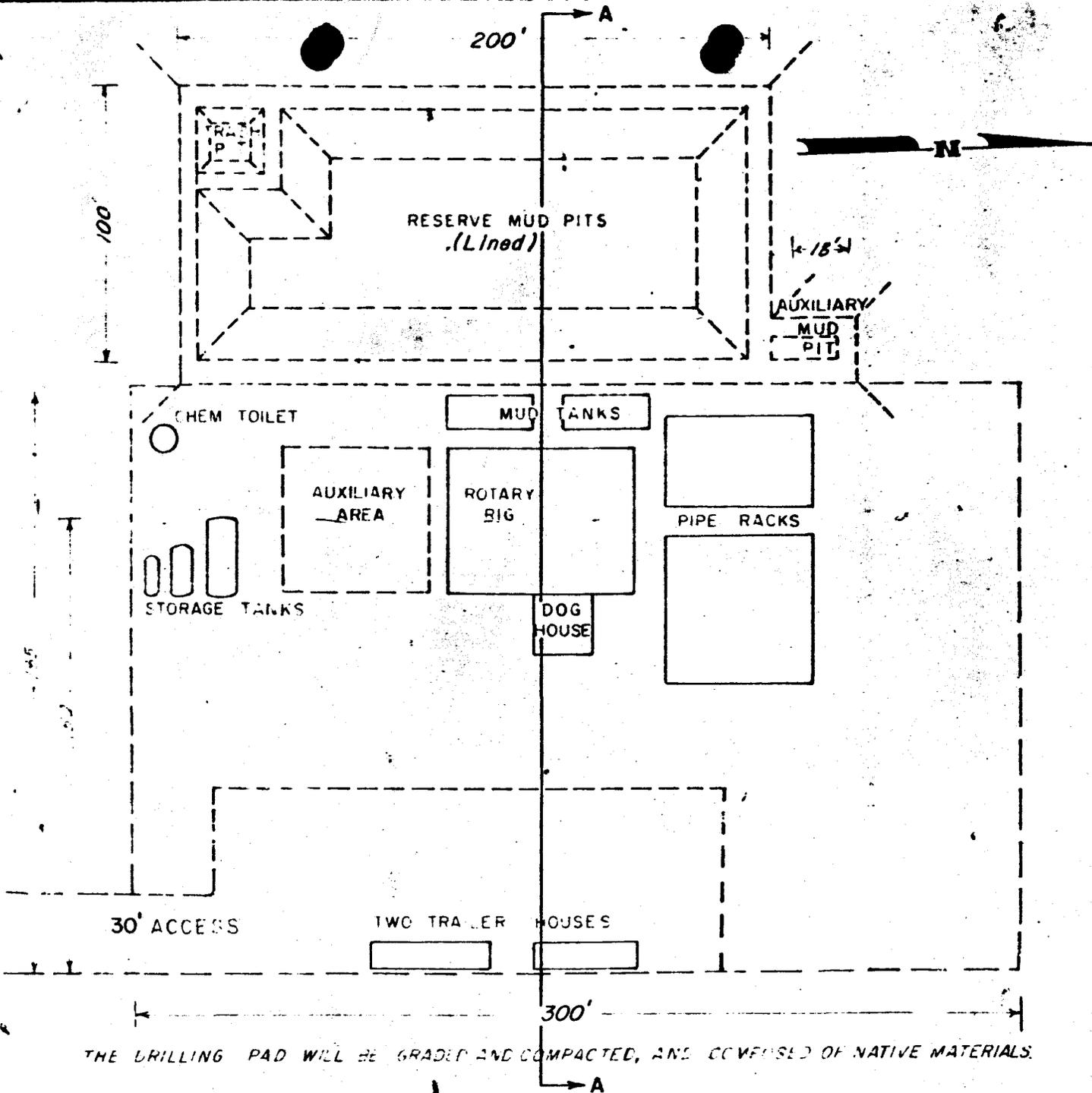
Reserve Mud Pit

THE SUPERIOR OIL CO.
CORTEZ - CASPER DISTRICT
ENGINEERING DEPARTMENT

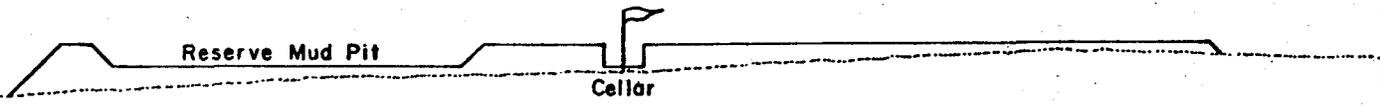


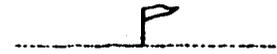
**SCHEMATIC DIAGRAM
OF PRESSURE CONTROL
EQUIPMENT**

BY JEG DATE 6/25/79
SCALE NONE REVISED



PROPOSED WELL SITE
 N.T. 34-21
 Original Elev. 4524.4'



Original Contour 
 Reference Point 
 Graded Proposal 

THE SUPERIOR OIL CO. 
 CORTEZ CASPER DISTRICT
 ENGINEERING DEPARTMENT
**RIG LAYOUT & DRILL
 PAD CROSS SECTION**
 N.T. Well No. 34-21
 ROCKWELL SPRINGS FIELD
 SAN JUAN CO., UTAH
 BY W.H. DATE 8 12 78
 SCALE 1" = 50' REVISED 10/21/82

