

STATE

SUBMIT IN TRIPLICATE*
(Other loss returns on reverse side)

Form approved.
Budget Bureau No 42-R1425

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a TITLE 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 Co.

3 ADDRESS OF OPERATOR
 c/o 3E Company, Inc, Box 190, Farmington, NM 87401

4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements*)
 At surface: 600' FSL & 500' FEL
 At proposed prod zone: same SESE ✓

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

16 NO OF ACRES IN LEASE
 5120

17 NO OF ACRES ASSIGNED TO THIS WELL
 40 ✓

18 DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING COMPLETED OR APPLIED FOR, ON THIS LEASE, FT
 5600 DESERT CREEK

20 ROTARY OR CABLE TOOLS
 Rotary

21 ELEVATIONS (Show whether DF, RT, GR etc)
 4497 GR

22 APPROX DATE WORK WILL START*
 March 25, 1984

1 BUREAU DENOMINATION AND SERIAL NO
 NOG-8308-1033

6 IF INDIAN, ALLOTTEE OR TRIBE NAME
 Navajo

7 UNIT ASSIGNMENT NAME
 Navajo Tribal

8 FARM OR LEASE NAME
 Navajo Tribal

9 WELL NO.
 44-6

10 FIELD AND POOL, OR WILDCAT
 ✓ Aneth

11 SEC, T, R, M, OR BLK AND SURVEY OR AREA
 Sec 6, 41S, 24E

12 COUNTY OR PARISH
 San Juan

13 STATE
 Utah

22 APPROX DATE WORK WILL START*
 March 25, 1984

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17	13 3/8	54.5	100	see attached cement information
12 1/4	8 5/8	24	1300	
7 7/8	5 1/2	15.5	5600 ✓	

SEE ATTACHED

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

DATE: _____
BY: _____

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 prevention program if any.

24 SIGNED: John Alexander TITLE: Agent DATE: 2/17/84

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY

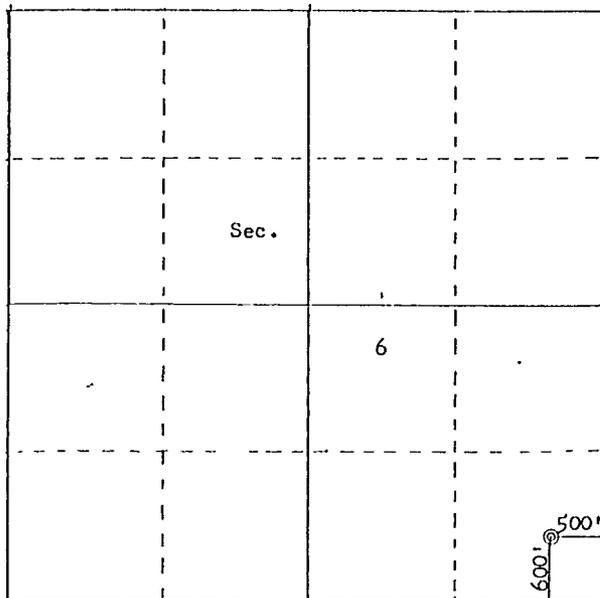
COMPANY CHUSKA ENERGY COMPANY

LEASE NAVAJO TRIBAL WELL NO. 44-6

SEC 6, T 41S, R 24E
San Juan County, Utah

LOCATION 600' FSL, 500' FEL

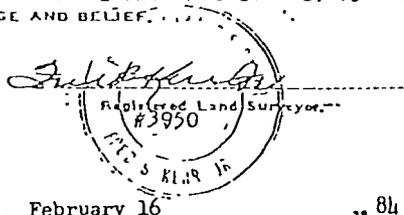
ELEVATION 4505 ungraded ground



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 February 16, 1984

FORMATION INFORMATION AND
DRILLING PRACTICS

CHUSKA ENERGY CO.
Navajo Tribal No. 44-6
600' FSL & 500' FEL
Sec 6, 41S, 24E
San Juan Co., Utah

