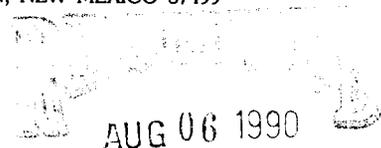




# CHUSKA ENERGY COMPANY

315 N. BEHREND • FARMINGTON, NEW MEXICO 87401 • PHONE: (505) 326-5525

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



1 August, 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: Application for Permit to Drill  
North Village 201-1 Well, San Juan County, Utah

Gentlemen

Attached for your examination and approval is the original and two copies of an Application for Permit to Drill the North Village 201 Well No. 1 in San Juan County, Utah. This well will be drilled as part of an ongoing exploration program.

The location for this well falls outside the guidelines for the State of Utah spacing requirements. However, the location has been sited so as to allow the well bore to penetrate geological structures which have been identified by seismic interpretation. We therefore apply for an exception to the General State Spacing requirements. Chuska Energy controls the acreage surrounding the proposed site, as indicated on the attached land plat.

Please advise if you require additional information concerning this application. Chuska will greatly appreciate your prompt consideration.

Sincerely,

  
Larry G. Sessions  
Operations Manager

LGS/csw  
File: C:\WP\NVILLAGE.201\APDCOVER

encl.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.  
NOG 8702-1116

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Navajo Tribal

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
North Village 201

9. WELL NO.  
4

10. FIELD AND POOL, OR WILDCAT  
Wildcat 001

11. SEC., T., R., N., OR BLK.  
AND SURVEY OR AREA  
S20 T42S R24E

12. COUNTY OR PARISH  
San Juan

13. STATE  
Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
10 1/2 mi S of Montezuma Creek, Utah

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST\*  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any) 450'

16. NO. OF ACRES IN LEASE  
50,000

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

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

19. PROPOSED DEPTH  
6,389' GR (AKAH)

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5,659' GR

22. APPROX. DATE WORK WILL START\*  
11-1-90

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24 lb	500'	371 sx 'G' + 2% CaCl <sub>2</sub>
7 7/8"	5 1/2"	15.5 lb	6,389'	877 sx 'G', 65:35 Poz + 6% Gel

Refer to attached 10-Point Drilling Plan etc.

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 [Signature] TITLE Petroleum Engineer DATE 1 August, 1990

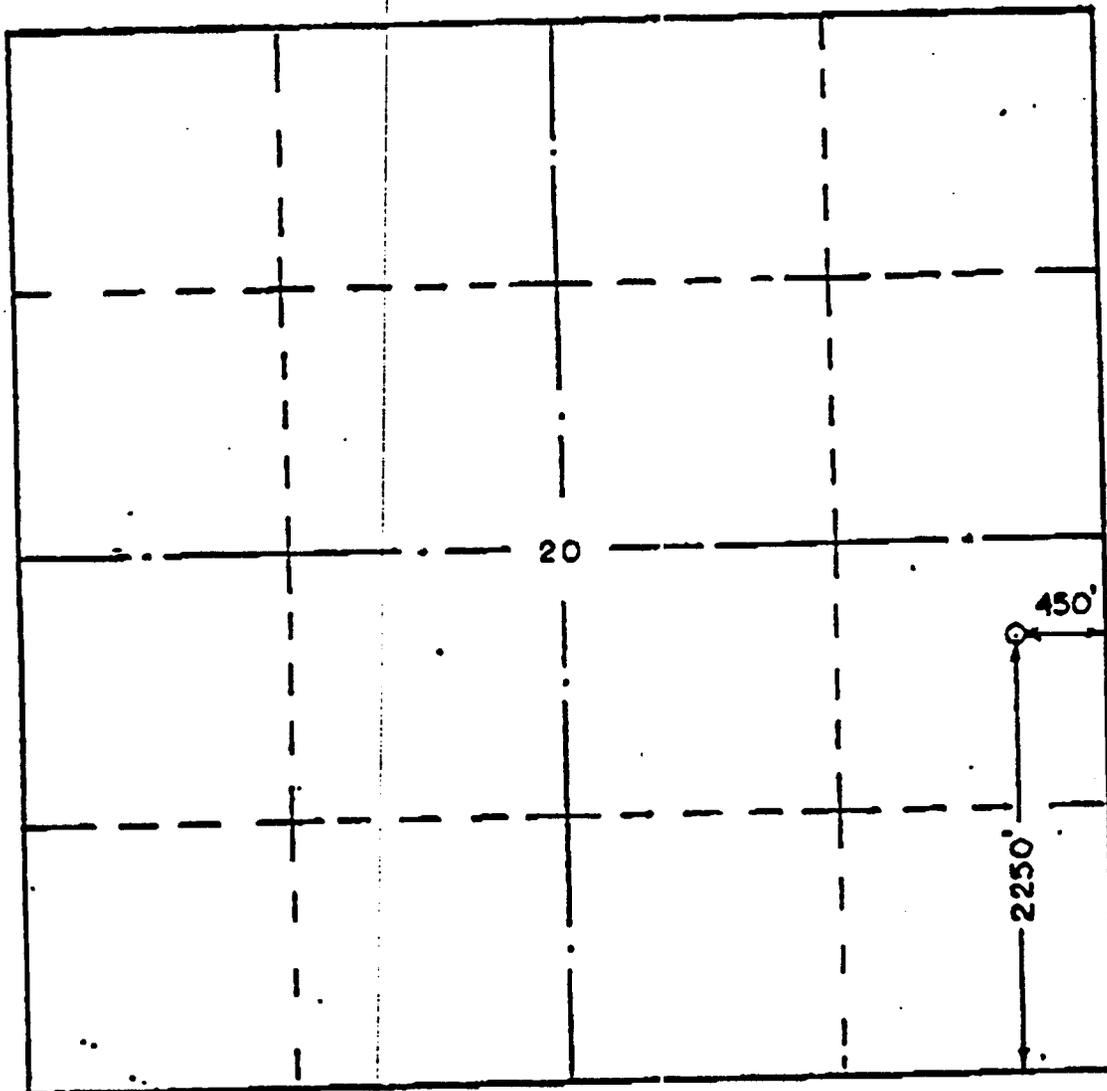
PERMIT NO. 43 037-31555 APPROVAL DATE APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE: [Signature]

CONDITIONS OF APPROVAL, IF ANY:

\*(See Instructions On Reverse Side)

### WELL LOCATION AND ACREAGE DEDICATION PLAT



1"=1000'

**WELL LOCATION DESCRIPTION:**  
 CHUSKA ENERGY COMPANY, North Village 20 - I - 1  
 2250'FSL & 450'FEL  
 Section 20, T.42 S., R.24 E., SLM  
 San Juan, UT.  
 5659' ground elevation  
 State plane coordinates from seismic control:  
 x = 2,642,291                      y = 173,241

The above plat is true and correct to my knowledge and belief.

25 July 1990

Gerald E. Huddleston, LS



6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

NORTH VILLAGE 201-1

**CHUSKA ENERGY COMPANY**

ACREAGE POSITION UNDER THE 1987 OPERATING AGREEMENT



CHUSKA: T42S-R24E, SAN JUAN COUNTY, UTAH

CHUSKA ENERGY COMPANY

10 POINT DRILLING PLAN

North Village 201 Well No. 1  
Section 20, Township 42S, Range 24E  
2,250' FSL, 450' FEL  
San Juan County, Utah

1. SURFACE FORMATION

Geological name of surface formation: Dakota

2. ELEVATION

Surface elevation is 5,659' GR.