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 COMPANY

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.)
 At surface: 2400' FWL, 1000' FNL, SEC. 34
 At proposed prod. zone: 1800' FWL, 1100' FNL, SEC. 34
Sundry change BH location 1850 FWL, 800 FNL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
 3 Miles SE of Aneth, Utah

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
 1000'

16. NO. OF ACRES IN LEASE
 640

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.
 1000'

19. PROPOSED DEPTH
 5400'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4524' GR

22. APPROX. DATE WORK WILL START
 Dec. 28, 1982

5. LEASE DESIGNATION AND SERIAL NO.
 NOO-C-14-20-3002

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 NAVAJO

7. UNIT AGREEMENT NAME
 NAVAJO TRIBE

8. FARM OR LEASE NAME
 NAVAJO TRIBE

9. WELL NO.
 #34-21

10. FIELD AND POOL, OR WILDCAT
 ROCKWELL SPRINGS FIELD

11. SEC. T. R. M. OR BLK. AND SURVEY OR AREA
 SEC. 34 T41S, R25E, SLM

12. COUNTY OR PARISH
 SAN JUAN

13. STATE
 UTAH

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
16"	13-3/8"	48#	100'	Redi-mix to surface
12-1/4"	9-5/8"	36#	1300'	300 sx Life & 200 sx 'B'
8-3/4"	5-1/2"	15.5#	5400'	200 sx 'B'

1. Drill 16" hole to 100'. Run 100' of 13-3/8" conductor casing and cement to surface w/ Redi-mix.
2. Drill 12-1/4" hole to 1300'. Run 1300' of 9-5/8" surface casing and cement to surface w/ 300 sx, Life & 200 sx Class 'B' cement.
3. Drill 8-3/4" hole to 5400'. Hole will be directionally drilled. Kickoff at 2200'. Run DLL-MSFL-GR, Sonic-GR, FDC-CNL-GR from 5400' to 1300'.
4. Run 5400' of 5-1/2" production casing and cement w/ 200 sx of Class 'B' cement.
5. To be completed in the Ismay and or Desert Creek based on log evaluation.

Orig + 5 - MMS, State - 2, Navajo Tribe, Walter Duncan Oil Properties, BIA, Compliance Office, Files

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 James S. Andres TITLE Petroleum Engineer DATE 10-25-82
 JAMES S. ANDRES

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE: 11-27-82
 BY: [Signature]

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

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
SUPERIOR OIL COMPANY

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 2400' FWL, 1000' FNL
AT TOP PROD. INTERVAL: Same as surface
AT TOTAL DEPTH: Same as surface

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

5. LEASE
N00-C-14-20-3002

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NAVAJO

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
NAVAJO TRIBAL

9. WELL NO.
#34-21

10. FIELD OR WILDCAT NAME
ROCKWELL SPRINGS FIELD

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA
SEC. 34, T41S, R25E, SLM

12. COUNTY OR PARISH | 13. STATE
SAN JUAN | UTAH

14. API NO.
43-037-30500

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4524' Ungraded Ground Level

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE

CHANGE ZONES

ABANDON*

(other) DISCONTINUE APD

(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 drop subject well (Navajo Tribal 34-21; 2400' FWL, 1000' FNL Sec. 34, T41S, R25E) from the Application for Permit To Drill records and files. Superior Oil is proposing a new oil well (1690' FWL, 1380' FNL Sec. 34, T41S, R25E) which would be ±820' southwest of subject well; this violates the State of Utahs General Rules and Regulations and Rules of Practice and Procedure Rule C-3 (b). Recent Geophysical data and interpretation dictated that this new well be at this location

APPROVED

Subsurface Safety Valve: Manu. and Type _____

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

SIGNED J. R. Oberlander TITLE Engineer

FEB 21 1980
JAMES F. SIMS
1-30-80
DISTRICT OIL & GAS SUPERVISOR

(This space for Federal or State office use)

