

SUBJECT OF STATING (Not to be used in place of Application for Permit to Drill Form 3160-3)		6. Lease Number NIG-8308-1023	
1. Oil well <input checked="" type="checkbox"/> Gas well <input type="checkbox"/> Other <input type="checkbox"/> (Specify)		7. If Indian, Allottee or Tribe Name Navajo	
2. Name of Operator Chuska Energy Co		8. Unit Agreement Name	
3. Name of Specific Contact Person Larry Smith		9. Farm or Lease Name Navajo Tribal	
4. Address & Phone No. of Operator or Agent 505 326 5355 Box 2118 Farmington NM 87409		10. Well No. 32-21	
5. Surface Location of Well  Attach: a) Sketch showing road entry onto pad, pad dimensions, and reserve pit. b) Topographical or other accept- able map showing location, access road, and lease boundaries.		11. Field or Wildcat Name ANGLI	
15. Formation Objective(s) Desert Creek		12. Sec., T., R., M., or Blk and Survey or Area 1920 FEL 1820 FNL Sec 21THOS R2SE SAN JUAN CO Utah	
16. Estimated Well Depth 6000		13. County, Parish or Borough SAN JUAN	
14. State Utah			

17. Additional Information (as appropriate, must include surface owner's name, address, and telephone number)

Navajo Lands, Grazed by Permittee

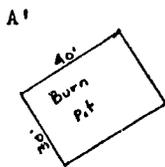
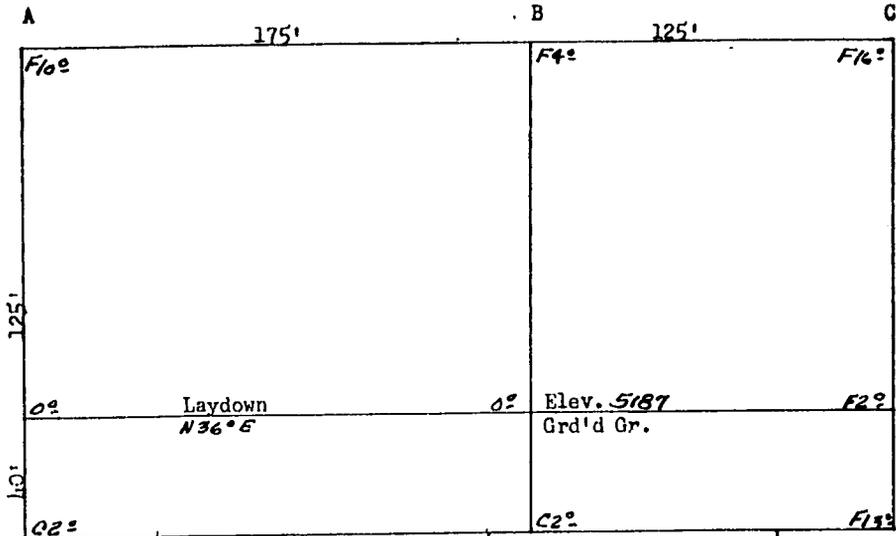
18. Signed Fredy Smith Title Field Supervisor Date 11/8/84

Note: Upon receipt of this notice, the Bureau of Land Management (BLM) will schedule the date of the onsite predrill inspection and notify you accordingly. The location must be stated and access road must be flagged prior to the onsite.

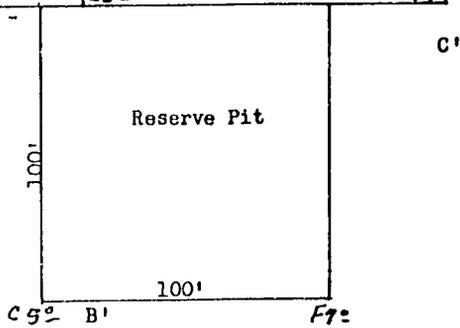
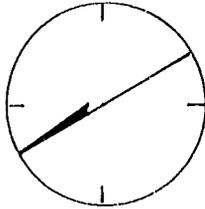
- Operators must consider the following prior to the onsite:
- a) H<sub>2</sub>S Potential
  - b) Cultural Resources (Archaeology)
  - c) Federal Right of Way or Special Use Permit



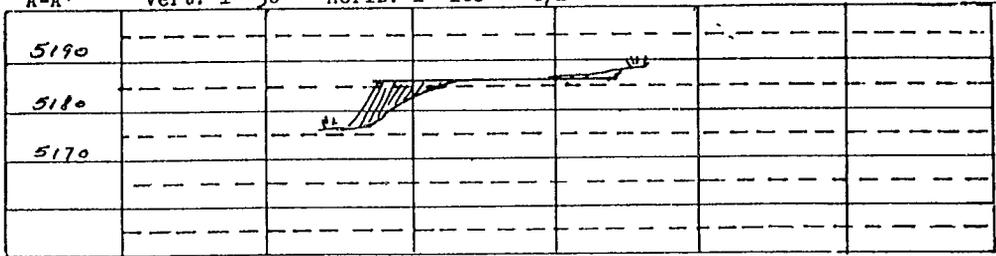
CHRYSLER ENERGY COMPANY #32-21 NAVAJO TRIBAL  
 18.00 FNL 1920 FEL Sec. 21-TLOS-R25E  
 SAN JUAN COUNTY, UTAH



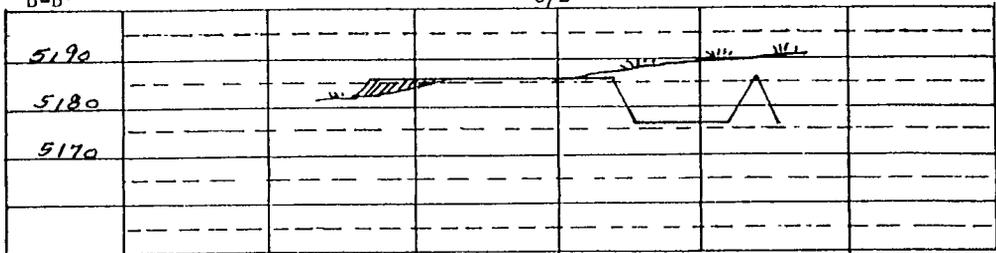
Scale: 1"=50'



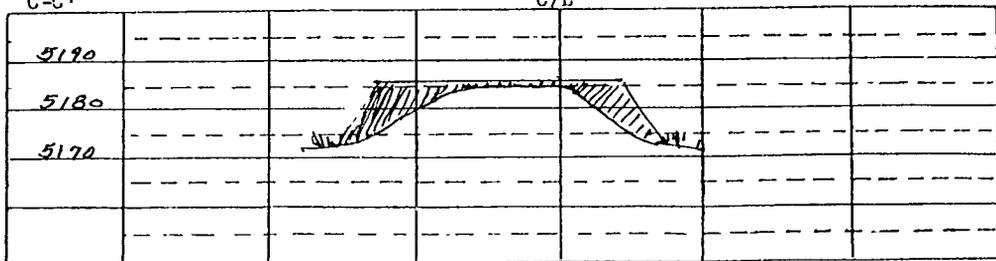
A-A' Vert: 1"=30' Horiz: 1"=100' C/L



B-B' C/L



C-C' C/L



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

6. TRACT DESIGNATION AND SERIAL NO.  
NOG-8308-1033

8. IF INDIAN, ALLOTTEE OR TRIBE NAME  
Navajo

7. UNIT AGREEMENT NAME

6. FARM OR LEASE NAME  
Navajo Tribal

9. WELL NO.  
32-21

10. FIELD AND POOL, OR WILDCAT  
GREAT ANETH

11. REC. T. R. M., OR B.L. AND SURVEY OR AREA  
Sec 21, T40S, 25E

12. COUNTY OR PARISH | 13. STATE  
San Juan | Utah

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 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 1820' FNL & 1920' FEL

At proposed prod zone same

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

16. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LFARE LINE, FT. (Also to nearest drilg unit line if any)  
10. 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.  
19. PROPOSED DEPTH 6165  
20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR etc)  
5187' GR  
22. APPROX DATE WORK WILL START\* December 20, 1984

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"	54.5	100	See Attached Cement informati
12 1/4"	8 5/8"	24	1300	
7 7/8"	5 1/2"	15.5	6165	

See Attached.

