

6

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, NEW MEXICO 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface: 1600' FNL & 1820' FWL
 At proposed prod. zone: SAME

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
 NOV 04 1985

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 DIVISION OF OIL & GAS & MINING 5420

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 19. PROPOSED DEPTH: 5650'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4784' 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	
12 1/4	8 5/8	24.0	1600	See Attached
7 7/8	5 1/2	15.50	5650	

SEE ATTACHED

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

DATE: 11/14/85
 BY: John F. Bura
 WELL SPACING: 6-3(C)

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: 10/30/85

(This space for Federal or State office use)

PERMIT NO. 43-037-31220 APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

COMPANY CHUSKA ENERGY COMPANY

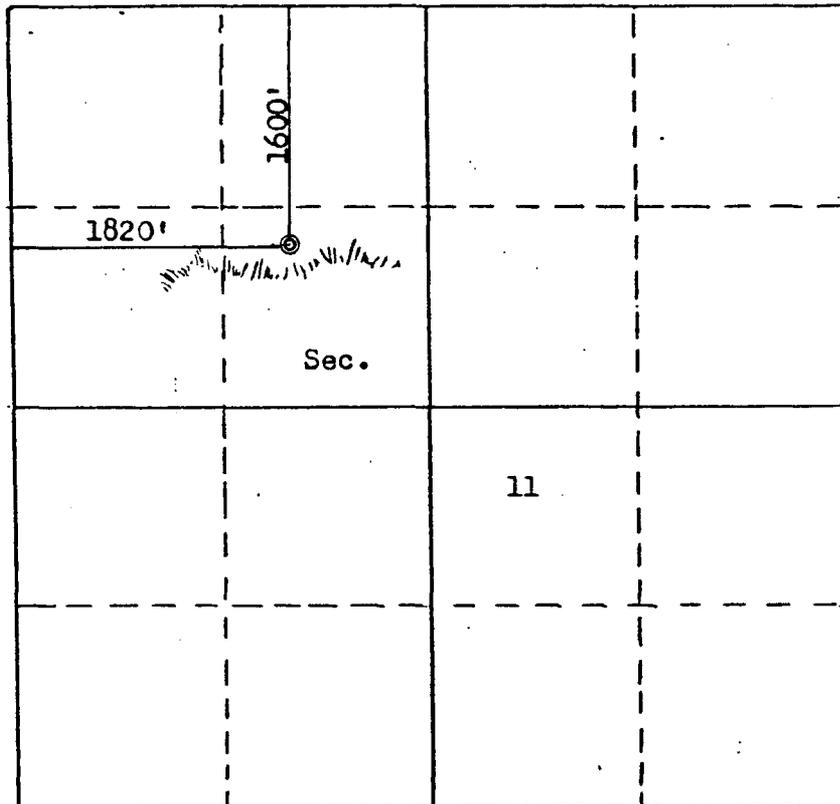
LEASE NAVAJO TRIBAL "A" WELL NO. 22-11

SEC. 11, T. 42S, R. 24E

County: San Juan State: Utah

LOCATION 1600'FNL 1820'FWL

ELEVATION 4784 ungraded ground



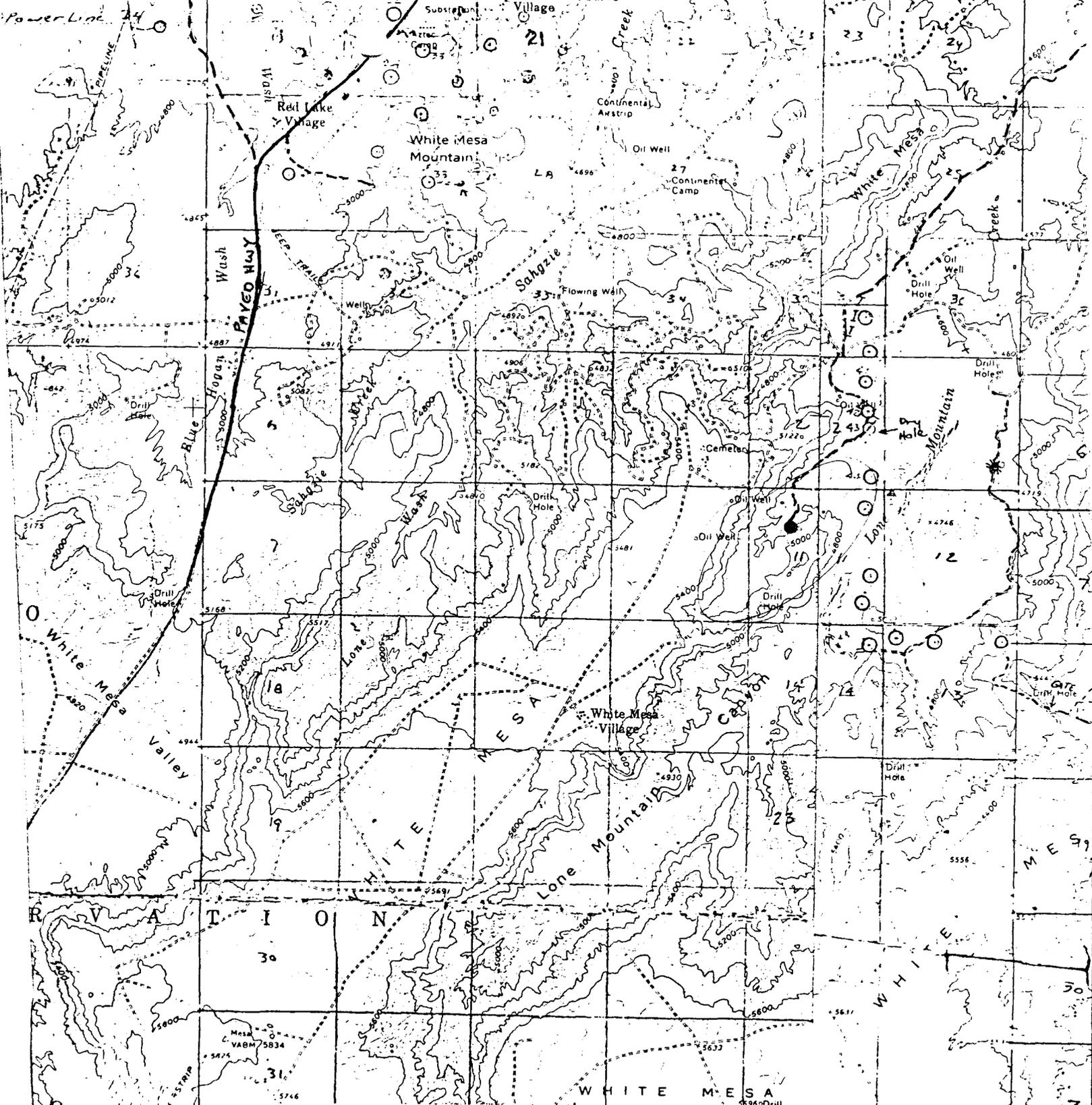
SCALE—4 INCHES EQUALS 1 MILE

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.

SCALE

Registered Land Surveyor
Fred B. Kerr Jr.
#3950

SURVEYED October 1 1985



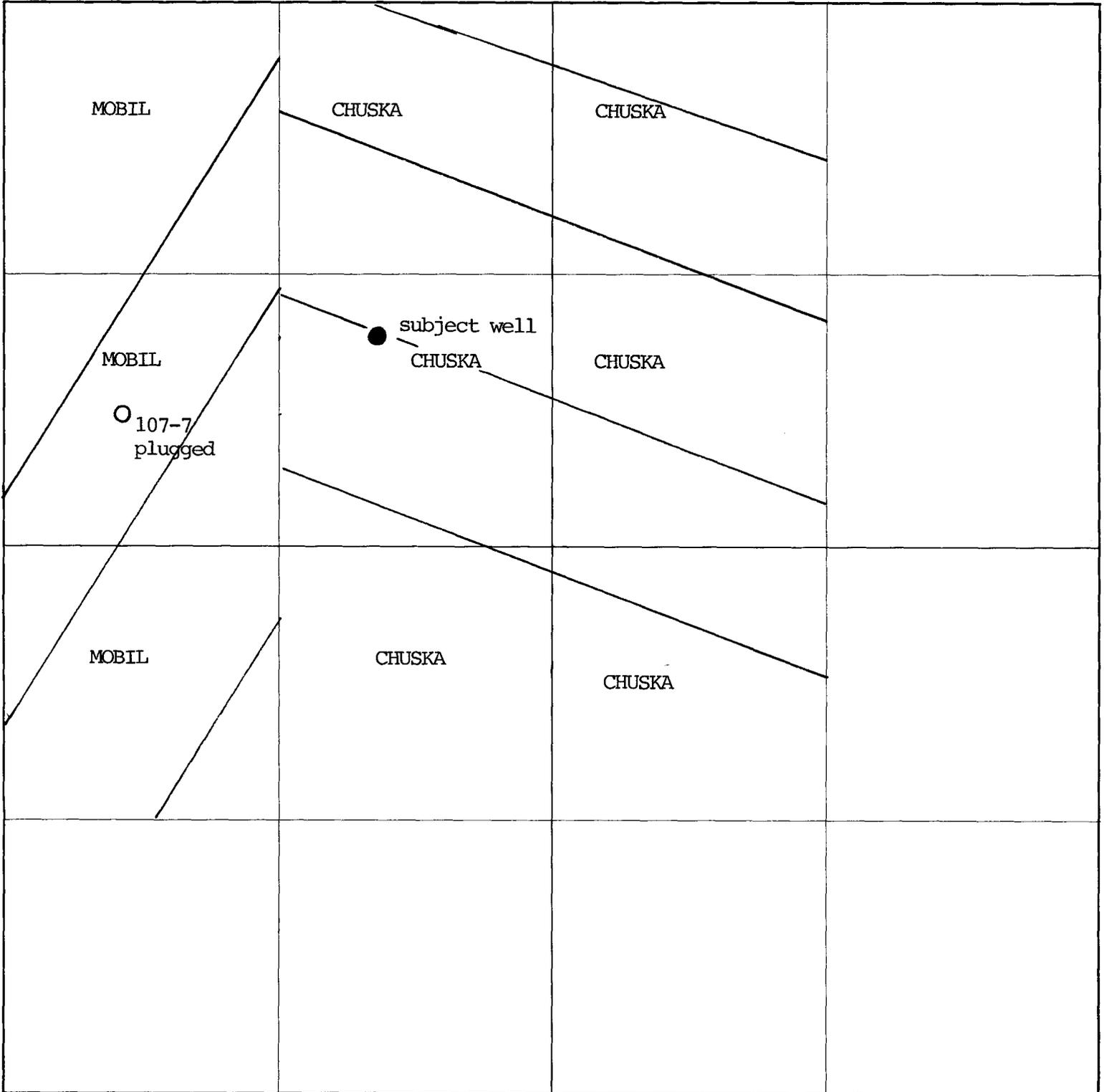
Vicinity Map for
 CHUSKA ENERGY COMPANY #22-11 NAVAJO TRIBAL "A"
 1600'FNL 1820'FWL Sec. 11-T42S-R24E
 SAN JUAN COUNTY, UTAH

