



# CHUSKA ENERGY COMPANY

P.O. BOX 2118 • FARMINGTON, N.M. 87499 • PHONE: (505) 326-5595

*326-5595*

July 3, 1985

**RECEIVED**

**JUL 10 1985**

**DIVISION OF OIL  
GAS & MINING**

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

Attention: District Engineer

Re: Non-Standard Location, Chuska Energy Company,  
Navajo Tribal A # 22-34, 1660' FNL & 1950' FWL  
Section 34, T40S, R25E  
San Juan County, Utah

Gentlemen:

Chuska Energy Company requests an unorthodox location for the subject well based on archaeology and topography. An archaeological inspection of the standard locations available uncovered numerous artifacts. The topographic relief shown on the attached map would make a standard location very expensive to build.

Offset operators have been notified by certified mail of this request.

Sincerely,

A handwritten signature in cursive script that reads "John Alexander".

John Alexander

JA/ch

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK  
 DRILL       DEEPEN       PLUG BACK

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

2. NAME OF OPERATOR  
 CHUSKA ENERGY COMPANY

3. ADDRESS OF OPERATOR  
 P.O. BOX 2118 FARMINGTON, N.M. 87408

4. LOCATION OF WELL (Report location clearly and in accordance with any State Requirements)  
 At surface: 1660' FNL & 1950' FWL  
 At proposed prod. zone: SAME

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

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

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

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 4913' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 17 1/2       | 13 3/8         | 54.50           | 80            | SEE ATTACHED       |
| 12 1/4       | 8 5/8          | 24.0            | 1600          |                    |
| 7 7/8        | 5 1/2          | 15.50           | 5875          |                    |

SEE ATTACHED

APPROVED BY THE STATE  
 OF UTAH DIVISION OF  
 OIL, GAS, AND MINING  
 DATE: 7/16/85  
 BY: John R. [Signature]  
 WELL SPACING: C-3 (C)

5. LEASE DESIGNATION AND SERIAL NO.  
 NCG 8505-1087  
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 NAVAJO  
 7. UNIT AGREEMENT NAME  
 8. FARM OR LEASE NAME  
 NAVAJO TRIBAL A  
 9. WELL NO.  
 22-34  
 10. FIELD AND POOL, OR WILDCAT  
 GREATER ANETH  
 11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA  
 34-40S-25E  
 12. COUNTY OR PARISH  
 SAN JUAN  
 18. STATE  
 UTAH

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: John Alexander      TITLE: VICE PRESIDENT      DATE: 7/3/85  
 (This space for Federal or State office use)

PERMIT NO. 43-037-31171      APPROVAL DATE

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

COMPANY CHUSKA ENERGY COMPANY

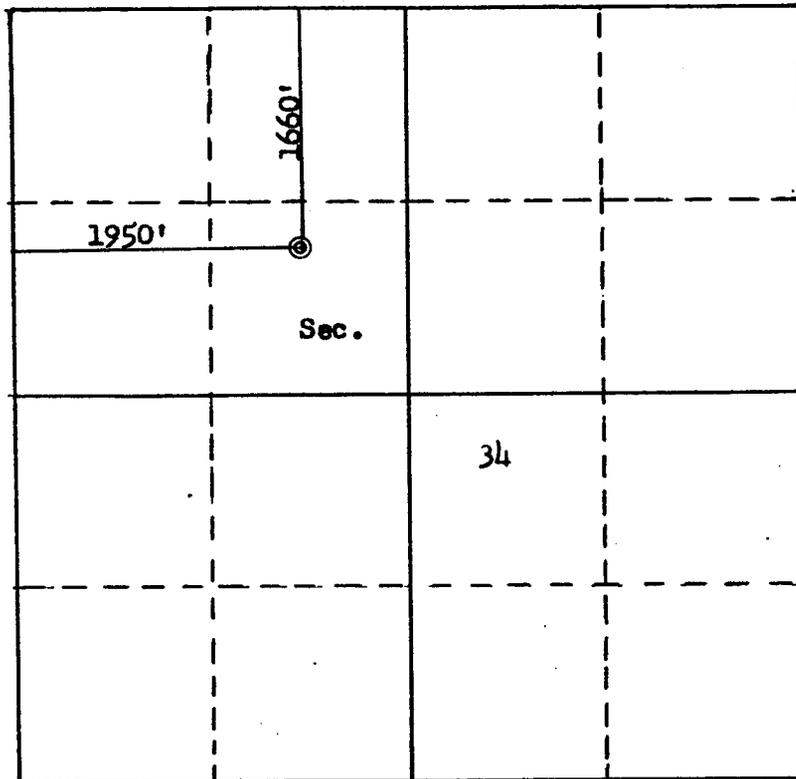
LEASE NAVAJO TRIBAL A WELL NO. 22-34

SEC. 34, T. 10S, R. 25E

San Juan County, Utah

LOCATION 1660' FNL 1950' FWL

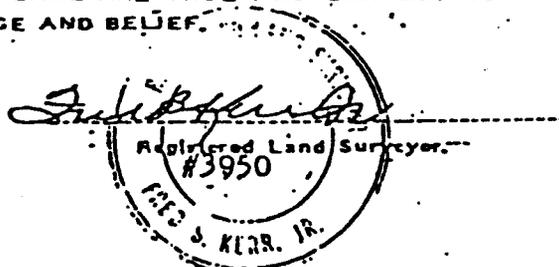
ELEVATION 4913 ungraded ground



SCALE—4 INCHES EQUALS 1 MILE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTE OF ACTUAL SURVEYS MADE BY ME UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SEAL:



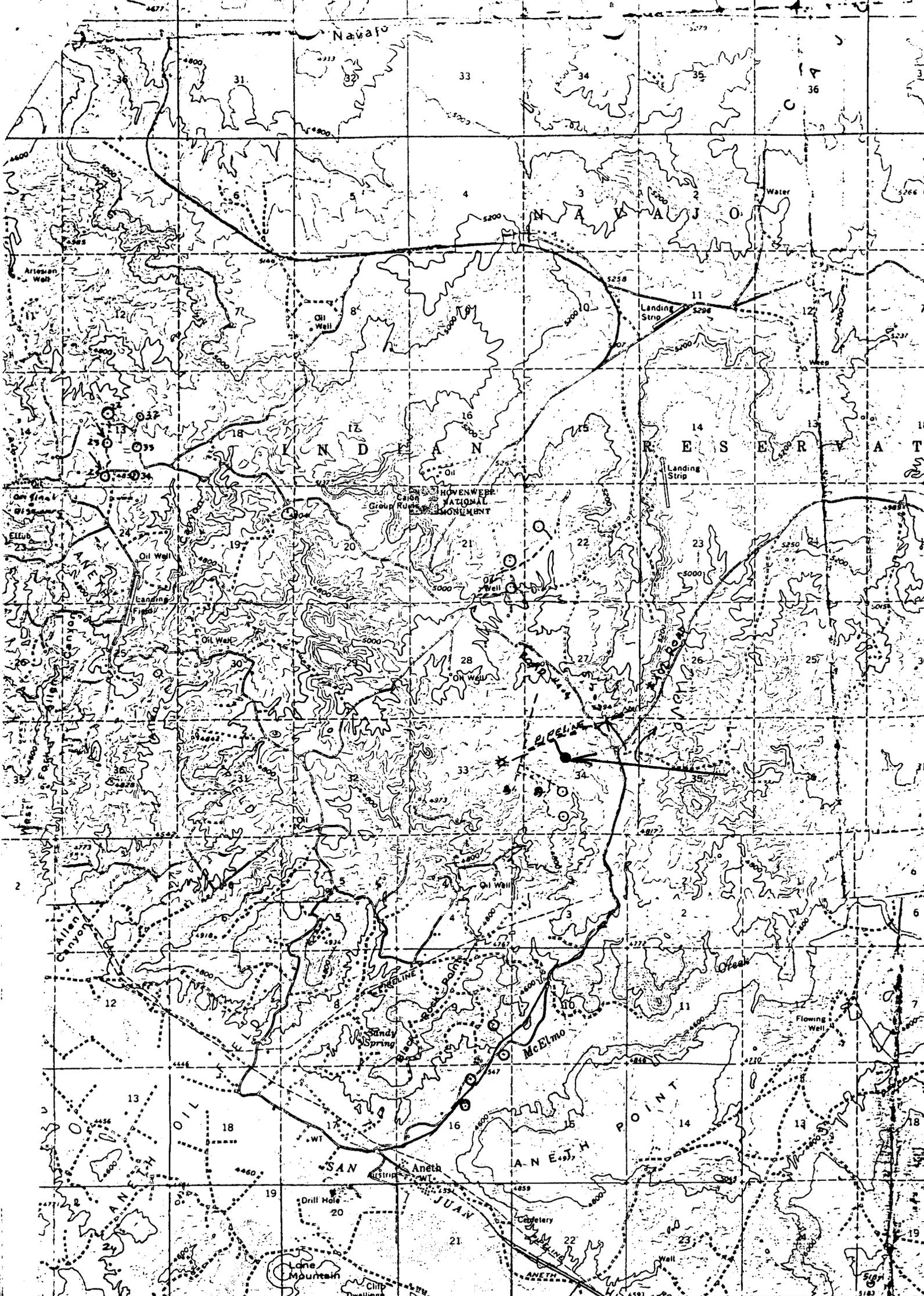
SURVEYED June 6, 1985

SECTION 34 TOWNSHIP 40S RANGE 25E COUNTY SAN JUAN STATE UTAH

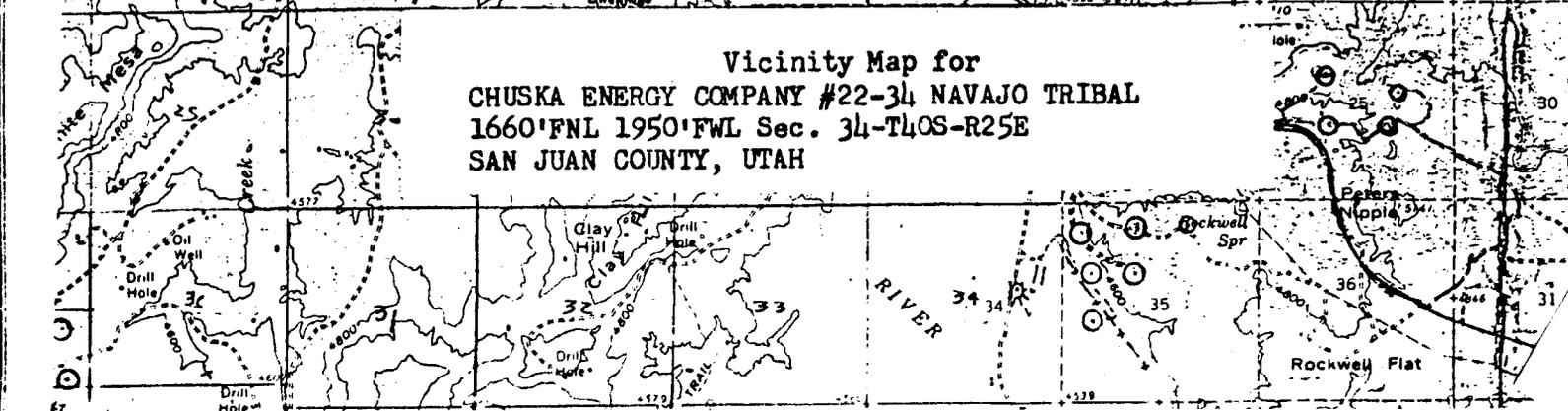
|                |                 |                |  |
|----------------|-----------------|----------------|--|
| MOBIL<br><br>○ | CHUSKA          | MOBIL          | RECEIVED<br><br>JUL 10 1983<br><br>DIVISION OF OIL<br>GAS & MINING |
| MOBIL          | CHUSKA<br><br>● | MOBIL<br><br>○ |  |
| MOBIL<br><br>○ | CHUSKA<br><br>⊕ | UNLEASED       |  |
|                |                 |                |  |

● SUBJECT WELL  
 ⊕ P & A  
 ○ ACTIVE WELL

OFFSET OPERATORS  
 CHUSKA ENERGY CO.  
 NAVAJO TRIBAL A 22-34



Vicinity Map for  
 CHUSKA ENERGY COMPANY #22-34 NAVAJO TRIBAL  
 1660'FNL 1950'FWL Sec. 34-T4OS-R25E  
 SAN JUAN COUNTY, UTAH



FORMATION INFORMATION AND  
DRILLING PRACTICES

CHUSKA ENERGY CO.  
Navajo Tribal A No. 22-34  
1660' FNE & 1950' FWL  
34-40S-25E  
San Juan Co., Utah

1. Surface Formation: Buff Sandstone

2. Estimated Formation Tops:

|              |       |
|--------------|-------|
| Chinle       | 1575' |
| Dechelly     | 2753' |
| Organ Rock   | 2878' |
| Hermosa      | 4639' |
| Upper Ismay  | 5547' |
| Lower Ismay  | 5642' |
| Desert Creek | 5732' |
| T.D.         | 5875' |

3. Estimated Depth of Anticipated Oil Gas Water or Minerals:

|     |       |
|-----|-------|
| Oil | 5642' |
| Oil | 5732' |

4. Proposed Casing Program:

Ø-80' 13 3/8", 54.5 lb/ft, ST & C J-55 new casing;  
cement with 12Ø cubic feet Class "B" + 2%  
CaCl<sub>2</sub> + 1/4 lb cellophane flakes per sack.

Ø-1600' 8 5/8", 24 lb/ft, ST & C K-55 new casing; cement  
with 8ØØ cubic feet 65-35 poz mix + 2% CaCl<sub>2</sub>.  
Cement will be brought to surface.

Ø-5875' T.D. 5 1/2", 15.5 lb/ft, ST & C, K-55 new casing;  
cement with 45Ø cubic feet 5Ø-5Ø poz mix  
+ 2% CaCl<sub>2</sub> + 1Ø% salt + Ø.8% fluid loss  
additive. Cement top at 4ØØØ'.

5. Pressure Control Equipment - Blow Out Preventor:

The attached schematic shows the type of blowout preventor to be used while drilling. The unit will be tested to 8ØØ psi prior to drilling from under surface pipe.

6. Drilling Fluids:

| <u>DEPTH</u> | <u>TYPE</u> | <u>VIS.</u> | <u>WEIGHT</u> | <u>FLUID USAGE</u> |
|--------------|-------------|-------------|---------------|--------------------|
| Ø-1600'      | Gel-lime    | 35-45       | 9.Ø           | Not controlled     |
| 16ØØ-4ØØØ'   | Gel-chem    | 35-45       | 9.5           | 15cc               |
| 4ØØØ-5875    | Low solids  | 45-5Ø       | 1Ø.Ø          | 9cc                |

7. Auxiliary Equipment:

- Bit float
- Stabbing valve to be used in drill pipe when kelly is not connected.

8. Logging - Coring - Testing Program:

Logging - Open Hole : IES, CNL, FDC  
Mud : 4000' to t.d.