RECEIVED  
NOV 30 1984

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 12/15/84  
BY: John R. Day

DIVISION OF  
OIL, GAS & MINING

15. 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 sub-surface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Bret D. Cook TITLE Agent DATE November 21, 1984

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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

\*See Instructions On Reverse Side

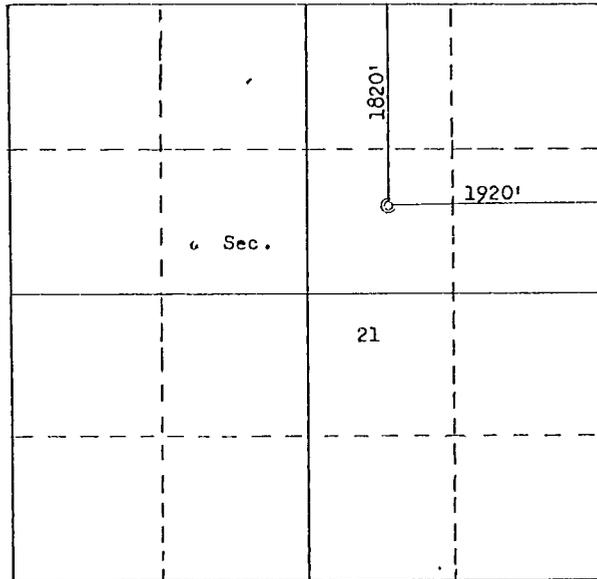
COMPANY CHUSKA ENERGY COMPANY

LEASE NAVAJO TRIBAL WELL NO. 32-21

SEC 21, T 10S, R 25E  
San Juan County, Utah

LOCATION 1820'FNL 1920'FEL

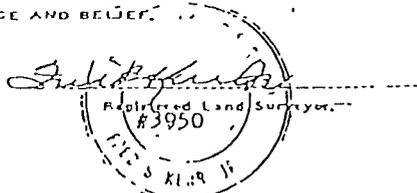
ELEVATION 5187 ungraded ground



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.

DEAL



SURVEYED November 1, 1984

FORMATION INFORMATION AND  
DRILLING PRACTICES

CHUSKA ENERGY CO.  
Navajo Tribal 32-21  
1820' FNL & 1920' FEL  
Sec 21, T40S, R25E  
San Juan Co., Utah

1. Surface Formation: Bluff Sandstone

2. Estimated Formation Tops:

Navajo	1235'
Organ Rock	3165'
Hermosa	5005'
Upper Ismay	5865'
Lower Ismay	5970'
Desert Creek	6045'
T. D.	6165'

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

Oil	5970'
Oil	6045'

4. Proposed Casing Program:

0-100' 13 3/8" 54.5 lb/ft, ST & C K-55 new casing; cement with 125 cubic feet Class "B" + 3% CaCl<sub>2</sub> + 1/4 lb Flocele per sack. Cement will be brought to surface.

0-1300' 8 5/8", 24 lb/ft, ST & C, K-55 new casing; cement with 775 cubic feet class "B" + 4% gel + 2% CaCl<sub>2</sub> + 1/2 lb flocele/sk; 325 cubic feet class "B" + 2% CaCl<sub>2</sub> + 1/4 lb Flocele/sk. Cement will be brought to surface.

0-6165'T.D. 5 1/2", 15.5 lb/ft, ST & C, K-55 new casing; cement with 450 cubic feet class "H" + 10 lb Cal-seal/sk + 10% salt + 0.6% fluid loss additive. Cement top at 4500'.

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 LOSS</u>
100-4000'	Gel-chem	35-45	9.5	15cc
4000-6165'	Low solids	45-50	10.0	9cc

7. Auxiliary Equipment:

- a. Bit float
- b. 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

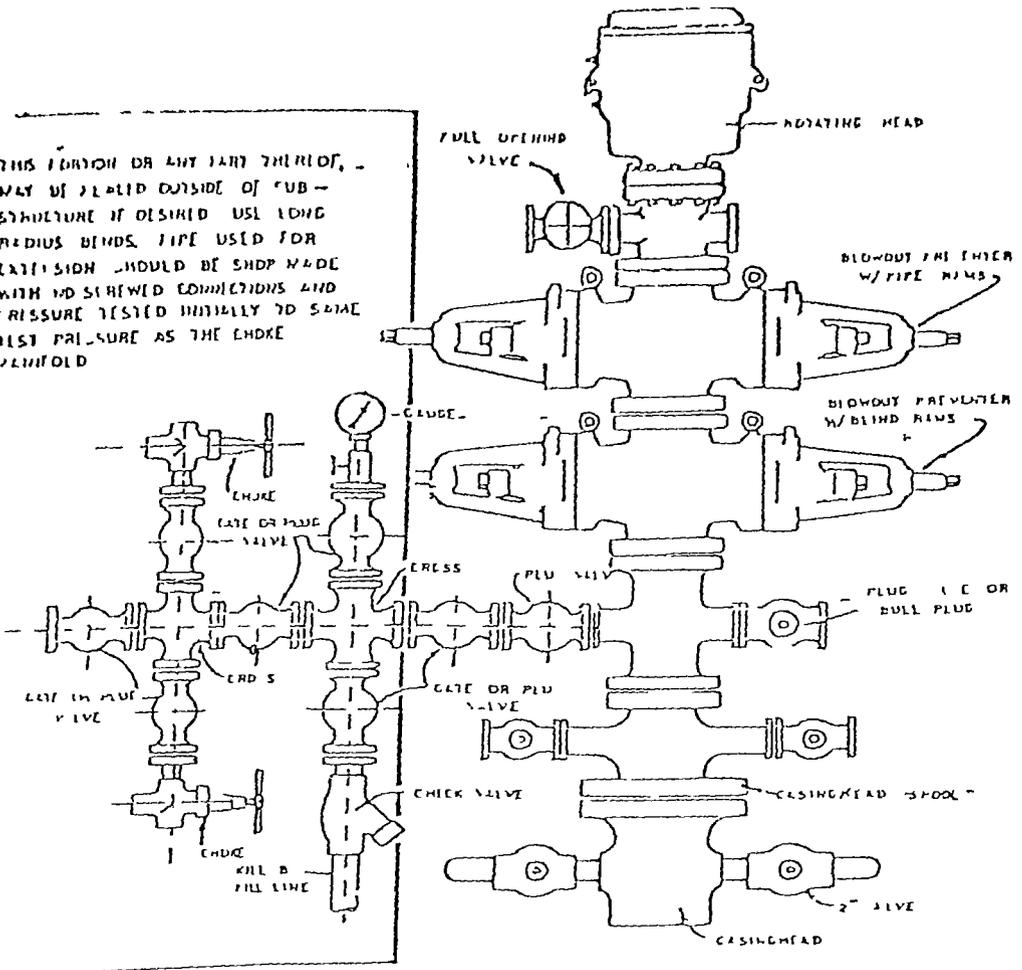
9. Abnormal Temperatures, Pressures or Potential Hazards:

None Expected

10. Starting Date:

Anticipated starting date is December 20, 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 PORTION OR ANY PART THEREOF, MAY BE PLACED OUTSIDE OF TUB - STRUCTURE IF DESIRED USE LONG RADIUS BENDS. PIPE USED FOR EXTENSION SHOULD BE SHOP MADE WITH NO SWEWED CONNECTIONS AND PRESSURE TESTED INITIALLY TO SAME TEST PRESSURE AS THE END OF WELDFIELD



BLOWOUT PREVENTER HOOKUP

SURFACE USE PLAN

CHUSKA ENERGY CO.  
Navajo Tribal 32-23  
1820' FNL & 1920' TEL  
Sec 21, T40S, R25E  
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 an existing dirt road.

