

UNITED STATES
DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

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 Co., Inc. Box 190, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface 1830' FNL & 2010' FEL
At proposed prod. zone same

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

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

16. NO. OF ACRES IN LEASE
5120

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

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

19. PROPOSED DEPTH
5950

20. ROTARY OR CABLE TOOLS
Rotary

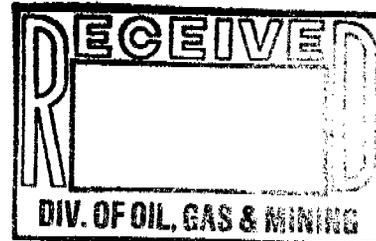
21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4495' G.L.

22. APPROX. DATE WORK WILL START*
October 1, 1984

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	500	See attached cement information
7 7/8	5 1/2	15.5	5950	

SEE ATTACHED



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

DATE: _____
BY: _____

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED John Alexander Agent DATE September 10, 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

DCA

COMPANY CHUSKA ENERGY COMPANY

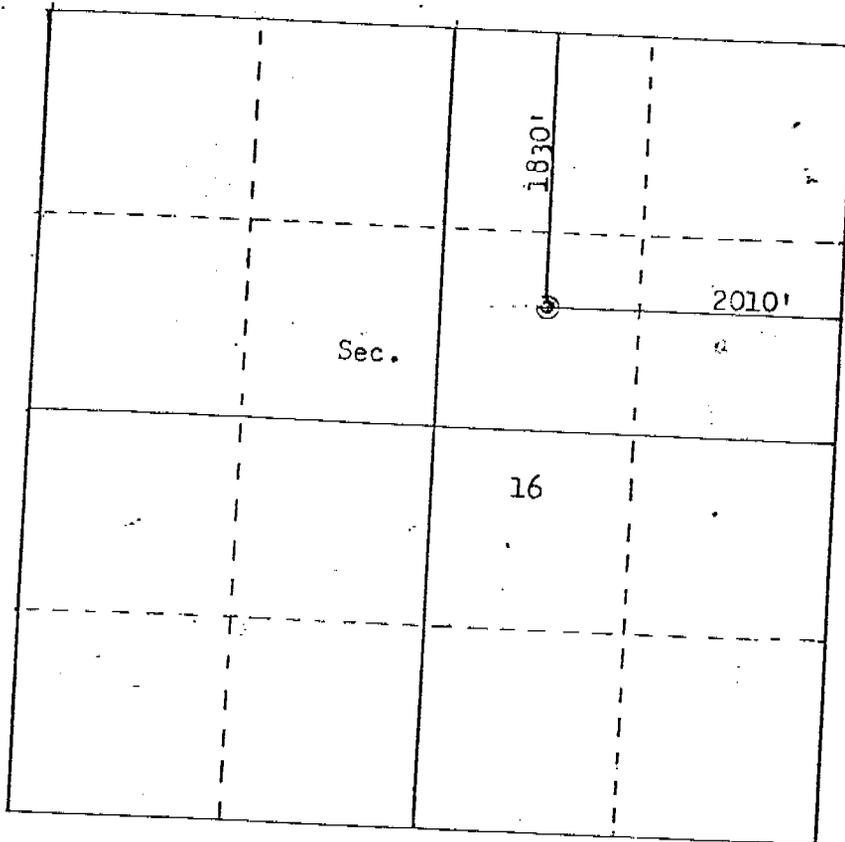
LEASE NAVAJO TRIBAL WELL NO. 32-16

SEC. 16, T. 11S, R. 25E

San Juan County, Utah

LOCATION 1830'FNL 2010'FEL

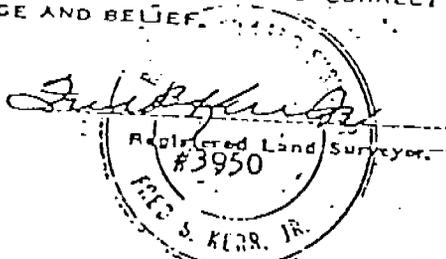
ELEVATION 4495 ungraded ground



SCALE—4 INCHES EQUALS 1 MILE

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

SEAL



SURVEYED November 10, 1983

FORMATION INFORMATION AND
DRILLING PRACTICES

CHUSKA ENERGY CO.
Navajo Tribal No. 32-16
1830' FNL and 2010' FEL
Sec 16, 41S, 25E
San Juan Co., Utah

1. Surface Formation: Bluff Sandstone

2. Estimated Formation Tops:

Dechelly	2890'
Organ Rock	2980'
Hermosa	4740'
Upper Ismay	5645'
Lower Ismay	5745'
Desert Creek	5830'
T. D.	5950'

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

Oil	5745'
Oil	5830'

4. Proposed Casing Program:

0-500' 8 5/8", 24 lb/ft, ST & C K-55 new casing; cement with 300 cubic feet Class "B" + 2% CaCl₂. Cement will be brought to surface.

