

FILE NOTATIONS

Entered in WLD File
Location Map Pinned
Card Indexed

Checked by Chief
Approval Letter
Disapproval Letter

COMPLETION DATA:

Date Well Completed 8-9-78.....

Location Inspected

ON ✓ ... OS..... PA.....
... TA.....

Bond released
State or Fee Land

LOGS FILED

Driller's Log..... ✓
Electric Logs (No.) ✓
E..... I..... Dual I Lat..... GR-N..... Micro.....
BHC Sonic GR..... Lat..... MI-L..... Sonic.....
CBLog..... CCLog..... Others.....

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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 34

9. WELL NO.
#34-31

10. FIELD AND POOL, OR WILDCAT

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

12. COUNTY OR PARISH 13. STATE
SAN JUAN UTAH

22. APPROX. DATE WORK WILL START*
May 15, 1978

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 4420' FSL, 1890' FEL, SEC. 34, T41S, R25E, SLB&M
At proposed prod. zone

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

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1890'

16. NO. OF ACRES IN LEASE 640

17. NO. OF ACRES ASSIGNED TO THIS WELL 80

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1700

19. PROPOSED DEPTH 5480'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4529' Ungraded Ground Level

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' | To Surface |
| 12-1/4" | 8-5/8" | 24# | 2025' | To Surface |
| 7-7/8" | 5-1/2" | 14 & 15.5# | 5480' | 250 Sacks |

1. Drill 17-1/2" hole to 100'. Set 13-3/8" casing to 100' and cement to surface.
2. Drill 12-1/4" hole to 2025'. Set 8-5/8" casing to 2025' and cement to surface.
3. Drill 7-7/8" hole through Desert Creek Zone at approximately 5480'.
4. Log well.
5. Set 5-1/2" casing at 5480' and cement with 250 sacks.
6. Perforate Ismay and/or Desert Creek and stimulate based on log evaluation.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE: 2-28-78
BY: C.B. Light

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 Charles L. Hill TITLE Sr. Area Engineer DATE Feb. 14, 1978

(This space for Federal or State office use)

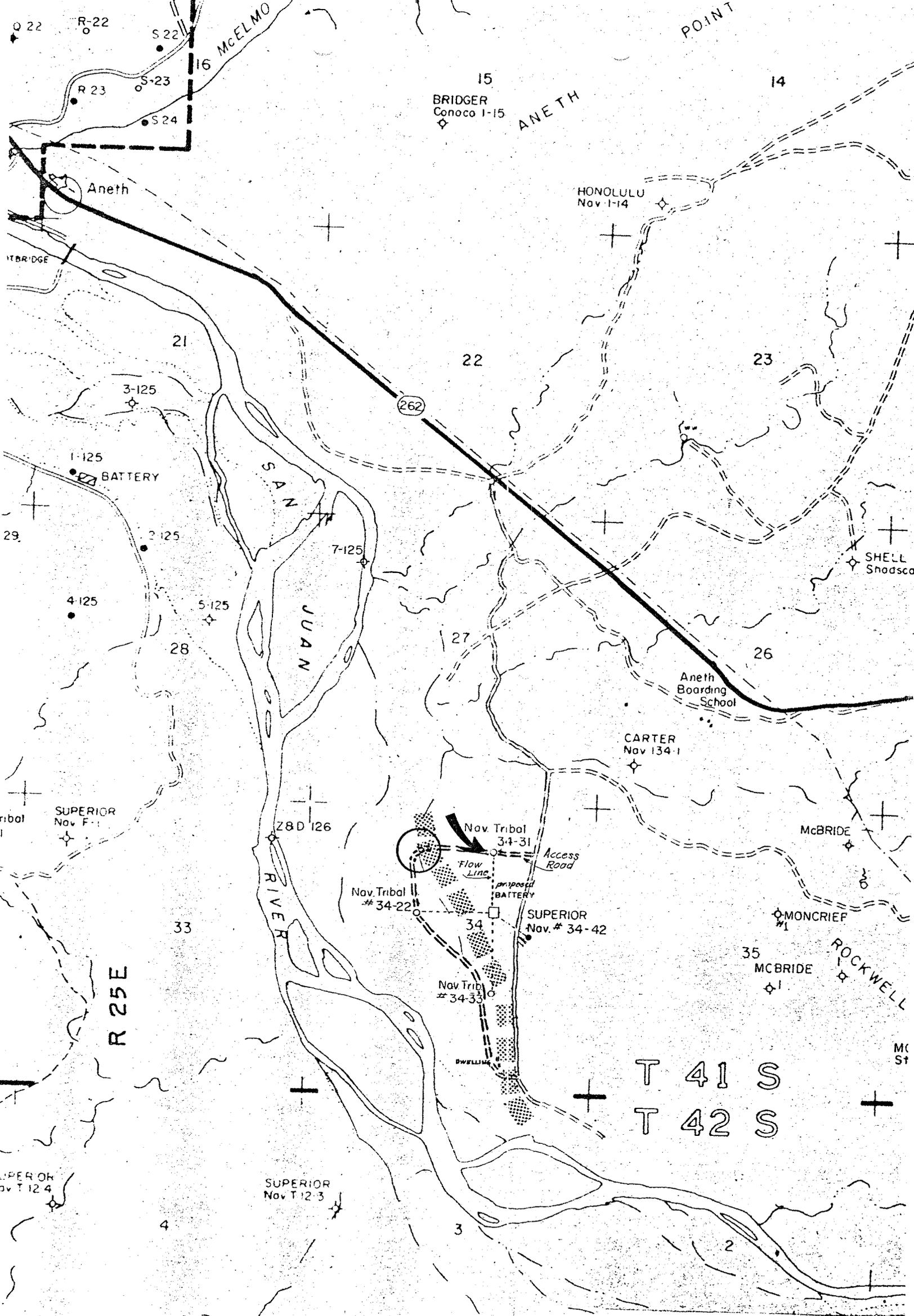
PERMIT NO. 43-037-30429 APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Orig. + 3 - USGS, State - 2, W. N. Mosley, J. M. Moler, T. L. Logan, Jerry Braswell, Navajo Tribe, WIO, File

*See Instructions On Reverse Side



THE SUPERIOR OIL CO.
CORTEZ - CASPER DISTRICT
ENGINEERING DEPARTMENT

PROPOSED LOCATION
WITH FLOW LINE

BY SCALE DATE 2-10-78
REVISED



THE SUPERIOR OIL COMPANY

P. O. DRAWER G

CORTEZ, COLORADO 81321

February 14, 1978

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 #34-31
4420' FSL, 1890' FEL
Section 34, T41S, R25E
San Juan County, Utah

Dear Mr. McGrath:

The "Surface Use Development Plan" for the proposed Superior's Navajo Tribal #34-31 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 2000' X 30' access road is required as shown on the attached plat. The proposed road will run northeast to the location and will be of compacted sand and gravel with a maximum grade of 1/2%. 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 1100' south to a new tank 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

Charles L. Hill

Charles L. Hill

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.

Feb 15, 78
Date

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

SUPPLEMENT TO FORM 9-331C

WELL: Navajo #34-31

SURFACE FORMATION WHERE PROPOSED DRILLING IS TO TAKE PLACE: Dakota

ESTIMATED FORMATION TOPS: (Measured from KB approximately 4542')

| | |
|--------------|-------|
| Chinle | 1994' |
| DeChelly | 2337' |
| Ismay | 5158' |
| Gothic Shale | 5297' |
| Desert Creek | 5327' |
| Chimney Rock | 5462' |
| TD | 5480' |

WATER BEARING FORMATIONS: Water is expected to be encountered intermittently from 400' to 1994'.