Testing : possible in Lower Ismay and Desert Creek

Coring : None planned

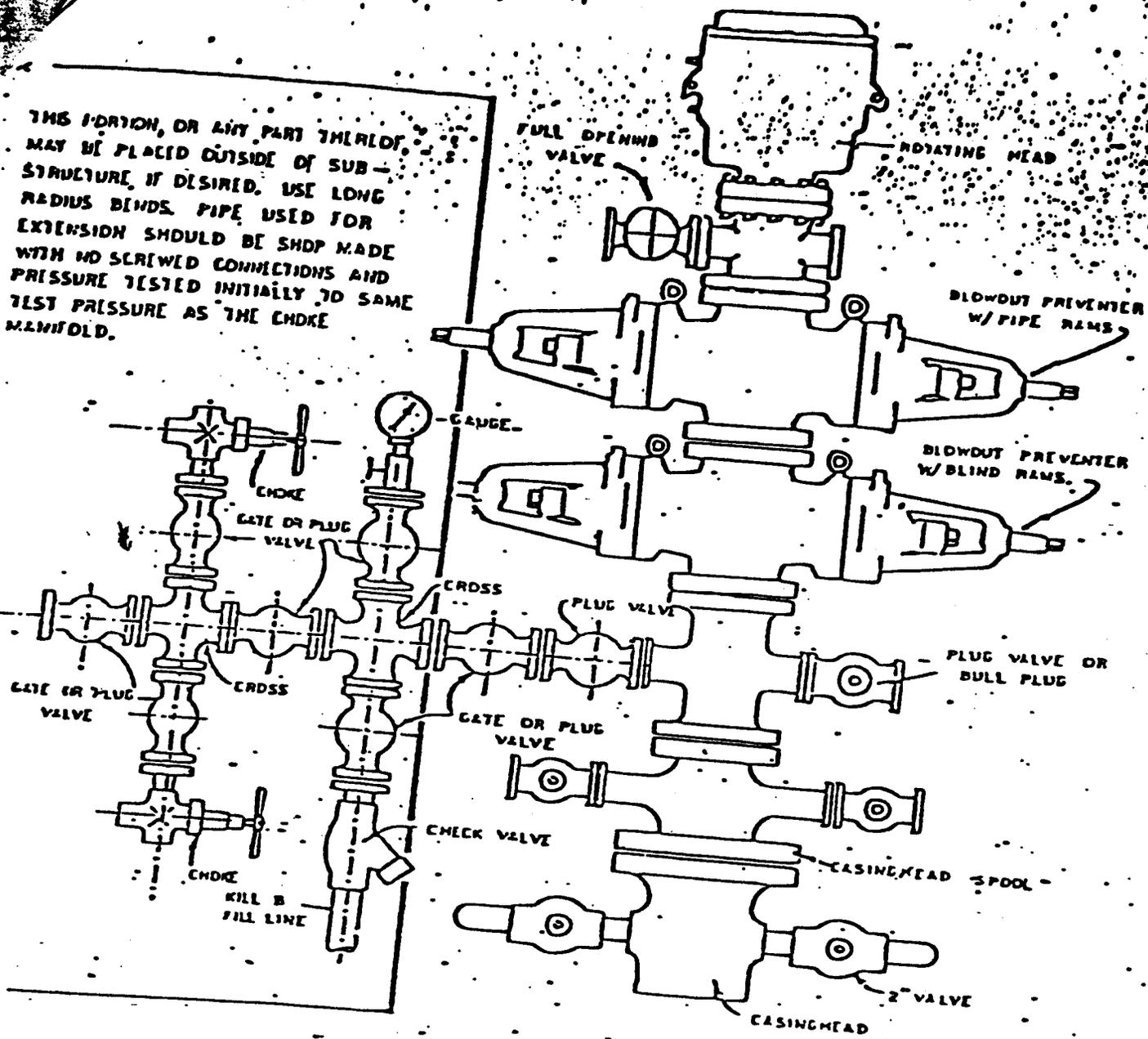
9. Abnormal Temperatures, Pressures, or Potential Hazards:

None Expected

10. Starting Date:

Anticipated starting date is August 30, 1985. Approximately 5 days will be required to build roads and location. Drilling will take about 15 days. Completion should be accomplished in 6 days.

THIS PORTION, OR ANY PART THEREOF, MAY BE PLACED OUTSIDE OF SUB-STRUCTURE, IF DESIRED. USE LONG RADIUS BENDS. PIPE USED FOR EXTENSION SHOULD BE SHOP MADE WITH NO SCREWED CONNECTIONS AND PRESSURE TESTED INITIALLY TO SAME TEST PRESSURE AS THE END OF MANIFOLD.



BLOWOUT PREVENTER HOOKUP

SURFACE USE PLAN

CHUSKA ENERGY CO.  
Navajo Tribal A No. 22-34  
1660' FNL & 1950' FWL  
34-40S-25E  
San Juan Co., Utah

1. Existing Roads (shown in green):

The attached topographic map shows all existing roads within one mile of the proposed location. The access road will join a secondary road leading to an existing county dirt road. The county and secondary road will bear normal drilling traffic and not have to be upgraded.

2. Planned Access Road (shown in red):

The new access road will run South from the existing secondary road approximately 400 feet to the well site. Maximum grade will be 10%. Water bars will be used to prevent erosion.

3. Location of Existing Wells:

All existing oil, gas water, drilling and disposal wells are shown on the attached topographic map.

4. Location of Tank Batteries, Prod. Facilities & Prod. Gathering & Service Lines:

All production facilities are to be contained within the proposed location site. The operation has no other facilities in the area. A 2 1/2" threaded and coupled, steel, 6000 psi test gas line will be layed in the new access road and will follow the existing road to a tie-in in NE/NW 34-40S-25E. This line will initially be layed on the surface and later buried.

5. Location and Type of Water Supply:

Water will be trucked from the San Juan River, 4 miles South of the location.

6. Source of Construction Materials:

Any gravel or other construction material that can not be obtained from the excess accumulated from building the location will be purchased from the Navajo Tribe.

7. Methods of Handling Waste Disposal:

All trash will be carried to a land fill or burned. All nonburnable materials (drilling fluids, cuttings, chemicals) will be stored in the reserve pit and then buried when they have dried. Any oil produced while drilling will be trucked from the location prior to leaving pit to dry out. Pits will be completely fenced during drying time, then backfilled with dirt prior to preparing the location for production or abandonment.

8. A portable chemical toilet will be supplied for human waste.

9. Ancillary Facilities - No ancillary facilities are planned.
10. Well Site Layout - The attached layout shows the drilling rig with all associated facilities. Cut and fill required is also indicated.
11. Plans for Restoration of Surface:

Restoration of the wellsite and access road will begin within 90 days of well completion, weather permitting, and if required by private land owner. Should well be abandoned, the drilling site will be reshaped to its approximate former contour. The access road will be plowed up and leveled. Both drillsite and road will have any topsoil replaced and will be reseeded when germination of seeds can take place. In either case, cleanup of the site will include burying of any safely burnable material, filling of all pits, carrying away of all nonburnable material and any chemicals that cannot be safely buried, and the hauling off of any oil that may have accumulated on the pits while drilling. A burn permit will be acquired if necessary.

12. This location is approximately 4 miles North of the San Juan River. It is located on flat ground and covered with native weeds and grasses. No artifacts were found on the site. There are no residences in the area.