Drill holes

Offset Wells and Operators

Chuska Energy Co.
Navajo Tribal A No. 22-11
1600' FNL and 1820' FWL

SECTION 11 TOWNSHIP 42S RANGE 24E COUNTY San Juan STATE Utah



COMPANY CHUSKA ENERGY COMPANY

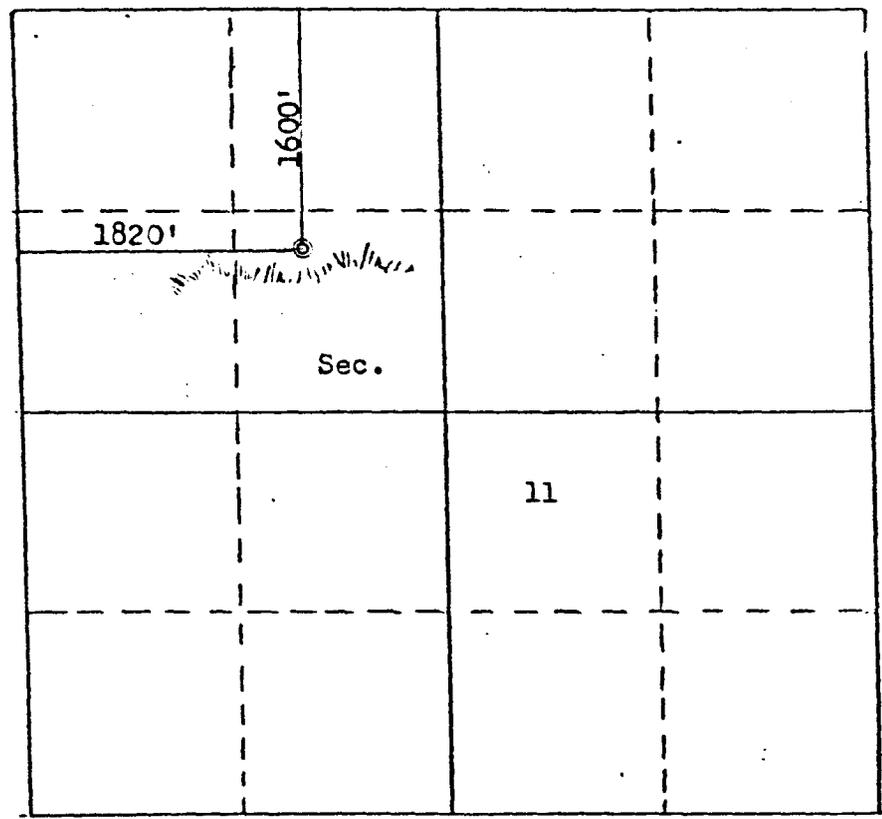
LEASE NAVAJO TRIBAL "A" WELL NO. 22-1

SEC. 11 T. 42S R. 24E

County: San Juan State: Utah

LOCATION 1600'FNL 1820'FWL

ELEVATION 4784 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

Fred B. Kerr Jr.
 Registered Land Surveyor
 Fred B. Kerr Jr.
 13950

SURVEYED October 1 19 85

FORMATION INFORMATION AND
DRILLING PRACTICES

CHUSKA ENERGY COMPANY
Navajo Tribal A No. 22-11
1600' FNL & 1820' FWL
Section 11, T42S, R24E
San Juan County, Utah

1. Surface Formation: Bluff Sandstone

2. Estimated Formation Tops:

Chinle	1259'
DeChelly	2469'
Organ Rock	2715'
Hermosa	4409'
Upper Ismay	5267'
Lower Ismay	5390'
Desert Creek	5446'
T.D.	5650'

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

Oil	5446'
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4. Proposed Casing Program:

0-80' 13 3/8", 54.5 lb./ft., ST & C J-55 new casing; cement with 120 cu. ft. Class "B" + 2% CaCl₂ + 1/4 lb. celophane flakes per sack.

0-1600' 8 5/8", 24 lb./ft., ST & C K-55 new casing; cement with 800 cu. ft. 65-35 poz mix + 2% CaCl₂. Cement will be brought to surface.

0-5650' T.D. 5 1/2", 15.5 lb./ft., ST & C K-55 new casing; cement with 450 cu. ft. 50-50 poz mix + 2% CaCl₂ + 10% salt + 0.8% fluid loss additive. Cement top at 4000'. Second stage tool at 2800'. Cement with 750 cu. ft. Class "B" with 4% gel. Cement to surface.

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:

<u>DEPTH</u>	<u>TYPE</u>	<u>VIS.</u>	<u>WEIGHT</u>	<u>FLUID USAGE</u>
0-1600'	Gel-lime	35-45	9.0	Not controlled
1600-4000'	Gel-chem	35-45	9.5	15cc
4000-5650'	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.

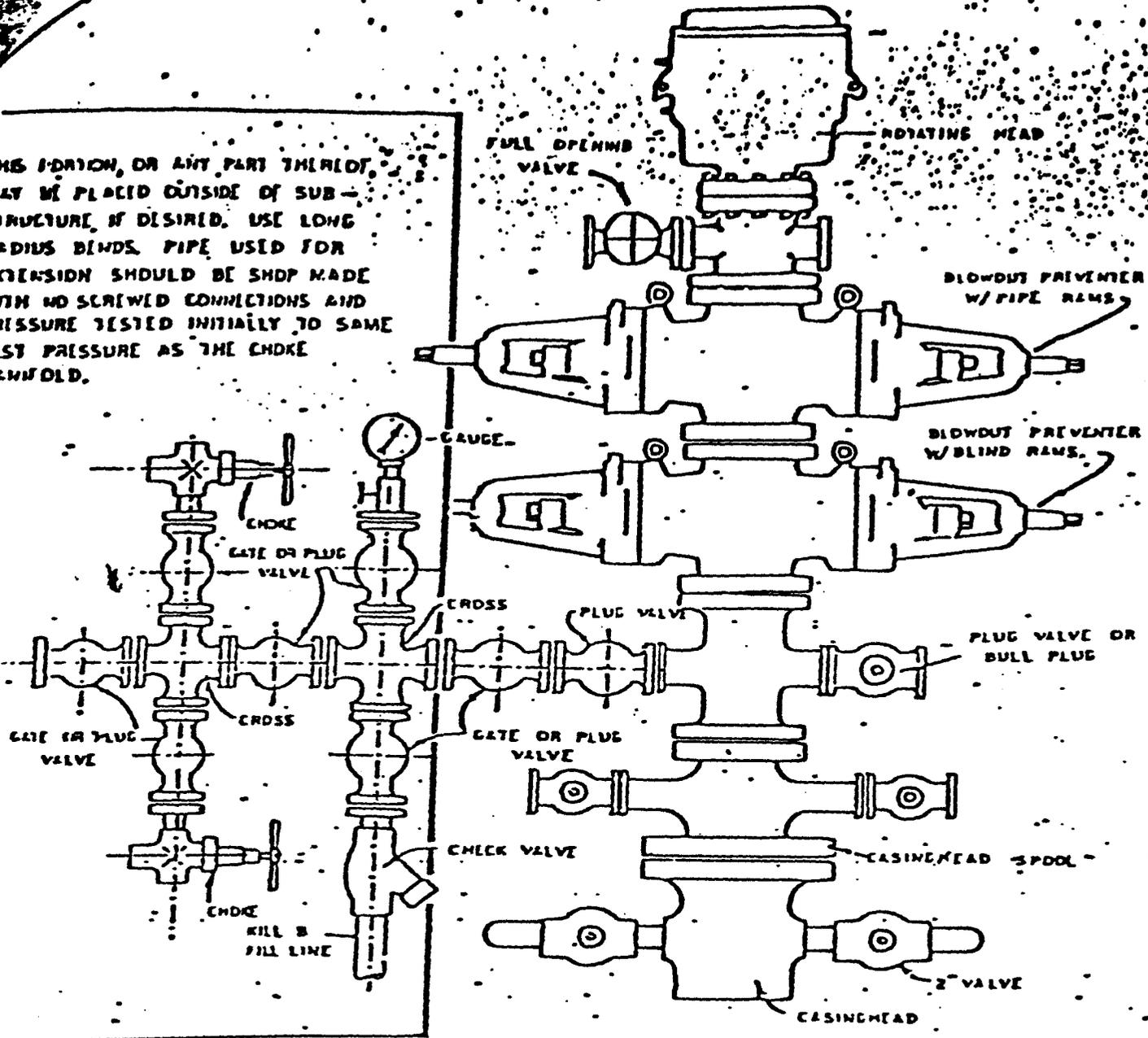
9. Abnormal Temperatures, Pressures or Potential Hazards:

None expected.

10. Starting Date:

Anticipated starting date is November 15, 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 CHOKER ASSEMBLY.



BLOWOUT PREVENTER HOOKUP

SURFACE USE PLAN

CHUSKA ENERGY COMPANY
Navajo Tribal A No. 22-11
1600' FNL & 1820' FWL
Section 11, T42S, R24E
San Juan County, 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 5000 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 laid in the new access road and will follow the existing road to a tie-in in NW/NE 2-42S-24E. This line will initially be laid on the surface and later buried.

5. Location and Type of Water Supply:

Water will be trucked from the San Juan River, 10 miles 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 non burnable 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 well site 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 drill site 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 non burnable material and any chemicals that may have accumulated on the pits while drilling. A burn permit will be acquired if necessary.

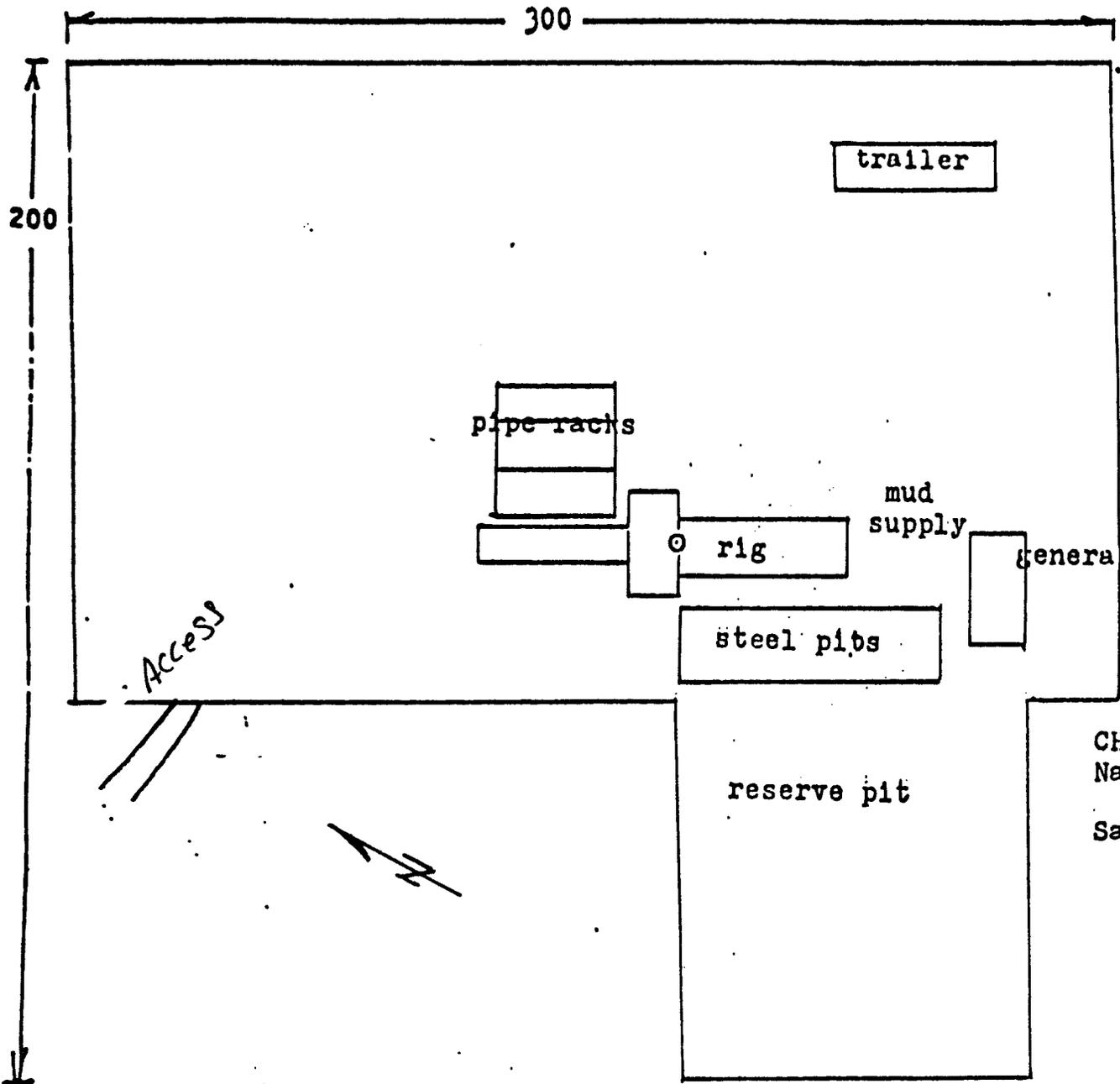
12. This location is approximately 10 miles South of the San Juan River. It is located on flat ground and covered with native weeds and grasses. No artifacts were found on the site. There are no residences in the area.