HYDROCARBON BEARING FORMATIONS: Oil and gas are expected to be encountered intermittently from 5158' 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:

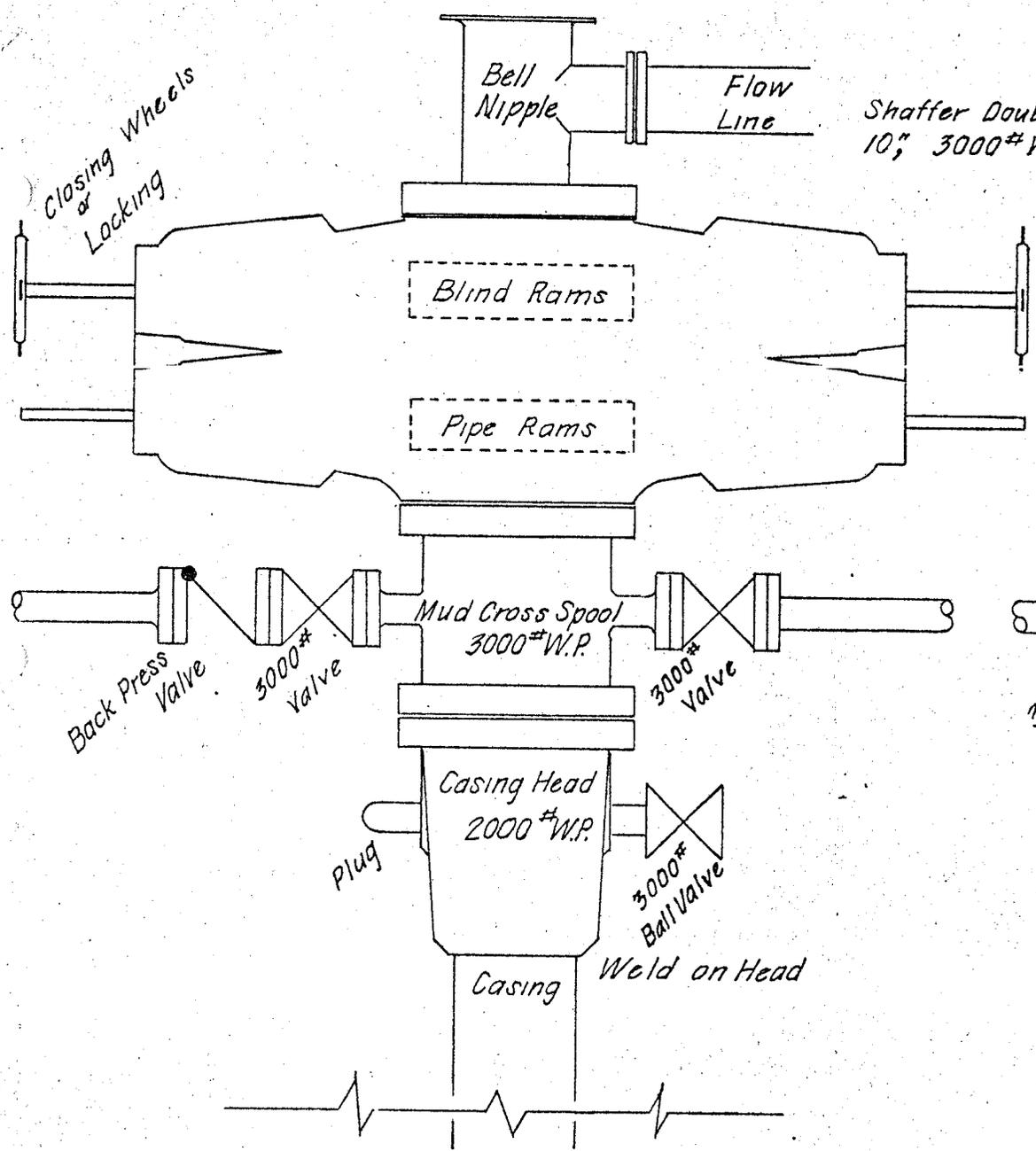
- Surface - Cement to surface w/900 sx B. J. Light w/10#/sk Gilsonite, followed w/100 sx Class "B" Neat w/2% CaCl at 15.6 ppg.
- Production - 250 sx Class "B" with 5#/sk salt, 1/2#/sk Firm Set and 3/4% CFR-2.

LOGGING PROGRAM:

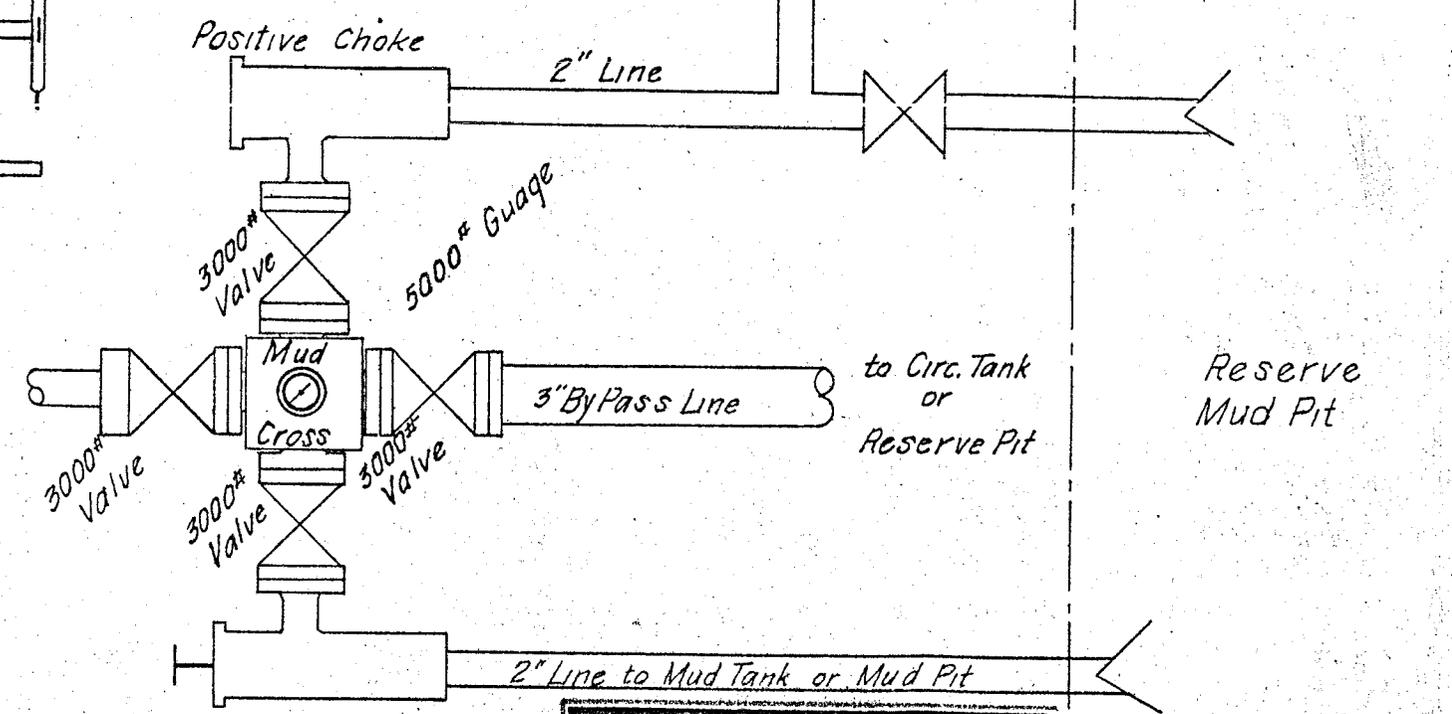
- FDC-CNL Sonic - TD to Surface.
- DIL, MSFL - TD to 5000'.

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.



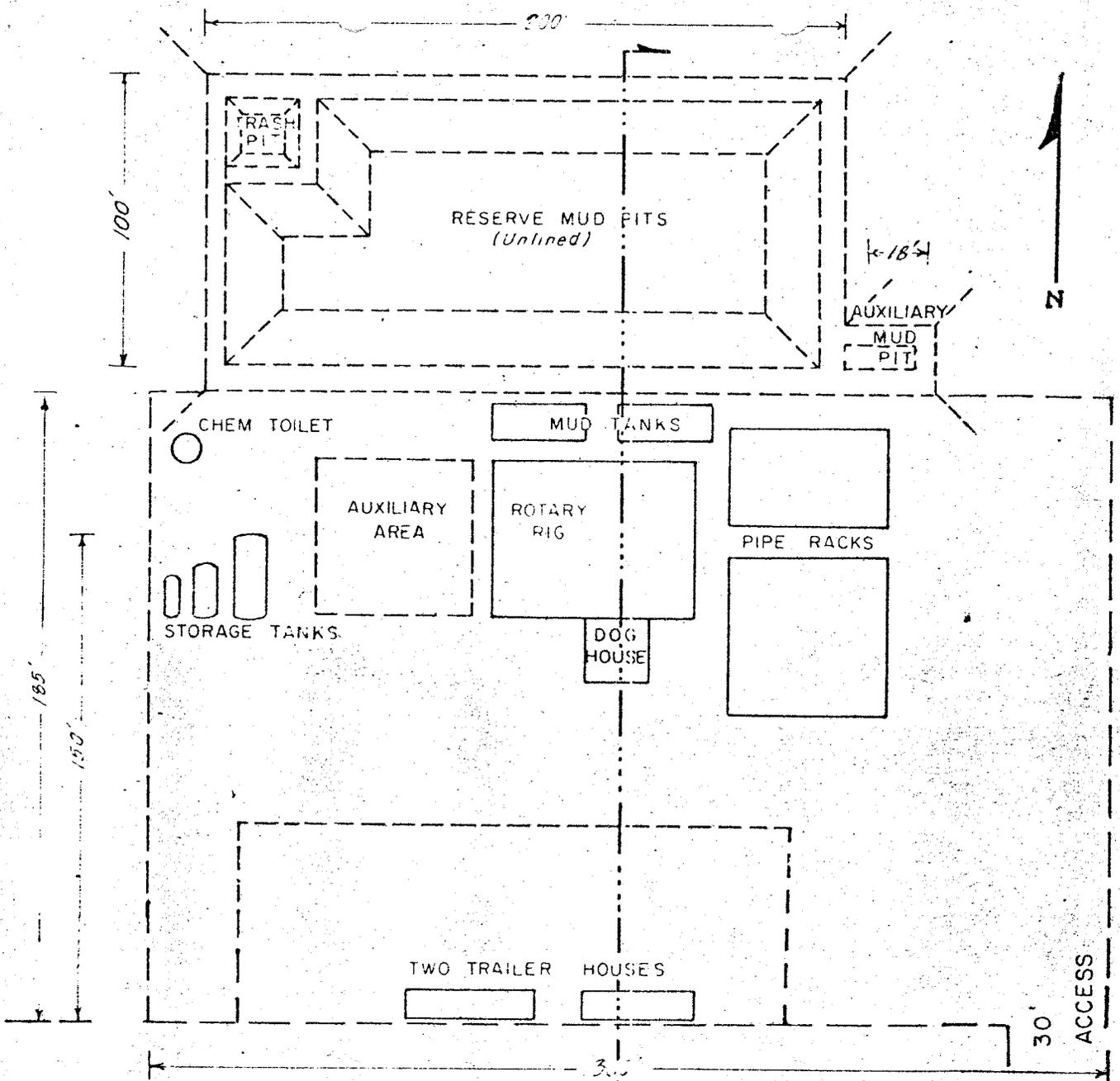
Shaffer Double Gate Blow Out Preventer
10", 3000# W.P., 6000# Test, Type E