2. Planned Access Road (shown in red)

The new access road will run northeast from an existing road approximately 1/2 mile 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, 5 miles South of the location.

6. Source of Construction Materials

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

7. Methods of Handling Waste Disposal

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

8. A portable chemical toilet will be supplied for human waste.
9. Ancillary Facilities - No ancillary facilities are planned.
10. Well Site Layout - The attached layout shows the drilling rig with all associated facilities. Cut and fill required is also indicated.
11. Plans for Restoration of Surface

Restoration of the wellsite and access road will begin within 90 days of well completion, weather permitting, and if required by private land owner. Should well be abandoned, the drilling site will be reshaped to its approximate former contour. The access road will be plowed up and leveled. Both drillsite and road will have any topsoil replaced and will be reseeded when germination of seeds can take place. In either case, cleanup of the site will include 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. This location is located 1 mile east of Hovenweep National Monument. The area is hilly and covered with native weeds and grasses. No artifacts were found at the site. There are no residences in the area.

13. John Alexander  
3E Company, Inc.  
P.O. Box 190  
Farmington, UT 87499  
Phone: 505-326-1135

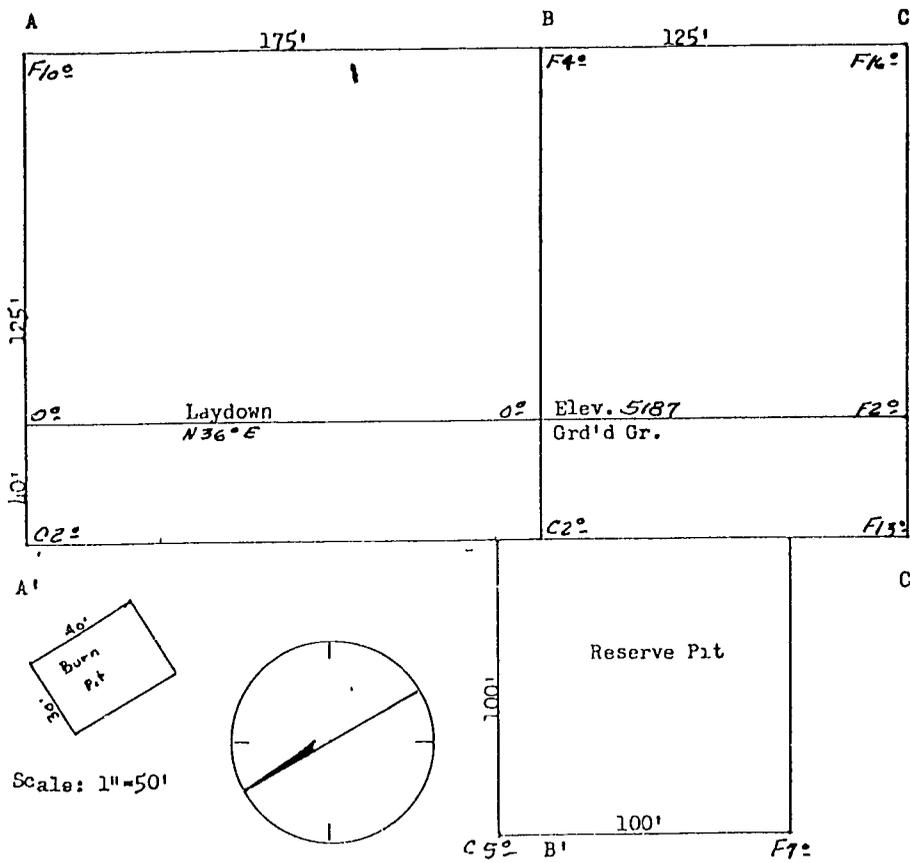
*Chandler  
505-326-5523*

14. I hereby certify that I, or persons under by 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.

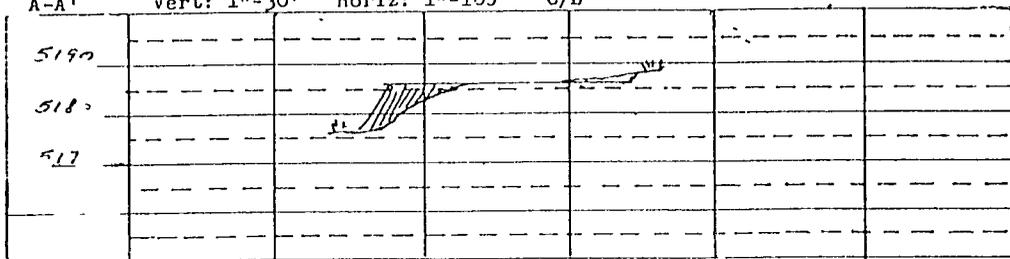
  
-----  
JOHN ALEXANDER  
November 21, 1984

JA:kj

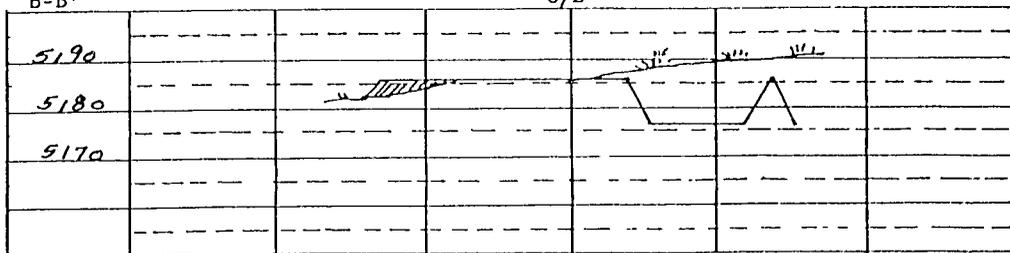
CHUSKA ENERGY COMPANY #32-21 NAVAJO TRIBAL  
 O'FNL 1920' FEL Sec. 21-T40S-R2  
 SAN JUAN COUNTY, UTAH



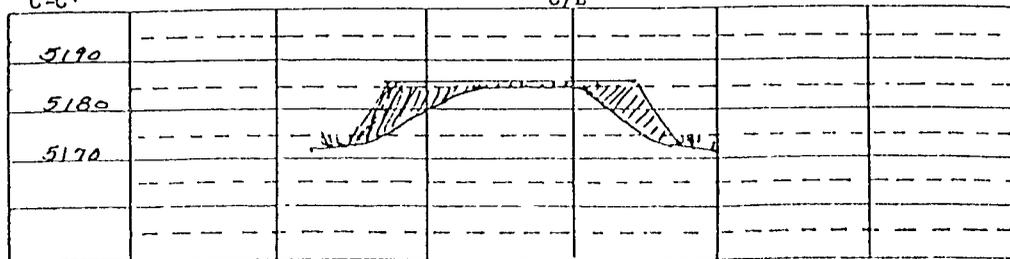
A-A' Vert: 1"=30' Horiz: 1"=100' C/L



B-B' C/L



C-C' C/L





OPERATOR Chuska Energy DATE 12-4-84

WELL NAME Navajo Tribal # 32-21

SEC SW NE 21 T 40S R 25E COUNTY San Juan

43-637-3113  
API NUMBER

Indian  
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

No other wells within 1000'  
Water - per Navajo (Water Rights)

APPROVAL LETTER:

SPACING:  A-3 \_\_\_\_\_ UNIT

c-3-a \_\_\_\_\_ CAUSE NO. & DATE

c-3-b

c-3-c

STIPULATIONS:

1 - BOP - 3000 psi - 8 5/8" ody



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Scott M. Matheson Governor  
Temple A. Reynolds Executive Director  
Dianne R. Nielson Ph.D. Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

December 5, 1984

Chuska Energy Company  
c/o BE Company, Inc.  
P. O. Box 190  
Farmington, New Mexico 87401

Gentlemen:

Re: Well No. Navajo Tribal #32-21 - SW NE Sec. 21, T. 40S, R. 25E  
1820' FNL, 1920' FEL - San Juan County, Utah

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. Blowout prevention equipment with a minimum of 3000 psi working pressure should be used after drilling out of 8 5/8" casing.