13. John Alexander  
Chuska Energy Co.  
P.O. Box 2118  
Farmington, N.M. 87499  
Phone: 505/326-5525

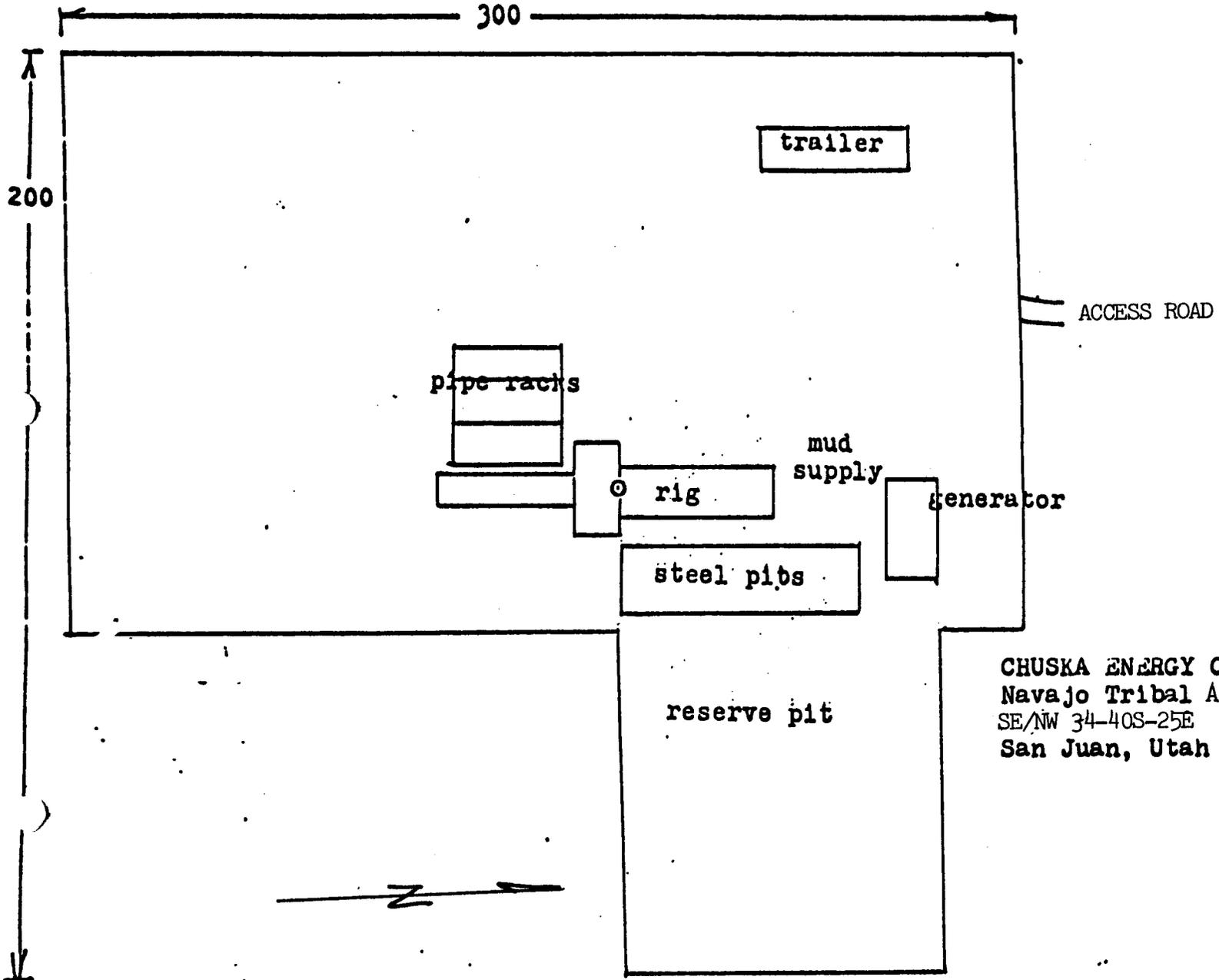
14. I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in the plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Chuska Energy Co. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.



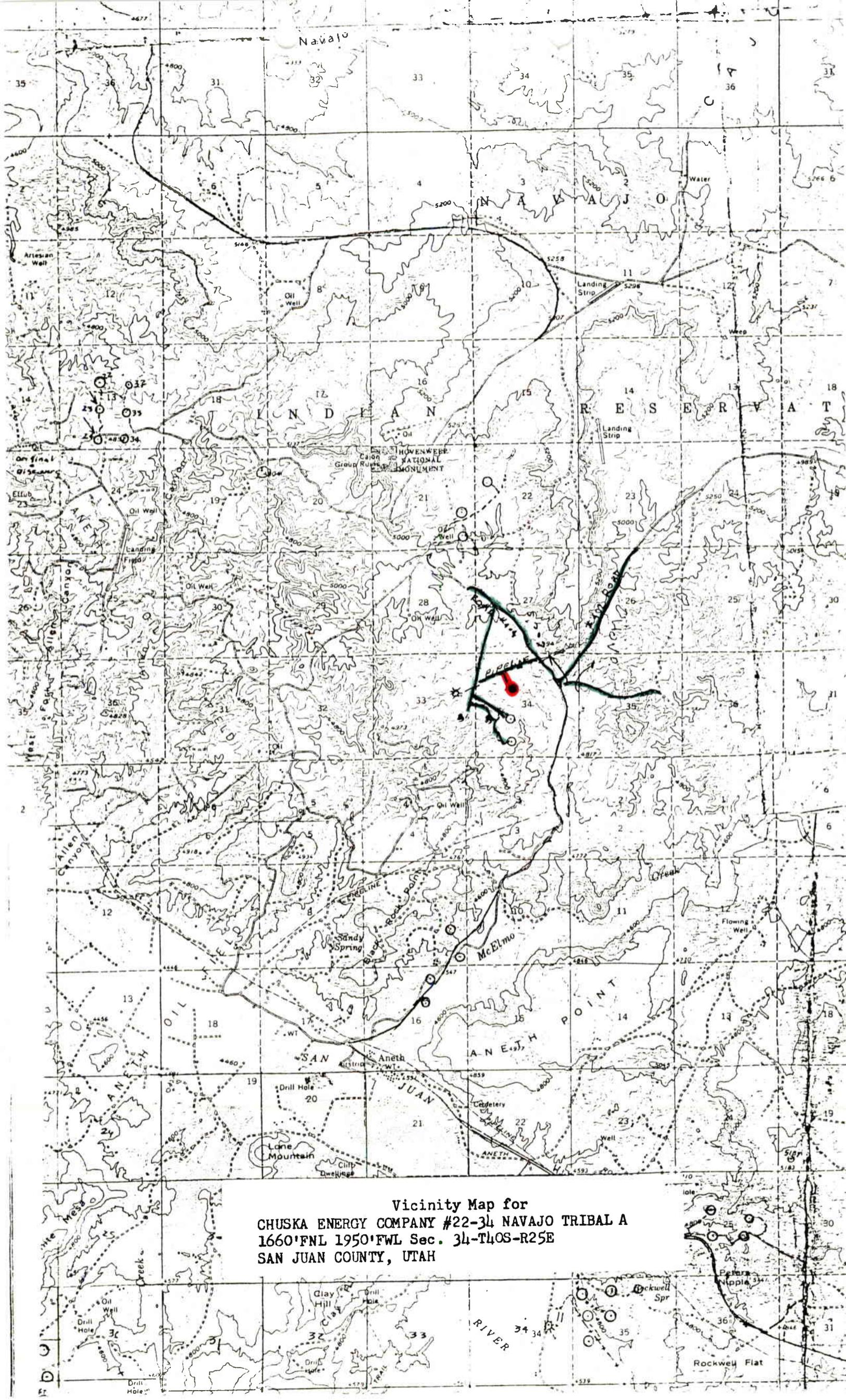
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JOHN ALEXANDER  
July 3, 1985

JA/ch



CHUSKA ENERGY CO.  
Navajo Tribal A  
SE/NW 34-40S-25E  
San Juan, Utah



Vicinity Map for  
CHUSKA ENERGY COMPANY #22-34 NAVAJO TRIBAL A  
1660'FNL 1950'FWL Sec. 34-T4OS-R25E  
SAN JUAN COUNTY, UTAH

OPERATOR Cheuka Energy Co. DATE 7-15-85

WELL NAME Navajo Unit "A" 22-34

SEC SE NW 34 T 40S R 25E COUNTY San Juan

43-037-31171

API NUMBER

Indian

TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

No other wells within 1000'  
Need water permit  
Exception loc. requested

APPROVAL LETTER:

SPACING:

A-3

UNIT

C-3-a

CAUSE NO. & DATE

C-3-b

C-3-c

STIPULATIONS:

1- Water



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

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

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

July 16, 1985

Chuska Energy Company  
P. O. Box 2118  
Farrington, New Mexico 87499

Gentlemen:

Re: Well No. Navajo Tribal "A" 22-34 - SE NW Sec. 34, T. 40S, R. 25E  
1660' FNL, 1950' FWL - San Juan County, Utah

Approval to drill the above-referenced oil well is hereby granted in accordance with Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

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

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

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

Page 2  
Chuska Energy Company  
Well No. Navajo Tribal "A" 22-34  
July 16, 1985

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

The API number assigned to this well is 43-037-31171.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

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



# CHUSKA ENERGY COMPANY

P.O. BOX 2118 • FARMINGTON, N.M. 87499 • PHONE: (505) 326-5525

030712

August 15, 1985

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

**RECEIVED**

**AUG 19 1985**

Attention: Ron Firth

Re: Transmittal of Water Permits

DIVISION OF OIL  
GAS & MINING

Gentlemen:

Attached are water permits for Chuska's Well Nos.:

Navajo Tribal A #22-34 ✓ 34-40S-25E

Navajo Tribal A #22-32 32-41S-24E

Navajo Tribal A #21-26 ✓ 26-41S-24E

All in San Juan County, Utah.