0-5950'T.D. 5 1/2", 15.5 lb/ft, ST & C, K-55 new casing; cement with 450 cubic feet 50-50 poz mix + 2% CaCl₂ + 10% salt + 0.8% fluid loss additive. Cement top at 4000'.

5. Pressure Control Equipment - Blow Out Preventor:

The attached schematic shows the type of blowout preventor to be used while drilling. The unit will be tested to 800 psi prior to drilling from under surface pipe.

6. Drilling Fluids:

<u>DEPTH</u>	<u>TYPE</u>	<u>VIS.</u>	<u>WEIGHT</u>	<u>FLUID LOSS</u>
500-4000'	Gel-chem	35-45	9.5	15cc
4000-5950'	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

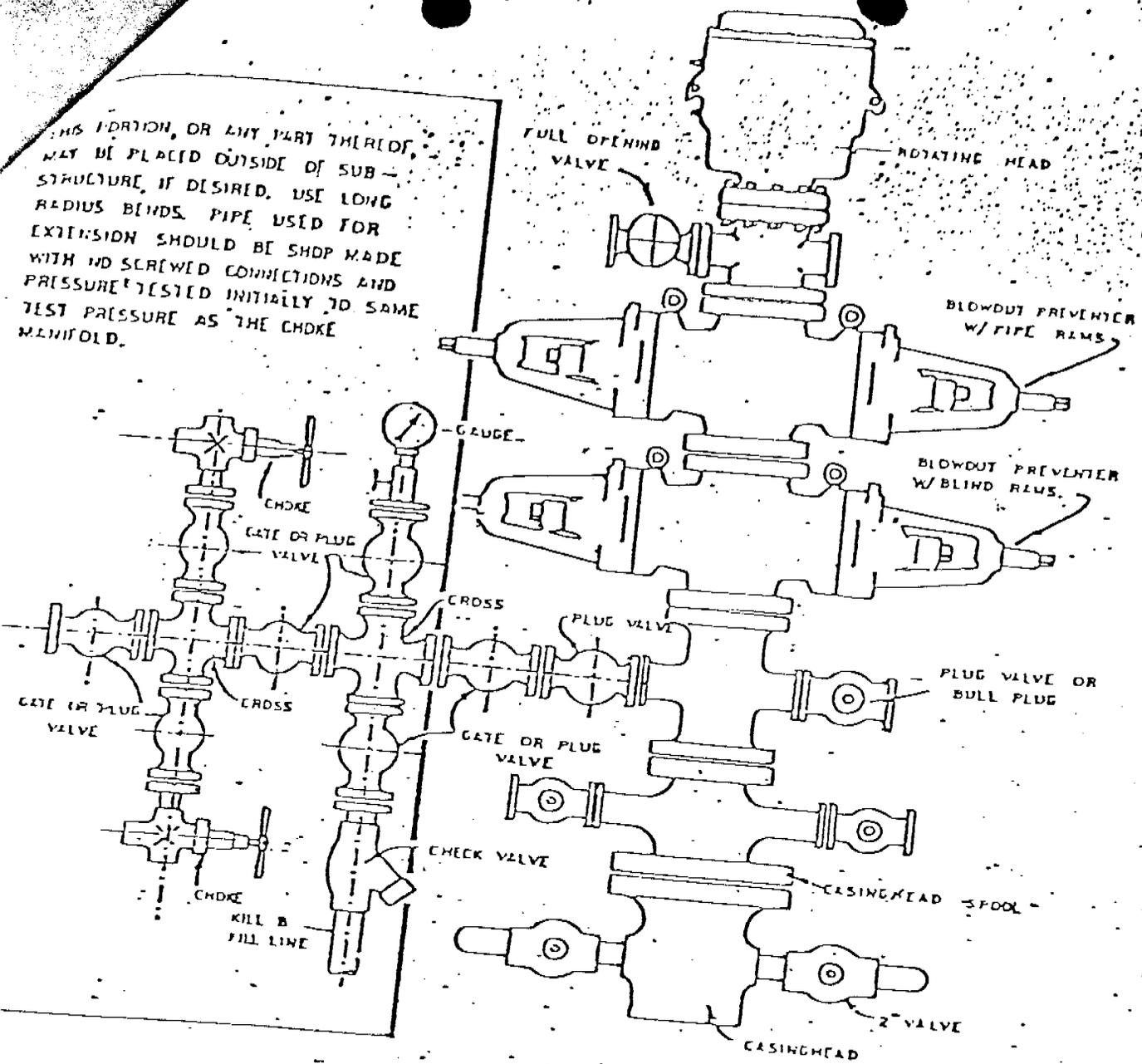
9. Abnormal Temperatures, Pressures or Potential Hazards:

None Expected

10. Starting Date:

Anticipated starting date is October 1, 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 WID SCREWED CONNECTIONS AND PRESSURE TESTED INITIALLY TO SAME TEST PRESSURE AS THE CHDKE MANIFOLD.