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

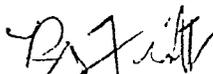
1. Spudding notification to the Division within 24 hours after drilling operations commenci.
2. Submittal to the Division of completed Form DGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well.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

Chuska Energy  
Well No. Navajo Tribal #32-21  
December 5, 1984  
Page 2

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 43-037-31113.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

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

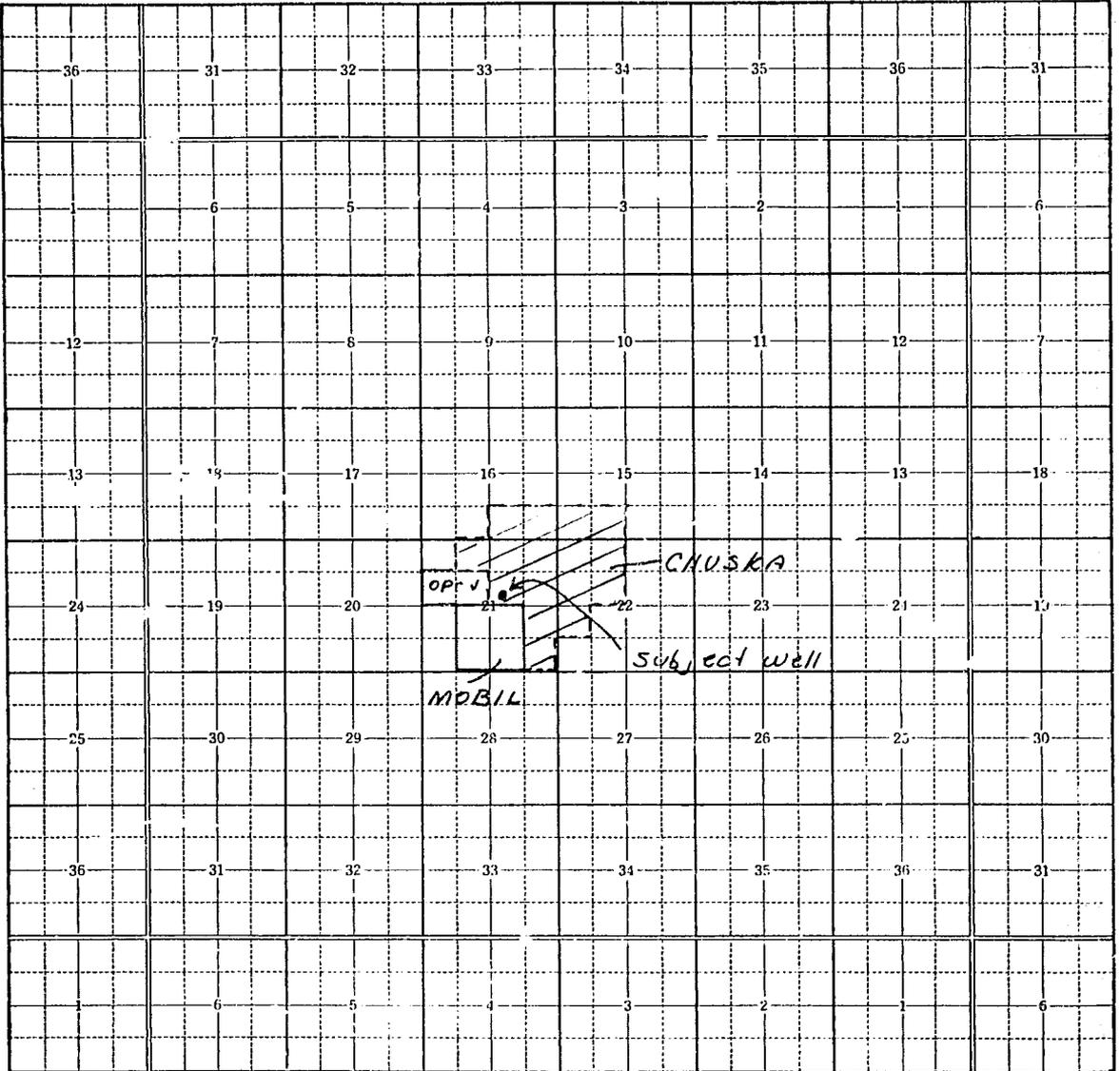


# OFF-SET OPERATORS

## CHUSKA ENERGY CO. - NAVAJO TRIBAL 32-21

Township: 40S, Range: 25E, County: SAN JUAN, State: UTAH

Island Township Plat



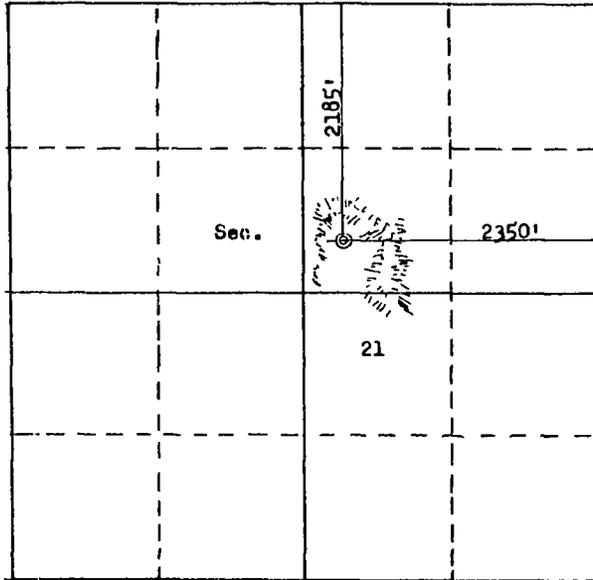
COMPANY OHUSKA ENERGY COMPANY

LEASE NAVAJO TRIBAL WELL NO. 32-21

SEC. 21, T. 10S, R. 25E  
San Juan County, Utah

LOCATION 2185' E N L 2350' E E L

ELEVATION 5060 ungraded ground

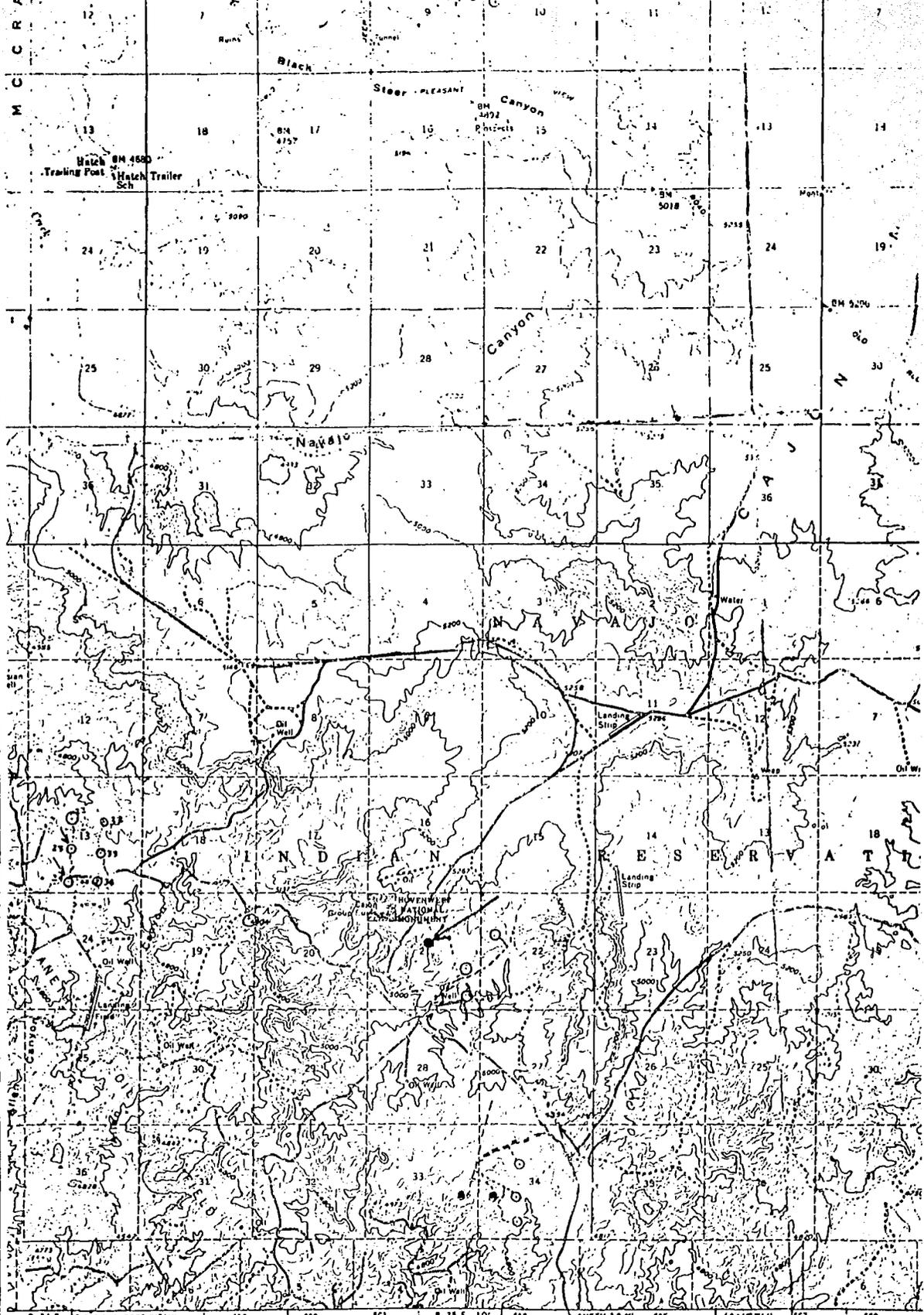


SCALE—4 INCHES EQUALS 1 MILE

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

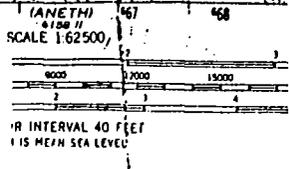
*Julius B. ...*  
Admitted Land Surveyor,  
#3950  
MAY 3 1938  
SURVEYED November 29, 1981



edited, and published by the Geological Survey  
 USGS and USC&GS  
 y from aerial photographs by photogrammet  
 rographs taken 1955 Field check 1958  
 projection 1927 North American datum  
 31 grids based on Utah coordinate system, s  
 400 coordinate system, south zone  
 Universal Transverse Mercator grid ticks,  
 in blue  
 d lines indicate approximate locations  
 elevations are shown in brown

Vicinity Map for  
**CHUSKA ENERGY COMPANY #32-21 NAVAJO TRIBAL**  
 2185'FNL 2350'FEL Sec. 21-T40S-R25E  
 SAN JUAN COUNTY, UTAH

UTM GRID AND 1958 MAGNETIC NORTH  
 DECLINATION AT CENTER OF SHEET



THIS MAP IS AVAILABLE WITH NATIONAL MAP BUYER'S STATISTICS  
 FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON  
 A FOLDER DESCRIBING THIS CARTOGRAPHIC MAP AND ANIMALS IS AVAILABLE ON RE...

AMENDED

Form 3160-3  
(November 1983)  
(former), 9-331C)

SUBMIT IN THIS DATE\*  
(Other instructions on reverse side)