43-037-31171 Pow/ismy  
43-037-31173 wiw/BSCR  
43-037-31172 PA

Sincerely,

John Alexander

JA/ch



STATE OF UTAH  
NATURAL RESOURCES  
Water Rights

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Robert L. Morgan, State Engineer

1636 West North Temple • Suite 220 • Salt Lake City, UT 84116-3156 • 801-533-6071

July 19, 1985

Chuska Energy Company  
P.O. Box 2118  
Farmington, NM 87499

Dear Applicant:

RE: TEMPORARY APPLICATION  
NUMBER 09-1430 (T61064)

Enclosed is a copy of approved Temporary Application Number 09-1430 (T61064). This is your authority to construct your works and to divert the water for the uses described.

While this approved application does give you our permission to divert and use water, it does not grant easements through public or private lands in order to gain access to the source nor to convey the water to the place of use, nor does this approval eliminate the need for such other permits as may be required by this Division or any other agency in implementing your diversion.

This application will expire December 31, 1985, and it is expected that no diversion or use of the water will be done after that date unless another proposal has been made and approved.

Your contact with this office, should you need it is with the Area Engineer, Mark Page. The telephone number is (801)637-1303.

Yours truly,

A handwritten signature in cursive script, appearing to read "Robert L. Morgan".

Robert L. Morgan, P.E.  
State Engineer

RLM:slm

Encl.: Copy of approved Temporary Application



EXPLANATORY

The following additional facts are set forth in order to define more clearly the full purpose of the proposed application:

Applicant owns drilling rights at the proposed usage locations.

Wells included in this application are:

- Navajo Tribal A # 22-34 SE/NW 34-40S-25E
- Navajo Tribal A # 22-32 SE/NW 32-41S-24E
- Navajo Tribal A # 21-26 NE/NW 26-41S-24E

(Use page 4 if additional explanatory is needed.)

The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purpose herein described

John Alexander Signature of Applicant\*

\*If applicant is a corporation or other organization, signature must be the name of such corporation or organization by its proper officer, or in the name of the partnership by one of the partners, and the names of the other partners shall be listed. If a corporation or partnership, the affidavit below need not be filled in. If there is more than one applicant, a power of attorney, authorizing one to act for all, should accompany the Application.

DECLARATION OF CITIZENSHIP

STATE OF UTAH, County of..... } ss

On the ..... day of ....., 19....., personally appeared before me, a notary public for the State of Utah, the above applicant who, on oath, declared that he is a citizen of the United States, or has declared his intention to become such a citizen.

My commission expires:

(SEAL)

Notary Public

**FEES FOR APPLICATIONS TO APPROPRIATE WATER IN UTAH**

| Flow rate — c.f.s.     | Cost     |  |
|------------------------|----------|--|
| 0.0 to 0.1 .....       | \$ 15.00 |  |
| over 0.1 to 0.5 .....  | 30.00    |  |
| over 0.5 to 1.0 .....  | 45.00    |  |
| over 1.0 to 15.0 ..... | 45.00    | plus \$7.50 for each cfs above the first cubic |
| over 15.0 .....        | 150.00   | foot per second.                               |

| Storage — acre-feet    |        |   |
|------------------------|--------|---|
| 0 to 20 .....          | 22.50  |   |
| over 20 to 500 .....   | 45.00  |   |
| over 500 to 7500 ..... | 45.00  | plus \$7.50 for each 500 a.f. above the first |
| over 7500 .....        | 150.00 | 500 acre feet.                                |

(This section is not to be filled in by applicant)

**STATE ENGINEER'S ENDORSEMENTS**

**TEMPORARY**

1. 7/5/85 Application received ~~over counter~~ <sup>by mail</sup> in State Engineer's office by SG
2. Priority of Application brought down to, on account of .....
3. 2-8-85 Application fee, \$15.00, received by JJ Rec. No. 18456
4. Application microfilmed by ..... Roll No. ....
5. Indexed by ..... Platted by .....
6. Application examined by .....
7. Application returned, ..... or corrected by office .....
8. Corrected Application resubmitted <sup>by mail</sup> ~~over counter~~ to State Engineer's office.
9. Application approved for advertisement by .....
10. Notice to water users prepared by .....
11. Publication began; was completed .....
- Notice published in .....
12. Proof slips checked by .....
13. Application protested by .....
14. Publisher paid by M.E.V. No. ....
15. Hearing held by .....
16. Field examination by .....
17. 7/10/85 Application designated for ~~rejection~~ <sup>approval</sup> SG
18. 7/19/85 Application copied or photostated by slm proofread by .....
19. 7/19/85 Application ~~rejected~~ <sup>approved</sup>
20. Conditions:  
 This Application is approved, subject to prior rights, as follows:
  - a. Actual construction work shall be diligently prosecuted to completion.
  - b. Proof of Appropriation shall be submitted to the State Engineer's office by NPR
  - c. **TEMPORARY APPROVAL -- EXPIRES December 31, 1985.**
- .....  
 .....  
 .....  
 Robert L. Morgan, P.E. <sup>State Engineer</sup>
21. Time for making Proof of Appropriation extended to .....
22. Proof of Appropriation submitted.
23. Certificate of Appropriation, No. ...., issued

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

API #43-037-31171

NAME OF COMPANY: CHUSKA

WELL NAME: NAVAJO TRIBAL A #22-34

SECTION SE NW 34 TOWNSHIP 40S RANGE 25E COUNTY SAN JUAN

DRILLING CONTRACTOR COLEMAN

RIG # 2

SPUDDED: DATE 9-8-85

TIME 3:30 AM

HOW Rotary

DRILLING WILL COMMENCE \_\_\_\_\_

REPORTED BY John Alexander

TELEPHONE # 505-326-5525

DATE 9-9-85 SIGNED AS

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP. DATE  
(Other instructions on reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Chuska Energy Company

3. ADDRESS OF OPERATOR  
P.O. Box 2118, Farmington, New Mexico 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface  
1660' FNL & 1950' FWL

14. PERMIT NO. \_\_\_\_\_

15. ELEVATIONS (Show whether DF, RT, OR, etc.)  
4913 GR

5. LEASE DESIGNATION AND SERIAL NO.  
NOG 8505-1087

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NAVAJO

7. UNIT AGREEMENT NAME \_\_\_\_\_

8. FARM OR LEASE NAME  
NAVAJO TRIBAL A

9. WELL NO.  
22-34

10. FIELD AND POOL, OR WILDCAT  
ANETH

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
34 - 40S - 25E

12. COUNTY OR PARISH  
San Juan

13. STATE  
Utah

RECEIVED

SEP 23 1985

DIVISION OF OIL & GAS ADMINISTRATION

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

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

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

Spud 17 1/2" hole 0330 hours 9/8/85. Drilling Contractor for Coleman Rig #2. Ran 13 3/8" 54.5 lb./ft. casing to 102'. Cement with 150 cu. ft. Class "B", 3% Ca Cl2, 1/4 lb. Floccel/Sk. Cement top at surface. Job Complete 9/8/85.

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

SIGNED John Alexander  
JOHN ALEXANDER

TITLE Vice-President

DATE 9/19/85

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

\*See Instructions on Reverse Side

UN. STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP DATE  
(Other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

NOG 8505-1087

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NAVAJO

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

NAVAJO TRIBAL A

9. WELL NO.

22-34

10. FIELD AND POOL, OR WILDCAT

ANETH

11. SEC., T., E., M., OR BLK. AND SUBVY OR AREA

34 - 40S - 25E

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

Chuska Energy Company

3. ADDRESS OF OPERATOR

P. O. Box 2118, Farmington, New Mexico

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

1660' FNL & 1950' FWL

14. PERMIT NO.

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

4913 GR

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.)\*

Drilled 12 1/4" hole to 1571'. Ran 8 5/8" 24 lb. casing to 1571'. Cemented with 924. cu. ft. Class "B", 4% gel, 2% Ca Cl2, 1/2 lb. D-29/Sk followed by 267 cu. ft. Class "B", 2% Ca Cl2, 1/2 lb. D-29/Sk.  
Cement top at surface.  
Job Complete 9/9/85.

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

SIGNED *John Alexander*  
JOHN ALEXANDER

TITLE Vice-President

DATE September 19, 1985

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_ DATE \_\_\_\_\_

\*See Instructions on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP  
(Other instruction  
verse side)

FE  
re

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

5. LEASE DESIGNATION AND SERIAL NO.

NOG 8505-1087

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NAVAJO

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

NAVAJO TRIBAL A

9. WELL NO.

22-34

10. FIELD AND POOL, OR WILDCAT

ANETH

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

34 - 40S - 25E

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 purposes.)