BLOWOUT PREVENTER HOOKUP

SURFACE USE PLAN

CHUSKA ENERGY CO.
Navajo Tribal No. 32-16
1830' FNL and 2010' FEL
Sec 16, 41S, 25E
San Juan Co., Utah

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 Southeast from an existing dirt road approximately 100' 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, 8 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.

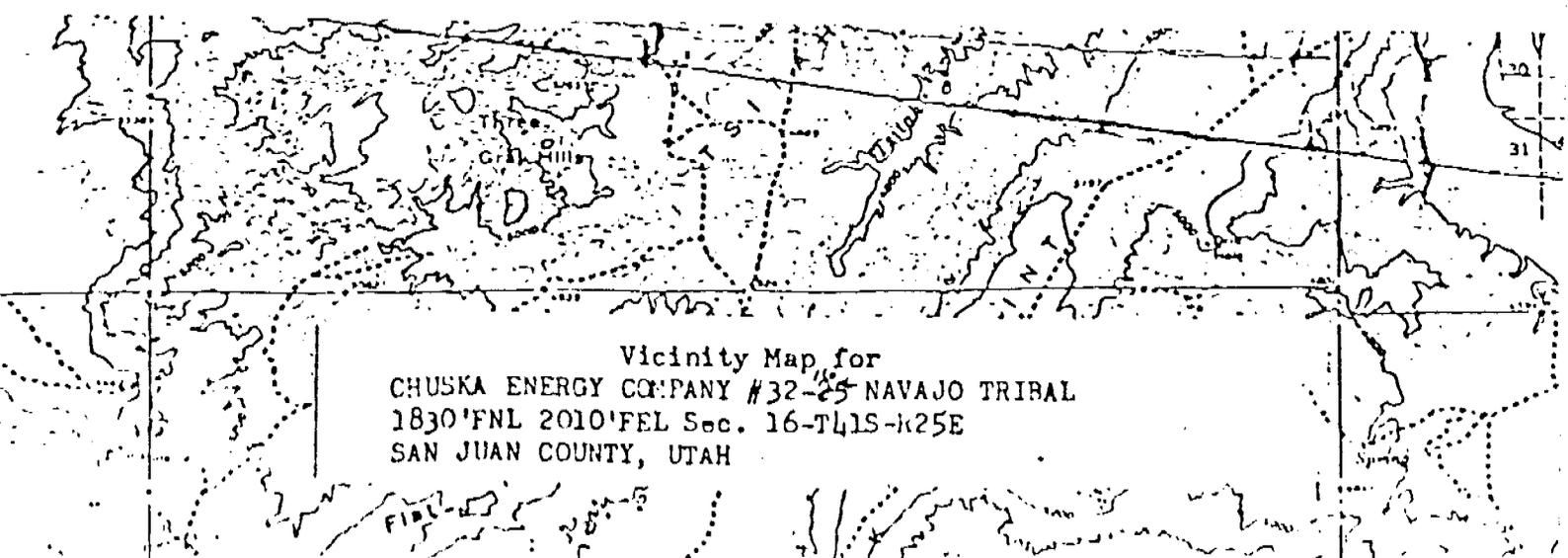
10. Well Site Layout - The attached layout shows the drilling rig with all associated facilities. Cut and fill required is also indicated.

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 1 mile north of Aneth Trading Post. The area is flat 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, NM 87499
Phone: 505-326-1135