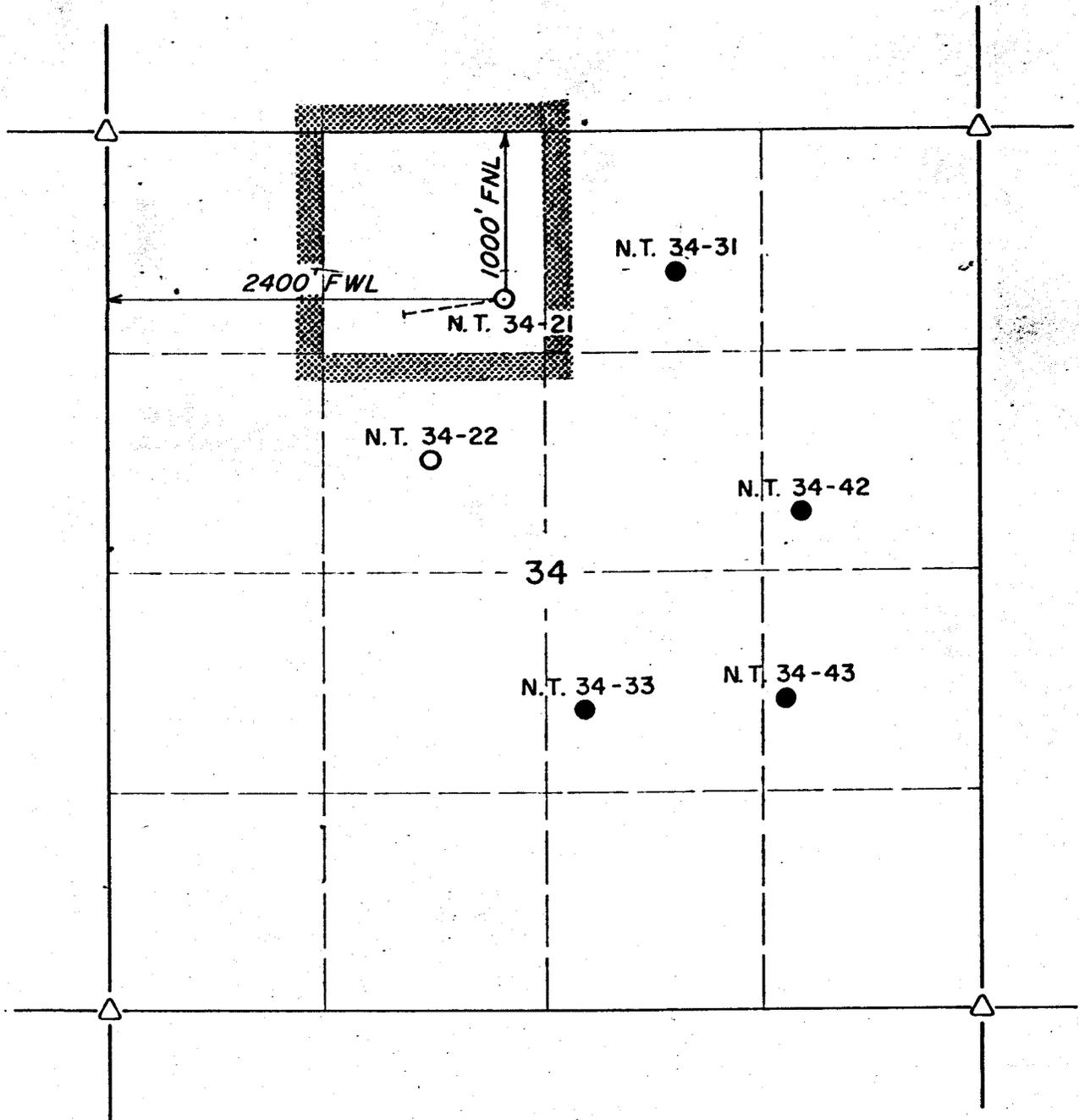
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

OPERATOR

JRO/1h
Orig + 3 - USGS, State - 2, Navajo Tribe, Walter Duncan Oil Properties, T. W. Cooley,
Reg. Group, Central File - Houston, Conroe, Cortez
*See Instructions on Reverse Side

THE SUPERIOR OIL COMPANY
Operator

WELL NO. N.T. 34-21



NE/NW SECTION 34, T41 S, R 25 E
Rockwell Springs Field



- Location
- Well
- ▼ Injector

Scale 1" = 1000'



SUPERIOR OIL

November 2, 1982

Mr. M. T. Minder
Geological Engineer
Division of Oil, Gas & Mining
4241 State Office Bldg.
Salt Lake City, Utah 84114

Re: Rockwell Springs Field
Navajo Tribal #34-21
Section 34, T41S, R25E, SLM
San Juan County, Utah

Dear Sir:

Enclosed is Superior Oil's Application for Permit to Drill the above referenced well.

It should be noted that this location was approved for drilling May 29, 1979. The location was built but the well was not drilled. A side tracked well from this location is proposed due to surface restrictions which makes it difficult to get approval to build a location on the flood plain. Note the attached topo map.

Respectfully submitted,

SUPERIOR OIL COMPANY



Wm. H. Edwards
Special Projects Superintendent

WHE/lh
Attach.

RECEIVED
NOV 08 1982

DIVISION OF
OIL, GAS & MINING

SUPERIOR OIL

November 18, 1982

MR. NORM STOUT
STATE OF UTAH
DIVISION OF OIL, GAS & MINING
4241 STATE OFFICE BUILDING
SALT LAKE CITY, UTAH 84116

RE: PROPOSED WELL
NAVAJO TRIBAL #34-21
1000' FNL, 2400' FWL
SECTION 34, T41S, R25E
SAN JUAN COUNTY, UTAH

Dear Mr. Stout:

Reference is made concerning the bottom hole footages of the subject well to be directionally drilled. In compliance with the State of Utah's General Rules And Regulations and Rules Of Practice And Procedure, Rule C-3 (b), SUPERIOR OIL has determined a new bottom hole location (1850' FWL, 800' FNL, SEC. 34). As per your request, attached is a copy of the original APD with the necessary information provided.