RECEIVED

OCT 02 1985

DIVISION OF OIL  
GAS & MINING

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
CHUSKA ENERGY COMPANY

3. ADDRESS OF OPERATOR  
P. O. Box 2118, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface  
1660' FNL & 1950' FWL

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
4925' K.B.

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF  PULL OR ALTER CASING   
FRACTURE TREAT  MULTIPLE COMPLETE   
SHOOT OR ACIDIZE  ABANDON\*   
REPAIR WELL  CHANGE PLANS   
(Other)

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.)\*

Drilled 7 7/8" hole to 5929' t.d. on 9/21/85. Ran open hole logs DIL, CNL-FDC. Conducted Drill Stem test of Desert Creek 5839'-5867' and Lower Ismay 5700'-5720'. Ran 5 1/2" 15.50 lb./ft. casing to 5927'. Cemented with 456 cu. ft. Class "H" with 10% salt, 10 lb. Calseal/Sk and 0.6% Halao-9. Good circulation throughout job with plug down at 0430 hrs. 9/24/85. Temperature survey run 9/24/85 showed top of cement at 4625' with t.d. of 5870'.

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

SIGNED

*John Alexander*  
JOHN ALEXANDER

TITLE Vice-President

DATE 9/24/85

(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  
 4241 State Office Building  
 Salt Lake City, UT 84114

**RECEIVED**  
 OCT 02 1985  
 DIVISION OF OIL  
 GAS & MINING

\*REPORT OF WATER ENCOUNTERED DURING DRILLING\*

Well Name & Number NAVAJO TRIBAL A #22-34

Operator CHUSKA ENERGY COMPANY Address P.O. BOX 2118, Farmington, NM 87499

Contractor Coleman Drilling, Rig #2 Address Drawer 3337, Farmington, NM 87499

Location SE 1/4 NW 1/4 Sec. 34 T. 40S R. 25E County SAN JUAN

Water Sands

|    | <u>Depth</u> |    | <u>Volume</u>     | <u>Quality</u> |
|----|--------------|----|-------------------|----------------|
|    | From         | To | Flow Rate or Head | Fresh or Salty |
| 1. | NONE         |    |                   |                |
| 2. |              |    |                   |                |
| 3. |              |    |                   |                |
| 4. |              |    |                   |                |
| 5. |              |    |                   |                |

(Continue on reverse side if necessary)

|                       |             |       |              |       |
|-----------------------|-------------|-------|--------------|-------|
| <u>Formation Tops</u> | Chinle      | 1648' | Gothic Shale | 5747' |
|                       | DeChelly    | 2810' | Desert Creek | 5790' |
| <u>Remarks</u>        | Organ Rock  | 2930' |              |       |
|                       | Hermosa     | 4700' |              |       |
|                       | Upper Ismay | 5602' |              |       |
|                       | Lower Ismay | 5698' |              |       |

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

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.  
NOG 8505-1087

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NAVAJO

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
NAVAJO TRIBAL "A"

9. WELL NO.  
22-34

10. FIELD AND POOL, OR WILDCAT  
ANETH

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
34-40S-25E

12. COUNTY OR PARISH  
SAN JUAN

13. STATE  
UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED  
OCT 15 1985  
DIVISION OF OIL  
87499  
GAS & MINING

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
CHUSKA ENERGY COMPANY

3. ADDRESS OF OPERATOR  
P. O. BOX 2118, FARMINGTON, NEW MEXICO

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface  
1660' FNL & 1950' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
4925 K.B.

18. 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 checked="" type="checkbox"/>   | ABANDONMENT* <input type="checkbox"/>    |
| REPAIR WELL <input type="checkbox"/>         | CHANGE PLANS <input type="checkbox"/>         | (Other) _____   |  |
| (Other) _____                                |   | (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) |  |

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

Perforated Desert Creek 5829'-29 and 5838'-65' with 2 shots/ft. Acidize zone with 4000 gal. 28% FE-HCL acid. Swab test zone at 40 b.o.p.d. and 40 b.w.p.d. Set bridge plug at 5797'. Perforate Lower Ismay interval at 5699'-5716' with 2 shots/ft. Acidize zone with 3400 gal. 28% FE-HCL acid. Swab test interval at 45 b.o.p.d. and 444 b.w.p.d. Retrieve plug. Ran REDA pump. Job Complete 10/08/85.

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

SIGNED John Alexander TITLE Vice-President DATE October 11, 1985  
JOHN ALEXANDER

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

Chuska Energy Company  
Navajo Tribal "A" No. 22-34  
SE NW 34-40S-25E  
San Juan County, Utah

CEMENT INFORMATION

|          |                   |  |
|----------|-------------------|--|
| 13' 3/8" | 54.50 lb. @ 102'  | 150 cu. ft. Class "B", 3% CaCL <sub>2</sub> ,<br>1/4 lb. Flocele. Cement to surface.   |
| 8' 5/8"  | 24. lb. @ 1571'   | 924 cu. ft. Class "B", 4% gel, 2%<br>CaCL <sub>2</sub> , 1/2 lb. Flocele followed by<br>267 cu. ft. Class "B", 2% CaCL <sub>2</sub> , 1/2<br>lb. Flocele. Cement to surface. |
| 5' 1/2"  | 15.50 lb. @ 5927' | 456 cu. ft. Class "H" 10% salt, 10<br>lb. CAL-Seal/Sk., 0.6% Halad - 9.<br>Cement top at 4625' by temperature<br>survey.   |

RECEIVED

OCT 15 1985

DIVISION OF OIL  
GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

6

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  
CHUSKA ENERGY COMPANY

3. ADDRESS OF OPERATOR  
P. O. BOX 2118, FARMINGTON, NEW MEXICO 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations)  
At surface 1660' FNL and 1950' FWL **SENW**

At top prod. interval reported below  
SAME

At total depth  
SAME

14. PERMIT NO. 43-037-31171 | DATE ISSUED 7-16-85

RECEIVED  
OCT 15 1985  
DIVISION OF OIL  
GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.

NOG-8505-1087

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NAVAJO

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

NAVAJO TRIBAL "A"

9. WELL NO.

22-34

10. FIELD AND POOL, OR WILDCAT

Greater ANETH

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

34-40S-25E

12. COUNTY OR PARISH

SAN JUAN

13. STATE

UTAH

15. DATE SPUDDED 9/8/85 | 16. DATE T.D. REACHED 9/21/85 | 17. DATE COMPL. (Ready to prod.) 10/8/85 | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 4925' K.B. | 19. ELEV. CASINGHEAD 4914'

20. TOTAL DEPTH, MD & TVD 5929' | 21. PLUG. BACK T.D., MD & TVD 5874' | 22. IF MULTIPLE COMPL., HOW MANY\* 2 | 23. INTERVALS DRILLED BY → | ROTARY TOOLS 10-5929 | CABLE TOOLS 0

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
5699'-5716' Lower Ismay | 25. WAS DIRECTIONAL SURVEY MADE YES

26. TYPE ELECTRIC AND OTHER LOGS RUN  
DIL, CNL-FDC, GR, Caliper, CCL **AKL** | 27. WAS WELL CORED NO

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

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|------------------|---------------|
| 13' 3/8"    | 54.50           | 102'           | 17' 1/2"  | see attached     | none          |
| 8' 5/8"     | 24.00           | 1571'          | 12' 1/4"  | see attached     | none          |
| 5' 1/2"     | 15.50           | 5927'          | 7' 7/8"   | see attached     | none          |

29. LINER RECORD | 30. TUBING RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE  | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|-------|----------------|-----------------|
| N/A  |          |             |               |             | 2 7/8 | 5680           | none            |

31. PERFORATION RECORD (Interval, size and number) | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| INTERVAL (MD) | SIZE  | SHOTS/FT. | DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------|-------|-----------|---------------------|----------------------------------|
| 5699'-5716'   | 0.35" | 2         | 5699'-5716'         | 3400 gal. 28% FE-HCL Acid        |