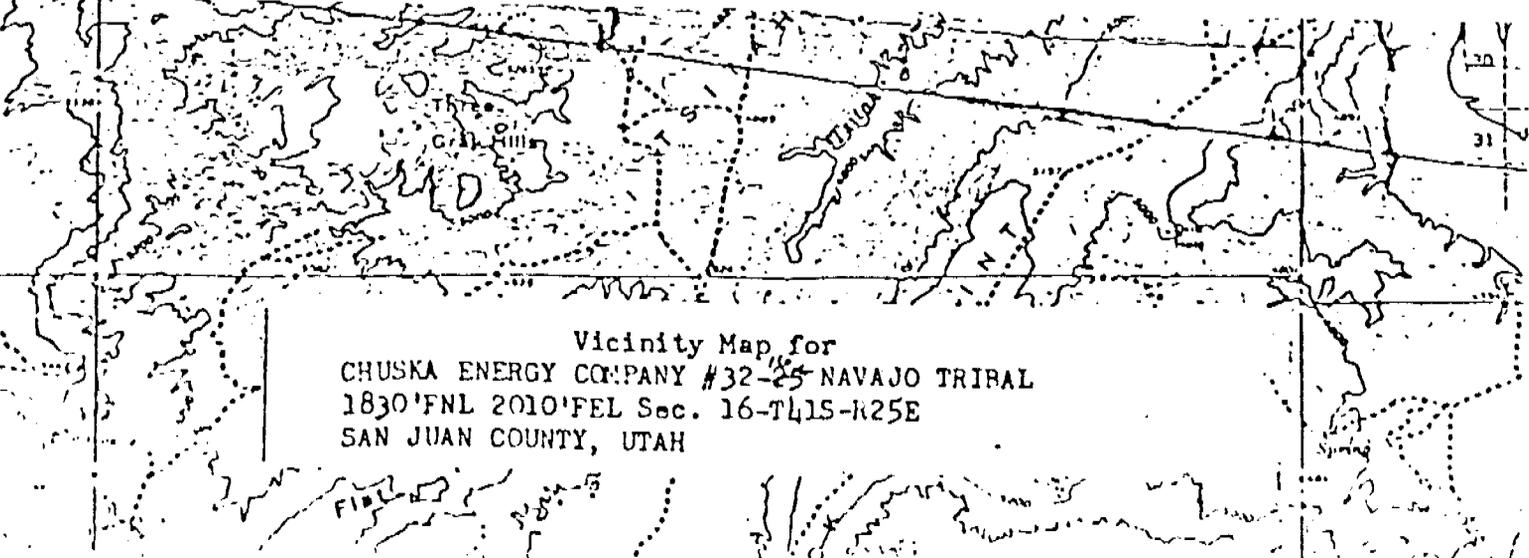


Vicinity Map for
CHUSKA ENERGY COMPANY #32-25 NAVAJO TRIBAL
1830' FNL 2010' FEL Sec. 16-T41S-R25E
SAN JUAN COUNTY, UTAH

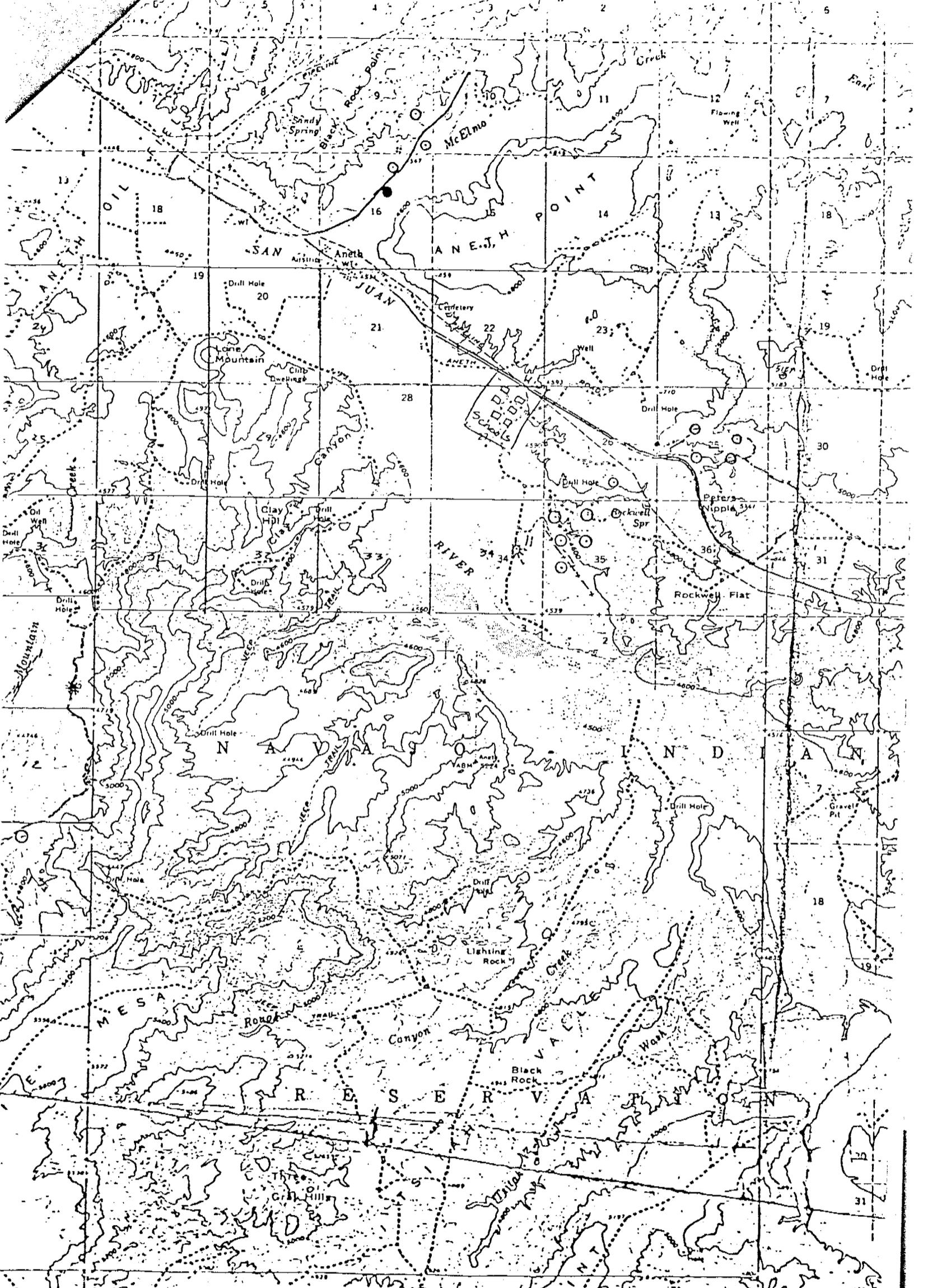
14. I hereby certify that I, or persons under by direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in the plan are, to the best of my knowledge, true and correct; and that the work associated 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
JOHN ALEXANDER
September 10, 1984