Form approved  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

5 LEASE DESIGNATION AND SERIAL NO  
NOG-8308-1033

6 IF INDIAN, ALLOTTEE OR TRIBE NAME  
NAVAJO

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APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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SINGLE ZONE  MULTIPLE ZONE

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3 ADDRESS OF OPERATOR  
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DIVISION OF OIL GAS & MINING

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40

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5060' GR

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November 20, 1985

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SEE ATTACHED.

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 10/13/85  
BY: John K. Bala

19 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 September 19, 1985  
JOHN ALEXANDER  
(This space for Federal or State office use)

PERMIT NO \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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

\*See Instructions On Reverse Side

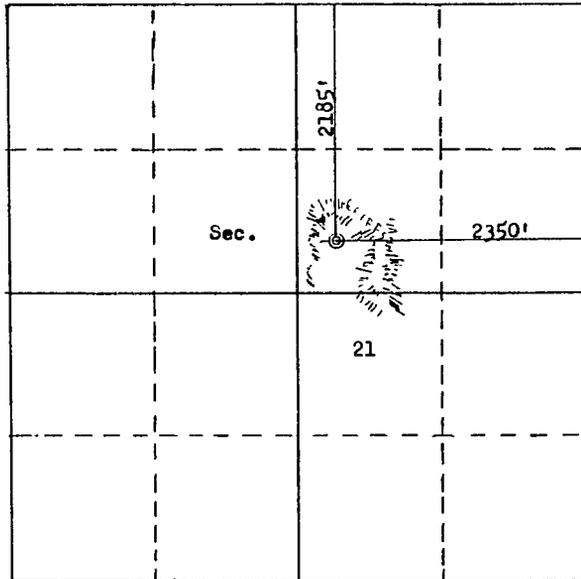
COMPANY CHUSKA ENERGY COMPANY

LEASE NAVAJO TRIBAL WELL NO. 32-21

SEC 21, T 40S, R 25E  
San Juan County, Utah

LOCATION 2185'FNL 2350'FEL

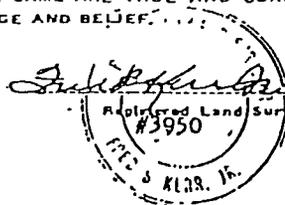
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SEAL:



SURVEYED November 29, 1984

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DRILLING PRACTICES

CHUSKA ENERGY COMPANY  
Navajo Tribal 32-21  
2185' FNL & 2350' FEL  
Section 21, T40S, R25E  
San Juan County, Utah

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0-6165'T.D. 5 1/2", 15.5 lb/ft, ST & C, K-55 new casing; cement with 450 cubic feet class "H" + 10 lb Cal-seal/sk + 10% salt + 0.6% fluid loss additive. Cement top at 4500'.

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 LOSS</u>
100-4000'	Gel-chem	35-45	9.5	15cc
4000-6165'	Low solids	45-50	10.0	9cc

7. Auxiliary Equipment:

- a. Bit float
- b. 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

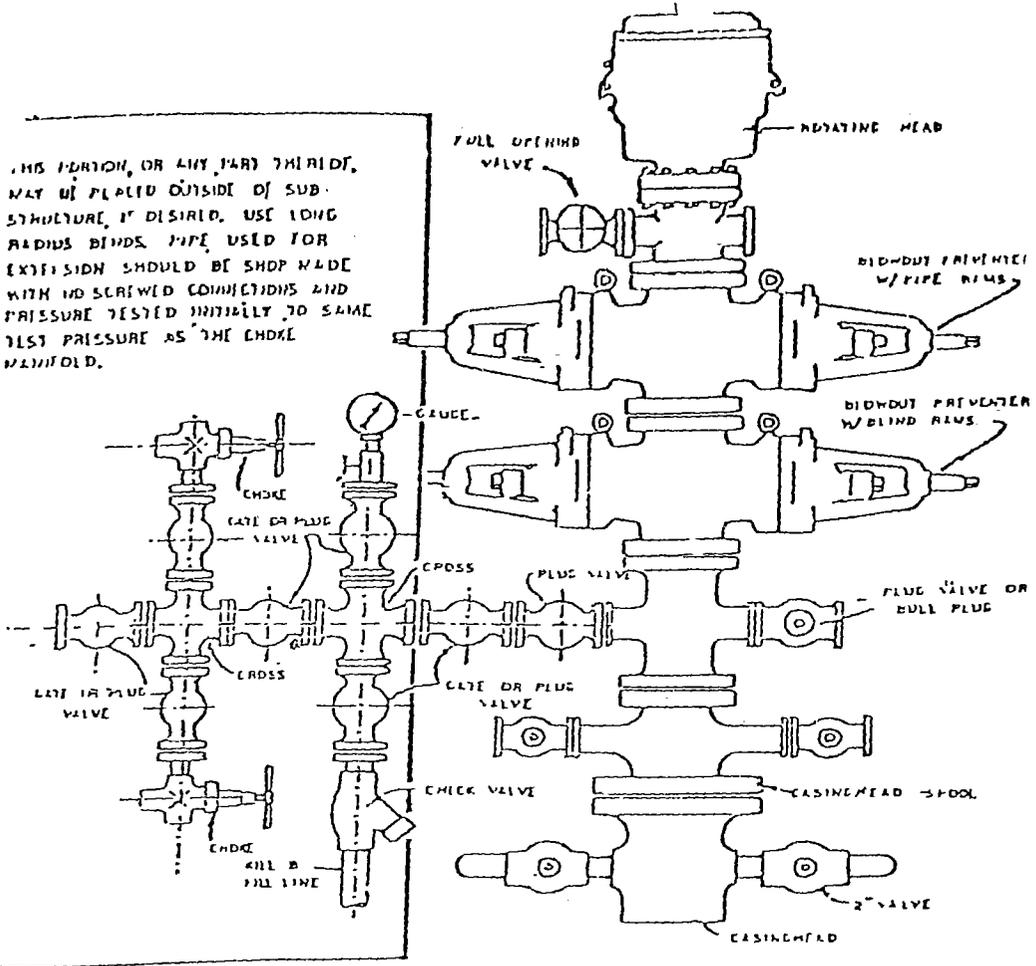
9. Abnormal Temperatures, Pressures or Potential Hazards:

None Expected

10. Starting Date:

Anticipated starting date is November 20, 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 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 MANIFOLD.



BLOWOUT PREVENTER HOOKUP

**SURFACE USE PLAN**

**CHUSKA ENERGY COMPANY  
Navajo Tribal 32-21  
2185' FNL & 2350' FEL  
Section 21, T40S, R25E  
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 an existing dirt road.

2. Planned Access Road (shown in red)

The new access road will run northeast from an existing road approximately 1/2 mile 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, 5 miles South of the location.

6. Source of Construction Materials

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

7. Methods of Handling Waste Disposal

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

8. A portable chemical toilet will be supplied for human waste.
9. Ancillary Facilities - No ancillary facilities are planned.
10. Well Site Layout - The attached layout shows the drilling rig with all associated facilities. Cut and fill required is also indicated.

11. Plans for Restoration of Surface

Restoration of the wellsite and access road will begin within 60 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.

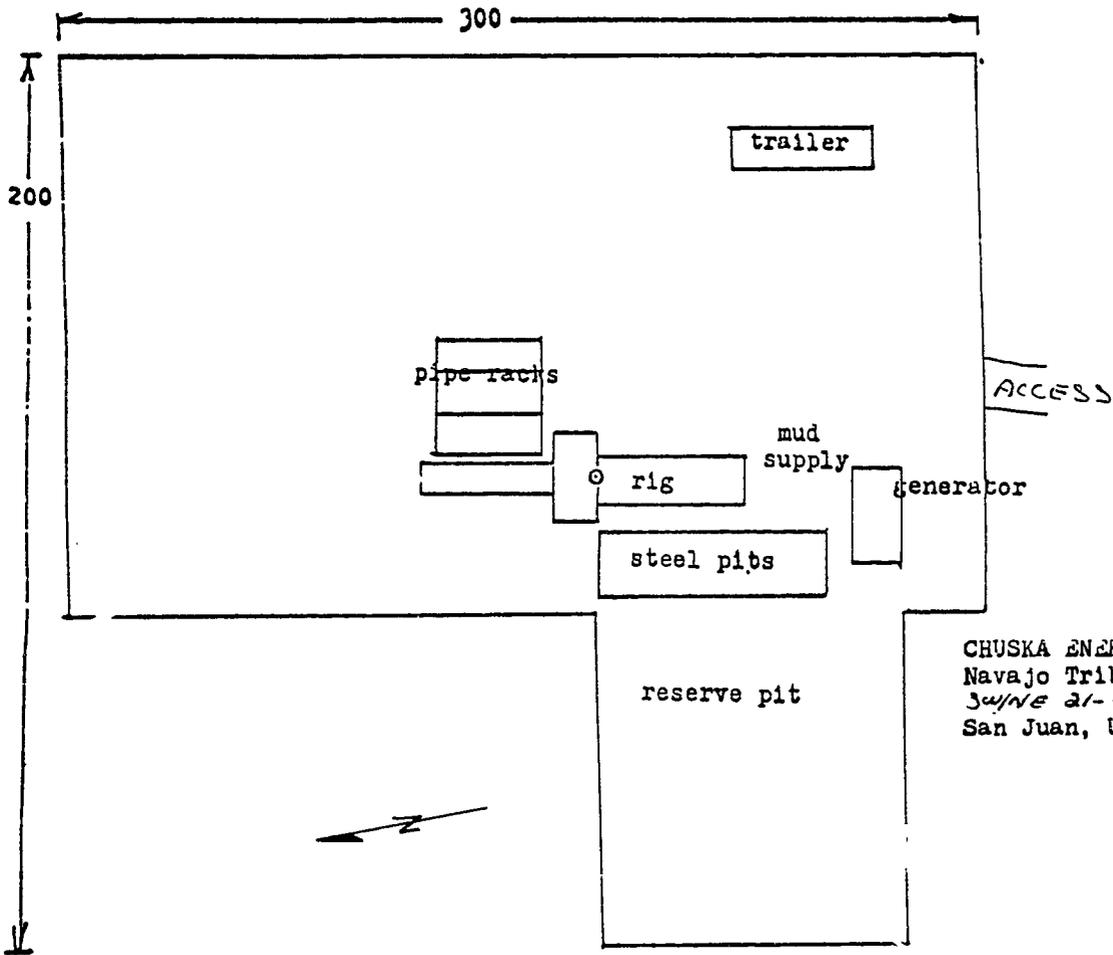
12. This location is located 1 mile east of Hovenweep National Monument. The area is hilly and covered with native weeds and grasses. No artifacts were found at the site. There are no residences in the area.