3. ESTIMATED FORMATION TOPS

<u>Depth</u>	<u>Formation</u>	<u>Sub Sea</u> <u>Elevation</u>	
Surface	Dakota/Burro Canyon	+ 5,659'	
659'	Morrison	+ 5,000'	
1,294'	Navajo	+ 4,365'	
2,054'	Chinle	+ 3,605'	
3,204'	DeChelly	+ 2,455'	
4,104'	Cedar Mesa	+ 1,555'	
5,124'	Hermosa	+ 535'	
6,009'	Upper Ismay	- 350'	
6,134'	Lower Ismay	- 475'	
6,179'	Desert Creek	- 520'	Primary Objective
6,324'	Akah	- 665'	
6,389'	Total Depth	- 730'	

4. PROPOSED CASING/CEMENTING PROGRAM

	<u>Depth</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Coupling</u>
Surface	500'	8 5/8"	24 lb	K-55	STC
Production:	6,389'	5 1/2"	15.5 lb	K-55	STC

Surface Cementing:

371 sx (427 ft<sup>3</sup>) Class 'G' cement with 2% CaCl<sub>2</sub> and 1/4 lb/sk Celloflake. Weight = 15.8 ppg, yield = 1.15 ft<sup>3</sup>/sk. Slurry volume calculated at 100% excess over annular volume.

## Production Cementing:

### First Stage

T.D. to 3,500' (stage collar @ ± 3,500'). Lead with 245 sx Class 'G' cement, 65:35 Pozmix, with 6% gel and 1/4 lb/sk Celloflake. Weight = 12.7 ppg, yield = 1.85 ft<sup>3</sup>/sk. Tail with 177 sx Class 'G' cement with 2% CaCl<sub>2</sub>. Weight = 15.8 ppg, yield = 1.15 ft<sup>3</sup>/sk. Total of 656 ft<sup>3</sup>. Bring Class 'G' slurry to 500' above top of Upper Ismay. Cement volumes calculated at 30% excess in open hole.

### Second Stage

3,500' to surface. Lead with 355 sx Class 'G' cement, 65:35 Pozmix with 6% gel and 1/4 lb/sk Celloflake. Weight = 12.7 ppg, yield = 1.85 ft<sup>3</sup>/sk. Tail with 100 sx Class 'G' cement with 2% CaCl<sub>2</sub>. Weight = 15.8 ppg, yield = 1.15 ft<sup>3</sup>/sk. Total of 772 ft<sup>3</sup>. Cement volumes calculated at 30% excess in open hole.

Note: Exact slurry volumes for the production string will be adjusted according to the caliper log which will be run prior to cementing. Special adjustments may be necessary if significant amounts of salt are drilled.

## 5. BLOWOUT PREVENTER (See attached schematics)

As abnormal pressure is not anticipated, a 2,000 psi BOP system would be sufficient for the drilling of this well. However, due to availability constraints, a 3,000 psi system will be used, as per the attached Exhibits "A" and "B". This will be a 10" x 900 Series double ram preventer, equipped with a set of pipe and blind rams.

An accumulator system, with a pressure capacity sufficient to operate the rams three complete cycles without rig power, will be required as part of the rig equipment.

## 6. PROPOSED MUD PROGRAM

### Surface to 3,500'

Fresh water, gel, lime and native solids. Weight 8.3 - 8.7 ppg. Gel/lime sweeps as necessary for hole cleaning.

### 3,500' to T.D.

Low solids, non-dispersed polymer system. Weight 8.6 - 9.5 ppg. Gel/lime sweeps as hole conditions dictate for hole cleaning. Fluid loss to be maintained at 15 - 20 cc. Fluid loss to be further reduced to 15 cc or less prior to coring, logging or DSTs.

North Village 201 Well No. 1  
Section 20, Township 42S, Range 24E  
2,250' FSL, 450' FEL  
San Juan County, Utah

SURFACE USE PLAN

1. EXISTING ROADS

Shown on the attached topographic map are the existing roads in the immediate area. Outlined is the route to be followed from Montezuma Creek. Existing roads will be maintained, as necessary, while operations are in progress.

2. PLANNED ACCESS ROAD (SHOWN IN RED)

The access road will be as shown on the attached topographic map. The road will be flat bladed, constructed 14' in width and will be maintained as necessary to prevent excessive damage to the existing terrain. The road will be upgraded if commercial production is established. It is anticipated that approximately 1,000' of new road will be required to be constructed to the location pad.

3. LOCATION OF EXISTING WELLS & TANK BATTERIES

There are no other producing wells or facilities in the immediate area.

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

No production facilities are presently in place. Should the well prove to be productive, facilities (tank battery etc) will be sited on the drilling location pad.

5. LOCATION & TYPE OF WATER SUPPLY

Water will be acquired from the San Juan River and will be hauled using Chuska Energy Company water trucks, under State of Utah Division of Water Rights Permit Number 09-1722, (T64794).

6. SOURCE OF CONSTRUCTION MATERIALS

The need for additional construction materials is not anticipated. In the event that additional materials are required, they will be acquired either from private sources or with the approval of the Navajo Nation.

7. METHODS OF HANDLING WASTE MATERIAL

Trash will be contained on location in an enclosed bin. It will be hauled to an approved disposal site or burned on location if a burning permit is granted. The reserve pit will be lined, with an approved 7 mil liner, for containing drilling fluids. The pit will also be fenced. All drilling fluids, cuttings and chemical waste will be stored in the reserve pit. Liquid hydrocarbons will be stored in temporary storage tanks and hauled from location to approved sales facilities. The reserve pit will be emptied, back filled and restored to natural terrain status upon completion of drilling operations.

8. ANCILLARY FACILITIES

Chemical portable toilet facilities will be provided on location during drilling and completion operations. No camps or air strips are planned for this well.

9. WELL SITE LAYOUT

Attached is a surveyor's staking plat, cut and fill requirements and a schematic of the proposed rig layout.

10. PLANS FOR RESTORATION OF THE SURFACE

The location is laid out on a south east north west trend and will require up to 12' of cut in the reserve pit (up to 2' of cut in the northern corner of the location pad) and up to 4' of fill in the southern corner of the location pad. Top soil removed from the pad will be stored at the well site. A reserve pit will be built on terrain containing sparse native vegetation. After drilling operations are complete, drilling fluid in the reserve pit will be allowed to evaporate. All remaining fluid in the pit will be disposed of into an approved disposal site. The reserve pit will remain fenced during the evaporation and disposal process. The pit will then be covered and the topsoil will be returned to the disturbed area. The terrain will be returned as near to its original condition as possible. Following operations, rehabilitation seeding will be in accordance with APD/BLM/BIA stipulations. There are no residents in the immediate area of the site.

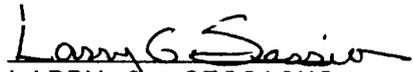
11.