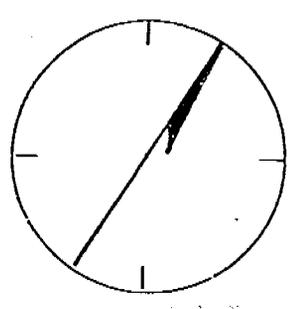
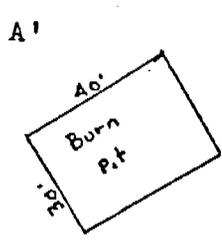
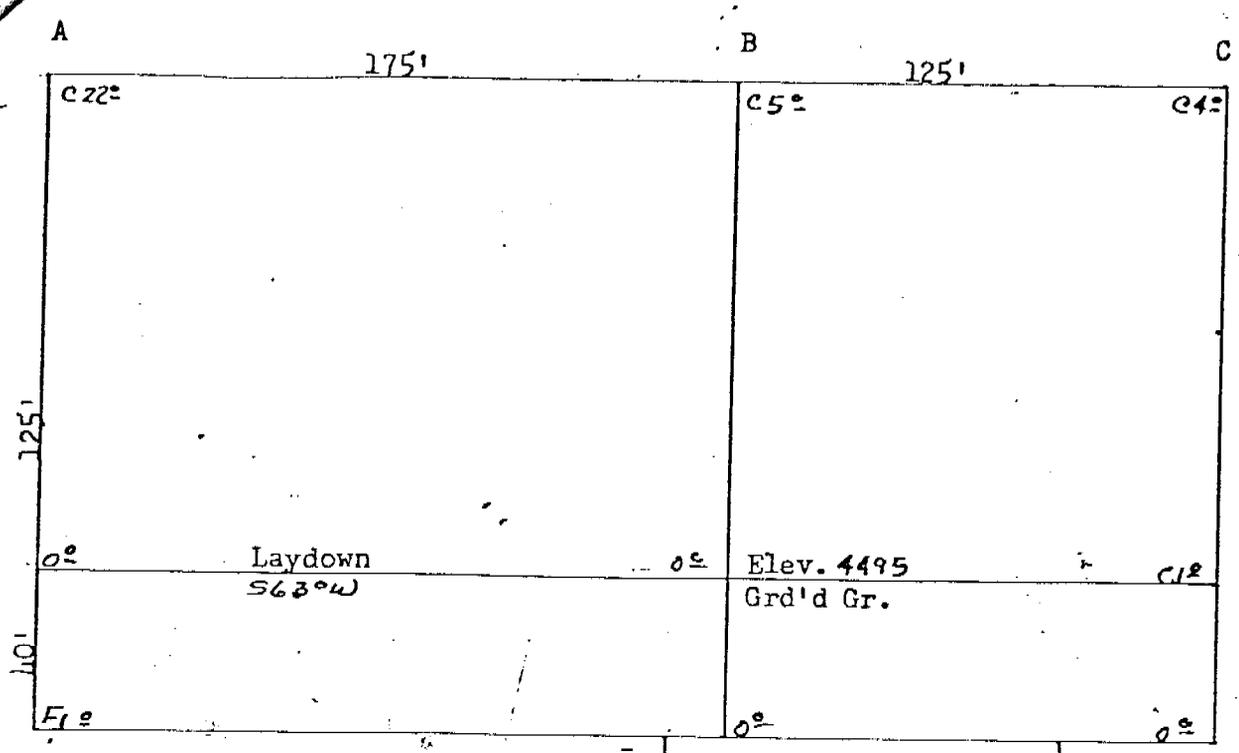
JA:kj



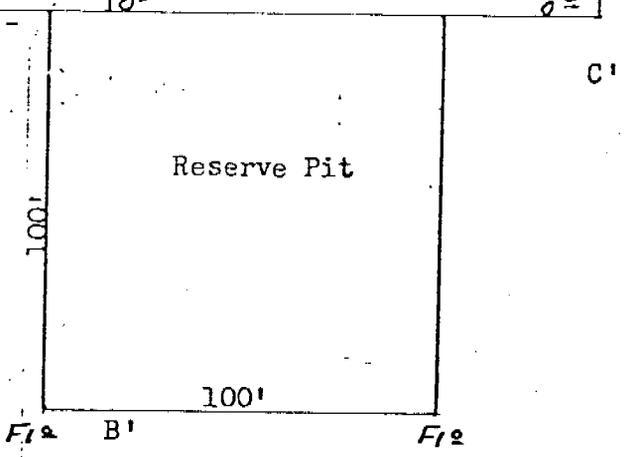
Vicinity Map for
CHUSKA ENERGY COMPANY #32-25 NAVAJO TRIBAL
1830' FNL 2010' FEL Sec. 16-T41S-R25E
SAN JUAN COUNTY, UTAH