13. John Alexander  
Chuska Energy Company  
P. O. Box 2118  
Farmington, New Mexico 87499  
Phone: (505) 326-5525

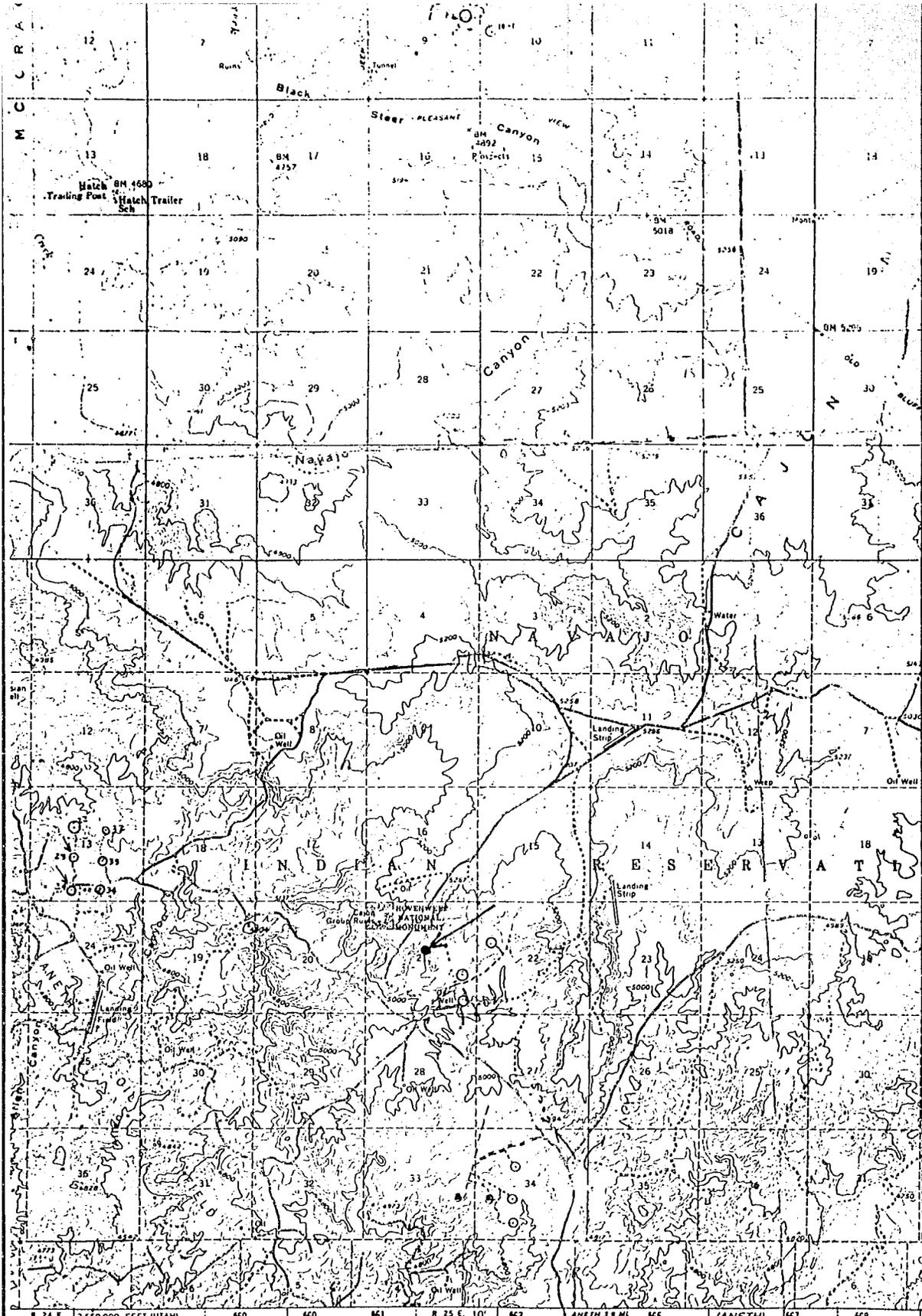
14. I hereby, certify that I, or persons under by direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in the plan are, to the best of my knowledge, true and correct; and that the work associated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

  
\_\_\_\_\_  
JOHN ALEXANDER  
September 19, 1985

JA/bc



CHUSKA ENERGY CO.  
Navajo Tribal NO. 32-21  
3 1/4 NE 21-40S-23E  
San Juan, Utah



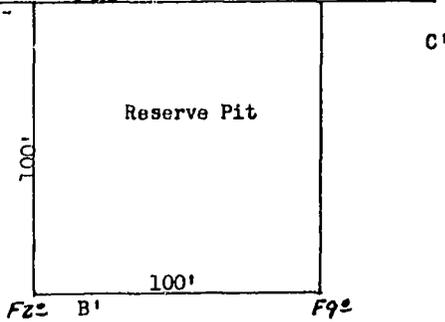
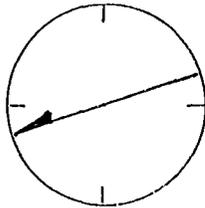
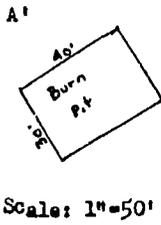
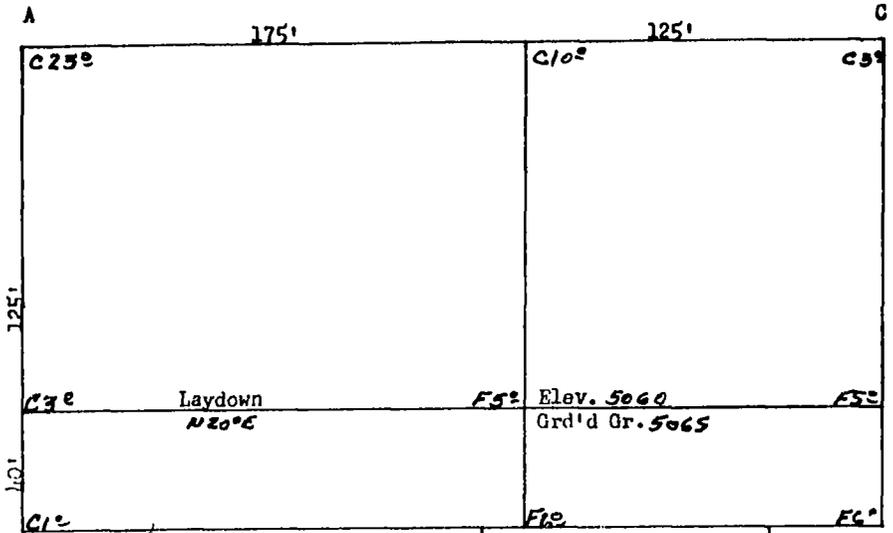
edited, and published by the Geological Survey  
 USGS and USC&GS  
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 projection 1927 North American datum  
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 do coordinate system, south zone  
 r Universal Transverse Mercator grid ticks,  
 hown in blue  
 d lines indicate approximate locations  
 elevations are shown in brown

Vicinity Map for  
**CHUSKA ENERGY COMPANY #32-21 NAVAJO TRIBAL**  
**2185'FNL 2350'FEL Sec. 21-T40S-R25E**  
**SAN JUAN COUNTY, UTAH**

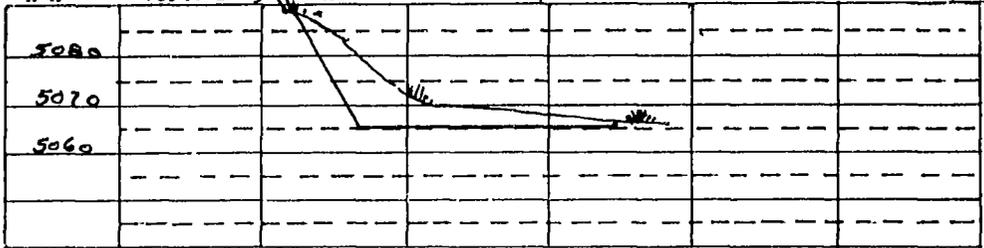
SCALE 1:62,500  
 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000  
 'R INTERVAL 40 FEET  
 'S MEAN SEA LEVEL

UTM GRID AND 1958 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET  
 THIS MAP IS MADE BY THE NATIONAL MAP ACT MAPS STATISTICAL  
 FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER 25, COLORADO ON WASHINGTON  
 A FOLDING DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

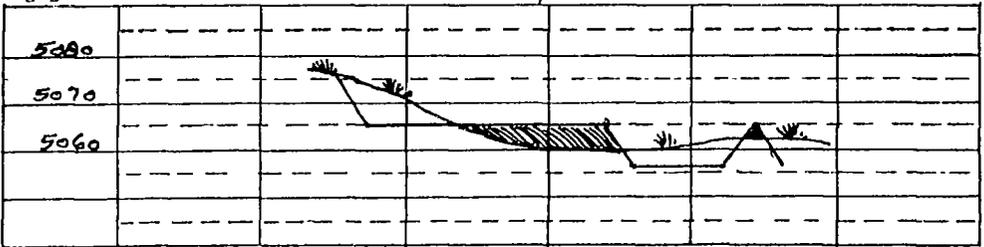
Profile for:  
 CH & ENERGY COMPANY #32-21 NAVAJO 1BAL  
 2185' FNL 2350' FEL Sec. 21-T4OS-R25E  
 SAN JUAN COUNTY, UTAH



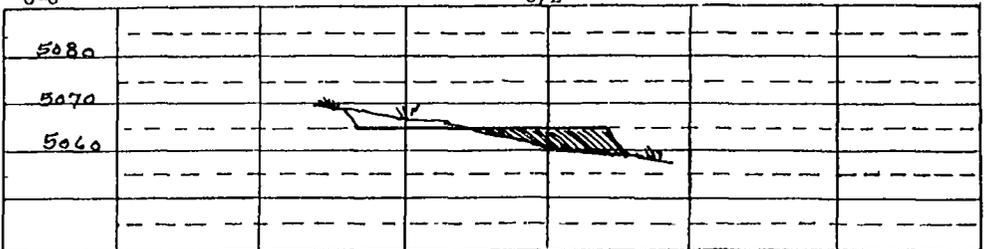
A-A' Vert: 1"=30' Horiz: 1"=100' C/L



B-B' C/L



C-C' C/L



September 19, 1985

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

RECEIVED

Attention: District Engineer

OCT 03 1985

Re: NON-standard location, Chuska Energy Company,  
Navajo Tribal No. 32-21.