OPERATORS REPRESENTATIVE

CHUSKA ENERGY COMPANY  
315 NORTH BEHREND AVENUE  
FARMINGTON, NEW MEXICO 87401  
LARRY G. SESSIONS

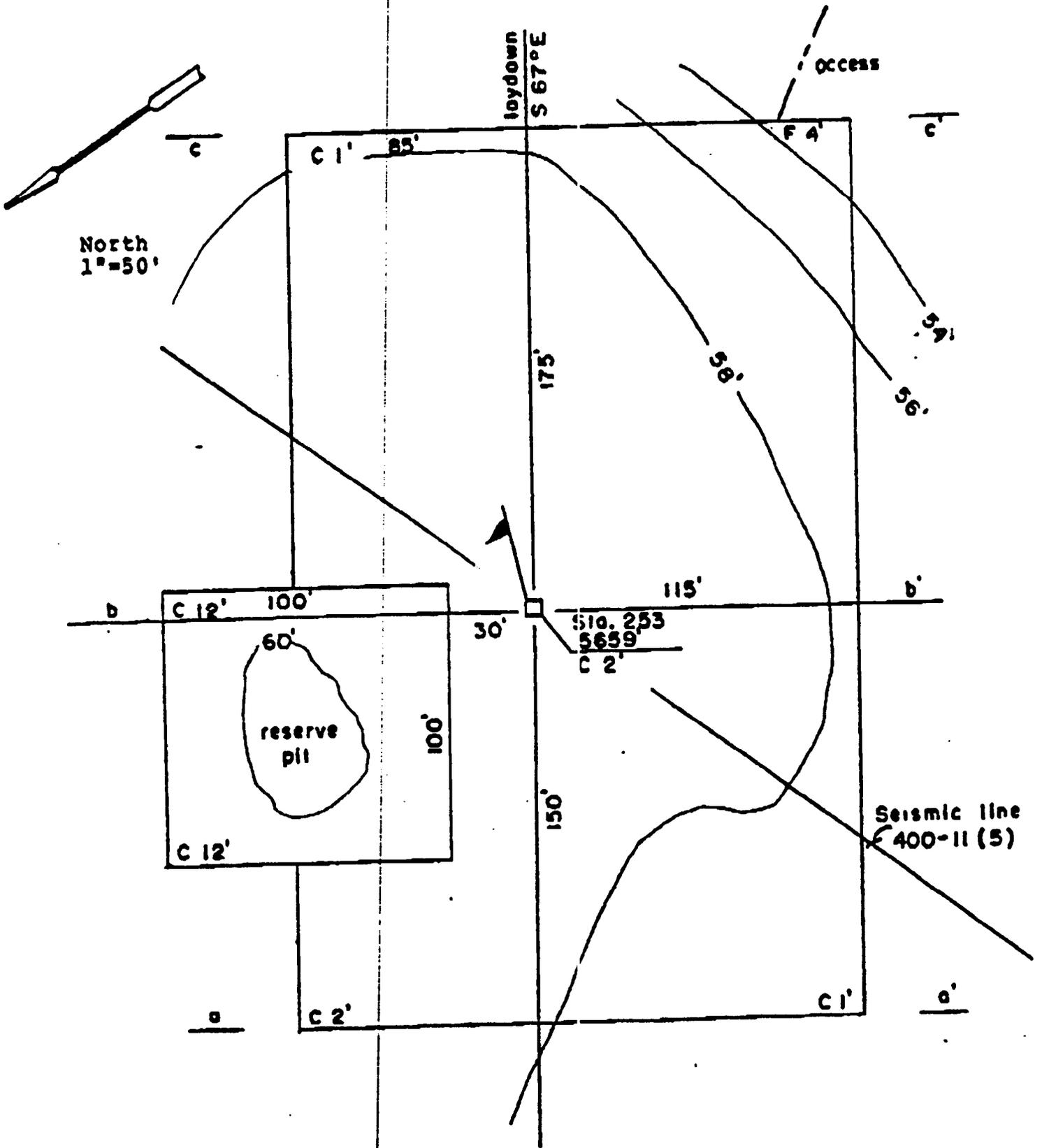
12. CERTIFICATION

I hereby certify that either I, or persons under my direct supervision have inspected the proposed drill site and access route: that I am familiar with the conditions which presently exist: that the statements made in this plan are, to the best of my knowledge, true and correct and that the work planned will be performed by Chuska Energy, or its sub-contractors, in conformity with the terms and conditions under which it is approved.

  
LARRY G. SESSIONS  
Operations Manager

Plan View Sketch

North Village 20 - I - 1

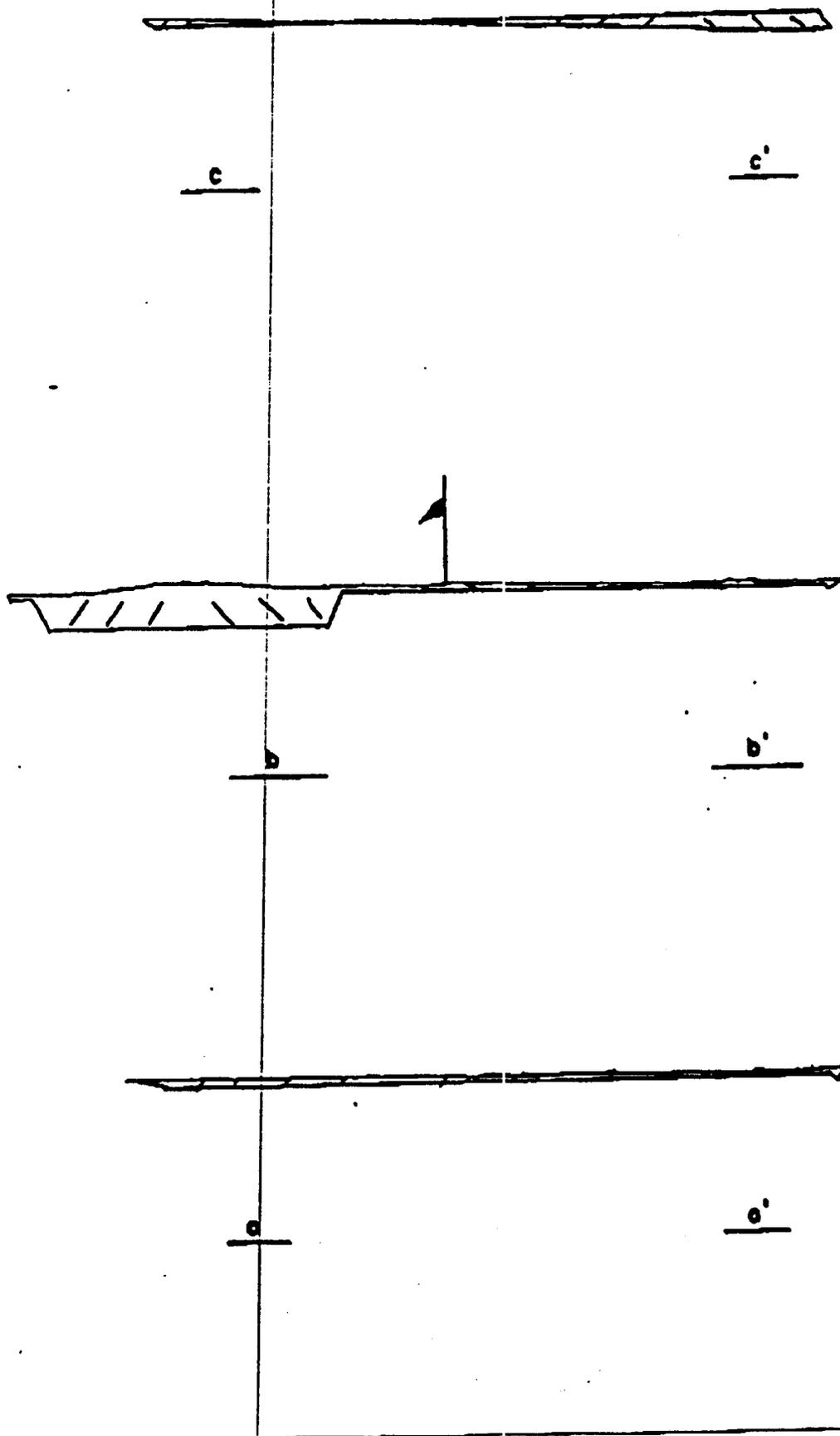


Cross Section

North Village 20 - I - 1

Cut   
Fill 

1"=50' Horz. & Vert.