1. Surface Fromation: Bluff Sandstone

2. Estimated Formation Tops:

Navajo	475'	Organ Rock	2165'
Keyenta	800'		
Windgate	900'	Hermosa	4140'
Chinle	1320'	Upper Ismay	5000'
Shinarump	2000'	Lower Ismay	5120' ✓
Muenkopi	2100'	Desert Creek	5230' ✓
Dechelly	2045'	T.D.	5400'

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

Oil	5420'
Oil	5530'

4. Proposed Casing Program:

- 0-100' 13 3/8", 54.5 lb/ft, ST & C J-55 new casing; cement with 120 cubic feet Class "B" + 2% CaCl₂ + 1/4 lb celophane flakes per sack.
- 0-1300' 8 5/8", 24 lb/ft, ST & C, K-55 new casing; cement with 800 cubic feet 65-35 poz mix + 2% CaCl₂. Cement will be brought to surface.
- 0-5400'T.D. 5 1/2", 15.5 lb/ft, ST & C, K-55 new casing; cement with 450 cubic feet 50-50 poz mix + 2% CaCl₂ + 10% salt + 0.8% fluid loss additive. Cement top at 4000'.

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 800 psi prior to drilling from under surface pipe.

6. Drilling Fluids:

DEPTH	TYPE	VIS.	WEIGHT	FLUID LOSS
0-1300'	Gel-lime	35-45	9.0	Not controlled
1300-4000'	Gel-chem	35-45	9.5	15cc
4000-5400'	Low solids	45-50	10.0	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

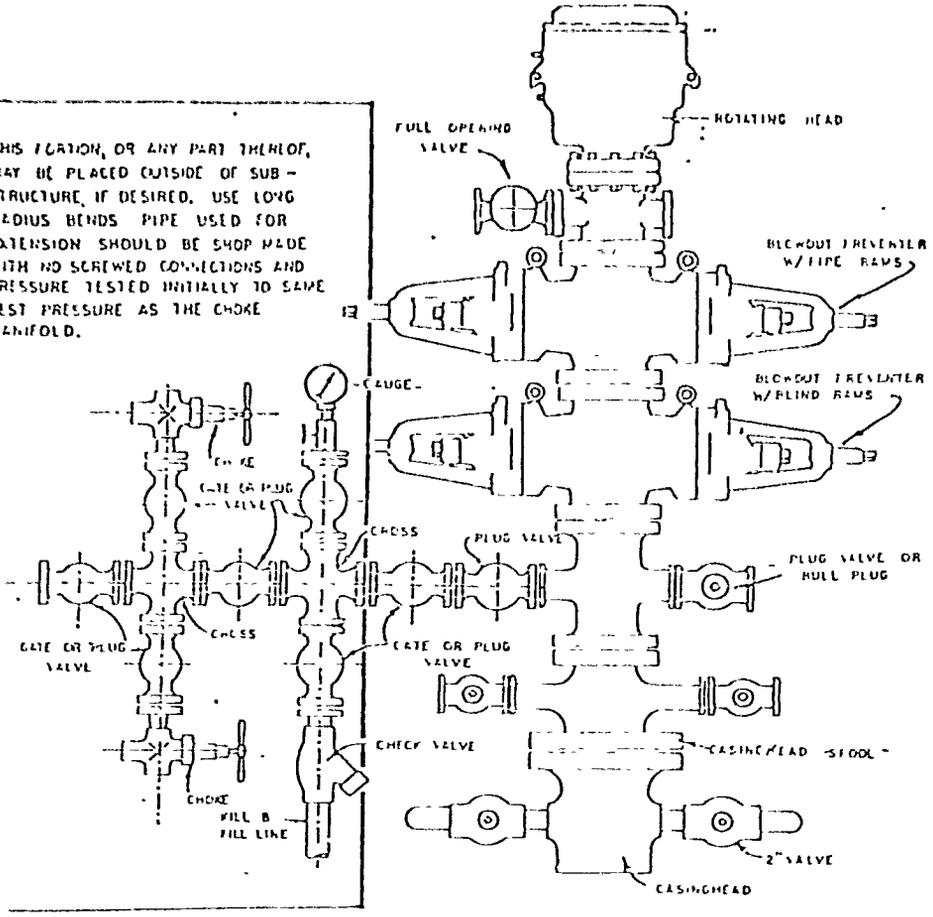
9. Abnormal Temperatures, Pressures or Potential Hazards:

None Expected

10. Starting Date:

Anticipated starting date is March 25, 1984. 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 LOCATION, 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 CHOKE MANIFOLD.



BLOWOUT PREVENTER HOOKUP

SURFACE USE PLAN

CHUSKA ENERGY CO.
Navajo Tribal No. 44-6
600' FSL & 500' FEL
Sec 6, 41S, 24E
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 paved county road.

2. Planned Access Road (shown in red)

The new access road will run east from the existing secondary road approximately 300' 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.

5. Location and Type of Water Supply

✓ Water will be trucked from the San Juan River, 1 mile north 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 burning 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.

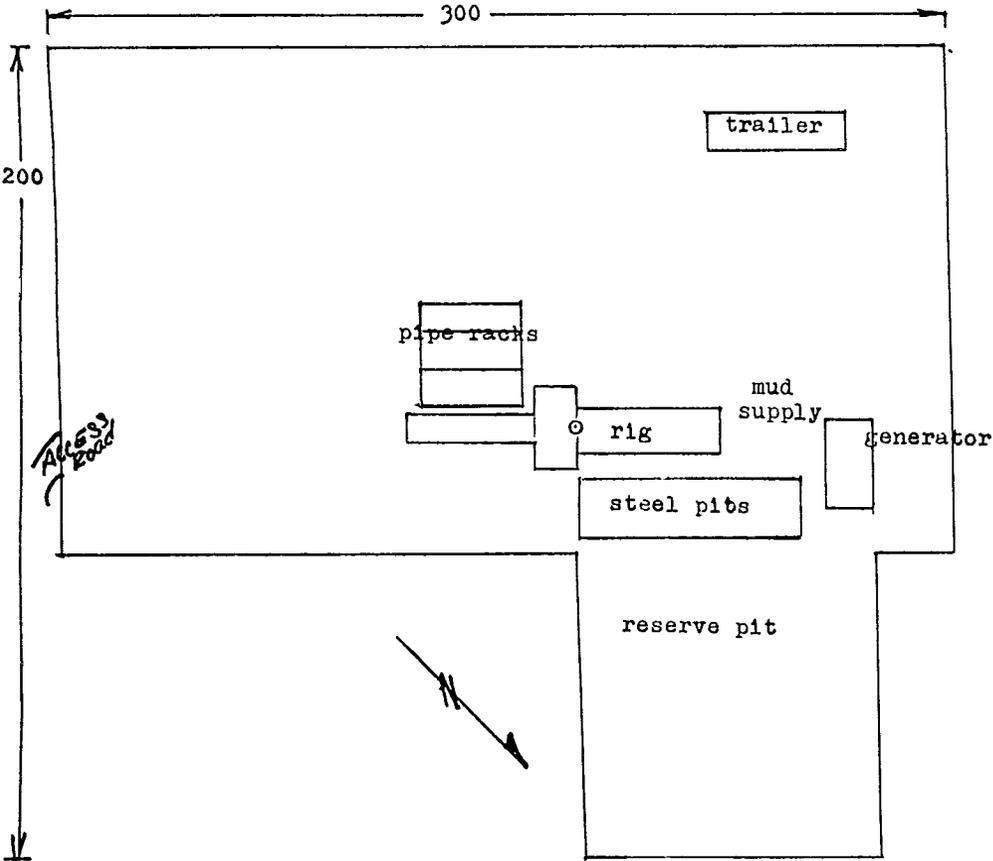
12. The proposed site is at the base of a large Mesa approximately 1 mile south of the San Juan River at Montezuma Creek, Utah. It is in a small pocket that is covered with native weeds and grasses. There are no residences in the immediate area.
13. John Alexander
3E Company, Inc.
P.O. Box 190
Farmington, NM 87499
Phone: 505-326-1135

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.