33. PRODUCTION

| DATE FIRST PRODUCTION | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) | WELL STATUS (Producing or shut-in) |                         |          |            |                         |               |
|-----------------------|--|------------------------------------|-------------------------|----------|------------|-------------------------|---------------|
| 10/03/85              | Swab   | Shut-in                            |                         |          |            |                         |               |
| DATE OF TEST          | HOURS TESTED   | CHOKE SIZE                         | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF.   | WATER—BBL.              | GAS-OIL RATIO |
| 10/05/85              | 10   | N/A                                | →                       | 18.75    | 83.3       | 185                     | 2500          |
| FLOW. TUBING PRESS.   | CASING PRESSURE  | CALCULATED 24-HOUR RATE            | OIL—BBL.                | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) |               |
| N/A                   | N/A  | →                                  | 45                      | 200      | 444        | 41.0                    |               |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
To be sold | TEST WITNESSED BY John Alexander

35. LIST OF ATTACHMENTS  
Cement amounts

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

SIGNED John Alexander TITLE Vice-President DATE October 11, 1985

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

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, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | NAME         | TOP         |                  |
|-----------|-----|--------|-----------------------------|--------------|-------------|------------------|
|           |     |        |                             |              | MEAS. DEPTH | TRUE VERT. DEPTH |
|           |     |        |                             | Chinle       | 1648'       | 1648'            |
|           |     |        |                             | DeChelly     | 2810'       | 2810'            |
|           |     |        |                             | Organ Rock   | 2930'       | 2930'            |
|           |     |        |                             | Hermosa      | 4700'       | 4700'            |
|           |     |        |                             | Upper Ismay  | 5602'       | 5602'            |
|           |     |        |                             | Lower Ismay  | 5698'       | 5698'            |
|           |     |        |                             | Gothic Shale | 5747'       | 5747'            |
|           |     |        |                             | Desert Creek | 5790'       | 5790'            |

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

**SUBMIT IN TRIPI**  
(Other instructions  
reverse side)

FE-  
re-

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

5. LEASE DESIGNATION AND SERIAL NO  
NOG 8505-1087

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NAVAJO

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

NAVAJO TRIBAL "A"

9. WELL NO.

22-34

10. FIELD AND POOL, OR WILDCAT

ANETH

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

34 - 40S - 25E

14. PERMIT NO.

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

4925' K.B.

12. COUNTY OR PARISH

SAN JUAN

13. STATE

UTAH

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

**RECEIVED**

**NOV 18 1985**

87499  
**DIVISION OF OIL  
GAS & MINING**

1. OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
CHUSKA ENERGY COMPANY

3. ADDRESS OF OPERATOR  
P. O. BOX 2118, FARMINGTON, NEW MEXICO

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

1660' FNL & 1950' FWL

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) lay gas sales line

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) \_\_\_\_\_

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

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

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

Operator intends to lay a gas sales line from the subject well to El Paso Natural Gas line crossing Chuska's lease. Entire line will be on operators lease.

Line will be 2 7/8" steel, threaded and coupled pipe, layed on surface. Route will parallel access road as cleared in attached archaeological report.

El Paso Natural Gas will construct their metering facility in this line route.

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

SIGNED

*John Alexander*  
JOHN ALEXANDER

TITLE Vice-President

DATE 11/14/85

(This space for Federal or State office use)

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

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side





STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

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

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

February 14, 1986

Chuska Energy Company  
P.O. Box 2118  
Farmington, New Mexico 87499

Gentlemen:

Re: Navajo Tribal "A" 22-34 Well - Sec. 34, T. 40S, R. 25E  
San Juan County, Utah - API 43-037-31171

A review of our records indicates that a copy of the DST information of the Desert Creek and Lower Ismay formations of the referenced well, was not submitted with the October 11, 1985 completion report as required by Rule 312 of the Oil and Gas Conservation General Rules.

Please provide a copy of the test information at your earliest convenience, but not later than February 28 1986.

Respectfully,

A handwritten signature in black ink, appearing to read 'Norman C. Stout'.

Norman C. Stout  
Administrative Assistant

ts

cc: Dianne R. Nielson  
Ronaldo J. Firth  
John R. Baza  
File

0356/4



# CHUSKA ENERGY COMPANY

3315 BLOOMFIELD HIGHWAY • FARMINGTON, NEW MEXICO 87401 • PHONE: (505) 326-5525

P.O. BOX 780 • FARMINGTON, NEW MEXICO 87499

21 September, 1990

RECEIVED  
SEP 24 1990

DIVISION OF  
OIL, GAS & MINING

State of Utah Department of Natural Resources  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Building, Suite 350  
Salt Lake City, Utah 84180-1203

Ref: Sundry Notice: Plug and Abandon

Navajo Tribal A 22-34  
Navajo Tribal 14-25  
Navajo Tribal A 3323-24  
Navajo Tribal A 13-4

Gentlemen

Attached for your examination and approval are the originals and two copies of the subject Sundry Notices.

Please advise if you require additional information concerning these submissions.

Sincerely,

*Larry G. Sessions*  
Larry G. Sessions  
Operations Manager

LGS/csw  
File: C:\WP51\NTP&A\SUNCOVER

encl.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**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.)

SEP 24 1990

DIVISION OF OIL, GAS & MINING

|  |  |   |  |
|--|--|---|--|
| 1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>   |  | 5. LEASE DESIGNATION AND SERIAL NO.<br>NOG 8505-1087              |  |
| 2. NAME OF OPERATOR<br>Chuska Energy Company   |  | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME<br>Navajo Tribal             |  |
| 3. ADDRESS OF OPERATOR<br>P.O. Box 780, Farmington, New Mexico 87499   |  | 7. UNIT AGREEMENT NAME<br>Navajo Tribal A                         |  |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)<br>At surface 1660' FNL, 1950' FWL |  | 8. FARM OR LEASE NAME<br>Navajo Tribal A                          |  |
| At proposed prod. zone Same  |  | 9. WELL NO.<br>22-34  |  |
| 14. PERMIT NO.<br>43-037-31171   |  | 10. FIELD AND POOL, OR WILDCAT<br>Aneth                           |  |
| 15. ELEVATIONS (Show whether DF, RT, GR etc.)<br>4,913' GR   |  | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA<br>S34 T40S R25E |  |
|  |  | 12. COUNTY OR PARISH<br>San Juan                                  |  |
|  |  | 13. STATE<br>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 <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 checked="" type="checkbox"/> |
| REPAIR WELL <input type="checkbox"/>         | CHANGE PLANS <input type="checkbox"/>         | (Other) _____  | (Other) _____                                    |
| (Other) _____                                |   | (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log Form) |  |
| APPROX. DATE WORK WILL START _____           |   | DATE OF COMPLETION   | 5-23-90  |

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.)

\* Must be accompanied by a cement verification report.

Commenced plugging operations 5-21-90 with Navajo West Rig 533. Nippled up BOPE. Displaced hole with 9.3 ppg mud. Set cement retainer at 5,658'. Pumped **Plug #1** (50 sx Class 'G') below retainer. Set **Plug #2** (25 sx Class 'G') 4,750' - 4,535'. Perforated 2 shots at 2,930'. Unable to establish circulation. Set **Plug #3** (25 sx Class 'G') 2,930' - 2,673'. Perforated 2 shots at 1,700'. Unable to establish circulation. Set **Plug #4** (30 sx Class 'G') 1,716' - 1,457'. Filled casing with 200 sx 50:50 Pozmix cement from 1,457' to 100'. Perforated 2 shots at 100' and established circulation. Pumped **Surface Plug** (58 sx Class 'G') down casing and circulated to surface through 8 5/8" x 5 1/2" annulus. Cut off casing and installed plate and dry hole marker. Plugging operations completed 5-23-90. Subsequently rehabilitated location 6-7-90.

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

SIGNED Christopher S. Hill TITLE Petroleum Engineer DATE 21 September, 1990

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

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

**SUBMIT IN TRIPL**  
(Other instructions  
verse side)

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

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**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.)

OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR  
Chuska Energy Company

3. ADDRESS OF OPERATOR  
P. O. Box 2118, Farmington, New Mexico 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface  
1660' FNL & 1950' FWL

14. PERMIT NO. \_\_\_\_\_ 15. ELEVATIONS (Show whether DF, RT, OR, etc.) \_\_\_\_\_

5. LEASE DESIGNATION AND SERIAL NO.  
NOG 8505-1087

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
NAVAJO

7. UNIT AGREEMENT NAME  
NAVAJO TRIBAL A

8. FARM OR LEASE NAME  
NAVAJO TRIBAL A

9. WELL NO.  
22-34

10. FIELD AND POOL, OR WILDCAT  
ANETH

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
34-40S-25E

12. COUNTY OR PARISH 13. STATE  
San Juan 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) <u>Drill Stem Test</u> <input checked="" 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.)\*

During drilling of this well, operator ran the following drill stem tests:

Lower Ismay 5700'-5720'

1st flow 30 min. 97-332 psi  
1st closed-in 60 min. 2094 psi  
2nd flow 90 min. 370-715 psi  
2nd closed-in 180 min. 2081 psi

Recovery: 64' oil and gas cut mud  
1200' oil and gas  
600' water

Desert Creek 5839'-5867'

1st flow 15 min. 21-41 psi  
1st closed-in 30 min. 1823 psi  
2nd flow 60 min. 49-89 psi  
2nd closed-in 120 min. 2103 psi

Recovery: 120' gas and oil but mud

**RECEIVED**  
FEB 27 1986

DIVISION OF  
OIL, GAS & MINING

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

SIGNED John Alexander TITLE Vice-President DATE 2/25/86  
John Alexander

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

RECEIVED  
DEC 27 1994  
DIV OF OIL, GAS & MINING

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT --" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well  
 Oil Well       Gas Well       Other P & A'd 1990

2. Name of Operator  
 Chuska Energy Company aka Harken Southwest Corp.

3. Address and Telephone No.  
 P.O. Box 612007, Dallas, TX 75261 (214) 753-6900

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
 Sec. 34-40S-25E 1660' FNL & 1950' FWL

5. Lease Designation and Serial No.  
 NOG 8505-1087

6. If Indian, Allottee or Tribe Name  
 Navajo

7. If Unit or CA. Agreement Designation  
 N/A

8. Well Name and No.  
 Navajo Tribal A 22-34

9. API Well No.  
 47-037-31171

10. Field and Pool, or Exploratory Area  
 Aneth

11. County or Parish, State  
 San Juan, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION                                   | TYPE OF ACTION   |
|--|--|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment   |
| <input type="checkbox"/> Subsequent Report           | <input type="checkbox"/> Recompletion  |
| <input type="checkbox"/> Final Abandonment Notice    | <input type="checkbox"/> Plugging Back   |
|  | <input type="checkbox"/> Casing Repair   |
|  | <input type="checkbox"/> Altering Casing   |
|  | <input checked="" type="checkbox"/> Other <u>Reclamation</u> (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) |
|  | <input type="checkbox"/> Change of Plans   |
|  | <input type="checkbox"/> New Construction  |
|  | <input type="checkbox"/> Non-Routine Fracturing  |
|  | <input type="checkbox"/> Water Shut-Off  |
|  | <input type="checkbox"/> Conversion to Injection   |

13. Describe Proposed or Completed Operations (Clearly state all 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 electrical system, fence pole and pipe will be removed from the subject location the first quarter of 1995, weather permitting.

Upon removal a sundry notice will be submitted for final abandonment clearance.

CC: BIA - Gallup, New Mexico  
 State of Utah

I hereby certify that the foregoing is true and correct  
 Signed [Signature] Title Production Administrator Date 12/21/94

(This space for Federal or State office use)  
 Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.  
 \*See Instruction on Reverse Side

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS** MAY 18 1995

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

5. Lease Designation and Serial No.  
NOG 8505-1087

6. If Indian, Allottee or Tribe Name  
NAVAJO

7. If Unit or CA, Agreement Designation  
N/A

8. Well Name and No.  
NAVAJO TRIBAL A 22-34

9. API Well No.  
43-037-31171

10. Field and Pool, or Exploratory Area  
ANETH

11. County or Parish, State  
SAN JUAN, UTAH

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other P & A'd

2. Name of Operator  
CHUSKA ENERGY COMPANY AKA HARKEN SOUTHWEST CORPORATION

3. Address and Telephone No.  
P. O. BOX 612007, DALLAS, TEXAS 75261-2007      214/753-6900

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SEC. 34-40S-25E      1660' FNL & 1950' FWL

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION   | TYPE OF ACTION  |
|--|---|
| <input type="checkbox"/> Notice of Intent                    | <input type="checkbox"/> Abandonment                                |
| <input type="checkbox"/> Subsequent Report                   | <input type="checkbox"/> Recompletion                               |
| <input checked="" type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Plugging Back                              |
|  | <input type="checkbox"/> Casing Repair                              |
|  | <input type="checkbox"/> Altering Casing                            |
|  | <input checked="" type="checkbox"/> Other <u>RECLAMATION STATUS</u> |
|  | <input type="checkbox"/> Change of Plans                            |
|  | <input type="checkbox"/> New Construction                           |
|  | <input type="checkbox"/> Non-Routine Fracturing                     |
|  | <input type="checkbox"/> Water Shut-Off                             |
|  | <input type="checkbox"/> Conversion to Injection                    |
|  | <input type="checkbox"/> Dispose Water                              |

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

13. 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 BE ADVISED THAT UTAH POWER & LIGHT REMOVED THE ELECTRICAL SYSTEM ON APRIL 30, 1995. THE SUBJECT LOCATION IS READY FOR ABANDONMENT INSPECTION.

cc: STATE OF UTAH ✓  
BIA-GALLUP, NEW MEXICO

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

Signed *Montgomery* Title PRODUCTION ADMINISTRATOR Date MAY 9, 1995

(This space for Federal or State office use)

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

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MAR 20 1995  
DIV OF OIL, GAS & MINING

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.  
NOG 8505-1087

6. If Indian, Allottee or Tribe Name  
NAVAJO

7. If Unit or CA, Agreement Designation  
N/A

8. Well Name and No.  
NAVAJO TRIBAL A 22-34

9. API Well No.  
43-037-31171

10. Field and Pool, or Exploratory Area  
ANETH

11. Country or Parish, State  
SAN JUAN, UTAH

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other P & A'd

2. Name of Operator  
CHUSKA ENERGY COMPANY AKA HARKEN SOUTHWEST CORPORATION

3. Address and Telephone No.  
P. O. BOX 612007, DALLAS, TEXAS 75261-2007    (214) 753-6900

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SEC. 34-40S-25E    1660' FNL & 1950' FWL

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| TYPE OF SUBMISSION                                   | TYPE OF ACTION   |  |
|--|--|--|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Abandonment                         | <input type="checkbox"/> Change of Plans         |
| <input type="checkbox"/> Subsequent Report           | <input type="checkbox"/> Recompletion                        | <input type="checkbox"/> New Construction        |
| <input type="checkbox"/> Final Abandonment Notice    | <input type="checkbox"/> Plugging Back                       | <input type="checkbox"/> Non-Routine Fracturing  |
|  | <input type="checkbox"/> Casing Repair                       | <input type="checkbox"/> Water Shut-Off          |
|  | <input type="checkbox"/> Altering Casing                     | <input type="checkbox"/> Conversion to Injection |
|  | <input checked="" type="checkbox"/> Other RECLAMATION STATUS | <input type="checkbox"/> Dispose Water           |

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

13. 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.)\*

AS OF FEBRUARY, 1995 THE FENCE POLE AND PIPE HAVE BEEN REMOVED FROM THE SUBJECT LOCATION. THE ONLY REMAINING ITEM IS THE ELECTRICAL SYSTEM. UTAH POWER & LIGHT HAS BEEN CONTACTED THREE (3) TIMES, AS OF MARCH 6TH, TO REMOVE THE SYSTEM. UPON REMOVAL, A SUNDRY NOTICE WILL BE SUBMITTED FOR FINAL ABANDONMENT INSPECTION.

cc: STATE OF UTAH  
BIA-GALLUP, NEW MEXICO

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

Signed *Rachelle Montgomery* Title PRODUCTION ADMINISTRATOR Date MARCH 16, 1995

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.