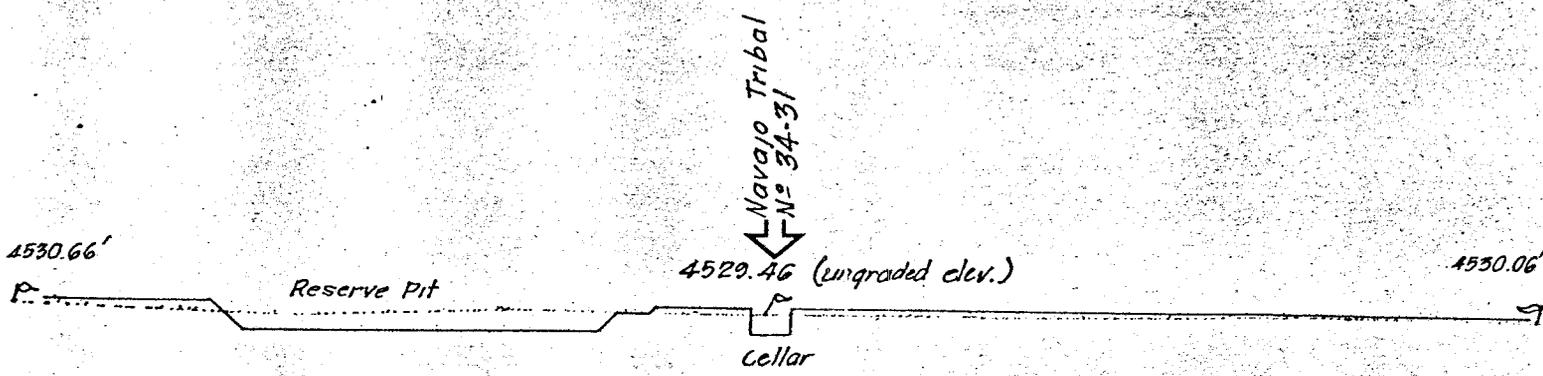
Circulating Tank

Reserve Mud Pit

| | | |
|---|-------------------------|--|
| THE SUPERIOR OIL CO. | | |
| CORTEZ - CASPER DISTRICT ENGINEERING DEPARTMENT | | |
| SCHEMATIC DIAGRAM OF PRESSURE CONTROL EQUIPMENT | | |
| BY SCALE DONE | DATE REVISED 8-12-76 | |



THE DRILLING PAD WILL BE GRADED AND COMPACTED, AND COMPOSED OF NATIVE MATERIALS.



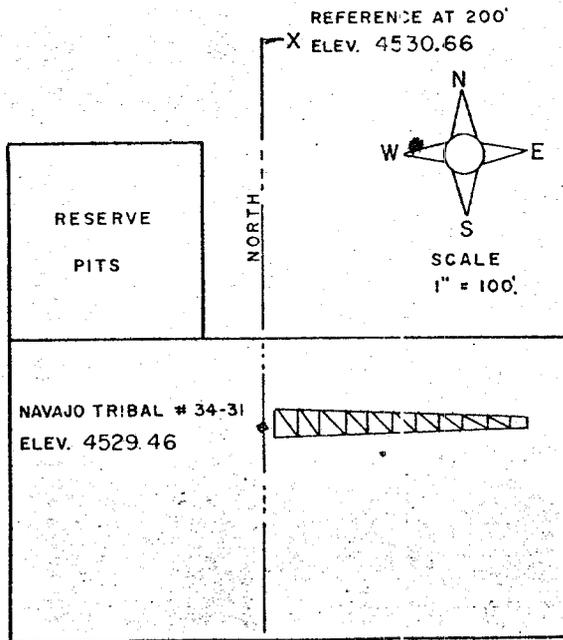
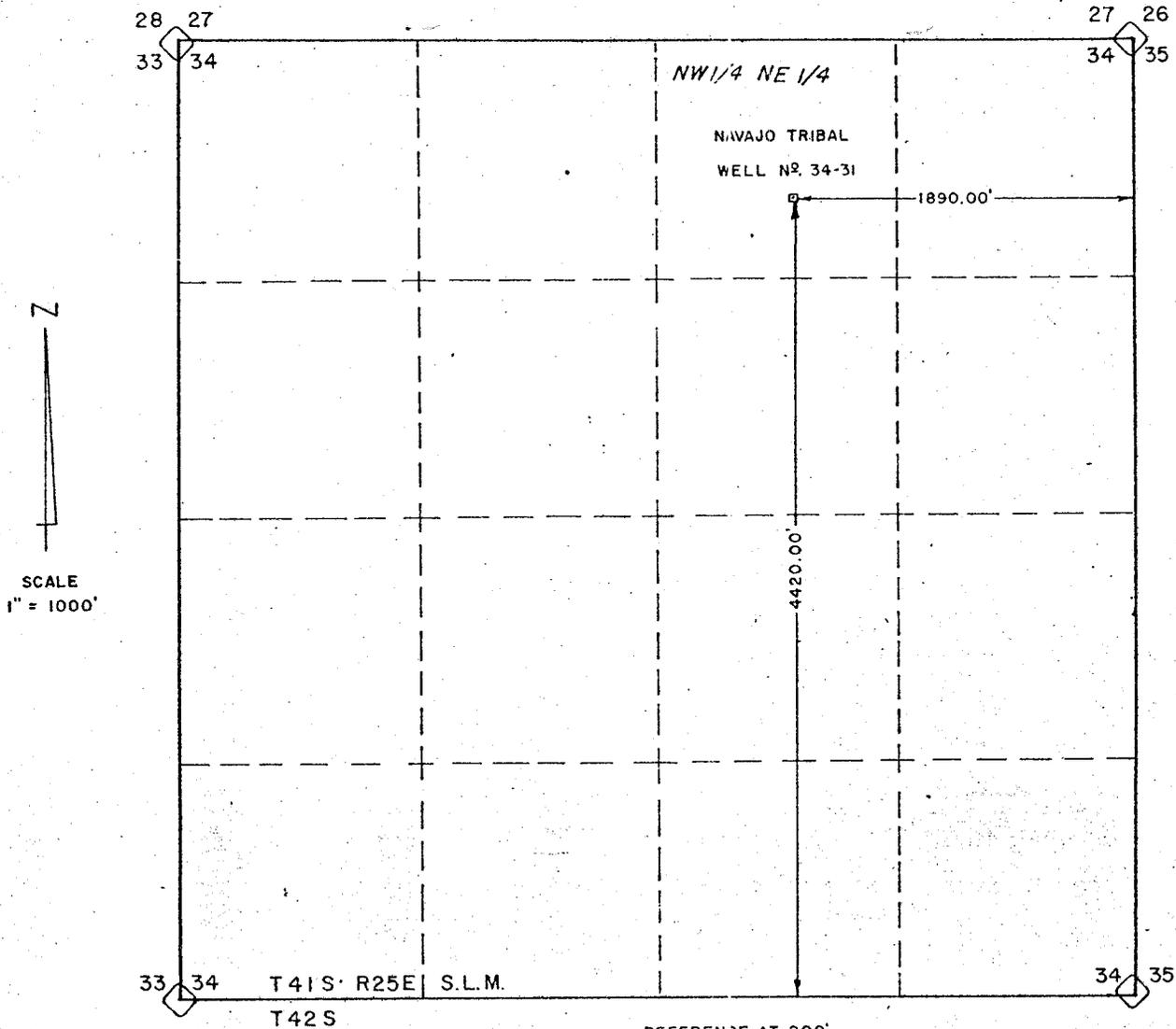
Original Contour...
 Graded Line...
 Reference Point...
(Note: The diagram uses a dashed line for the original contour, a solid line for the graded line, and a triangle symbol for the reference point.)