13. John Alexander
CHUSKA ENERGY COMPANY
P. O. Box 2118
Farmington, New Mexico 87499
(505) 326-5255

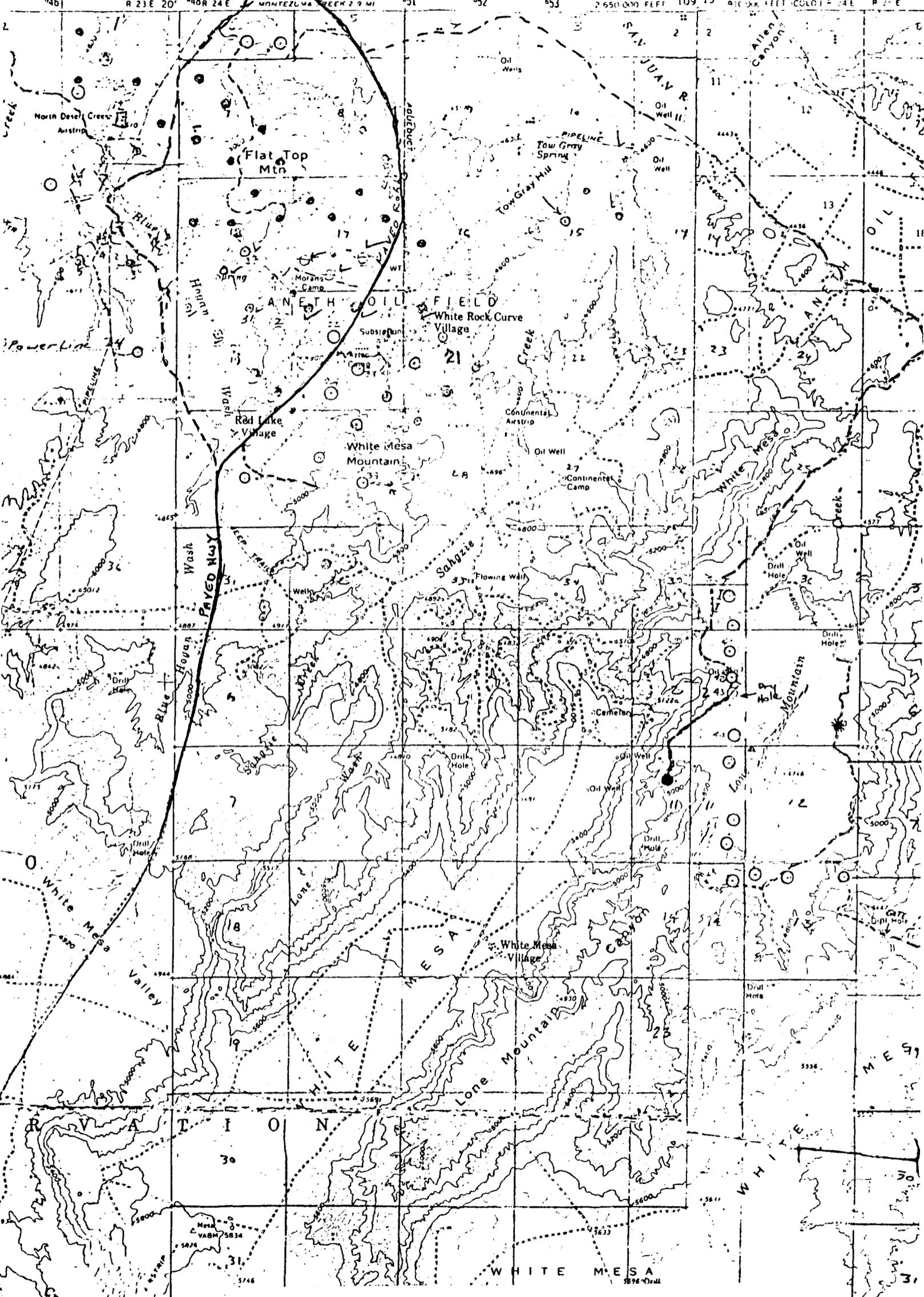
14. I hereby certify that I, or persons under by direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in the plan are, to the best of my knowledge, true and correct; and that the work associated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