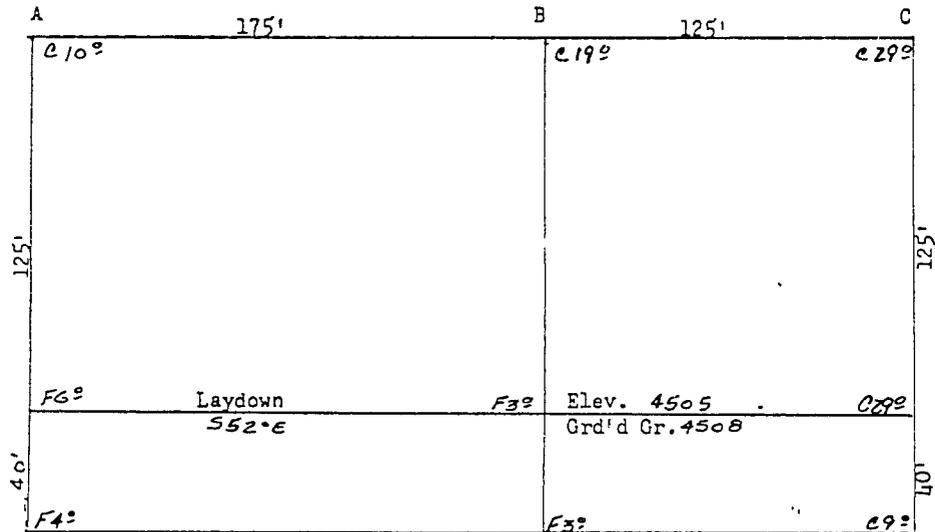
JOHN ALEXANDER
February 22, 1984

JA:kj

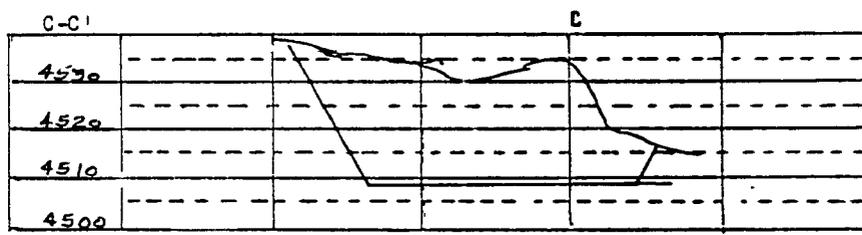
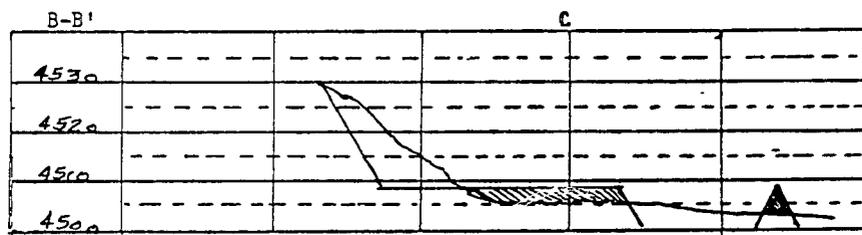
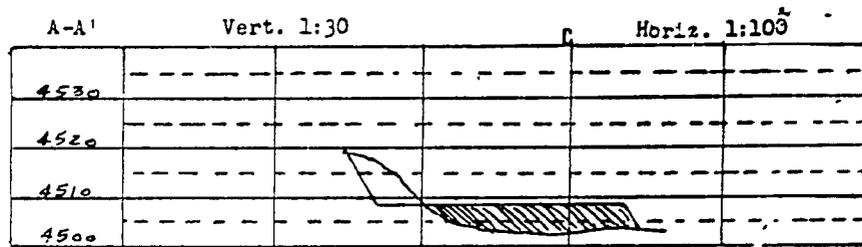
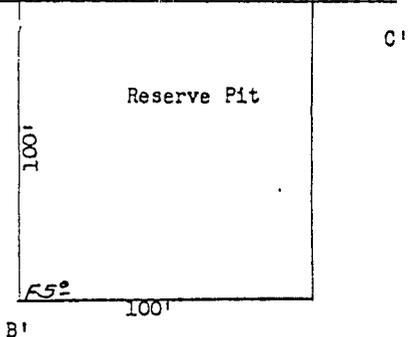
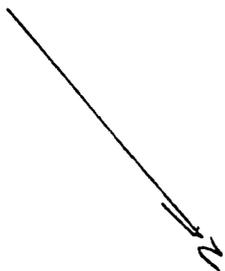