THE SUPERIOR OIL CO.
 CORTEZ-CASPER DISTRICT
 ENGINEERING DEPARTMENT

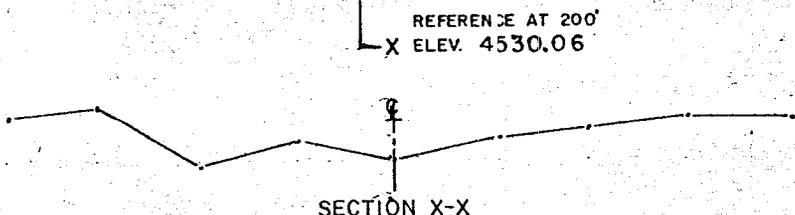
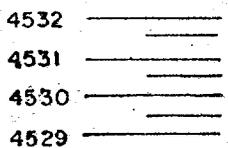
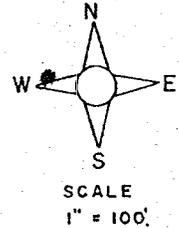
**RIG LAYOUT & DRILL
 PAD CROSS SECTION**

NAVAJO TRIBAL No 34-31

SAN JUAN COUNTY, UTAH
 BY M.H.T. DATE 8-10-78
 SCALE 1" = 50' REVISED



Navajo Tribal 34-31
 NW 1/4, NE 1/4, Sec. 34
 T 41 S, R 25 E, S.L.M.

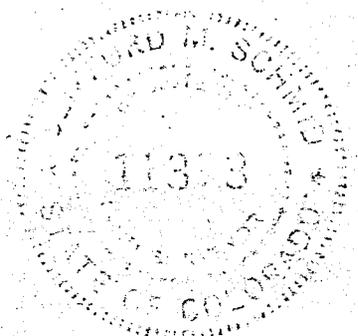


HORIZ. SCALE - 1" = 100'
 VERT. SCALE - 1" = 5'

SOIL: SAND, SILT
 VEGETATION: SCATTERED
 TUMBLEWEEDS

KNOW ALL MEN BY THESE PRESENTS:
 That I, Clifford M. Schmid, 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.

Clifford M. Schmid
 Clifford M. Schmid
 Colo. Reg. L. S. No. 11373
 Utah Registration Pending



C & W SURVEYS
 2615 MAIN AVENUE
 DURANGO, COLO.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

NW NE 1/4

** FILE NOTATIONS **

Date: Feb. 24, 1978

Operator: Superior Oil Company

Well No: Navajo # 34-31

Location: Sec. 34 T. 41S R. 25E County: San Juan

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API NUMBER: 43-037-30429

CHECKED BY:

Administrative Assistant [Signature]

Remarks:

Petroleum Engineer ck Pt

Remarks:

Director [Signature]

Remarks:

*undersigned
Field*

INCLUDE WITHIN APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No.

Surface Casing Change to

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

O.K. Rule C-3

O.K. In _____ Unit

Other:

Letter ~~Written~~ / Approved

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

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

9. WELL NO.

#34-31

10. FIELD AND POOL, OR WILDCAT

GREATER ANETH

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

SEC. 34, T41S, R25E

12. COUNTY OR PARISH 13. STATE

SAN JUAN 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

THE SUPERIOR OIL COMPANY

3. ADDRESS OF OPERATOR

P. O. DRAWER 'G', CORTEZ, COLORADO 813

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

4420' FSL, 1890' FEL, Sec. 34, T41S, R25E, SLB&M

14. PERMIT NO.

43-037-30429

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

4530' Graded ground level

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(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.)*

- Navajo Tribal #34-31 was spudded by Mesa Rig #1 at 9:00 A.M., 6/17/78. Drilled w/12-1/2" bit to 110' & opened up same w/17-1/2" hole opener to 108'. POH.
- Ran 3 jts. 13-3/8" 48# H-40 ST&C csg to 108' TD. Cmtd on bottom w/100 sx class 'B' w/4% gel, 2% CaCl & 1/4#/sx celoflake. Dsplcd to 85', circ. approximately 5 bbls good cmt. WOC. Cut 13-3/8" and welded 2-3" nipples in same. NU 12" 900 series hydril.
- RIH and tagged cement at 92'. WOC 18 hrs. Tested hydril to 500# 1/4 hr, OK. Drld cement shoe out 4:00 PM., 6/19/78. DA w/12-1/4" bit, received 3" water flow at 495'. Drld to 920'. Made trip for new bit. Drld to 1301', received 4-1/2" water flow at 1301'.
- Ran 30 jts. 8-5/8", 24#, K55 ST&C csg to 1301' TD. Cmtd on bottom w/550 sx lite wt. 10#/sx Gilsonite, followed by 100 sx Class 'B' 2% CaCl. Circ. good cmt. 2" water flow continued in annulus, mixed 200 sx 'B' cement w/3% CaCl. WOC 3 hrs. 0 pressure & annulus full of hard cmt. Cut off 13-3/8" csg, welded 1/2" plate on top of annulus to 8-5/8" csg. Cut off 8-5/8", nipples down hydril, welded on Rector 8-5/8" braden head. NU 10" 900 series BOP, set test plug, tested pipe rams, blind rams, manifold & kelly valve to 1600# OK. D.A.

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

SIGNED J. R. Oberlander

TITLE Area Engineer

DATE July 21, 1978

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

JRO/sc

xc: USGS (3 + Orig)

STATE OF UTAH (2)

Navajo Tribe

CONROE cc: TWC; ERM; JB;
WNN; JH; JIB

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALLOTTEE
TRIBE Navajo
LEASE NO. 14-20-603-372

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County SAN JUAN Field MC ELMO

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, 19 78,

Agent's address P. O. Box 71 Company The Superior Oil Company
Conroe, Texas 77301

Phone 713-539-1771 Signed Sr. Production Engineer

| SEC. AND 1/4 OF 1/4 | TWP. | RANGE | WELL NO. | DATE PRODUCED | BARRELS OF OIL | GRAVITY | CU. FT. OF GAS (in thousands) | GENERS OF GAS/TESTED | BARRELS OF WATER (if none, so state) | REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas) |
|---------------------|------|-------|---------------|---------------|----------------|---------|-------------------------------|----------------------|--------------------------------------|--|
| SEC. 32 | | | | | | | | | | |
| NW-SW | 41S | 25E | M-12B | | | | | | | TD 5748' 6-30-78 Completing |
| SEC. 34 | | | | | | | | | | |
| SE-NW | 41S | 25E | Navajo Tribal | 34-22 | | | | | | 6-30-78 w/o Rig |
| ✓ NE-NW | 41S | 25E | Navajo Tribal | 34-31 | | | | | | 6-30-78 Drilling |
| NE-SW | 41S | 25E | Navajo Tribal | 34-33 | | | | | | 6-30-78 w/o Rig |
| SE-NE | 41S | 24E | Navajo Tribal | 34-42 | | | | | | TD 5488' 6-30-78 Completing |



NOTE.—There were _____ runs or sales of oil; _____ M. cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALLOTTEE _____
TRIBE Navajo
LEASE NO. 14-20-603-372

LESSEE'S MONTHLY REPORT OF OPERATIONS

P

State UTAH County SAN JUAN Field MC ELMO

The following is a correct report of operations and production (including drilling and producing wells) for the month of APRIL, 1978,

Agent's address P. O. Box 71 Company The Superior Oil Company
Conroe, Texas 77301 Signed Brian R. Flayder