In order to comply with the Minerals Management Service, a Sundry Notice is attached to change the bottom hole location. Also attached is a Sundry Notice to discontinue the APD for Navajo Tribal #34-22.

We appreciate your patience in this matter.

Sincerely,

SUPERIOR OIL


JAMES S. ANDRES
PETROLEUM ENGINEER

JSA/d1b

attachments

**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
SUPERIOR OIL COMPANY

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 2400' FWL, 1000' FNL, SEC. 34
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH: 1850' FWL, 800' FNL, SEC. 34

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

5. LEASE
N00-C-14-20-3002

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NAVAJO

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
NAVAJO TRIBAL

9. WELL NO.
#34-21

10. FIELD OR WILDCAT NAME
WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC. 34, T41S, R25E, SLM

12. COUNTY OR PARISH | 13. STATE
SAN JUAN | UTAH

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4524' GR

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) Change bottom hole location.		

(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.)*

The subject well is to be directionally drilled. To comply with the State of Utah's General Rules And Regulations and Rules of Practice And Procedure, Rule C-3 (b), SUPERIOR OIL has determined a new bottom hole location.

Orig + 5 - MMS, State - 2, Navajo Tribe, Walter Duncan Oil Properties, BIA, Land Administration Office, Files
Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED James S. Andres TITLE PETROLEUM ENGINEER DATE November 18, 1982

(This space for Federal or State office use)

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

Per telecon with Jack Calhoun

11-10-82 -

They will send sundry to
abandon location of NT 34-22,
and will send C-3-C request
for NT 34-21

[Signature]

BOTTOM HOLE LOCATION CHANGED
TO COMPLY WITH C-3-13, AND
SUNDRY TO ABANDON NT 34-22
REC'D 11-24-82

[Signature]

OPERATOR SUPERIOR OIL CO DATE 11-9-82

WELL NAME NAVAJO TRIBAL # 34-21

SEC NE NW 34 T 41 S R 25 E COUNTY SAN JUAN

43-037-30853
API NUMBER

NAVAJO TRIBAL
TYPE OF LEASE

POSTING CHECK OFF:

<input type="checkbox"/>	INDEX	<input checked="" type="checkbox"/>	HL	<input type="checkbox"/>
<input type="checkbox"/>	NID	<input checked="" type="checkbox"/>	PI	<input type="checkbox"/>
<input checked="" type="checkbox"/>	MAP	<input checked="" type="checkbox"/>		<input type="checkbox"/>

PROCESSING COMMENTS:

SURVEY PLAT NOT BY LICENSED SURVEYER, HOWEVER ONLY CHANGE FROM
PLAT PREPARED BY LICENSED ENGINEER IN 1979 IS BOTTOM HOLE LOCATION -
NO WELLS WITHIN 1000'
RJK ✓

APPROVAL LETTER:

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

c-3-b c-3-c

SPECIAL LANGUAGE:

DIRECTIONAL SURVEY DATA MUST BE SUBMITTED
WITH COMPLETION REPORT

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

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING *UNVAJO*

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER NO

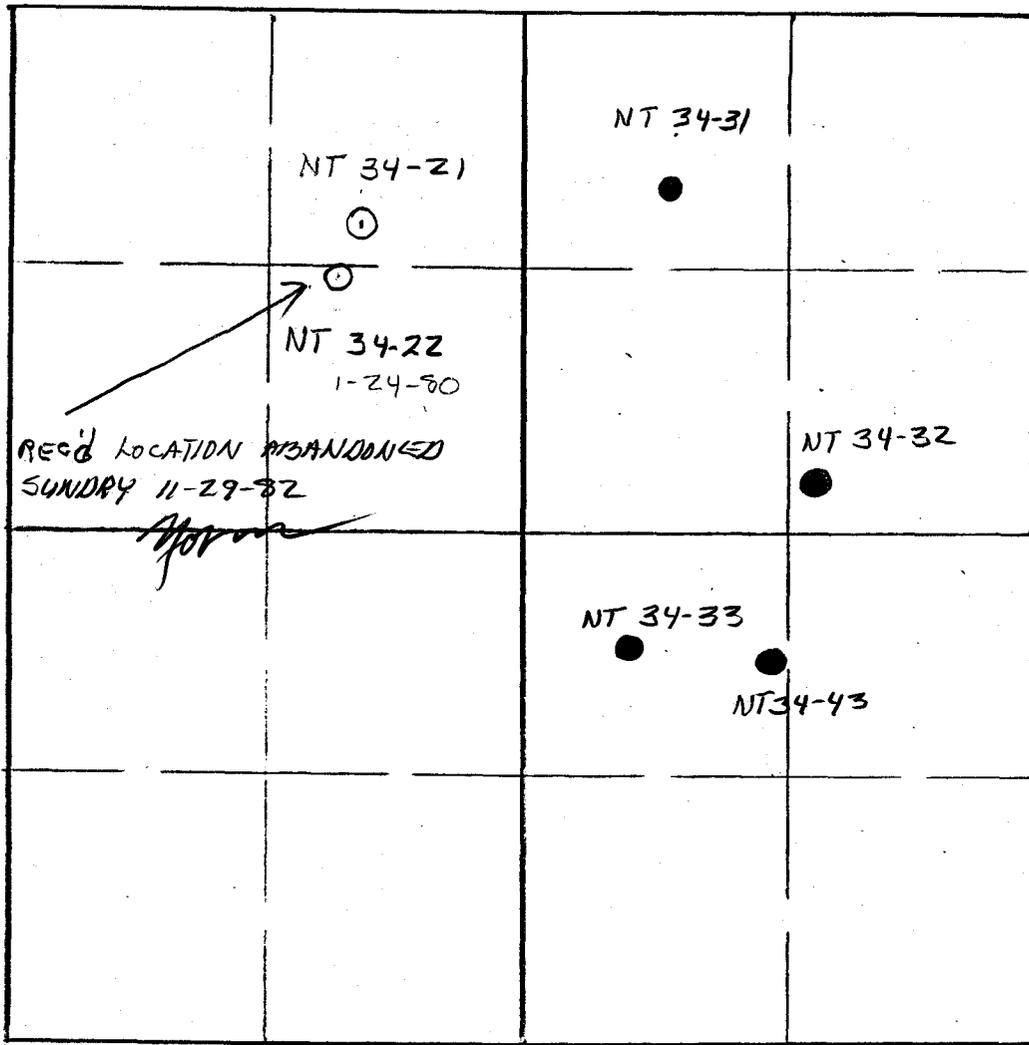
UNIT NO

c-3-b

c-3-c

OUTSTANDING OR OVERDUE REPORTS FOR OTHER WELLS OF THE OPERATOR.

X



SCALE: 1" = 1000'

SEC 34 - 41S, 25E

SAN JUAN

[Signature]
11-29-82

November 29, 1982

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

RE: Well No. Navajo Tribal 34-21
NENW Sec. 34, T.41S, R.25E
San Juan County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3(b), General Rules and Regulations and Rules of Practice and Procedure. Directional survey data must be submitted with completion report.

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 - Engineer
Office: 533-5771
Home: 571-6068

OR

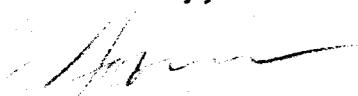
CLEON B. FEIGHT - Director
Office: 533-5771
Home: 466-4455

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

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-037-30853.

Sincerely,


Norman C. Stout
Administrative Assistant

NCS/as
cc: MMS
BIA
Enclosure

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Superior Oil

WELL NAME: Navajo Tribal 34-21

SECTION NENW 34 TOWNSHIP 41 S RANGE 25E COUNTY San Juan

DRILLING CONTRACTOR Arapahoe

RIG # 7

SPUDDED: DATE 1-29-83

TIME 1:00 AM

How Rotary

DRILLING WILL COMMENCE _____

REPORTED BY Bill

TELEPHONE # 303-565-3733

DATE 2-1-83 SIGNED Norm

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
SUPERIOR OIL COMPANY

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 2400' FWL, 1000' FNL, SEC. 34
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH: 1850' FWL, 800' FNL, SEC. 34

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

5. LEASE
N00-C-14-20-3002

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NAVAJO

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
NAVAJO TRIBAL

9. WELL NO.
#34-21

10. FIELD OR WILDCAT NAME
WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SECTION 34, T41S, R25E, SLM

12. COUNTY OR PARISH | 13. STATE
SAN JUAN | UTAH

14. API NO.
43-037-30853

15. ELEVATIONS (SHOW DF, KDB, AND WD)
KB: 4537'

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE

CHANGE ZONES

ABANDON*

(other)

SUBSEQUENT REPORT OF:

MAR 9 1989

DIVISION OF

(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.)*

NOTE: Received verbal approval to P & A the subject well on 2-20-83 from Dean Elliot as follows:

1. Set cement plugs at following intervals w/ 9.2 ppg mud between plugs:
 - a. 5536-5300'
 - b. 4000-3900'
 - c. 2700-2600'
 - d. 1375-1275'
 - e. 100' - Surface
2. Fill cellar w/ cement & mark well w/ a 4" X 10' pipe of which 4' is above ground level & the remainder securely embedded in cement. The top of the pipe should be permanently sealed & marked w/ the well number, location of well & name of lease.

Orig + 4 - BLM, State - 2, Navajo Tribe, Duncan Oil, Reg. Group, Joint Interest, Files-H,D,C

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

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

SIGNED T. Greg Merrion TITLE Prod. Engineer DATE February 25, 1983

(This space for Federal or State office use)