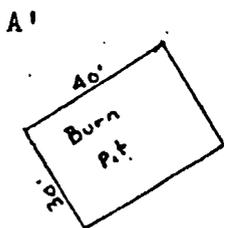
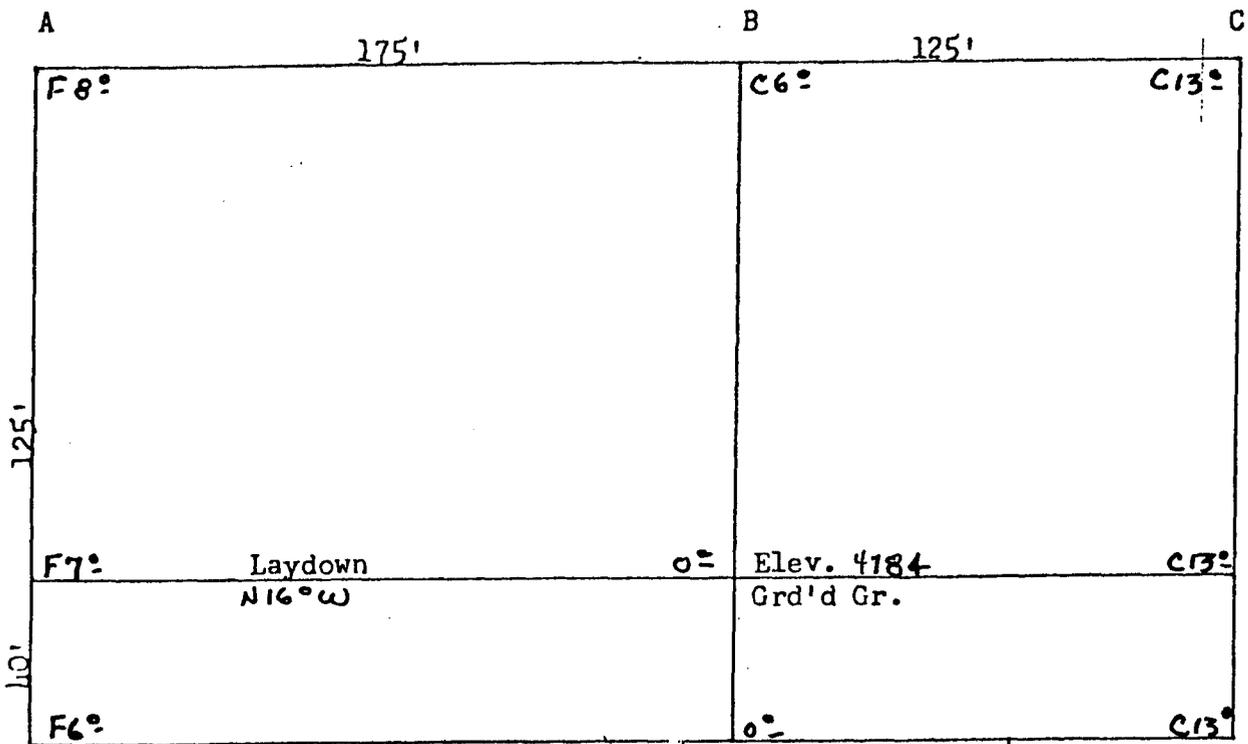
JOHN ALEXANDER
October 30, 1985



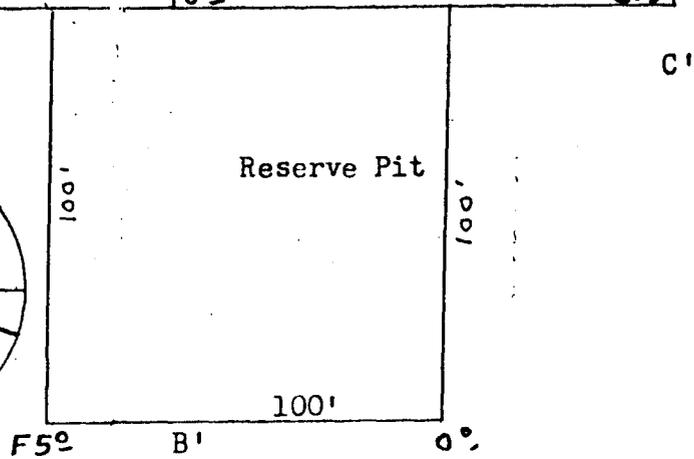
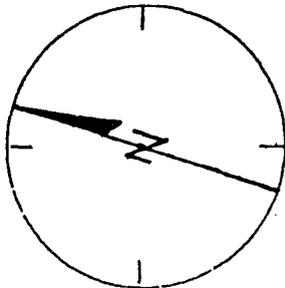
CHUSKA ENERGY CO.
Navajo Tribal
San Juan, Utah



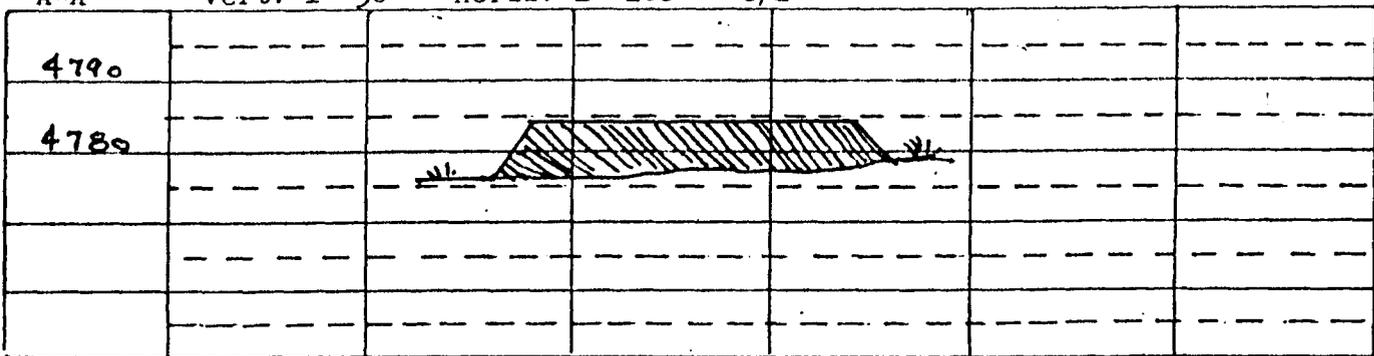
Vicinity Map for
CHUSKA ENERGY COMPANY #22-11 NAVAJO TRIBAL "A"
1600'FNL 1820'FWL Sec. 11-T42S-R24E
SAN JUAN COUNTY, UTAH



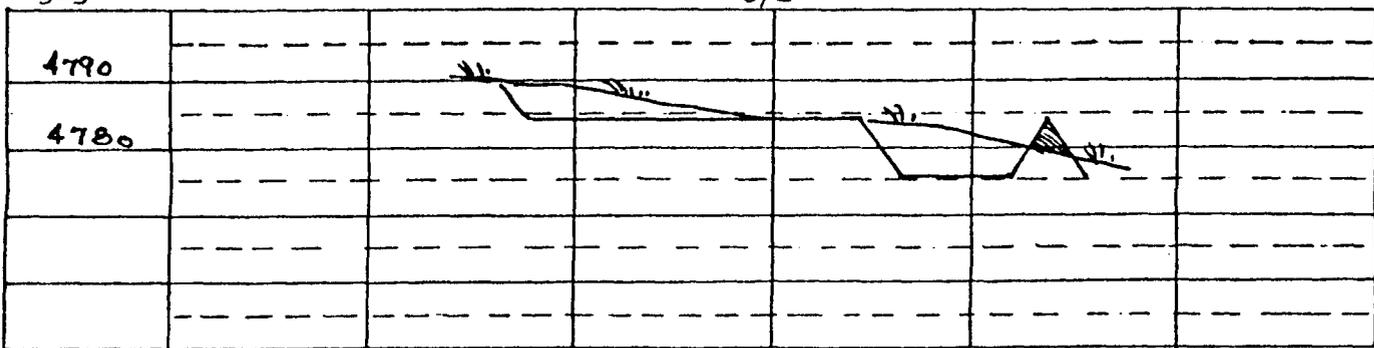
Scale: 1"=50'