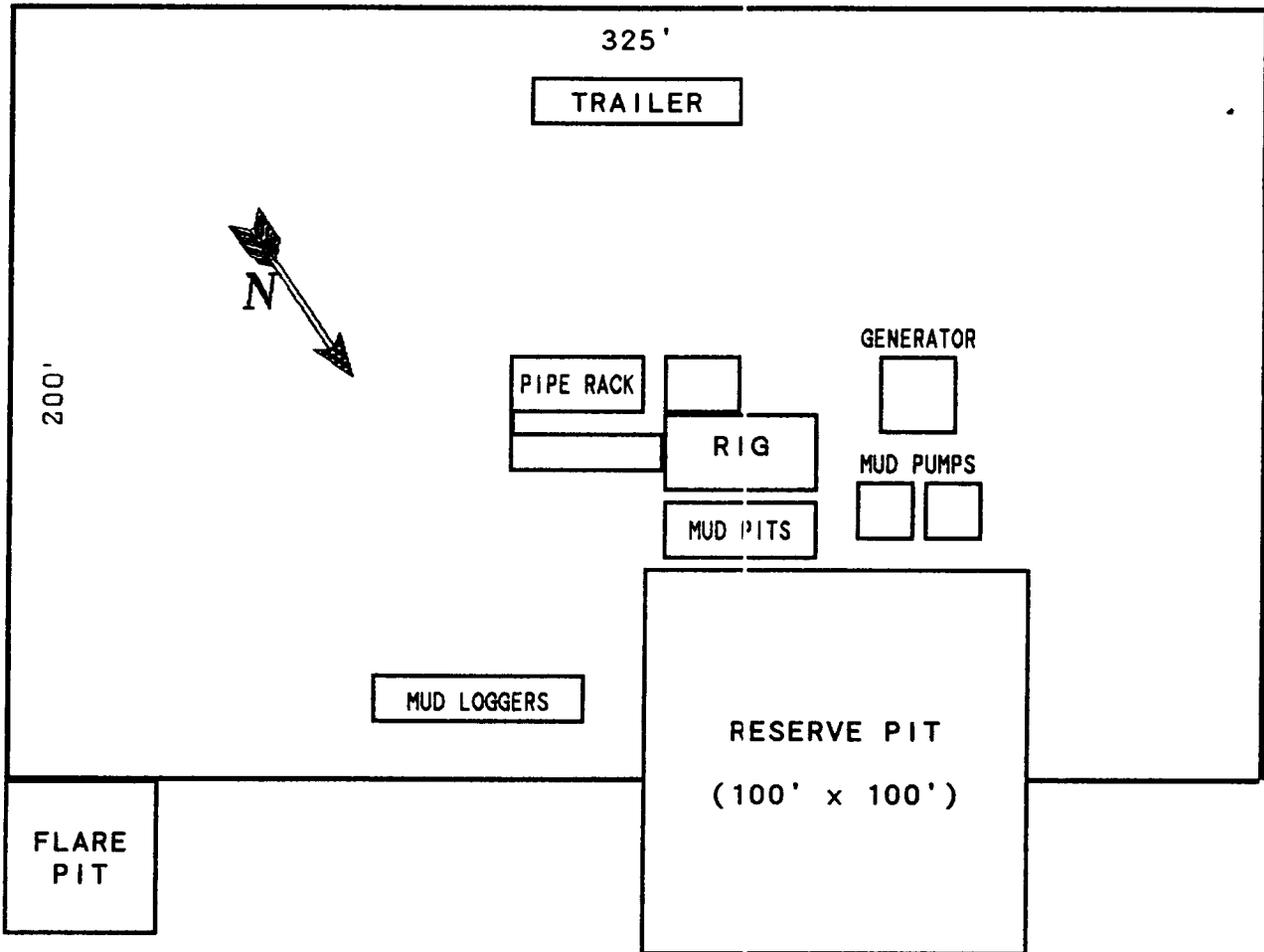


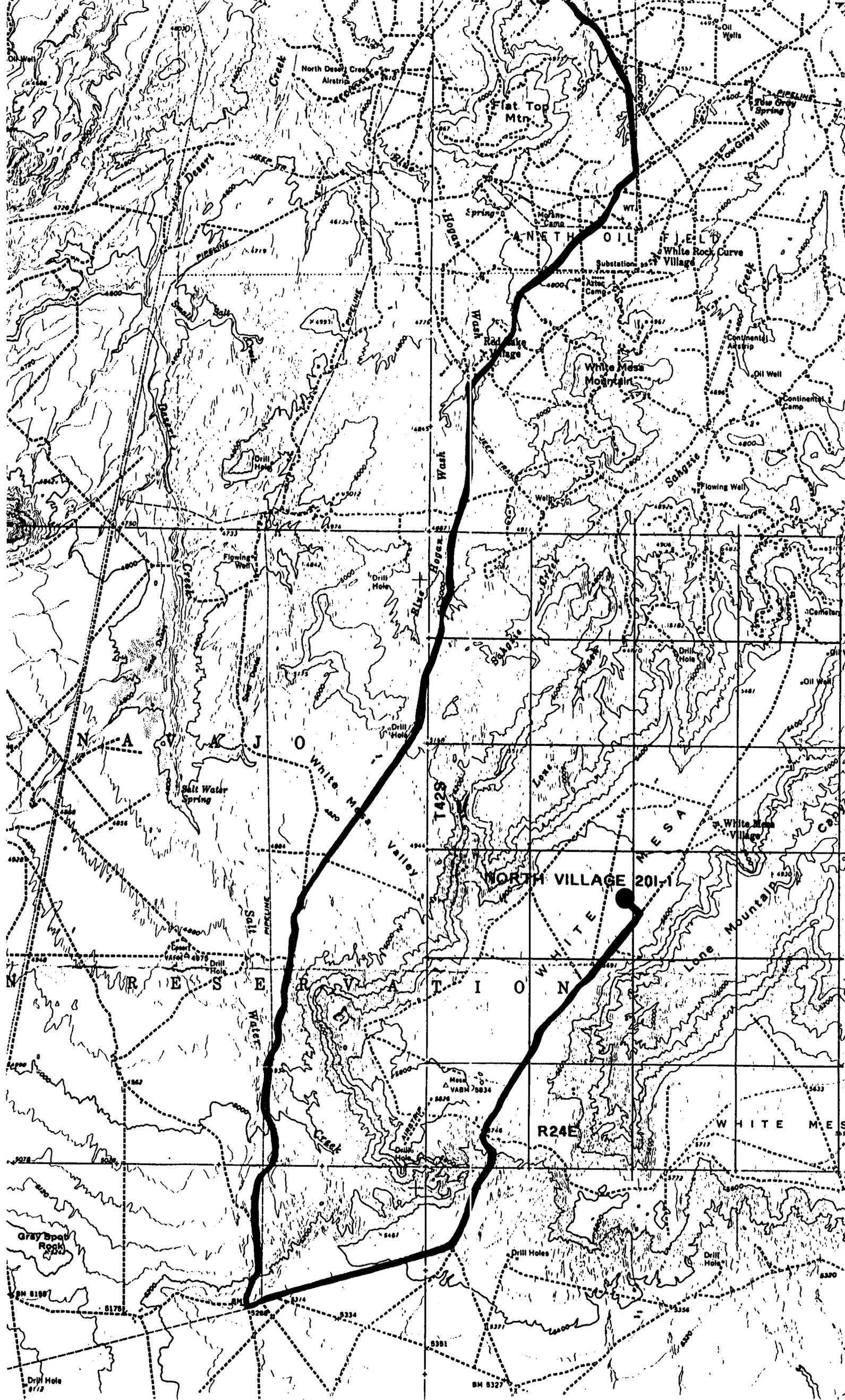
# NORTH VILLAGE 201-1

2,250' FSL, 450 FEL

SECTION 20, TOWNSHIP 42S, RANGE 24E

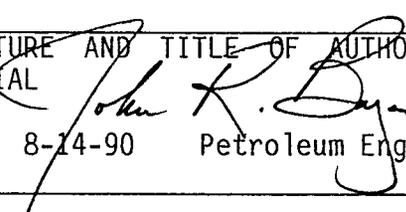
San Juan COUNTY, Utah





STATE ACTIONS

Mail to:  
RDCC Coordinator  
116 State Capitol  
Salt Lake City, Utah 84114

1. ADMINISTERING STATE AGENCY  
OIL, GAS AND MINING  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203
2. STATE APPLICATION IDENTIFIER NUMBER:  
(assigned by State Clearinghouse)
3. APPROXIMATE DATE PROJECT WILL START:  
November 1, 1990
4. AREAWIDE CLEARING HOUSE(S) RECEIVING STATE ACTIONS:  
(to be sent out by agency in block 1)  
Southeastern Utah Association of Governmerts
5. TYPE OF ACTION:  Lease  Permit  License  Land Acquisition  
 Land Sale  Land Exchange  Other \_\_\_\_\_
6. TITLE OF PROPOSED ACTION:  
Application for Permit to Drill
7. DESCRIPTION:  
Chuska Energy Company proposes to drill a wildcat well, the North Village 201 #1, on Navajo Tribal lease number NOG 8702-1116 in San Juan County, Utah. This action is being presented to RDCC for consideration of resource issues affecting state interests. The U.S Bureau of Land Management or the Bureau of Indian Affairs is the primary administrative agency in this case and must issue approval to drill before operations can commence.
8. LAND AFFECTED (site location map required) (indicate county)  
NE/4, SE/4, Section 20, Township 42 South, Range 24 East, San Juan County, Utah
9. HAS THE LOCAL GOVERNMENT(S) BEEN CONTACTED?  
Unknown
10. POSSIBLE SIGNIFICANT IMPACTS LIKELY TO OCCUR:  
No significant impacts are likely to occur
11. NAME AND PHONE NUMBER OF DISTRICT REPRESENTATIVE FROM YOUR AGENCY NEAR PROJECT SITE, IF APPLICABLE:
12. FOR FURTHER INFORMATION, CONTACT: John Baza  
PHONE: 538-5340
13. SIGNATURE AND TITLE OF AUTHORIZED OFFICIAL  
  
DATE: 8-14-90 Petroleum Engineer

WOI186

TEMPORARY

RECEIVED

Rec. by WD

FILING FOR WATER IN THE

Fee Rec. 30.00

STATE OF UTAH

Receipt # 28801

JUL 05 1990

JUN 29 1990

APPLICATIONS TO APPROPRIATE WATER

Microfilmed \_\_\_\_\_

Roll # \_\_\_\_\_

For the purpose of acquiring the right to use a portion of the unappropriated water of the State of Utah, application is hereby made to the State Engineer, based upon the following showing of facts, submitted in accordance with the requirements to Title 73, Chapter 3 of the Utah Code Annotated (1953, as amended).

\*WATER RIGHT NO. 09 - 1722 \*APPLICATION NO. A T64794

1. \*PRIORITY OF RIGHT: June 29, 1990 \*FILING DATE: June 29, 1990

2. OWNER INFORMATION

Name(s): Chuska Energy Company \*Interest: 100 %

Address: P. O. Box 780

City: Farmington State: New Mexico Zip Code: 87499

