

## UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS WELL LOC ELECTRI LOGS FILE  WATER SALES LOCATION INSPECTED SUB REPORT bd

0/20 2/1/ 5/2 5-71

DATE FILED 1-26-90

LAND FEL & PATENTED DATE LEASE NO PUBLIC LEASE NO INDIAN NO, G 8702-1116

DRILLING APPROVED 2-15-90 (EXCEPTION LOCATION)

SPLUDED IN

COMPLETED PUT TO PRODU INC

INITIAL PRODUCTION C /

GRAVITY API

GOR

PRODUCING ZONES

TOTAL DEPTH

WELL ELEVATION

DATE ABANDONED VA 30794

FIELD UNDESIGNATED

UN

CC #1 SAN JUAN

WELL # TOWER #1J-1 API NO 43-037-31495

LOCATION 2441' FSL FT FROM (IN) IS) LINE 2578' FEL FT FROM (E) (W) LINE NWSE 14 - 14 SEC 1

TWP	R E	SEC	OPERATOR	TWP	R E	SEC	OPERATOR
				40S	25E	1	CHUSKA ENERGY COMPANY

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**RECEIVED**  
JAN 20 1990

1. Lease Identification and Section No. **NOG 8702-1116**

2. Application for Permit to Drill, Deepen or Plug Back

3. Type of Work: **DRILL**  **DEEPEN**

4. Type of Well: **Oil**  **Gas**  **Other**

5. Name of Operator: **Chuska Energy Company**

6. Address of Operator: **315 North Behrend Farmington New Mexico 87401**

7. Location of Well: Report location clearly and in accordance with the State regulations. **2441' FSI, 2578' PLL NWSE**

8. Well No.: **Lower**

9. Field and Pool or Wildcat: **1J-1**

10. Well Status: **Wildcat Under Ignited (CO2)**

11. Section: **SI T40S R25E**

12. Township: **San Juan** | State: **Utah**

13. Data from proposed location: **6028' ± 10' ± Rotary**

14. Elevation (Show section of DF or GR, etc.): **5178' GR** | Approved well date: **02-28-90**

15. PROPOSED CASING AND CEMENTING PROGRAM

Size (4")	Setting	Weight per Foot	Setting Depth	Quantity of Cement
12-1/4"	8-5/8"	24.0 lb	500'	370 sx 'G' + 2% CaCl2
7-7/8"	5-1/2"	15.5 lb	6028'	450 sx 'G', 65.35 Poz + 6% Gel

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM. If proposal is to deepen or plug back an existing well, please state production zone and proposed new production zone. If proposal is to drill, deepen or re-complet an existing well, please state surface location and measured and true vertical depths. Give blow by blow program, if any.

24. I hereby certify that this report is true and complete to the best of my knowledge.

Signature: *Donald S. Barnes* Title: Operations Manager Date: 01-23-90

(This space for remarks or date (if case set))

APR NO: 42 037-31495 Approval Date: \_\_\_\_\_

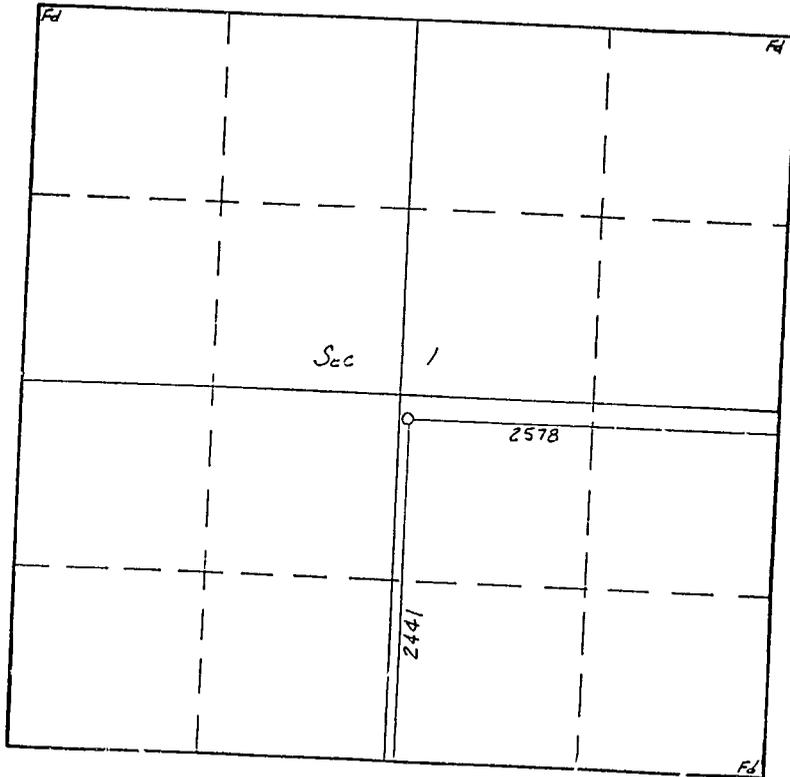
Approved by: \_\_\_\_\_ Title: \_\_\_\_\_