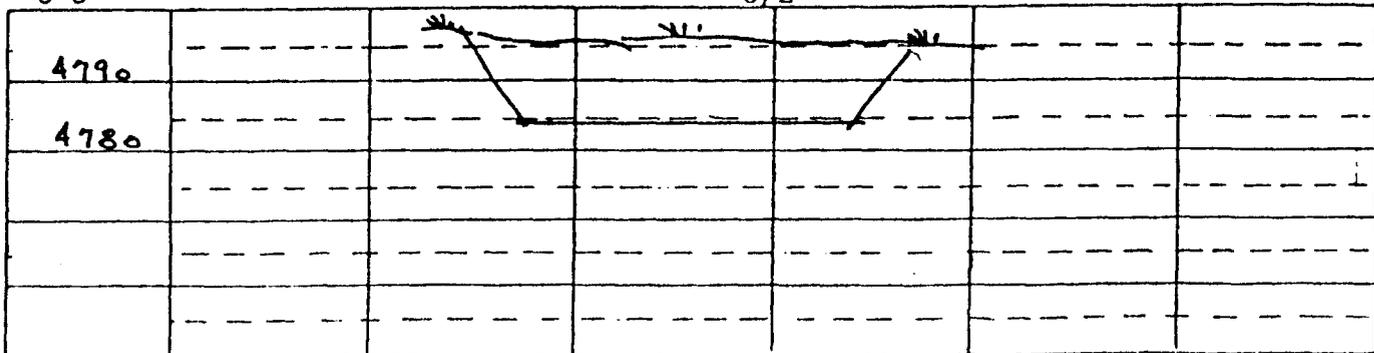
A-A' Vert: 1"=30' Horiz: 1"=100' C/L



B-B' C/L



C-C' C/L



OPERATOR Chuska Energy Co. DATE 11-5-85

WELL NAME Navajo Tribal A 22-11

SEC SE NW 11 T 42S R 24E COUNTY San Juan

43-037-31220
API NUMBER

Indian
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

No other well within 1000'
Need water permit
Exception location

APPROVAL LETTER:

SPACING:

A-3

UNIT

c-3-a

CAUSE NO. & DATE

c-3-b

c-3-c

STIPULATIONS:

1- Water
2- Exception location



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

November 14, 1985

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

Gentlemen:

Re: Well No. Navajo Tribal A 22-11 - SE NW Sec. 11, T. 42S, R. 24E
1600' FNL, 1820' 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 as required by Chapter 3, Title 73, Utah Code Annotated.
2. Submittal to the Division of information justifying the necessity for an exception location and verification of ownership within a radius of 500 feet of the proposed location.

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

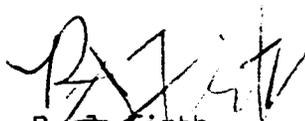
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. 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 22-11
November 14, 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.

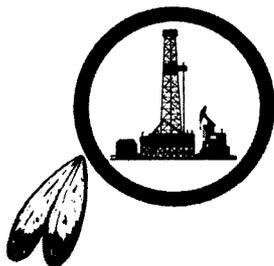
The API number assigned to this well is 43-037-31220.

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

November 11, 1985

RECEIVED

NOV 18 1985

**DIVISION OF OIL
GAS & MINING**

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

Re: Request for Non-Standard Location
Chuska Energy Company
Navajo Tribal A No. 22-11
1600' FNL & 1820' FWL
Section 11, T42S, R24E
San Juan County, Utah

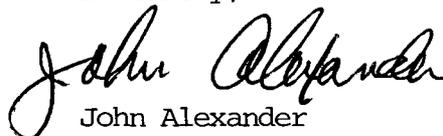
Gentlemen:

Chuska Energy requests permission for an unorthodox location of the subject well. The request is based on topography.

The offset operators have been notified by certified mail.

Attached are plats, of offset wells, operators and topographic restrictions.

Sincerely,


John Alexander

JA/bc

enclosures

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

API #43-037-31220

NAME OF COMPANY: CHUSKA ENERGY COMPANY

WELL NAME: NAVAJO TRIBAL A 22-11

SECTION SE NW 11 TOWNSHIP 42S RANGE 24E COUNTY San Juan

DRILLING CONTRACTOR Veco Drilling

RIG # 3

SPUDED: DATE 12-14-85

TIME 2:00 AM

HOW Rotary

DRILLING WILL COMMENCE _____

REPORTED BY John Alexander

TELEPHONE # (505) 326-5525

DATE 12-16-85 SIGNED JRB

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPL
(Other instructions
verse 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.

22-11

10. FIELD AND POOL, OR WILDCAT

Aneth

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

11 - 42S - 24E

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 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface 1600' FNL & 1820' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4784' GR

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.)*

Drilled 12 1/4" hole to 1290'. Ran 8 5/8" 24.0 lb./ft. casing to 1276'. Cemented with 723 cu. ft. Halliburton Light with 1/2 lb. Flocele/Sk followed by 236 cu. ft. Class "B" with 2% CaCl₂ and 1/2 lb. Flocele/Sk. Cement circulated to surface. Job Complete 12/16/85.