Phone 713-539-1771 Agent's title Sr. Production Engineer

| SEC. AND 1/4 OF 1/4 | TWP. | RANGE | WELL NO. | DAYS PRODUCED | BARRELS OF OIL | GRAVITY | CU. FT. OF GAS (In thousands) | GALLONS OF GASOLINE RECOVERED | BARRELS OF WATER (If none, so state) | REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas) |
|---------------------|------|-------|---------------------|---------------|----------------|---------|-------------------------------|-------------------------------|--------------------------------------|--|
| SEC. 6 | | | | | | | | | | |
| NW-SW | 41S | 25E | J-15B | | | | | | | TD 5640' 4-30-78 Completing |
| SEC. 12 | | | | | | | | | | |
| NE-SW | 41S | 24E | G-18B | | | | | | | TD 5615' 4-30-78 Testing |
| NW-NE | 41S | 24E | H-17B | | | | | | | TD 5675' 4-30-78 Testing |
| SEC. 34 | | | | | | | | | | |
| SE-NW | 41S | 25E | Navajo Tribal 34-22 | | | | | | | 4-30-78 w/o Rig |
| NE-NW | 41S | 25E | Navajo Tribal 34-31 | | | | | | | 4-30-78 w/o Rig |
| NE-SW | 41S | 25E | Navajo Tribal 34-33 | | | | | | | 4-30-78 w/o Rig |
| SE-NE | 41S | 24E | Navajo Tribal 34-42 | | | | | | | |



CONFIDENTIAL

NOTE.—There were _____ runs or sales of oil;

_____ runs or sales of gasoline during the month. (Write "no" where applicable)
NOTE.—Report on this form is required for each calendar month, regardless of the status of operations. Duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

FORM OGC-8-X
FINLE IN QUADRUPLICATE

CIRCULATE TO: Mike
Jim
DIRECTOR
PETROLEUM ENGINEER
MINE COORDINATOR
ADMINISTRATIVE ASSISTANT
ALL
RETURN TO *Kathy* FOR FILING



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

Kathy Avila
KMP

REPORT OF WATER ENCOUNTERED DURING DRILLING

WELL NAME & NUMBER NAVAJO TRIBAL #34-31

OPERATOR THE SUPERIOR OIL COMPANY

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

CONTRACTOR MESA DRILLERS

Address P.O.BOX 108, LUBBOCK, TEXAS 77408

LOCATION NW 1/4 NE 1/4; Sec. 34; T. 41S N; R. 25 E
S XX

COUNTY SAN JUAN

WATER SANDS:

| | <u>DEPTH</u> | | <u>VOLUME:</u> | <u>QUALITY:</u> |
|----|--------------|------|---------------------|------------------|
| | From - | to- | Flow Rate or Head - | Fresh or Salty - |
| 1. | 170' | 496' | 2" | Fresh |
| 2. | 496' | 889' | 4" | Fresh |
| 3. | | | | |
| 4. | | | | |
| 5. | | | | |

(Continue on Reverse Side if Necessary)

FORMATION TOPS: Chinle at 1131'

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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALLOTTEE _____
TRICE Navajo
LEASE No. 14-20-603-372

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County SAN JUAN Field Mc ELMO

The following is a correct report of operations and production (including drilling and producing wells) for the month of AUGUST, 1978,

Agent's address P.O. BOX 71 Company THE SUPERIOR OIL COMPANY
CONROE, TEXAS 77301 Signed Brian R. Hayden

Phone 713/539-1771 Agent's title SR. PRODUCTION ENGINEER

| SEC. AND 1/4 OF 1/4 | TWP. | RANGE | WELL No. | Date Produced | BARRELS OF OIL | GRAVITY | CU. FT. OF GAS (In thousands) | GALLONS OF GASOLINE RECOVERED | BARRELS OF WATER (If none, so state) | REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas) |
|---------------------|------|-------|---------------|---------------|----------------|---------|-------------------------------|-------------------------------|--------------------------------------|--|
| Sec. 18 | | | | | | | | | | |
| SE - NW | 41S | 25E | K-22 | X | | | | | | TD 5266' 8-31-78 Completing |
| Sec. 33 | | | | | | | | | | |
| NW - SE | 40S | 25E | T-12 | A | | | | | | 8-31-78 Drilling |
| Sec. 34 | | | | | | | | | | |
| SE - NW | 41S | 25E | Navajo Tribal | 34-22 | | | | | | 8-31-78 w/o Rig |
| NE - NW | 41S | 25E | Navajo Tribal | 34-31 | | | | | | TD 5488' 8-31-78 Completing |
| NE - SW | 41S | 25E | Navajo Tribal | 34-33 | | | | | | 8-31-78 w/o Rig |

NOTE.—There were _____ runs or sales of oil; _____ M. cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

August 21, 1978

MEMO TO FILE

Re: Superior Oil Company
Rockwell Springs Ad.
Navajo 34-31
Sec. 34, T. 41S, R. 25E
San Juan County, Utah

Mr. Fred Speers of Superior Oil Co. requested permission to flare this well for a 60 day period. It is the confirmation well to the Rockwell Springs Field discovery, and appears to be quite marginal. Swab tests on the well indicated 20 BOPD and 150 BWPD, and this may decrease as the well is pumped. Further, at this oil rate, it is felt that any produced solution gas would be used on the lease and chances that gas will actually be flared are nil.

Verbal permission was granted to Superior Oil Co. as of the above date.

PATRICK L. DRISCOLL
CHIEF PETROLEUM ENGINEER
DIVISION OF OIL, GAS, & MINING

PLD/lw
cc:U.S.Geological Survey
Phil McGrath

THE SUPERIOR OIL COMPANY

P. O. BOX 71
CONROE, TEXAS 77301

Confidential

P

October 18, 1978

State of Utah
Oil and Gas Conservation Commission
1588 West North Temple
Salt Lake City, Utah 84138

Gentlemen:

Attached are 2 copies of the United States Geological Survey Well Completion Reports and 2 copies of the electric logs for Navajo Tribal Well 34-31.

We wish to keep this well confidential until all legal matters are settled. Please hold all enclosed information in confidence for a maximum time period.

Very truly yours,

Brian R. Hayden

The Superior Oil Company
Brian R. Hayden
Sr. Production Engineer

RFK/slm

xc: WNM, BRH, LBH, CF

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE
(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

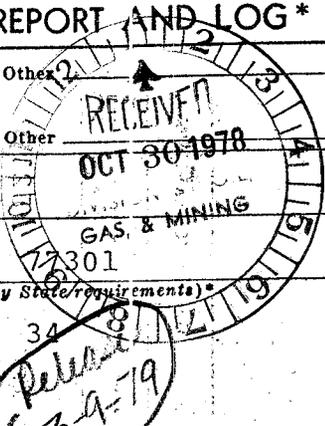
1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other

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

2. NAME OF OPERATOR
The Superior Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 71 Conroe, Texas

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 4420' FSL, 1890' FEL Sec. 34
At top prod. interval reported below Same
At total depth Same



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

9. WELL NO.
34 - 31

10. FIELD AND POOL, OR WILDCAT
Greater Aneth

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 34, T41s R25 E

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

14. PERMIT NO. 43-037-30429 DATE ISSUED

15. DATE SPUNDED 6/17/78 16. DATE T.D. REACHED 7/11/78 17. DATE COMPL. (Ready to prod.) 8/9/78 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 4536' KB 19. ELEV. CASINGHEAD 4523'

20. TOTAL DEPTH, MD & TVD 5488' 21. PLUG, BACK T.D., MD & TVD 5350' 22. IF MULTIPLE COMPL. HOW MANY* --- 23. INTERVALS DRILLED BY --- ROTARY TOOLS 0-5488' CABLE TOOLS None

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5275-5318' Ismay 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN
Dual Induction Laterolog and Borehole Compenstate Sonic Log No

27. WAS WELL CORED No

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

| CASINO SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|-------------------------|---------------|
| 13 3/8" | 48 | 108' | 17 1/2" | 200 sx class B | None |
| 8 5/8" | 24 | 1163' | 12 1/4" | 950 sx lt.wt. & class B | None |
| 5 1/2" | 14 & 15.5 | 5488' | 7 7/8" | 250sx class B | None |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (M.D) |
|------|----------|-------------|---------------|--------------|
| | | | | |

30. TUBING RECORD

| SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|--------|----------------|-----------------|
| 2 7/8" | 5309' | None |

31. PERFORATION RECORD (Interval, size and number)

| | |
|----------|-----------|
| 5275-78' | 1 Jet/ft. |
| 5287-91' | 1 Jet/ft. |
| 5293-97' | 1 Jet/ft. |
| 5306-18' | 1 Jet/ft. |

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| 5275-5318' | 6.590 gal. 28% HCL acid |

33.* PRODUCTION

DATE FIRST PRODUCTION 10/1/78 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping with 1 1/2" rod pump WELL STATUS (Producing or shut-in) Producing

| DATE OF TEST | HOURS TESTED | CHOKE SIZE | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF. | WATER—BBL. | GAS-OIL RATIO |
|--------------|--------------|------------|-------------------------|----------|----------|------------|---------------|
| 9/1/78 | 24 | 3/4" | → | 20 | No test | 10 | |

| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL—BBL. | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) |
|---------------------|-----------------|-------------------------|----------|----------|------------|-------------------------|
| | | → | 20 | No Test | 10 | 41.4 |