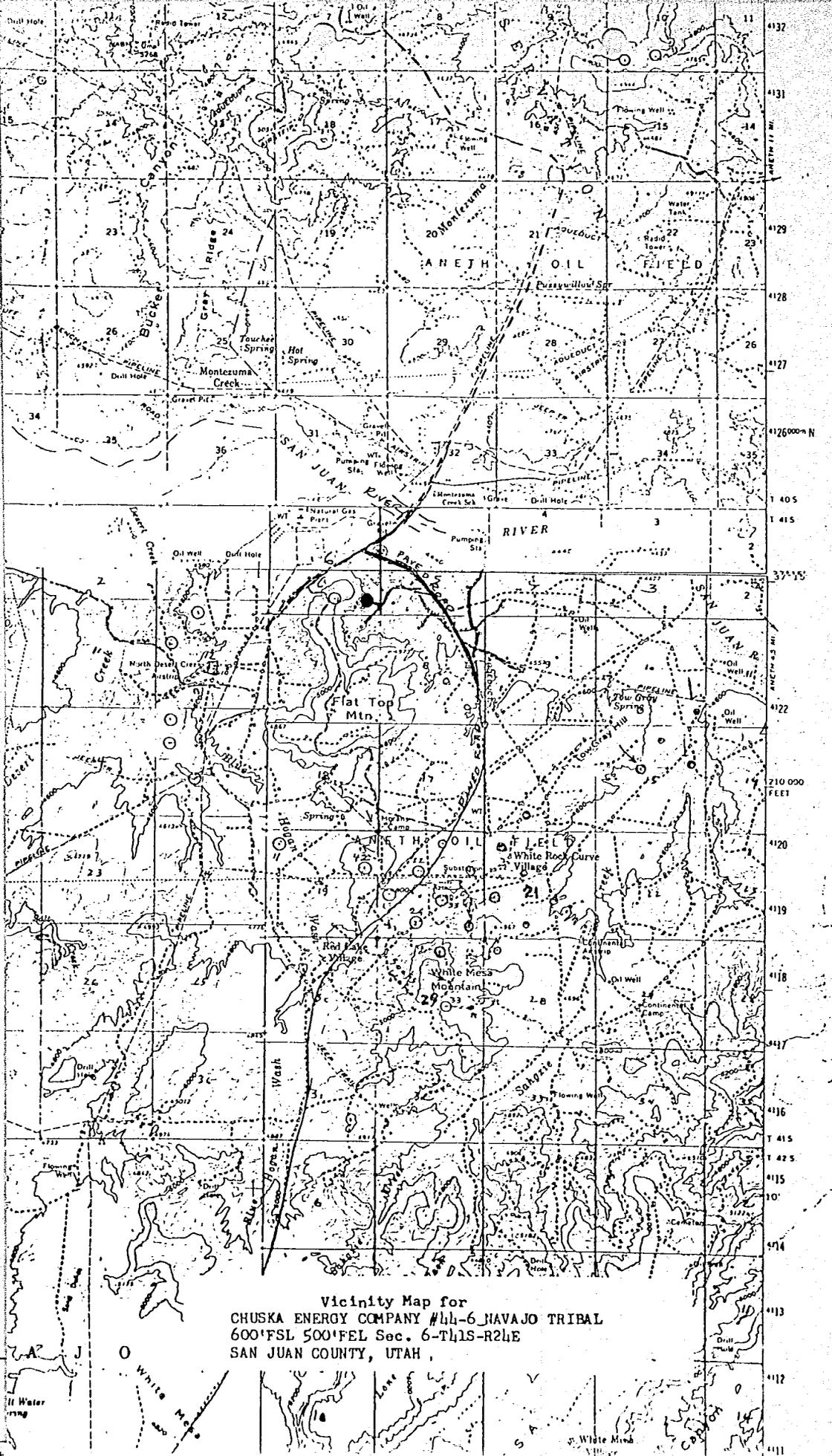
Chuska Energy Co.
Navajo Tribal 44-6
SESE 6-41S-24E
San Juan Co., Utah