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

MAR 04 1983

SUPERIOR OIL COMPANY
NAVAJO TRIBAL 34-21 ✓DIVISION OF
OIL GAS & MININGCA-MA-30028
2-19-83

TOTAL DEPTH	DIRECTION DEG MIN	ANGLE DEG MIN	VERTICAL DEPTH	LATITUDE FEET	DEPARTURE FEET	VERTICAL SECTION	DOG LEG
1322	TIE COORDINATES		1322.00	0.00 N	0.00 E	0.00	0.00
1381	N 21	0 W 1 0	1381.00	0.48 N	0.19 W	0.30	1.69
1905	N 19	0 E 0 45	1904.94	7.99 N	0.72 W	2.78	0.12
2462	N 54	0 W 0 45	2461.90	13.58 N	2.48 W	5.94	0.16
2554	N 66	0 W 0 45	2553.89	14.18 N	3.52 W	7.10	0.17
2647	N 31	0 W 1 0	2646.88	15.12 N	4.49 W	8.29	0.62
2739	N 21	0 W 1 0	2738.87	16.56 N	5.19 W	9.34	0.19
2833	N 84	0 W 1 0	2832.86	17.41 N	6.30 W	10.64	1.11
2926	S 34	0 W 4 15	2925.75	17.14 N	10.54 W	14.65	3.53
3019	N 82	0 W 7 30	3018.25	17.62 N	19.98 W	23.89	3.79
3112	N 86	0 W 8 30	3110.34	18.95 N	32.84 W	36.65	1.23
3206	S 89	0 W 9 45	3203.15	19.29 N	47.73 W	51.11	1.57
3298	N 88	0 W 10 45	3293.69	19.46 N	64.10 W	66.95	1.23
3392	S 89	0 W 11 15	3385.96	19.60 N	82.03 W	84.29	0.81
3484	N 86	0 W 12 0	3476.07	20.11 N	100.54 W	102.29	1.36
3578	N 90	0 W 13 0	3567.84	20.79 N	120.86 W	122.08	1.41
3669	N 87	0 W 14 0	3656.33	21.37 N	142.09 W	142.71	1.34
3762	N 86	0 W 14 15	3746.52	22.76 N	164.74 W	164.94	0.38
3853	N 84	0 W 15 15	3834.52	24.79 N	187.82 W	187.74	1.23
3946	N 78	0 W 14 30	3924.41	28.49 N	211.37 W	211.44	1.84
4038	N 91	0 W 13 45	4013.62	32.59 N	233.44 W	233.81	1.14
4132	N 76	0 W 14 0	4104.88	37.09 N	255.51 W	256.28	1.30
4224	N 74	0 W 15 30	4193.85	43.17 N	278.12 W	279.70	1.72
4314	N 73	0 W 16 30	4280.36	50.23 N	301.90 W	304.50	1.15
4406	N 72	0 W 15 45	4368.74	57.90 N	326.27 W	330.03	0.87
4499	N 71	0 W 15 30	4458.30	65.85 N	350.03 W	355.03	0.40
4593	N 71	0 W 15 45	4548.82	74.09 N	373.96 W	380.30	0.27
4686	N 69	0 W 15 0	4638.49	82.51 N	397.14 W	404.87	0.99
4779	N 69	0 W 14 0	4728.53	90.86 N	418.87 W	428.03	1.08
4870	N 68	0 W 13 0	4817.01	98.64 N	438.64 W	449.15	1.13
4961	N 68	0 W 12 0	4905.85	106.02 N	456.90 W	468.70	1.10
5052	N 68	0 W 11 45	4994.90	113.03 N	474.26 W	487.30	0.27
5144	N 66	0 W 11 30	5085.01	120.27 N	491.33 W	505.86	0.52
5236	N 65	0 W 11 0	5175.24	127.71 N	507.66 W	523.37	0.58
5329	N 63	0 W 10 45	5266.57	135.40 N	523.43 W	540.61	0.49
5422	N 64	0 W 10 0	5358.05	142.88 N	538.41 W	557.03	0.83
5516	N 64	0 W 10 0	5450.62	150.03 N	553.09 W	573.06	0.90
5524	N 64	0 W 10 0	5458.49	150.64 N	554.33 W	574.43	0.90

THE DOGLEG SEVERITY IS IN DEGREES PER ONE HUNDRED FEET.
THE VERTICAL SECTION WAS COMPUTED ALONG N 74 48 W

A DECLINATION OF 14 0 EAST HAS BEEN APPLIED.

BASED UPON MINIMUM CURVATURE TYPE CALCULATIONS. THE BOTTOM HOLE
DISPLACEMENT IS 574.43 FEET, IN THE DIRECTION OF N 74 48 W
BOTTOM HOLE DISPLACEMENT IS RELATIVE TO WELLHEAD.
VERTICAL SECTION IS RELATIVE TO WELLHEAD.