Is the land owned by the applicant? Yes \_\_\_\_\_ No x (If "No", please explain in EXPLANATORY section.)

3. QUANTITY OF WATER: \_\_\_\_\_ cfs and/or 18 ac-ft.

4. SOURCE: San Juan River \*DRAINAGE: \_\_\_\_\_

which is tributary to \_\_\_\_\_

which is tributary to \_\_\_\_\_

POINT(S) OF DIVERSION: \_\_\_\_\_ COUNTY: San Juan

At bridge crossing of highway 262 at the city of Montezuma Creek, Utah

S. 350 ft. & E. 1150 ft. from NW Cor. Sec. 5, T41S, R24E, SLB&M

Description of Diverting Works: Water truck and portable pump

\*COMMON DESCRIPTION: Montezuma Creek, Utah Montezuma Creek Quad

5. POINT(S) OF REDIVERSION

The water will be rediverted from N/A at a point: \_\_\_\_\_

Description of Diverting Works: \_\_\_\_\_

6. POINT(S) OF RETURN

The amount of water consumed will be \_\_\_\_\_ cfs or 18 ac-ft.

The amount of water returned will be \_\_\_\_\_ cfs or N/A ac-ft.

The water will be returned to the natural stream/source at a point(s) \_\_\_\_\_

7. STORAGE

Reservoir Name: N/A Storage Period: from \_\_\_\_\_ to \_\_\_\_\_

Capacity: \_\_\_\_\_ ac-ft. Inundated Area: \_\_\_\_\_ acres.

Height of dam: \_\_\_\_\_ feet

Legal description of inundated area by 40 acre tract(s): \_\_\_\_\_

\* These items are to be completed by the Division of Water Rights

TEMPORARY

Appropriate

8. List any other water rights which will supplement this application \_\_\_\_\_

9. NATURE AND PERIOD OF USE

JENKINS

Irrigation:	From _____	to _____
Stockwatering:	From _____	to _____
Domestic:	From _____	to _____
Municipal:	From _____	to _____
Mining:	From _____	to _____
Power:	From _____	to _____
Other: Oil & Gas Exploration	From 8/1990	to 11/1990

10. PURPOSE AND EXTENT OF USE

Irrigation: \_\_\_\_\_ acres. Sole supply of \_\_\_\_\_ acres.  
 Stockwatering (number and kind): \_\_\_\_\_  
 Domestic: \_\_\_\_\_ Families and/or \_\_\_\_\_ Persons.  
 Municipal (name): \_\_\_\_\_  
 Mining: \_\_\_\_\_ Mining District in the \_\_\_\_\_ Mine.  
 Ores mined: \_\_\_\_\_  
 Power: Plant name: \_\_\_\_\_ Type: \_\_\_\_\_ Capacity: \_\_\_\_\_  
 Other (describe): Drilling and completion of San Juan County Oil and Gas wells

11. PLACE OF USE

Legal description of place of use by 40 acre tract(s): At drilling sites which are now approved and at sites to be applied for in the future.  
NW 1/4 NW 1/4 Sec. 5, T41S, R24E, SLB&M

12. EXPLANATORY

The following is set forth to define more clearly the full purpose of this application. (Use additional pages of the same size if necessary): The point of diversion is on Navajo Tribal lands. Chuska Energy Company, as operator for the Navajo Nation, requires water for drilling and completion operations on Navajo Tribal lands. This application is for a temporary permit to drill and complete six wells.