DIVISION OF OIL  
GAS & MINING

Gentlemen:

Chuska Energy Company request permission for an unorthodox location of the subject well at 2185' FNL and 2350' FEL section 21, 40<sup>00</sup> - 25E, San Juan County.

This request is based on archaeology and topography. A map showing topographic restrictions is attached. An inspection of other sites in the area encountered archaeological problems on each. Also attached are topographic maps of the area, and a plat showing off-set operations.

All off-set operators have been notified by certified mail.

Sincerely,



John Alexander

JA/bc



STATE OF UTAH  
NATURAL RESOURCES  
Oil Gas & Mining

Norman H. Bangertler, 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

October 4, 1985

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

Mr. Alexander:

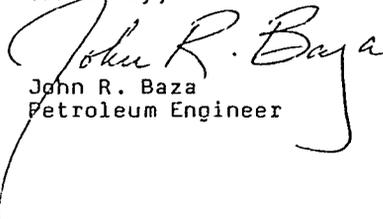
RE: Well No. Navajo Tribal 32-21, Section 21, T.40S, R.25E,  
San Juan County, Utah

The Division has received and reviewed your request for permission for an unorthodox location of the referenced well. It is noted that Chuska is not the offset lease holder of acreage within a 500 foot radius of the proposed well bore. Therefore, you are hereby notified that the well cannot be spudded at the proposed location until consent of the offset lease holder has been received and this Division has been notified as such.

Should the offset lease holder not provide his consent for drilling of the well in this unorthodox location, Chuska could petition the Board of Oil, Gas and Mining for an Order allowing the exception location.

Thank you for your consideration in this matter. Please contact this office if you have any additional questions.

Sincerely,

  
John R. Baza  
Petroleum Engineer

sb

cc: D.R. Nielson  
R.J. Firth  
Well File

0155T-40

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRI  
(Other Instruct  
reverse side)

CATE\*  
ON FE

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

5 LEASE DESIGNATION AND SERIAL NO  
NOG 8308-1033

6 IF INDIAN, ALLOTTEE OR TRIBE NAME

NAVAJO

7 UNIT AGREEMENT NAME

8 FARM OR LEASE NAME

NAVAJO TRIBAL

9 WELL NO.

32-21

10 FIELD AND POOL, OR WILDCAT

ANETH

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

21-40S-25E

12 COUNTY OR PARISH

SAN JUAN

13 STATE

UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

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

OCT 15 1985

DIVISION OF OIL  
GAS & MINING

1 OIL WELL  GAS WELL  OTHER

2 NAME OF OPERATOR  
CHUSKA ENERGY COMPANY

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

4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below)  
At surface  
2185' FNL & 2350' FEL

14 PERMIT NO

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

5060' GR

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

NOTICE OF INTENTION TO

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

SUBSEQUENT REPORT OF

WATER SHUT-OFF  REPAIRING WELL   
FRACTURE TREATMENT  ALTERING CASING   
SHOOTING OR ACIDIZING  ABANDONMENT\*   
(Other)

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

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# CHUSKA ENERGY COMPANY

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

October 11, 1985

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

Attention: Arlene Sollis

Re: Navajo Tribal No. 32-21,  
change of location.

**RECEIVED**

**OCT 15 1985**

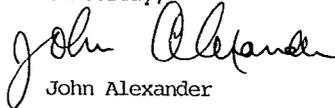
**DIVISION OF OIL  
GAS & MINING**

Gentlemen:

The subject well was originally located at 1820' FNL & 1920' FEL 21-40S-25E, San Juan County, Utah, you approved the location at that site.

The location had to be moved to 2185' FNL and 2350' FEL of the same section because of archaeological problems. A new application was submitted along with Mobil's approval of the unorthodox location. The above documents have been sent to you under separate cover.

Sincerely,

  
John Alexander

JA/bc



# CHUSKA ENERGY COMPANY

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

October 9, 1985

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

RECEIVED

OCT 15 1985

DIVISION OF OIL  
GAS & MINING

Attention: Mr. John R. Baza

Re: Chuska Energy Company, Navajo Tribal  
Well No. 32-21, Section 21, T40S, R25E,  
San Juan County, Utah

Gentlemen:

Attached is Mobil Oil Corporation's consent to an unorthodox of the subject well.

Sincerely,

  
John Alexander

JA/bc



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 • 801-535-5340

August 12, 1986

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

Gentlemen:

Re: Well No. Navajo Tribal #32-21 - Sec. 21, T. 40S, R. 25E  
San Juan County, Utah - API #43-037-31113

A records review indicates that no required reports for the referenced well have been filed since October 1985. Monthly drilling reports must be submitted to account for the time between spudding and well completion.

Please use the address listed below to provide the required information at your earliest convenience, but not later than August 28, 1986.

Utah Division of Oil, Gas and Mining  
Attention: Suspense File - Norm Stout  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Future reports should be submitted as required in a timely fashion.

Respectfully,

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

Norman C. Stout  
Records Manager

ts  
cc: Dianne R. Nielson  
Ronald J. Firth  
John R. Baza  
Well File  
Suspense File  
0448S/20

032606

CHUSKA ENERGY CO  
P O Box 2118  
Farmington, N.M 87499  
(505)-326-5525

August 18, 1986

*Subj.*  
**RECEIVED**  
AUG 21 1986

**DIVISION OF  
OIL, GAS & MINING**

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

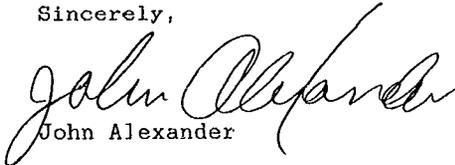
Attention Suspense File - Norm Stout

Re: Activity Report Navajo Tribal No 32-21

Gentlemen:

The subject well is staked in Sec 21-Twn.40S-Rng.25E San Juan Co. It has not been spudded and current economic conditions indicate that the well will not be drilled.

Sincerely,

  
John Alexander



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

101631

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

October 16, 1986

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

Gentlemen:

RE: Well No. Navajo Tribal 32-21, Sec. 21, T. 40S, R. 25E,  
San Juan County, Utah, API NO. 43-037-31113

Due to excessive time delay in commencing drilling operations, approval to drill the subject well is hereby rescinded, effective one calendar month from the date of this notice.

If it is your intent to proceed with operations on the well, you must submit a request for extension of the approval to drill within the one month grace period. After the grace period, 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,

A handwritten signature in cursive script that reads "John R. Baza".

John R. Baza  
Petroleum Engineer

sb  
cc: BLM-Farmington  
D. R. Nielson  
R. J. Firth  
Well file  
0327T-14



# CHUSKA ENERGY COMPANY

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

September 19, 1985

Mobil Oil Company  
Drawer G  
Cortez, Colorado

OCT 02 REC'D

Attention: Clyde Benally

Re: NON-standard location, Chuska Energy Company  
Navajo Tribal #32-21

Gentlemen:

Chuska Energy Company has requested a NON-standard location for their Navajo Tribal #32-21 at 2185' FNL and 2350' FEL section 21, 40S, 25E, San Juan County, Utah.

This request is based on archaeological and topographic restrictions. Maps showing the restrictions are attached.

Please sign one copy of this letter to indicate your NON-objection to this application.

Sincerely,

John Alexander

Mobil Oil Company does not object to the above application.

signature

*Endorsement by [unclear]*  
Name & Title (Printed)

1/21/85

JA/bc