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

35. LIST OF ATTACHMENTS
Logs

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

SIGNED Brian R. Hayden TITLE Sr. Production Engineer DATE 10/17/78
B.R. Hayden

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

STORM CHOKE

TYPE _____ LOC. _____

INSTRUCTIONS

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

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

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

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

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME | MEAS. DEPTH | TOP TRUE VERT. DEPTH |
|--|-----|--------|-----------------------------|--------------|-------------|-------------------------|
| 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 | | | | | | |
| | | | NO CORES OR DST'S: | | | |
| | | | | Lower Ismay | 5273' | |
| | | | | Gothic Shale | 5320' | |
| | | | | Desert Creek | 5368' | |
| | | | | Chimney Rock | 5462' | |
| 38. GEOLOGIC MARKERS | | | | | | |

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.)

| | |
|--|---------------------|
| 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. | 34-31 |
| 10. FIELD OR WILDCAT NAME | ROCKWELL SPRINGS |
| 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA | SEC. 34, T41S, R25E |
| 12. COUNTY OR PARISH | SAN JUAN |
| 13. STATE | UTAH |
| 14. API NO. | 43-037-30429 |
| 15. ELEVATIONS (SHOW DF, KDB, AND WD) | 4530' G.L. |

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: 4420' FSL, 1890' FEL
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

| | |
|---|--------------------------|
| 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>Dispose of produced water</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.)*

COMPLETED OPERATIONS: Test of Desert Creek & Ismay Zones
Spudded: 6-17-78
TD of 5488', 5-1/2", 14 & 15.5#, K-55, ST&C casing set to 5488' on 7-14-78.
ZONES TESTED: Desert Creek (5375-78', 5396-5404', 5407-11', 5415-20'; with 1 jet/ft). Matrix treated with 5460 gal 28% HCL, 7-26-78. Recovered 117 bbl load, no show of oil.
Acid fractured with 7560 gal 28% HCL emulsified acid 7-29-78. Recovered 220 bbl load, 11% oil, swabbed dry. Did not recover total load amount. Zone proved non-productive. Set retrievable bridge plug at 5350'.
Cont. on reverse side.

Subsurface Safety Valve: Manu. and Type

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

SIGNED J. R. Oberlander TITLE Engineer DATE JAN. 16, 1980

(This space for Federal or State office use)

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

SGS - Orig + 3, State - 2, Navajo Tribe, T. W. Cooley, Reg. Group, Duncan Oil, Central
File-Conroe, Central, File-Houston, File

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law 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.

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 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former, or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

ZONES TESTED CONT:

Ismay (5275-78', 5287-91', 5293-97', 5306-18' with 1 jet/ft). Matrix treated with 6,590 gals 28% HCL 8-2-78. Recovered 407 bbl water, 43 bbl oil. Shut in to 9-18-78 prep to put pumping unit on. Pumping 9-19-78 to 9-22-78, recovered 270 bbl water, 65 bbl oil. 9-23-78 to 11-1-78 shut in. Pumping 11-2-78 to 11-10-78 recovered 145 bbl water, 13 bbl oil. 11-10-78 pumping unit moved off, uneconomical. Pulled production equipment and bridge plug. Installed BOP's. On 5-3-79 set permanent drillable bridge plug at 5250'. Tested plug. Well temporarily abandoned 5-3-79.

PROPOSED OPERATIONS: Dispose of produced water in Desert Creek interval.

- There are currently two wells producing oil, gas and water from the Desert Creek in the Rockwell Springs Field, Navajo Tribal #34-42 and the Navajo Tribal #34-43 (see attached land plat). Water production for these two wells is approximately 200 BPD and is currently being trucked from the lease. Water production is anticipated to increase from these two wells and from new development wells planned for the field. Water being produced will be re-injected into the same zone. An average water analysis of produced water from the field is 85,000 PPM total dissolved solids, a pH of 6.9, a chlorides concentration of 160,000 PPM and a sulfates concentration of 285 PPM.
- The injection formation will be the Desert Creek Zone; (5375-78', 5396-5404', 5407-11', 5415-20'). A preliminary test for injectivity is requested; if injection proves satisfactory the Ismay zone interval will be cement squeezed and a Lok-set packer set between the two intervals for isolation. If the preliminary test proves unsuccessful the well will be abandoned following the USGS guidelines.
- The total dissolved solids in the Desert Creek is approximately 85,000 PPM.
- Fresh water was encountered from 170' to 1131' (top of Chinle). This aquifer encompasses the Greater Aneth Area.
- Drill 17-1/2" hole to 108', ran 13-3/8", 48#, H-40, ST&C. Cemented on bottom w/100 sx Class "B" w/4% gel, 2%/CaCl and 1/4#/sk celoflake. Circ approximately 5 lbs good cement. Drilled 12-1/4" hole to 1301' ran 8-5/8", 24#, K-55 ST&C casing to TD. Cemented w/550 sx lite wt. w/10#/sk Gilsonite, followed by 100 sx Class "B" w/2% CaCl. Water flow in annulus continued, mixed 200 sx "B" w/3% CaCl. Annulus full of hard cement. Drilled 7-7/8" hole to 5488', ran 680', 5-1/2", 15.5#, K-55 ST&C followed with 4808', 5-1/2", 14#, K-55, ST&C casing. Cemented w/250 sx Class "B" w/5#/sk salt and 1/2#/sk fix set and 3/4 of 1% CFR-2. The top of the cement is at 4800'.

CONT. ON PAGE 2

(2)

7. TD is 5488' with a plug back depth of 5444'.
8. The Ismay interval will be squeeze cemented and drilled out and tested for isolation. Tubing will be 2-7/8" J-55 plastic coated with a Baker Lok-set packer at 5335'. The anticipated surface injection pressure will be 2000 psi. The tubing-casing annulus will be filled with Arco C-109 inhibitor.
9. Injection Profile Surveys will be performed on a yearly basis to insure of confined injection. The wellhead hookup will include a 3500 psi working pressure tubing side and injection side valve to shut the well in if necessary.

orig file.
cc R. Furth

Mobil Oil Corporation

P.O. BOX 5444
DENVER CO. COLORADO 80217

January 14, 1985

Utah Division of Oil, Gas and Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

RECEIVED

FEB 01

DIVISION OF OIL
GAS & MINING

Attention: Ms. Dianne Nielson, Director

RE: NOTICES TO SUPERIOR OIL COMPANY

Dear Ms. Nielson:

As a result of the merger which became effective on September 28, 1984, The Superior Oil Companies ("Superior") is now a wholly owned subsidiary of Mobil Corporation.

Effective January 1, 1985, Mobil Oil Corporation began acting on behalf of The Superior Oil Companies as service contractor, for the purpose of performing comprehensive business management and related administrative services. To this end, Superior has entered into a Services Agreement with Mobil and has issued Powers of Attorney to certain Mobil employees, whereby Mobil has agreed to perform all of Superior's obligations and duties, and shall be entitled to enforce all of Superior's rights and privileges, including but not limited to all applicable Operating Agreements and leases (see attached). This shall include, without limitation, the making and receiving of payments, the giving and receiving of notices and other information, and the performance of all other related functions. Therefore, after December 31, 1984, notices to Superior or relative to its interests, assets or obligations should designate Mobil and be mailed to:

PERMITS ONLY

Mobil Oil Corporation
P.O. Box 5444
Denver, Colorado 80217-5444
Attention: R. D. Baker

(303) 298-2577

RON

Enclosed is a list of all Superior wells. This list includes the well names, locations, API numbers and producing zone (if applicable).

We appreciate your consideration and cooperation. If you have any questions, please direct them to the undersigned.

Very truly yours,



R. D. Baker
Environmental & Regulatory Manager - West

Enclosure

Mobil Oil Corporation

P.O. BOX 5444
DENVER, COLORADO 80217-5444

May 14, 1986

Utah Board of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attn: R. J. Firth
Associate Director

RECEIVED
MAY 16 1986

DIVISION OF
OIL, GAS & MINING

SUPERIOR OIL COMPANY MERGER

Dear Mr. Firth:

On September 20, 1984, The Superior Oil Company (Superior) became a wholly owned subsidiary of Mobil Corporation. Since January 1, 1985, Mobil Oil Corporation (MOC), another wholly owned subsidiary of Mobil Corporation, has acted as agent for Superior and has operated the Superior-owned properties.

On April 24, 1986, Superior was merged with Mobil Exploration and Producing North America Inc. (MEPNA), which is also a wholly owned subsidiary of Mobil Corporation. MEPNA is the surviving company of the merger.

This letter is to advise you that all properties held in the name of Superior will now be held in the name of MEPNA; and that these properties will continue to be operated by MOC as agent for MEPNA.