\*\*\*\*\*

The applicant(s) hereby acknowledges that he/she/they are a citizen(s) of the United States of America or intends to become such a citizen(s). The quantity of water sought to be appropriated is limited to that which can be beneficially used for the purposes herein described. The undersigned hereby acknowledges that even though he/she/they may have been assisted in the preparation of the above-numbered application through the courtesy of the employees of the Division of Water Rights, all responsibility for the accuracy of the information contained herein, at the time of filing, rests with the applicant(s).

H. Merle Myers  
 Signature of Applicant(s)\*

\*If applicant is a corporation or other organization, signature must be the name of such corporation or organization by its authorized agent, or in the name of the partnership by one of the partners.

\_\_\_\_\_  
 Authorized Agent (please print)

\_\_\_\_\_  
 Authorized Agent (signature)

TEMPORARY

STATE ENGINEER'S ENDORSEMENT

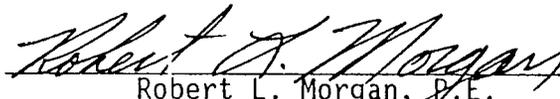
WATER RIGHT NUMBER: 09 - 1722

APPLICATION NO. T64794

1. June 29, 1990            Application received by MP.
  2. July 2, 1990            Application designated for APPROVAL by MP and KLJ.
  3. Comments:
- 
- 

Conditions:

This application is hereby APPROVED, dated July 13, 1990, subject to prior rights and this application will expire on July 13, 1991.

  
Robert L. Morgan, P.E.  
State Engineer

OPERATOR Chukco Energy Co DATE 8-13-90

WELL NAME North Village Well #1

SEC N4SE 00 T 405 R 04E COUNTY San Juan

43 037 31555  
API NUMBER

Indian (v)  
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

5.8m

POTASH OR OIL SHALE

PROCESSING COMMENTS:

Water Permit: 09-1700 (T64794)

Exemption Location

RDCL 8-13-90

APPROVAL LETTER:

SPACING:

R615-2-3

N/A  
UNIT

R615-3-2

N/A

CAUSE NO. & DATE

R615-3-3

STIPULATIONS:

CC: BIA

CONFIDENTIAL  
PERIOD  
EXPIRED  
ON 3-19-92



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter  
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

September 22, 1990

Chuska Energy Company  
P. O. Box 780  
Farmington, New Mexico 87499

Gentlemen:

Re: North Village 201 #1 - NE SE Sec. 20, T. 42S, R. 24E - San Juan County, Utah -  
2250' FSL, 450' FEL

Approval to drill the referenced well is hereby granted in accordance with Rule R615-3-3, Oil and Gas Conservation General Rules.

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

1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.
3. Submittal of the Report of Water Encountered During Drilling, Form 7.
4. Prompt notification if it is necessary to plug and abandon the well. Notify R. J. Firth, Associate Director, (Office) (801) 538-5340, (Home) 571-6068, or Jim Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Rule R615-3-20, Gas Flaring or Venting, Oil and Gas Conservation General Rules.

Page 2  
Chuska Energy Company  
North Village 20I #1  
September 22, 1990

6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
7. 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 43-037-31555.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

tas  
Enclosures  
cc: Bureau of Land Management  
Bureau of Indian Affairs  
J. L. Thompson  
we14/1-14

DIVISION OF OIL, GAS AND MINING

API NO. 43-037-31555

DRL

SPUDDING INFORMATION

NAME OF COMPANY: CHUSKA ENERGY CO.

WELL NAME: NORTH VILLAGE 201-1

SECTION NESE 20 TOWNSHIP 42S RANGE 24E COUNTY SAN JUAN

DRILLING CONTRACTOR AZTEC

RIG # 184

SPUDDED: DATE 12-3-90

TIME 7:00 p.m.

HOW ROTARY

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

REPORTED BY CHRIS HILL

TELEPHONE # 505-326-5525

DATE 12-4-90 SIGNED TAS



# CHUSKA ENERGY COMPANY

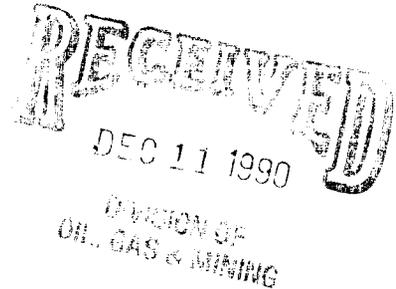
PA

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

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

5 December, 1990

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



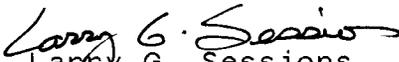
Ref: Sundry Notice: North Village 201-1 Well  
Spud/Set Surface Casing

Gentlemen

Attached for your examination and approval is the original and two copies of the subject Sundry Notice.

Please advise if you require additional information concerning this submission.

Sincerely,

  
Larry G. Sessions  
Operations Manager

LGS/csw  
File: C:\WP51\NVILLAGE.201\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.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NOG 8702-1116
2. NAME OF OPERATOR Chuska Energy Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo Tribal
3. ADDRESS OF OPERATOR P.O. Box 780, Farmington, New Mexico 87499		7. UNIT AGREEMENT NAME North Village 201
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2,250' FSL, 450' FEL		8. WELL NO. 1
At proposed prod. zone Same		10. FIELD AND POOL, OR WILDCAT Wildcat
14. PERMIT NO. 43-037-31555	15. ELEVATIONS (Show whether OF, RT, GR etc.) 5,659' GR	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA S20 T42S R24E
		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 <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) Spud/Set Surface Casing <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log Form)	
APPROX. DATE WORK WILL START _____		DATE OF COMPLETION 12-4-90	

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.

MIRU Aztec Well Services Rig 184. Spudded 1800 hrs, 12-3-90. Verbal notification of intended spud given to State of Utah (Frank Matthews) at 1405 hrs, 12-3-90 by Chris Hill. Drilled to 510'. Ran 12 joints 8 5/8", 24 lb/ft, K-55, STC casing, fitted with guide shoe and float collar and landed at 510'. Cemented with 371 sx Class 'G' cement with 2% CaCl<sub>2</sub> and 1/4 lb/sk Celloflake. Circulated 6 bbl slurry to surface. Cementing operations completed 1000 hrs 12-4-90.

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

SIGNED Christopher S. Hill TITLE Petroleum Engineer DATE 5 December, 1990

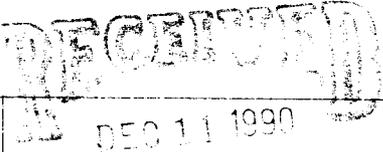
(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

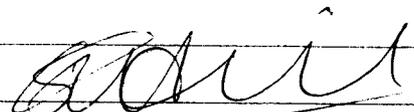
See Instructions On Reverse Side

ENTITY ACTION FORM - FORM 6

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11143	43-037-31555	North Village 20I #1	NE/SE	20	42S	24E	San Juan	12-3-90	
WELL 1 COMMENTS: MIRU Aztec Well Services Rig 184. Spudded 1800 hrs. 12-3-90. <i>Indien-Lease Field-wildcat Unit-N/A Proposed Zone-Akeh</i>											
WELL 2 COMMENTS: <div style="text-align: center;">  </div>											
WELL 3 COMMENTS: <div style="text-align: center;">  </div>											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

- ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
  - B - Add new well to existing entity (group or unit well)
  - C - Re-assign well from one existing entity to another existing entity
  - D - Re-assign well from one existing entity to a new entity
  - E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

  
 Signature \_\_\_\_\_  
 Petroleum Engineer 12-5-90  
 Title \_\_\_\_\_ Date  
 Phone No. (505) 326 5525



# CHUSKA ENERGY COMPANY

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

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

20 December, 1990

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

DEC 24 1990  
DIVISION OF  
OIL, GAS & MINING

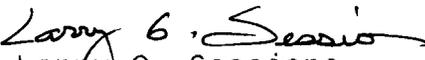
Ref: Completion Report: North Village 201-1 Well

Gentlemen

Attached for your examination and approval is the original and two copies of the subject Completion Report.