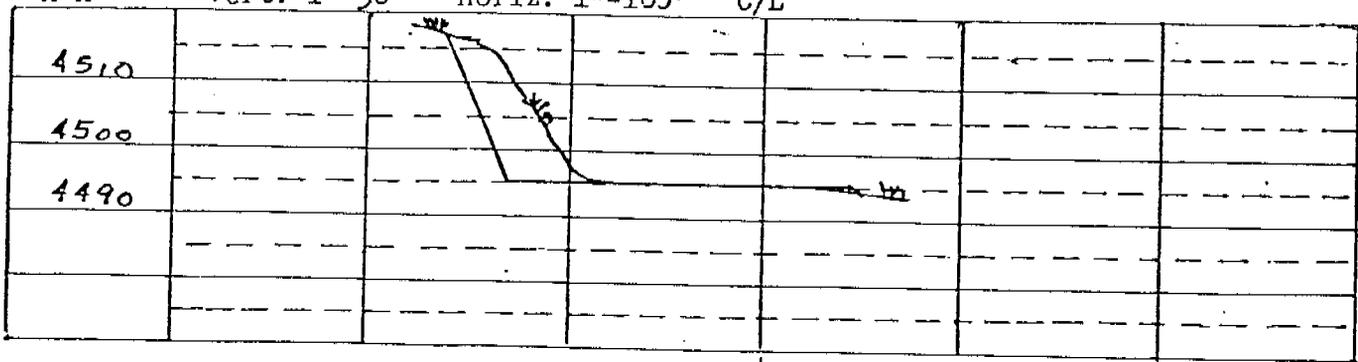
Vicinity Map for
CHUSKA ENERGY COMPANY #32-~~15~~ NAVAJO TRIBAL
1830'FNL 2010'FEL Sec. 16-T41S-R25E
SAN JUAN COUNTY, UTAH



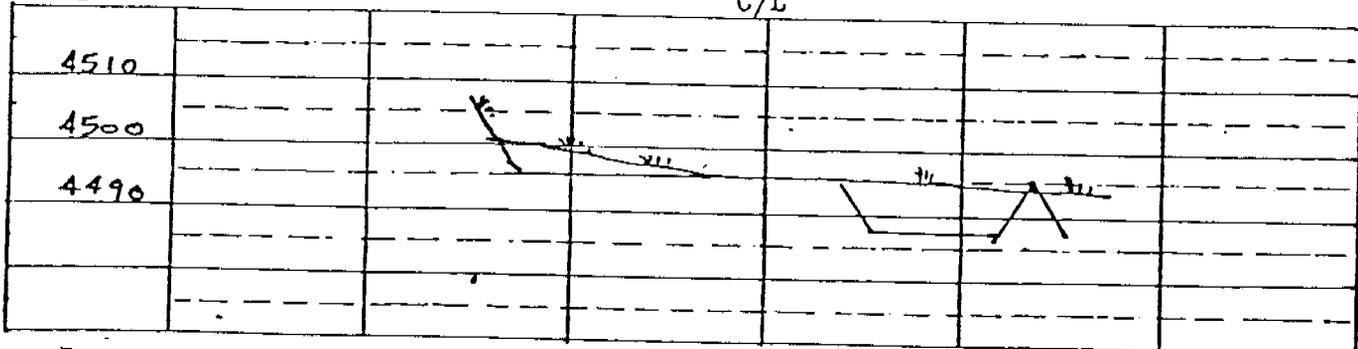
Scale: 1"=50'



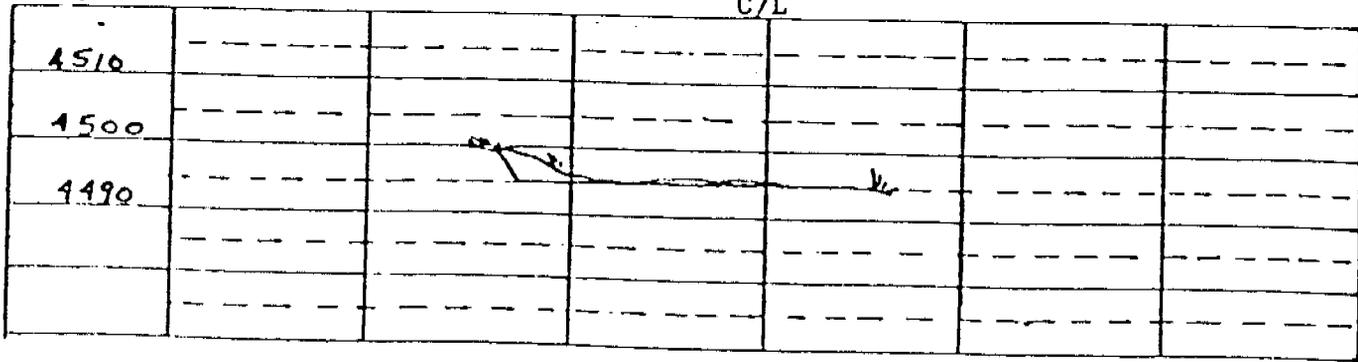
A-A' Vert: 1"=30' Horiz: 1"=100' C/L



B-B' C/L



C-C' C/L



CONFIDENTIAL

OPERATOR Cohaska Energy

DATE 11-5-84

WELL NAME Navajo Tribal 32016

SEC SW NE 16 T 41S R 2SE COUNTY San Juan

43-037-31101
API NUMBER

Indian
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR
OIL SHALE

PROCESSING COMMENTS:

Water of - 09-1383 T60290

APPROVAL LETTER:

SPACING: A-3 _____ UNIT

c-3-a _____ CAUSE NO. & DATE

c-3-b

c-3-c

STIPULATIONS:

✓ ID. 5515! Prep to P&A, approval from
Edm. Steve Mason, Farmington, N. Mex.



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

November 5, 1984

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

Gentlemen:

Re: Well No. Navajo Tribal #32-16 - SW NE Sec. 16, T. 41S, R. 25E
1830' FNL, 2010' 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.

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

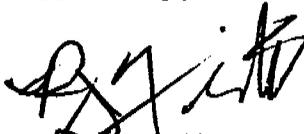
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 533-5771, (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 #32-16
November 5, 1984

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 43-037-31101.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

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

DIVISION OF OIL, GAS AND MINING

SPODDING INFORMATION

43-037-31101

~~API #43-037-31101~~

NAME OF COMPANY: CHUSKA

WELL NAME: Navajo Tribal ³²⁻~~31-~~16

SECTION ^{SW NE}~~NW SE~~ 16 TOWNSHIP 41S RANGE 25E COUNTY San Juan

DRILLING CONTRACTOR Young Drilling

RIG # 3

SPODDED: DATE 10-22-84

TIME 5:00 P.M.

How Rotary

DRILLING WILL COMMENCE _____

REPORTED BY Brett Cook - 3E Company

TELEPHONE # 505-326-1135

DATE 10-23-84 SIGNED AS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN THE STATE*
(Other instructions on reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NOG-8308-1033
2. NAME OF OPERATOR Chuska Energy Co.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR c/o 3E Co., Box 190, Farmington, NM 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 1830' FNL & 2010' FEL		8. FARM OR LEASE NAME Navajo Tribal
14. PERMIT NO.		9. WELL NO. 32-16
15. ELEVATIONS (Show whether DF, RT, CR, etc.) 4495' GL		10. FIELD AND POOL, OR WILDCAT Aneth
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 16-41S-25E
		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 checked="" type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

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

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

Spud 17 1/2" hole 10-22-84 Young Rig #3 as drilling contractors. Drill to 86'. Ran 13 3/8" 54.5 lb casing to 85'. Cemented with 207 cu.ft. Class "B" cement containing 3% CaCl2 and 1/4 lb cellophane Flake per sack. Cement circulated to surface. Job complete 10-22-84.

RECEIVED
OCT 26 1984
DIVISION OF OIL
GAS & MINING

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

SIGNED Bret D. Cook TITLE Agent DATE 10-23-84
Bret D. Cook

(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 TRIPLICATE*
(Other instructions on reverse side)

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

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.

31-16 32-16

10. FIELD AND POOL, OR WILDCAT

Aneth

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

16-41S-25E

12. COUNTY OR PARISH

San Juan

Utah

OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

Chuska Energy Co.

3. ADDRESS OF OPERATOR

c/o 3E Company, PO Box 190 Farmington, NM 87499

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

14. PERMIT NO.

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

4495' GL

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 COMPLETION

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other) Confidential reports

(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.)*

Please consider all reports on this well as confidential.

RECEIVED

OCT 26 1984

DIVISION OF OIL
GAS & MINING

326-1125

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

SIGNED

John Alexander
John Alexander

TITLE

Agent

DATE

10-23-84

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate*
(Other instructions on re-
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Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.
NOG 8308-1033 3

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7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Navajo Tribal

9. WELL NO.
32-16

10. FIELD AND POOL, OR WILDCAT
Aneth

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA
16-41S-25E

12. COUNTY OR PARISH 18. STATE
San Juan Utah

SUNDRY NOTICES AND REPORTS ON WELLS
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See also space 17 below.)
At surface
1830' FNL & 2010' FEL

NOV 08 1984

DIVISION OF OIL
GAS & MINING

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4495' GL

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NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

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

(NOTE: Report results of multiple completion on Well
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proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.)*

Drilled to 1326 ft. Ran 8 5/8" 241b casing to 1306 ft. Cemented with:
Tail in with 354 cu.ft Class "B" cement containg 2% CaCl2 and 1/41b cellophane
flake per sack; lead in with 736 cu.ft. Class "B" cment with 4% Gel, 2% CaCl2,
and 1/2 lb cellophene flakes per sack. Circulated 8 bbls cement to surface.
Fell back 40 ft. 1/2 cu yard pea gravel filled to surface. Job complete 10-24-84.