RECEIVED

DEC 20 1985

DIVISION OF OIL
GAS & MINING

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

SIGNED John Alexander TITLE Vice-President DATE 12/17/85

(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 TRIP
(Other instruction. A re-
verse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

OIL WELL GAS WELL OTHER

RECEIVED

2. NAME OF OPERATOR

Chuska Energy Company

JAN 20 1986

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 Division of Oil
& Gas & Mining
See also space 17 below.)
At surface

1600' FNL & 1820' FWL

14. PERMIT NO.

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

4784' GR

6. 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.

22-11

10. FIELD AND POOL, OR WILDCAT

Aneth

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

11 - 42S - 24E

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:

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.)

Drilled to 5636' t.d. on 12/31/85. Ran open hole logs. Will plug well with Class "B" cement as follows:

5224'-5324'	35 cu. ft.	Upper Ismay
4361'-4461'	35 cu. ft.	Hermosa
2460'-2560'	35 cu. ft.	DeChelly
1256'-1356'	30 cu. ft.	Surface Pipe
0'-50'	19 cu. ft.	Surface plug

A dry hole marker will be installed.

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

SIGNED

John Alexander
John Alexander

TITLE

Vice-President

DATE 1/13/86

(This space for Federal or State office use)

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

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

*See Instructions on Reverse Side

DATE: 1-22-86

BY: *John R. Daza*

EXPRESS MAIL ROUTING SLIP

PAM
TAMI
VICKY
CLAUDIA
STEPHANE
CHARLES
RULA
MARY ALICE
CONNIE
MILLIE

~~1-23 8:00~~
~~1-23 8:30~~
~~10:30~~
~~1-23 10:59~~
~~1-23 12:41~~
~~CA 1-23 12:55~~
~~AM 1-23 2:00~~
~~MAP 1-23 2:49~~
~~80 1-23 2:50~~
~~WLS 1-24 11:30~~

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 requirements)*
At surface 1600' FNL & 1820' FWL *se nw*
At top prod. interval reported below SAME
At total depth SAME

14. PERMIT NO. 43-037-31220 DATE ISSUED 11-14-85

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.
22-11

10. FIELD AND POOL, OR WILDCAT
~~Armeth~~ Undesignated

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
11 - 42S - 24E

12. COUNTY OR PARISH San Juan 13. STATE Utah

15. DATE SPUDDED 12/14/85 16. DATE T.D. REACHED 12/31/85 17. DATE COMPL. (Ready to prod.) P & A 1-1-86 18. ELEVATIONS (DF, RKB, RT, OR, ETC.)* 4796' KB 19. ELEV. CASINGHEAD 4785'

20. TOTAL DEPTH, MD & TVD 5636' 21. PLUG, BACK T.D., MD & TVD N/A 22. IF MULTIPLE COMPL. HOW MANY* 23. INTERVALS DRILLED BY → 24. ROTARY TOOLS 0-5636 25. CABLE TOOLS 0

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

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, CNL-FDC, GR, Caliper 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	54.5	75	17 1/2	See attached	None
8 5/8	24.0	1276	12 1/4	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)
NA					N/A		

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
N/A	

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
	P & A 1-1-86	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 *860131*

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED *John Alexander* TITLE Vice-President DATE 1-13-86

*(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, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
				Chinle DeChelly Organ Rock Hermosa Upper Ismay Lower Ismay Gothic Shale Desert Creek	1306' 2510' 2748' 4411' 5274' 5391' 5433' 5466'	

Chuska Energy Co.
Navajo Tribal "A" 22-11
SE/NW 11 - 42S - 24E
San Juan Co., Utah

Attachment to Form 3160-4

CEMENT DATA

13 3/8" at 75'	148 cu. ft. Class "B", 3% CaCl ₂ , 1/4 lb. Flocele/Sk. Cement returned to surface.
8 5/8" at 1276'	723 cu. ft. 65/35 poz mix, 6% gel, 1/2 lb. Flocele/Sk; followed by 236 cu. ft. Class "B", 2% CaCl ₂ , 1/2 lb. Flocele/Sk. Cement returned to surface.

160-5
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erly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLIC
(Other instructions on
verse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1600' FNL & 1820' FWL

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.

22-11

10. FIELD AND POOL, OR WILDCAT

Aneth

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

11 - 42S - 24E

14. PERMIT NO.

4303731220

15. ELEVATIONS (Show whether DV, RT, OR, etc.)

4784' GR

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

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANE

(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 to 5336', t.d. on 12-31-85. Ran DIL, CNL, FDC open hole logs. Plugged well with Class "B" cement as follows:

5336'-5236'	47 cu. ft.	Upper Ismay
4452'-4352'	71 cu. ft.	Hermosa
2565'-2465'	89 cu. ft.	DeChelly
1329'-1229'	35 cu. ft.	Surface casing
0'-50'	19 cu. ft.	Surface plug

Installed dry hole marker. Job complete 1-01-86.

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

SIGNED

John Alexander
John Alexander

TITLE Vice-President

DATE 1/13/86

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

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

*See Instructions on Reverse Side

DATE: 1-22-86

BY: *John R. Bean*

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.



CHUSKA ENERGY COMPANY

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

February 4, 1986

RECEIVED
FEB 10 1986

Utah Oil & Gas Division
4241 State Office Building
Salt Lake City, Utah 84111

DIVISION OF
OIL, GAS & MINING

Attention: Mr. Norman Stout

Dear Mr. Stout:

Chuska recently sent open hole logs to your office on the Navajo Tribal "A" 22-11 located in the SE/4 NW/4 of Section 11, T42S, R24E, and the Navajo Tribal Well #43-11 located in the NE/4 SE/4 of Section 11, T42S, R24E, San Juan County, Utah. Please maintain the two wells on a confidential status for Chuska for a period of time allowed for holding the logs.

Thank you very much for your cooperation.

Sincerely,

CHUSKA ENERGY CO.

Henry W. Haven, Jr.,
Geologist

*2-13-86
Logs have been
filmed.
Henry spoke to
He does admit them.
Requesting confidential
status should letter
have been sent
earlier.*

Henry W. Haven, Jr.

HWH/bc

cc: George T. Bass

*Barolo
43-11
43-037-31221*

31220

*Logs not put on
Confidential Status*