NL SPERRY-SUN INCORPORATED

VERTICAL PROJECTION

NO WELLS HAVE BEEN EXTRAPOLATED

CUST. SUPERIOR OIL COMPANY

REF. IS. NAVAJO TRIBAL 34-21

JOB. NO. CA-MA-30028

DATE. 2-19-83

START MD. = 0

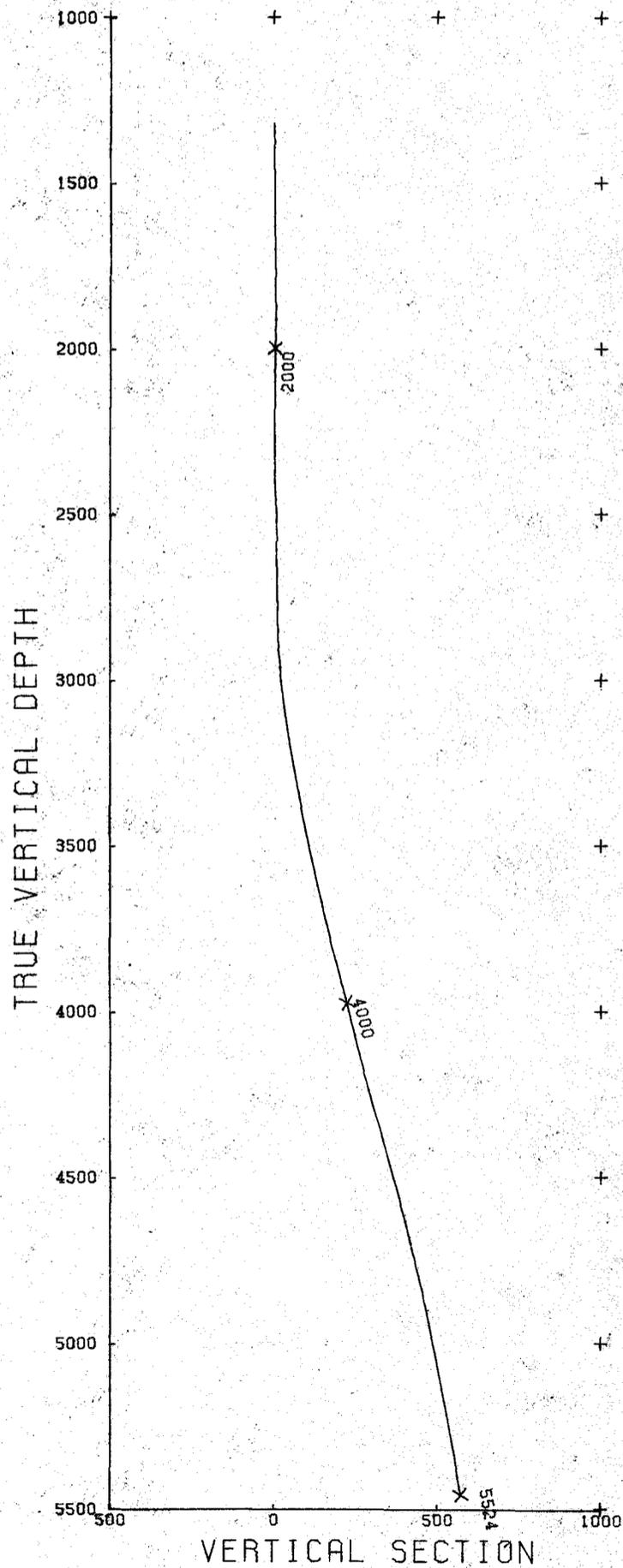
FINISH MD. = 5524

SCALE IS 500 FEET/INCH

V. S. AZM. = 286.00

COURSE LENGTH = 100

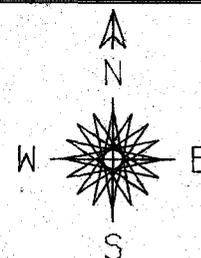
PLOTTED VALUES SHOWN ARE MEASURED DEPTHS



NL SPERRY-SUN INCORPORATED

HORIZONTAL PROJECTION

NO WELLS HAVE BEEN EXTRAPOLATED



CUST. SUPERIOR OIL COMPANY

REF. IS. NAVAJO TRIBAL 34-21

JOB. NO. CA-MA-30028

DATE. 2-19-83

START MD. = 0

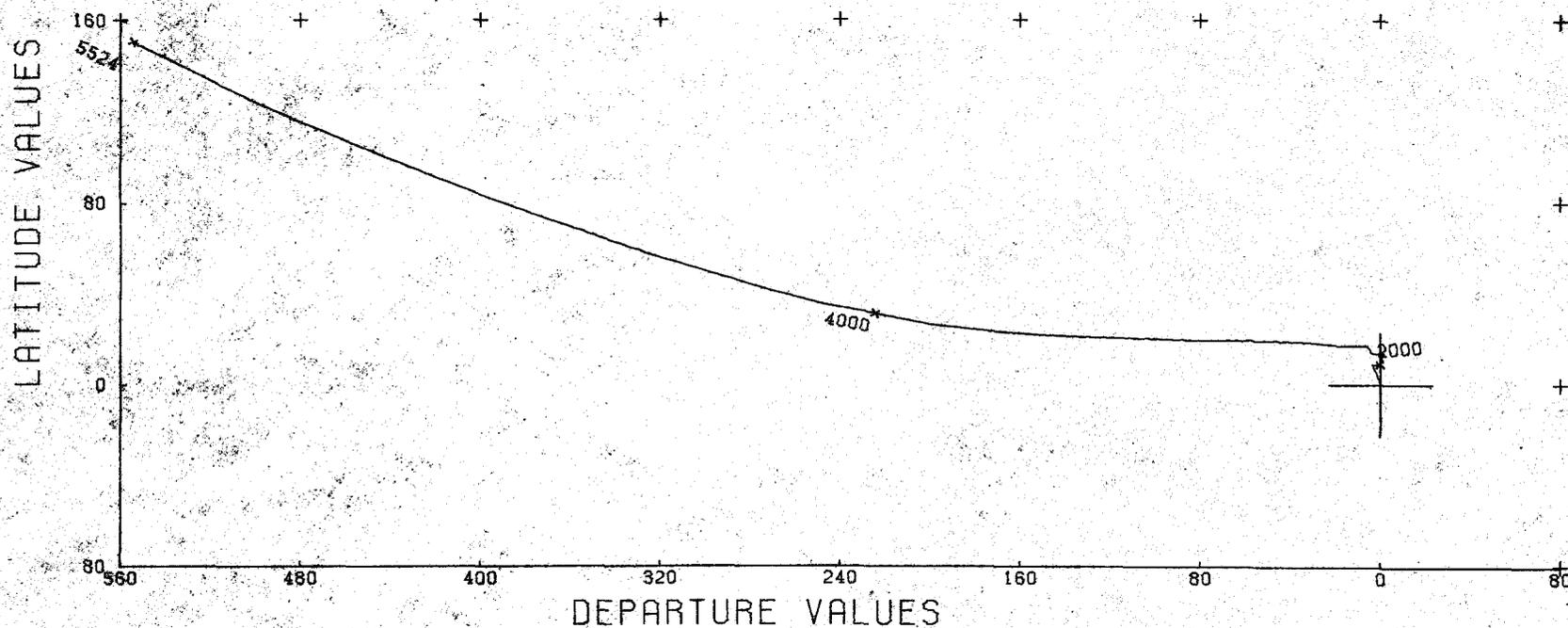
FINISH MD. = 5524

SCALE IS 80 FEET/INCH

AXIS IS TRUE NORTH

COURSE LENGTH = 100

PLOTTED VALUES SHOWN ARE MEASURED DEPTHS



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other In-
structions on
reverse side)

Form approved.
Budget Bureau No. 42-R355.5

5. LEASE DESIGNATION AND SERIAL NO.

N00-C-14-20-3002

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NAVAJO

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

NAVAJO TRIBAL

WELL NO.

#34-21

10. FIELD AND POOL, OR WILDCAT

WILDCAT

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

SEC. 34, T41S, R25E, SLM

12. COUNTY OR PARISH

SAN JUAN

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 P & A

2. NAME OF OPERATOR
SUPERIOR OIL COMPANY

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)
At surface 2400' FWL, 1000' FNL, SEC. 34

At top prod. interval reported below
1850' FWL, 800' FNL, SEC. 34

At total depth

14. PERMIT NO. 43-037-30853
DATE ISSUED 11-29-83

15. DATE SPUNDED 1-28-83
16. DATE T.D. REACHED 2-19-83
17. DATE COMPL. (Ready to prod.)
18. ELEVATIONS (DF, RBE, RT, GR, ETC.)* KB: 4537'
19. ELEV. CASINGHEAD 4524'

20. TOTAL DEPTH, MD & TVD 5535'
21. PLUG, BACK T.D., MD & TVD