Profile for
 CHUSKA ENERGY COMPANY #44-6 NAVAJO TRIBAL
 600'FSL 500'FEL Sec. 6-T41S-R24E
 SAN JUAN COUNTY, UTAH



Scale: 1"=50'





Vicinity Map for
 CHUSKA ENERGY COMPANY #14-6 NAVAJO TRIBAL
 600' FSL 500' FEL Sec. 6-T14S-R24E
 SAN JUAN COUNTY, UTAH

White Mesa

White Mesa

OPERATOR Chuska Energy Co DATE 2-29-84
WELL NAME Nawajo Tribal 44-6
SEC SESE 6 T 41S R 24E COUNTY San Juan

43-077-30990
API NUMBER

Indian
TYPE OF LEASE

POSTING CHECK OFF:

INDEX MAP HL
 NLD PI

PROCESSING COMMENTS:

Water
No other wells within 1000'

CHIEF PETROLEUM ENGINEER REVIEW:

2/27/84

APPROVAL LETTER:

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

SPECIAL LANGUAGE:

1 - Water

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

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER _____

UNIT _____

c-3-b

c-3-c

CHECK DISTANCE TO NEAREST WELL.

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

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

VERIFY LEGAL AND SUFFICIENT DRILLING WATER

March 2, 1934

Chuska Energy Company
c/o 3E Company, Inc.
Box 190
Farmington, New Mexico 87401

RE: Well No. Navajo Tribal 44-6
SESE Sec. 6, T. 41S, R. 24E
600' FSL, 500' FEL
San Juan County, Utah

Gentlemen:

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

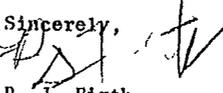
1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.

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 R. J. Firth, Chief Petroleum Engineer, Telephone (801) 533-5771 (Office), 571-6068 (Home).
4. 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 43-037-30990.

Sincerely,


R. J. Firth
Chief Petroleum Engineer

RJF/as
cc: Branch of Fluid Minerals



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

May 1, 1985

Bureau of Land Management
Branch of Fluid Minerals
P O Box 970
Moab, Utah 84532

Attention: Ms. Carol Fruediger

Dear Carol:

Re: Well No. 44-6 - Sec. 6, T. 41S., R. 24E.,
San Juan County, Utah - Lease No.: NOG-8308-1033
Operator of Record: Chuska Energy Company

The above referenced well in your district was given state approval to drill March 2, 1984. This office has not received notification of any activity on this location.

Please let me know what action, if any, the Bureau of Land Management is taking on this well.

Thank you for your help in keeping our records up to date.