Attached is a listing of all wells and a separate listing of injection-disposal wells, Designation of Agent and an organization chart illustrating the relationships of the various companies. If you have any questions or require additional documentation of this merger, please feel free to contact me at the above address or (303) 298-2577.

Very truly yours,



R. D. Baker
Environmental Regulatory Manager

CNE/rd
CNE8661

WESTERN REGULATORY WELL COMPLIANCE DATA FILE (PAGE 1 OF 2)
 FOR THE CORTEZ SUPERVISOR AREA
 FOR THE GREATER ANETH FIELD 05/13/86

| PROPERTY NAME | WELL NAME | COUNTY | STATE | SEC | TWNSHP | RNG | WELL TYPE | STATUS | API NUMBER | FEDERAL LEASE NUMBER | STATE NUMBER | UNIT NUMBER |
|---------------|-----------|----------|-------|-----|--------|------------|-----------|--------|--------------|----------------------|--------------|-------------|
| MC ELMO CREEK | W-16 | SAN JUAN | UT | SE | SW | 03-41S-25E | PROD | SI | 43-037-16161 | 14-20-603-2057 | | 96-004190 |
| | X-09 | SAN JUAN | UT | NW | NE | 34-40S-25E | PROD | OP | 43-037-16162 | 14-20-603-2057 | | 96-004190 |
| | 02 | SAN JUAN | UT | SW | NW | 17-41S-25E | MSW | OP | A-29718 | 09-229 CERT NO. | 8446 | |
| | 03 | SAN JUAN | UT | SE | NE | 17-41S-25E | MSW | OP | A-29718 | 09-229 CERT NO. | 8446 | |
| | 04 | SAN JUAN | UT | NW | SW | 17-41S-25E | MSW | OP | A-29718 | 09-229 CERT NO. | 8446 | |
| | 05 | SAN JUAN | UT | NE | SW | 17-41S-25E | MSW | OP | A-29718 | 09-229 CERT NO. | 8446 | |
| | 06 | SAN JUAN | UT | NE | SW | 17-41S-25E | MSW | OP | A-29718 | 09-229 CERT NO. | 8446 | |
| | 07 | SAN JUAN | UT | SE | SW | 17-41S-25E | MSW | OP | A-29718 | 09-229 CERT NO. | 8446 | |
| | 08 | SAN JUAN | UT | SE | SW | 17-41S-25E | MSW | OP | A-29718 | 09-229 CERT NO. | 8446 | |
| | 09 | SAN JUAN | UT | SE | SW | 17-41S-25E | MSW | OP | A-29718 | 09-229 CERT NO. | 8446 | |
| | 10 | SAN JUAN | UT | SE | SW | 17-41S-25E | MSW | OP | A-29718 | 09-229 CERT NO. | 8446 | |
| | 11 | SAN JUAN | UT | SE | SW | 17-41S-25E | MSW | OP | A-29718 | 09-229 CERT NO. | 8446 | |
| | 13 | SAN JUAN | UT | SE | NE | 17-41S-25E | MSW | OP | A-29718 | 09-229 CERT NO. | 8446 | |
| | 14 | SAN JUAN | UT | SE | NE | 18-41S-25E | MSW | OP | A-29718 | 09-229 CERT NO. | 8446 | |
| | 15 | SAN JUAN | UT | SE | NE | 18-41S-25E | MSW | OP | A-29718 | 09-229 CERT NO. | 8446 | |
| | 16 | SAN JUAN | UT | SW | NW | 17-41S-25E | MSW | OP | A-29718 | 09-229 CERT NO. | 8446 | |
| | 17 | SAN JUAN | UT | NW | SW | 17-41S-25E | MSW | OP | A-29718 | 09-229 CERT NO. | 8446 | |
| | 18 | SAN JUAN | UT | SW | NE | 17-41S-25E | MSW | OP | A-29718 | 09-229 CERT NO. | 8446 | |
| | 19 | SAN JUAN | UT | NW | SW | 17-41S-25E | MSW | OP | A-29718 | 09-229 CERT NO. | 8446 | |
| | 20 | SAN JUAN | UT | SW | NE | 17-41S-25E | MSW | OP | A-29718 | 09-229 CERT NO. | 8446 | |
| | 21 | SAN JUAN | UT | NW | NE | 18-41S-25E | MSW | OP | A-29718 | 09-229 CERT NO. | 8446 | |
| | 22 | SAN JUAN | UT | NW | NE | 18-41S-25E | MSW | OP | A-29718 | 09-229 CERT NO. | 8446 | |
| | 23 | SAN JUAN | UT | NW | NE | 17-41S-25E | MSW | OP | A-29718 | 09-229 CERT NO. | 8446 | |
| | 24 | SAN JUAN | UT | NW | NE | 17-41S-25E | MSW | OP | A-29718 | 09-229 CERT NO. | 8446 | |
| | 25 | SAN JUAN | UT | NW | NE | 17-41S-25E | MSW | OP | A-29718 | 09-229 CERT NO. | 8446 | |
| NAV TRACT 125 | 28-23 | SAN JUAN | UT | NE | SW | 28-41S-25E | INJ | OP | 43-037-30511 | | | |
| NAVAJO TRIBAL | 125 #1 | SAN JUAN | UT | SW | SW | 21-41S-25E | PROD | OP | 43-037-15541 | 14-20-603-700 | | 21-000700 |
| | 125 #2 | SAN JUAN | UT | NE | NW | 28-41S-25E | PROD | OP | 43-037-15542 | 14-20-603-700 | | 21-000700 |
| | 125 #4 | SAN JUAN | UT | SW | NW | 28-41S-25E | PROD | OP | 43-037-15543 | 14-20-603-700 | | 21-000700 |
| | 34-31 | SAN JUAN | UT | NE | NW | 34-41S-25E | PROD | SI | 43-037-30429 | 14-20-3002 | | 25-003002 |

BURR OIL & GAS, INC.
2901 EAST TWENTIETH STREET
P. O. DRAWER 50
FARMINGTON, NEW MEXICO 87401
(505) 325-1703

August 26, 1988

RECEIVED
SEP 6 1988

Utah Natural Resource
Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

DIVISION OF
OIL, GAS & MINING

Re: Rockwell Springs, Navajo 34 Well

34.415.05E

Att: Tammi Searing

Dear Tammi;

Effective July 1, 1988, Burr Oil & Gas, Inc. purchased Mobil Oil's interest in the above well. Please furnish Burr Oil & Gas, Inc. with a Utah Account Number in order for us to submit the Monthly Oil & Gas Production Reports and the Monthly Oil and Gas Disposition Reports.

Please contact our office should you have any questions or need additional information.

Yours truly,



Deanna Gosnell
Revenue Accounting

d

N0905

9-8-88

this as effected 4 wells
according to Duanna Cornell
I spoke w/ her 11:30 9-8-88
wells are as follows:

✓ 34-33 43-037-30430

✓ 34-40 43-037-30405

✓ 34-43 43-037-30471

✓ 34-31 43-037-30409

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPT
(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

RECEIVED
JAN 05 1990

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Burr Oil & Gas, Inc.

3. ADDRESS OF OPERATOR
P.O. Box 50, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface
Sec 34: NW/4NE/4

14. PERMIT NO.
43-037-30429

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

5. LEASE DESIGNATION AND SERIAL NO.
NOO-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.
34-31

10. FIELD AND POOL, OR WILDCAT
Rockwell Springs

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

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"/> | 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 type="checkbox"/> | (Other) Annual Status Report <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.)*

Well Identity: 4303730429 06000 41S 25E 34
Well Status: Temporarily abandoned

| OIL AND GAS | |
|--------------|-------------------------------------|
| DRN | RJF |
| JR3 | CLH |
| DTS | SLS |
| 1-TAS | |
| 2- MICROFILM | <input checked="" type="checkbox"/> |
| 3- FILE | <input checked="" type="checkbox"/> |

NOTE: Annual Status Report submitted on BLM Sundry form as we have no Utah Form 9 forms on file. Please forward a supply of Utah Form 9's to our office.

18. I hereby certify that the foregoing is true and correct
SIGNED Deanna Gosnell TITLE Revenue Accounting DATE 01/02/90

(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

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

RECEIVED

DEC 19 1991

DIVISION OF
OIL GAS & MINING

December 6, 1991

TO: Utah Oil and Gas Well Operators

FROM: Don Staley^{MS} Administrative Supervisor, Oil and Gas

RE: Annual Status Report of Shut-in, Temporarily-abandoned, and Suspended-drilling Wells

This is a reminder that Utah Admin. R. 615-8-10 states that well operators shall submit annual status reports for (1) all drilling wells on which drilling operations have been suspended for more than 30 consecutive days as of December 31 and (2) for all wells that have been shut in or temporarily abandoned for more than 30 consecutive days as of December 31.