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

SIGNED Bret D. Cook TITLE Agent DATE 10-29-84
(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 TRIPLICATE*
(Other instructions on re-
verse side)

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

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		12. COUNTY OR PARISH San Juan	18. STATE Utah

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SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
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(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.)*

The operator, Chuska Energy Co., has plugged & abandoned the Navajo Tribal 32-16. Ran 4 1/2" drill pipe open ended and spotted Class "B" neat cement plugs as follows:

INTERVAL	FORMATION	FT ³ OF CEMENT
0-50'	Plug at surface	24
1272-1372'	Surface casing plug	44
2335-2435'	De Chelly	44
4223-4323'	Hermosa	44
5169-5269'	Upper Ismay	50

Job complete 11-7-84. Dry hole marker set.

ACCEPTED
APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 11/21/84
BY: John R. Bays

RECEIVED
NOV 20 1984

DIVISION OF
OIL, GAS & MINING

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

SIGNED Bret D. Cook TITLE Agent DATE 11-8-84
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action is required before commencing operations.

*See Instructions on Reverse Side

Chuska Energy Co.
Navajo Tribal 32-16

Cementing Attachement

13 3/8" 54.5 lb casing cemented with: 207 cu.ft. Class "B" cement containing 3% CaCl₂, 1/4 lb cellophane flake per sack.

8 5/8" 24lb casing cemented with: Lead in with 736 cu.ft Class "B" cement containing 4% Ge1, 2% CaCl₂, 1/2 lb cellophane flake per sack. Tail in with 354 cu.ft. Class "B" cement containing 2% CaCl₂, 1/4 lb cellophane flake per sack.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.

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 Co.

3. ADDRESS OF OPERATOR
c/o 3E Co., Inc. - Box 190 Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
 At surface 1830' FNL & 2010' FEL SW NE
 At top prod. interval reported below Same
 At total depth Same

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.
32-16

10. FIELD AND POOL, OR WILDCAT
Aneth

11. SEC., T. R., M., OR BLOCK AND SURVEY OR AREA
16-41S-25E

14. PERMIT NO. 43-037-31101 DATE ISSUED 11-5-84

12. COUNTY OR PARISH San Juan 13. STATE Utah

15. DATE SPUDDED 10-22-84 16. DATE T.D. REACHED 11-5-84 17. DATE COMPL. (Ready to prod.) Plugged 11-7-84 18. ELEVATIONS (DF, REB, RT, CR, ETC.)* 4507 KB 19. ELEV. CASINGHEAD N/A

20. TOTAL DEPTH, MD & TVD 5515' 21. PLUG, BACK T.D., MD & TVD 5515' 22. IF MULTIPLE COMPL., HOW MANY* N/A 23. INTERVALS, DEPTHS BY 3015 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) Plugged & Abandoned 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, EDC, CNL, GR 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set down)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	AMOUNT PULLED
13 3/8"	54.5	85'	17 1/2"	NONE
8 5/8"	24	1306'	12 1/4"	NONE
			See Attached	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					N/A		

31. PERFORATION RECORDED (Interval, size and number) N/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) Plugged & Abandoned WELL STATUS (Producing or shut-in) P+H

DATE OF TEST _____ HOURS TESTED _____ CHOKER 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
Cement Attachment

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

SIGNED Bret D. Cook TITLE Agent DATE 11-14-84

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State agency. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 45.

Item 1: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in 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) (if any) 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 instruction for items 22 and 24 above.)

FORMATION		TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES	DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES	TOP	BOTTOM	NAME	MEAS. DEPTH	TOP
					1220'	
				CHINLE	2385'	
				DE CHELLY	2545'	
				ORGAN ROCK	4290'	
				HERMOSA	5190'	
				UPPER ISMAY	5286'	
				LOWER ISMAY	5330'	
				GOTHIC SHALE	5362'	
				DESERT CREEK		
				CHIMNEY ROCK SHALE	5469'	

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

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DIVISION OF
OIL, GAS & MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Navajo Tribal 32-16
Operator Chuska Energy Co. Address c/o 3E Co., Box 190, Farmington, NM
Contractor Young Drilling Co. Address Box 717, Farmington, NM 87499
Location SW 1/4 NE 1/4 Sec. 16 T: 41S R. 25E County San Juan

Water Sands

	<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
	<u>From</u>	<u>To</u>	<u>Flow Rate or Head</u>	<u>Fresh or Salty</u>
1.	2500		Not Measured	No Sample Taken
2.				
3.				
4.				
5.				

(Continue of reverse side if necessary)

<u>Formation Tops</u>			
Chinle	1220	Lower Ismay	5286
De Chelly	2385	Gothic Shale	5330
organ Rock	2545	Desert Creek	5362
Hermosa	4290	Chimney Rock Shale	5469
Upper Ismay	5190		

Remarks

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