Sincerely,

Pam Kenna
Well Records Specialist

Enclosure

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

0170S/28



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Moab District
P. O. Box 970
Moab, Utah 84532

3162 (U-065)
(U-40053)
(U-037442-A)

RECEIVED

MAY 21 1985

MAY 23 1985

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

DIVISION OF OIL
GAS & MINING

Attention. Ms. Pam Kenna

Re: Request for Status of Wells

Gentlemen:

We are replying to your requests for status on the following wells:

- 1) Tricentrol Resources
Well No. Nancy Federal 3-12
Sec. 3, T. 38 S R. 25 E.
Lease U-40053

We are in the process of rescinding this APD.

- 2) Smith Whyte
Well No. Whyte Agate Federal 1
Sec. 17, T. 20 S., R. 24 E.
Lease U-037442-A

We are enclosing two Sundry Notices in reference to this well.

- 3) Chuska Energy Company
Well No. 44-6
Sec. 6, T. 41 S., R. 24 E.
Lease NOG-8308-1033

We are returning your request. This well is handled by the Bureau of Land Management, Farmington Resource Area, Caller Service 4104, Farmington, NM 87499.



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

June 10, 1985

Bureau of Land Management
Farmington Resource Area
Caller Service 4104
Farmington, New Mexico 87499

Gentlemen:

Re: Well No. Navajo Tribal 44-6 - Sec. 6, T. 41S., R. 24E.,
San Juan County, Utah - Lease No. NOG 8308-1033
Operator of Record: Chuska Energy Company

The above referenced well in your district was given state approval to drill March 2, 1984. This office has not received notification of any activity on this location.

Please let me know what action, if any, the Bureau of Land Management is taking on this well.

Thank you for your help in keeping our records up to date.

Sincerely,

A handwritten signature in cursive script that reads "Pam Kenna".

Pam Kenna
Well Records Specialist

Enclosure

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

0170S/37



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

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

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

April 1, 1986

Chuska Energy Company
c/o 3E Company, Inc.
Box 190
Farmington, New Mexico 87401

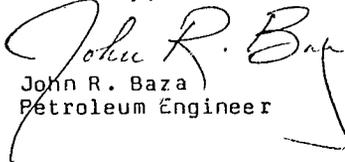
Gentlemen:

RE: Well No. Navajo Tribal 44-6, Sec.6, T.41S, R.24E,
San Juan County, Utah, API NO. 43-037-30990

In concert with action taken by the U.S. Bureau of Land Management, approval to drill the above referenced well is hereby rescinded. A new Application for Permit to Drill must be filed with this office for approval, prior to future drilling of the subject location.

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

Sincerely,


John R. Baza
Petroleum Engineer

cc: BLM-Farmington
D. R. Nielson
R. J. Firth
Well file
0278T-23

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
OIL AND GAS INSPECTION RECORD

02
OPERATOR Chuska Energy LEASE _____
WELL NO. Dwain 44-6 API 43032-30990
SEC. 10 T. 41S R. 24E CONTRACTOR _____
COUNTY S/J FIELD G/A

DRILLING/COMPLETION/WORKOVER:

APD WELL SIGN HOUSEKEEPING BOPE
 SAFETY POLL. CONTROL SURFACE USE PITS
 OPERATIONS OTHER

SHUT-IN / TA :
 WELL SIGN HOUSEKEEPING EQUIPMENT* SAFETY
 OTHER

ABANDONED: LA
 MARKER HOUSEKEEPING REHAB. OTHER

PRODUCTION:

WELL SIGN HOUSEKEEPING EQUIPMENT* FACILITIES*
 METERING* POLL. CONTROL PITS DISPOSAL
 SECURITY SAFETY OTHER

GAS DISPOSITION:

VENTED/FLARED SOLD LEASE USE

LEGEND: Y - YES OR SATISFACTORY
N - NO OR UNSATISFACTORY
NA - NOT APPLICABLE

*FACILITIES INSPECTED: NO LOC

REMARKS: LA

ACTION: _____

INSPECTOR: MA DATE 7/19/89