Please submit a brief status report for each well using Form 9, Sundry Notices and Reports on Wells (attached). Each report should include the complete well identification, the words "Annual Status Report", the well's status, a brief explanation of why the well is shut in, temporarily abandoned, or suspended, and a brief summary of any future plans for the well. All annual status reports should be submitted no later than February 15, 1992.

If you have questions regarding this matter, please feel free to call.

ldc
Attachment
WOI32

Please see attached copy

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FOR INFORMATION OF THE OPERATOR
(Other instructions on reverse side)

N00-C-11-17-3002

UNIT OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS RECEIVED

(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.)

NOV 31 1991

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo Tribal

9. WELL NO.

34-31

10. FIELD AND POOL, OR WILDCAT

Greater Aneth

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

Sec. 34-T41S-R25E

12. COUNTY OR PARISH 13. STATE

San Juan

Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

BURR OIL & GAS, INC.

3. ADDRESS OF OPERATOR

P.O. Box 50, Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations concerning well locations. See also space 17 below.)
At surface

4420; FSL, 1890' FEL Sec. 34

14. PERMIT NO.

43-037-30429

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

4536' KB

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) Temporary Abandonment

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANE

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

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

This well will not produce commercial quantities of oil or gas.

We wish to keep the well on Temporary Abandonment Status until the drilling activity is completed. The well can be used for Salt Water Disposal.

5½" casing set @ 5488'. PBD 5458'. Top cement 5120'.

Desert Creek perms @ 5375-78'; 5396-5404'; 5407-11'; 5415-20'; 1 jet shot/ft.

Ismay perms @ 5275-78'; 5287-91'; 5293-97'; 5306-18'; 1 jet shot/ft.

We propose to set a Bridge plug at 5365' and cap with 35' of cement by dump bailer.

We propose to set a Bridge plug at 5250' and cap with 35' of cement by dump bailer.

We will load hole with conditioned non-corrosive fluid, pressure test to 1000 psf and shut well in.

THIS APPROVAL EXPIRES DEC 01 1992

RECEIVED
 9 NOV 12 AM 8:33
 FARMINGTON RESOURCE AREA
 FARMINGTON, NEW MEXICO

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

SIGNED

Jim Hicks

TITLE Agent

DATE 11/8/91

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

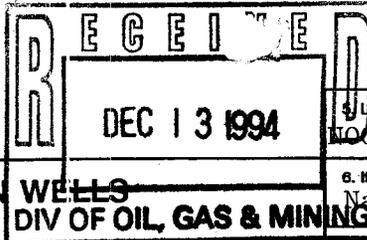
NOV 19 1991

AREA MANAGER
FARMINGTON RESOURCE AREA

*See Instructions on Reverse Side

OPERATOR

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING



4. Lease Designation and Serial Number:

NOO-C-14-20-3002

SUNDRY NOTICES AND REPORTS ON WELLS

6. If Indian, Allottee or Tribe Name:

Navajo Tribe

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

7. Unit Agreement Name:

1. Type of Well: OIL GAS OTHER:

8. Well Name and Number:

Navajo Tribal #34-31

2. Name of Operator:

BURR OIL & GAS, INC.

9. API Well Number:

43-037-30429

3. Address and Telephone Number:

P.O. Box 50, Farmington, NM 87499 505-327-4902

10. Field and Pool, or Wildcat:

Desert Creek/Ismay

4. Location of Well

4420' FSL & 1890' FEL

Footages:

Elevation 4524' GR

County: San Juan

QQ, Sec., T., R., M.:

NW/NE Sec. 34-T41S-R25E

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- Other _____
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandonment *
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other: Annual Status Report
- New Construction
- Pull or Alter Casing
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The current status of subject well is "temporary abandonment".

The following work was performed on subject well Dec. 19, 1991:

Set cast iron bridge plug @ 5365' & capped w/5 ft³ cement. Desert Creek perms 5375'-5420'.

Set cast iron bridge plug @ 5250' & capped w/5 ft³ cement. Ismay perms 5275-5318'. Filled 5 1/2" casing to surface w/corrosion inhibited fluid & pressure tested casing to 1000 psi for 30 min. w/no pressure bleed off.

All wellhead valves are bullplugged.

All surface equipment has been removed, except for wellhead, well sign & rig guyline anchors.

BURR OIL & GAS, INC. requests extension of Temporary Abandonment Status until 12/31/95

13.

Name & Signature:

Jim Hicks

Title: Agent, Burr Oil & Gas, Date: 12/8/94

(This space for State use only)

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

Rec'd 10/15/96

Burr Oil and Gas Inc.
Navajo Tribal #34-31 (DC)
4420' FSL, 1890' FEL, Sec. 34, T-41-S, R-25-E
San Juan County, UT
NOO-C-14-20-3002

January 5, 1996
Page 1 of 2

Plug & Abandonment Report

43-037-30429

Cementing Summary:

- Plug #1 with 20 sxs Class B cement inside casing from 5250' to 5073' over Ismay top.
- Plug #2 with 17 sxs Class B cement inside casing from 4402' to 4250' over Hermosa top.
- Plug #3 with retainer at 2329', spot 12 sxs Class B cement inside casing from 2329' to 2223' over DeChelly top.
- Plug #4 with retainer at 1276', mix 105 sxs Class B cement, squeeze 74 sxs cement outside 5-1/2" casing from 1336' to 1113' and leave 31 sxs cement inside casing over Chinle top and 8-5/8" casing shoe.
- Plug #5 from 158' with 55 sxs Class B cement inside 5-1/2" casing and 8-5/8" annulus, circulate 1/2 bbl good cement to surface.

Plugging Summary:

- 1-2-96 Safety Meeting. Drive rig and equipment to location. RU rig and equipment. Lay out relief lines to pit. ND wellhead. NU BOP and test. Check well pressure: 90# on casing, no tubing in well. Blow well down. PU and tally in hole with open ended 2-3/8" work tubing; tag CIBP at 5250'. Load casing with 56 bbls water and circulate clean. Pressure test casing to 500# for 5 min, held OK. Plug #1 with 20 sxs Class B cement inside casing from 5250' to 5073' over Ismay top. POH to 4402'. Shut in well. SDFD.
- 1-3-96 Safety Meeting. Load casing and establish circulation. Plug #2 with 17 sxs Class B cement inside casing from 4402' to 4250' over Hermosa top. POH with tubing. Repair tongs. RU A-Plus wireline truck. Round-trip 5-1/2" wireline gauge ring to 2450'. Perforate 3 HSC squeeze holes at 2404'. Load well with 4 bbls water. Establish rate into squeeze holes; very tight 1/16 bpm at 1200#. RIH with 5-1/2" wireline set retainer; set at 2329'. RIH with tubing and retainer stinger. Sting into retainer at 2329'. Attempt to establish rate into squeeze holes; pumped 1 bbl and casing pressured up to 1500#; unable to squeeze cement. M. Deaton, BLM, approved procedure change. Sting out of retainer. Plug #3 with retainer at 2329', spot 12 sxs Class B cement inside casing from 2329' to 2223' over DeChelly top. POH with tubing and LD stinger. M. Deaton, BLM, changed Chinle top from 1258' to 1285'; perforation changed from 1308' to 1336'. Perforate 3 HSC squeeze holes at 1336'. Load casing with 2 bbls water. Establish rate into squeeze holes; 2-1/2 bpm at 600#. Establish circulation out 8-5/8" intermediate casing. RIH with 5-1/2" wireline set retainer; set at 1276'. POH with wireline. Perforate 3 HSC squeeze holes at 158'. RIH with tubing and retainer stinger. Sting into retainer at 1276'. SI well. SDFD.

Burr Oil and Gas Inc.
Navajo Tribal #34-31 (DC)
4420' FSL, 1890' FEL, Sec. 34, T-41-S, R-25-E
San Juan County, UT
NOO-C-14-20-3002

January 5, 1996
Page 2 of 2

Plug & Abandonment Report

Plugging Summary Continued:

1-4-96 Safety Meeting. Open up well. With retainer at 1276', pumped down tubing and establish circulation out 8-5/8" casing with 3 bbls water. Plug #4 with retainer at 1276', mix 105 sxs Class B cement, squeeze 74 sxs cement outside 5-1/2" casing from 1336' to 1113' and leave 31 sxs cement inside casing over Chinle top and 8-5/8" casing shoe. POH and all I.D tubing. Pump down 5-1/2" casing and establish circulation out 8-5/8" casing with 1 bbl water. Plug #5 from 158' with 55 sxs Class B cement inside 5-1/2" casing and 8-5/8" annulus, circulate 1/2 bbl good cement to surface. Shut in well and WOC. Dig out wellhead. Open up well. ND BOP. Cut wellhead off. Mix 5 sxs Class B cement and install P&A marker. RD rig and equipment and move off location.
Marlin Deaton with BLM on location.