Please advise if you require additional information concerning this submission.

Sincerely,

  
Larry G. Sessions  
Operations Manager

LGS/csw  
File: C:\WP51\NVILLAGE.201\CRCOVER

encl.

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

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. RESYR  Other \_\_\_\_\_  
 2. NAME OF OPERATOR: Chuska Energy Company  
 3. ADDRESS OF OPERATOR: 3315 Bloomfield Highway, Farmington, New Mexico 87401  
 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
 At Surface: 2,250' FSL, 450' FEL  
 At top prod. interval reported below: Same  
 At total depth: Same

5. LEASE DESIGNATION AND SERIAL NO.: NOG 8702-1116  
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo Tribal  
 7. UNIT AGREEMENT NAME: \_\_\_\_\_  
 8. FARM OR LEASE NAME: North Village 20I  
 9. WELL NO.: 1  
 10. FIELD AND POOL, OR WILDCAT: Wildcat  
 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: S20 T42S R24E

14. API NO.: 43-037-31555  
 DATE ISSUED: 9-22-90  
 12. COUNTY: San Juan  
 13. STATE: Utah  
 15. DATE SPUDED: 12-3-90  
 16. DATE T.D. REACHED: 12-15-90  
 17. DATE COMPL. (Ready to prod.): 12-19-90 (Plug & Abd.)  
 18. ELEVATIONS (OF, RKB, RT, GR ETC.): 5,659' GR  
 19. ELEV. CASINGHEAD: 5,659' GR  
 20. TOTAL DEPTH, MD & TVD: 6,326' KB  
 21. PLUG BACK T.D., MD & TVD: Surface  
 22. IF MULTIPLE COMPL., HOW MANY: \_\_\_\_\_  
 23. INTERVALS DRILLED BY: Rotary  
 24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD): \_\_\_\_\_  
 25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: DLG/MSFL/GR/CAL, LDT/CNT/GR/CAL, BHCS/GR/CAL, MSCT. **CYBERLOOK 1-1-91**  
 27. WAS WELL CORED YES  NO  (Submit analysis)  
 DRILL STEM TEST YES  NO  (See reverse side)

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24	510	12 1/4"	371 sx 'G'. Returns to surface	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT	SCREEN (MD)

30. TUBING RECORD

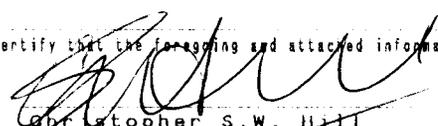
SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (interval, size and number)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

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

33. PRODUCTION  
 DATE FIRST PRODUCTION: \_\_\_\_\_  
 PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump): \_\_\_\_\_  
 WELL STATUS (Producing or shut in) P & A: \_\_\_\_\_  
 DATE OF TEST: \_\_\_\_\_ HOURS TESTED: \_\_\_\_\_ CHOKE SIZE: \_\_\_\_\_  
 PROD'N. FOR TEST PERIOD: \_\_\_\_\_ OIL - BBL.: \_\_\_\_\_ GAS - MCF.: \_\_\_\_\_ WATER - BBL.: \_\_\_\_\_ GAS-OIL RATIO: \_\_\_\_\_  
 FLOW TUBING PRESS.: \_\_\_\_\_ CASING PRESSURE: \_\_\_\_\_ CALCULATED 24-HOUR RATE: \_\_\_\_\_  
 OIL - BBL.: \_\_\_\_\_ GAS - MCF.: \_\_\_\_\_ WATER - BBL.: \_\_\_\_\_ OIL GRAVITY API (CORR.): \_\_\_\_\_  
 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): \_\_\_\_\_ TEST WITNESSED BY: \_\_\_\_\_

35. LIST OF ATTACHMENTS: \_\_\_\_\_  
 35. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
 SIGNED:  TITLE: Petroleum Engineer DATE: 12-20-90

See Spaces for Additional Data on Reverse Side

## INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on 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) 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.

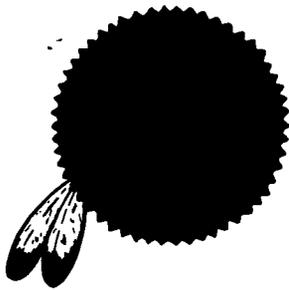
ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instructions for items 22 and 24 above).

### 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.

### 38. GEOLOGIC MARKERS

Formation	Top	Bottom	Description, contents, etc.	Name	MD/TVD	
					Top	Bottom
Dakota	Surface				634	634
Morrison	634				1292	1292
Navajo	1292				2062	2062
Chinle	2062				3170	3170
DeChelly	3170				4094	4094
Cedar Mesa	4094				5132	5132
Hermosa	5132				5982	5982
Upper Ismay	5982				6086	6086
Lower Ismay	6086				6144	6144
Desert Creek	6144				6290	6290
Akah	6290				6326	6326



# CHUSKA ENERGY COMPANY

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

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

20 December, 1990

RECEIVED  
DEC 24 1990

PROPERTY OF  
OIL & GAS DIVISION

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: North Village 201-1 Well  
Plugging and Abandonment

Gentlemen

Attached for your examination and approval is the original and two copies of the subject Sundry Notice. Dry hole Completion Report will follow shortly.

Please advise if you require additional information concerning this submission.

Sincerely,

  
Larry G. Sessions  
Operations Manager

LGS/csw  
File: C:\WP51\NVILLAGE.201\P&ASUN.CVR

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.)

5. LEASE DESIGNATION AND SERIAL NO. **NOG 8702-1116**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME **Navajo Tribal**

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME **North Village 201**

9. WELL NO. **1**

10. FIELD AND POOL, OR WILDCAT **Wildcat**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA **S20 T42S R24E**

1.  OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR **Chuska Energy Company**

3. ADDRESS OF OPERATOR **3315 Bloomfield Highway, 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 **2,250' FSL, 450' FEL**  
At proposed prod. zone **Same**

14. PERMIT NO. **43-037-31555**

15. ELEVATIONS (Show whether DF, RT, GR etc.) **5,659' GR**

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 <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) _____	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log Form)
(Other) _____		DATE OF COMPLETION <b>12-19-90</b>	
APPROX. DATE WORK WILL START _____			

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.)

Plugged and abandoned well as follows:

Plug #1: 6,326' - 5,972'	210 sx	Desert Creek, Lower/Upper Ismay
Plug #2: 5,172' - 5,072'	60 sx	Hermosa
Plug #3: 3,254' - 3,154'	60 sx	De Chelly
Plug #4: 2,104' - 2,004'	60 sx	Chinle
Plug #5: 560' - 460'	60 sx	Surface casing shoe
Plug #6: 50' - 0'	20 sx	Surface

All plugs class 'G' neat cement displaced with mud. All volumes calculated at 100% excess in open hole. Verbal approval from State of Utah (Lisha Romero) 1600 hrs, 12-18-90. Rig released 1100 hrs, 12-19-90.