22. IF MULTIPLE COMPL., HOW MANY*
23. INTERVALS DRILLED BY
ROTARY TOOLS 0-5535'
CABLE TOOLS -

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
25. WAS DIRECTIONAL SURVEY MADE YES

26. TYPE ELECTRIC AND OTHER LOGS RUN GR-FDC-CIL, GR-SP-DIL, GR-BHCS, RFT
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
13-3/8"	54.50	165'	17-1/2"	176 cu ft C1 B + 35 cu ft Redimix - surface
9-5/8"	47	1322'	12-1/4"	576 cu ft Lite + 468 cu ft C1 B - surface

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.	
		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION
DATE FIRST PRODUCTION
PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Plugged
WELL STATUS (Producing or shut-in)

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 T. Greg Merrion TITLE Production Engineer DATE 2-25-83
T. Greg Merrion

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

FORM OGC-8-X
FINLE IN QUADRUPLICATE

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

DIVISION OF
OIL, GAS, AND MINING

MAR 08 1983

U

REPORT OF WATER ENCOUNTERED DURING DRILLING

WELL NAME & NUMBER NAVAJO TRIBAL #34-21

OPERATOR SUPERIOR OIL

Address P.O.DRAWER G, CORTEZ, COLORADO 81321

CONTRACTOR ARAPAHOE DRILLING CO.

Address 3200 S. SIDE RIVER RD, FARMINGTON, NEW MEXICO 87401

LOCATION NE $\frac{1}{4}$ NW $\frac{1}{4}$; Sec. 34 ; T. 41 N; R. 25 E
S W

COUNTY SAN JUAN COUNTY, UTAH

WATER SANDS:

	<u>DEPTH</u>		<u>VOLUME:</u>		<u>QUALITY:</u>
	From -	to-	Flow Rate or Head -	Fresh or Salty -	
1.	<u>485'</u>	<u>- 1322'</u>	<u>6" stream</u>	<u>fresh</u>	
2.	<u> </u>	<u> </u>	<u> </u>	<u> </u>	
3.	<u> </u>	<u> </u>	<u> </u>	<u> </u>	
4.	<u> </u>	<u> </u>	<u> </u>	<u> </u>	
5.	<u> </u>	<u> </u>	<u> </u>	<u> </u>	

(Continue on Reverse Side if Necessary)

FORMATION TOPS:

NOTE:

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