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

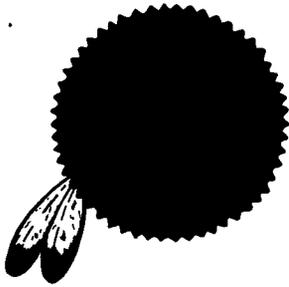
SIGNED *Christopher S.W. Hill* TITLE **Petroleum Engineer** DATE **20 December, 1990**

(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

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

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

18 December, 1990

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

RECEIVED  
DEC 27 1990  
DIVISION OF OIL, GAS AND MINING  
SALT LAKE CITY, UTAH

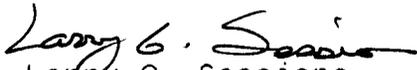
Ref: Sundry Notice: North Village 201-1 Well  
Notice of Intention to Plug and Abandon

Gentlemen

Attached for your examination and approval is the original and two copies of the subject Sundry Notice.

Please advise if you require additional information concerning this submission.

Sincerely,

  
Larry G. Sessions  
Operations Manager

LGS/csw  
File: C:\WP51\NVILLAGE.201\IP&ASUN.CVF

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.)

1. C-L WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. NOG 8702-1116
2. NAME OF OPERATOR Chuska Energy Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo Tribal
3. ADDRESS OF OPERATOR P.O. Box 780, Farmington, New Mexico 87499		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 2,250' FSL, 450' FEL At proposed prod. zone Same		8. FARM OR LEASE NAME North Village 20I
14. PERMIT NO. 43-037-31555		9. WELL NO. 1
15. ELEVATIONS (Show whether DF, RT, GR etc.) 5,659' GR		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA S20 T42S R24E
		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 <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log Form)	
APPROX. DATE WORK WILL START 12-18-90		DATE OF COMPLETION	

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.)

Notification of intended plugging and abandonment, as follows:

- Plug #1: 6,326' - 5,972' 210 sx To cover Desert Creek, Lower Ismay and Upper Ismay
- Plug #2: 5,172' - 5,072' 60 sx To cover Hermosa
- Plug #3: 3,254' - 3,154' 60 sx To cover De Chelly
- Plug #4: 2,104' - 2,004' 60 sx To cover Chinle
- Plug #5: 560' - 460' 60 sx To cover surface casing shoe
- Plug #6: 50' - 0' 20 sx Surface

All plugs will be class 'G' neat cement and will be displaced with mud. Volumes calculated at 100% excess in open hole. Notification of P & A operation given to State of Utah (Lisha Romero) at 1600 hrs, 12-18-90 by Chris Hill.

OFFICE DIVISION OF  
OIL, GAS AND MINING

DATE: 1-2-91  
BY: *[Signature]*

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

SIGNED: *[Signature]* TITLE: Petroleum Engineer DATE: 18 December, 1990  
Christopher S. Hill

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

See Instructions On Reverse Side



# CHUSKA ENERGY COMPANY

1775 SHERMAN STREET - SUITE 1800 • DENVER, COLORADO 80203 • PHONE: (303) 863-7021  
FAX #: (303) 863-7210

May 17, 1991

Ms. Vicki Kearney  
Utah Oil & Gas Commission  
355 West North Temple  
Three Triad Center  
Suite 350  
Salt Lake City, Utah  
84180-1203

Dear Ms. Kearney:

Please keep all Chuska Energy Company data confidential until further notice.

Thanks,

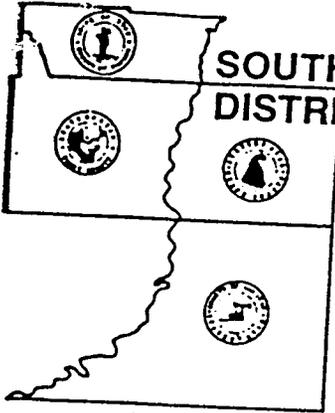
*Herb*

Herbert P. Mosca  
Chuska Staff Geologist

**RECEIVED**

MAY 20 1991

DIVISION OF  
OIL GAS & MINING



SOUTHEASTERN UTAH  
DISTRICT HEALTH DEPARTMENT

6 East Main  
P.O. Box 800  
Price, Utah 84501  
(801) 637-3671

- P.O. Box 644, Castle Dale, Utah 84513 - 281-2252
- P.O. Drawer E, Moab, Utah 84532 - 259-5602
- P.O. Box 127, Monticello, Utah 84535 - 587-2021
- 522 North 1st East, Blanding, Utah 84511 - 678-2723

August 6, 1990

Christopher S. W. Hill  
Petroleum Engineer  
Chuska Energy Co.  
315 N. Behrend  
Farmington, NM 87401

Dear Mr. Hill:

I have reviewed your facilities descriptions/site layout for the location of temporary living quarters, potable water storage and chemical toilet facilities for the following wells and here by give approval for the plans:

Oak 11G No. 1

North Village 201 No.1 43-037-21555 Sec 20 T425 R24E

Beaver 11 I No. 1

Lone Mountain Creek 12F No.1

SEP 0 1990

I have enclosed an invoice for \$149.00.

SEP 10 1990

Sincerely,

*Claron D. Bjork*  
Dr. Claron D. Bjork  
Environmental Health Director

TO: Christopher S. W. Hill  
 Petroleum Engineer  
 Chuska Energy Co  
 315 N. Behrend  
 Farmington, NM 87401

RECEIVED SOUTHEASTERN UTAH DISTRICT HEALTH DEPARTMENT  
 6 East Main • P.O. Box 800 • Price, Utah 84501 • (801) 637-3671  
 AUG 6 1990 Date August 6, 1990

ALL ITEMS MUST BE ENTERED IN DETAIL ON THIS VOUCHER				
4	Plan reviews for Oak 11G No. 1, North Village 201 No. 1, Beaver 11 I No. 1, and Lone Mountain Creek 12F No. 1 @ \$35.00 X 4.....	\$140.	00	
Paid by checks #254 and 257 <i>Aug 6, 1990</i> <i>Glenn D. Byrnes</i>				
Credit _____ Fund \$ _____		TOTAL	\$140.	00

The undersigned, being first duly sworn, on oath says: That the above account is correct, and the amount claimed is justly due, and that neither the whole nor any part of the same has been paid.

Signed *Glenn D. Byrnes*



# CHUSKA ENERGY COMPANY

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

September 7, 1993

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

RECEIVED

SEP 10 1993

DIVISION OF  
OIL, GAS & MINING

Attn: Mr. R.J. Firth  
Associate Director

RE: Utah Division of Oil, Gas and Mining's  
Reporting Requirements

Dear Mr. Firth:

Enclosed please find the following reports and well logs run on wells drilled by Chuska Energy Company during the period January 1, 1992 forward. The Production Reports were filed in June under a separate cover letter by our home office, Harken Energy Company, out of Dallas. We have received conflicting statements as to whether or not the data was received. Therefore, a second set of Production reports from January 1992 forward are also forwarded to your office under this cover letter.

APD(S), SUNDRY NOTICES AND ENTITY ACTION FORMS

Barnes 18M  
Barnes 18M(N)  
Brown Hogan 1A-2  
Burro 33I  
Clay Hill 33-0  
Crane 35H  
Copperhead 15E  
D.C. Anticline 35K  
Heron 35H  
Heron 35H(A)  
Jack 31G  
Kokopelli 29I  
Lark 19B  
Lark 19B(G)  
Lighting Rock 2E  
Lizard 4M  
Lone Mountain Creek 12F-1