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

DATE: 2-15-90  
BY: John R. Dyer  
WELL SPACING: EA/3-3-3

\*See Instructions On Reverse Side

COMPANY CHUSKA ENERGY COMPANY  
 LEASE TOWER WELL NO 1  
 SEC 1, T 40 S, R 25 E  
 COUNTY San Juan STATE Utah  
 LOCATION 2441'FSL & 2578'FSL  
 ELEVATION 5178



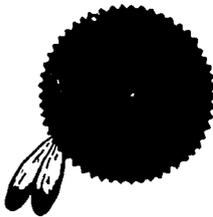
SCALE: 1" = 1000

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



  
 WILLIAM E MAHNKE II  
 NEW MEXICO PLS N° 8466

SURVEYED Dec 7, 1989



# CHUSKA ENERGY COMPANY

315 N BEHREND • FARMINGTON NEW MEXICO 87401 • PHONE (505) 326 5525

**RECEIVED**  
JAN 20 1990

January 23, 1990

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

DIVISION OF  
OIL GAS & MINING

Ref Application for Permit to Drill Tower #1

Gentlemen

attached you will find the original and two copies of the Application to Drill the subject well Chuska Energy would greatly appreciate your prompt consideration

Sincerely

Donald S Barnes  
Operations Manager

DSB/csw  
File C \WP\CSWH\

OPERATOR Chuska Energy Company (N9290) DATE 1-30-90

WELL NAME Tower #1J-1

SEC NWSE 1 T 40S R 25E COUNTY San Juan

43-037-31495  
API NUMBER

Indian  
TYPE OF LEASE

CHECK OFF

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS

No other well within 920' (no other well in sec 1, 40S 25E)  
Water Permit Hay Hot Oil Inc - A60807/07-1419  
Need exception to cation request / Received 2-12-90  
Well name change from Tower #1 eff 2-6-90

APPROVAL LETTER

SPACING  R615-2-3 N/A  
UNIT

R615-3-2

N/A  
CAUSE NO & DATE

R615-3-3

STIPULATIONS

CC BIA



STATE OF UTAH  
NATURAL RESOURCES  
Water Rights

Norman H. Bangertter, Governor  
Dee C. Hansen, Executive Director  
Robert L. Morgan, State Engineer

Southeastern Area • 453 S. Carbon Avenue • P.O. Box 718 • Price, UT 84501-0718 • 801-637-1303

February 1, 1990

RECEIVED  
FEB 05 1990

DIVISION OF  
OIL, GAS & MINING

Chuska Energy Company  
Attn: Donald S. Barnes, Operations Manager  
315 North Behrend  
Farmington, New Mexico 87401

- Re: 1) Tower #1: NW4SE4 Sec. 1, T40S, R25E, SLB&M  
2) Big Bend #1: NE4NE4 Sec. 7, T40S, R26E, SLB&M  
3) Ismay Extension #1: NE4SE4 Sec. 12, T40S, R25E, SLB&M

Dear Mr. Barnes:

This letter will serve as authorization from this office to proceed with the drilling at the three noted locations. Drilling and main water will be hauled to the sites by Hay Hot Oil Inc. under their water right #09-1419 (A60809). It is anticipated that 0.90 acre feet of water will be required at each location.

If you have any questions concerning this matter, please feel free to contact me.

Sincerely,

Mark P. Page  
Area Engineer

cc: ✓ Lisha Romero, Div. of Oil, Gas & Mining  
Jerry Howell, Hay Hot Oil Inc.

MPP/mjk



# CHUSKA ENERGY COMPANY

315 N BEHREND • FARMINGTON NEW MEXICO 87401 • PHONE (505) 326 5525

February 6, 1990

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

RECEIVED  
FEB 08 1990

DIVISION OF  
OIL GAS & MINING

Ref Sundry Notice Tower #1- Change of Name

Gentlemen

attached you will find the original and two copies of the subject Sundry Notice. As a result of a recent implementation of new administrative procedures, we wish to change the name of the subject well, from Tower #1 to Tower 1J-1.

Sincerely

Donald S Barnes  
Operations Manager

DSB/csw  
File C \WP\CSWH\TOWER1J1\NAMECHNG SUN

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

RECEIVED  
FEB 08 1990

1. LEASE DESIGNATION & SERIAL NO  
NOG 8702-1116

2. INDIAN ALLOTTEE OR TRIBE NAME  
Navajo Tribal

3. UNIT AGREEMENT NAME

4. DIVISION OF OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS & MINING  
(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. OIL WELL  GAS WELL  OTHER

6. NAME OF OPERATOR  
Chuska Energy Company

7. ADDRESS OF OPERATOR  
315 North Behrend, Farmington, New Mexico 87401

8. NAME OR LEASE NAME  
lower

9. WELL TO  
1

10. FIELD AND POOL OR BLOCK  
Wildcat

11. SURVEY OR AREA  
S1 T40S R25E

12. COORDINATES (SOUTH OF ANCHOR)  
2441' FSL, 2578' FLL

13. COUNTY STATE  
San Juan Utah

14. AP NO

15. OPERATIONS (SHOW ON OPERATOR'S)

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"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACURE TRAIT	<input type="checkbox"/>	FRAC RE-EVALUATE	<input type="checkbox"/>
SHOOT OR DILL	<input type="checkbox"/>	SHOOTING OR ACIDIFYING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	ABANDON WELL	<input type="checkbox"/>
( ) Change of Name	<input checked="" type="checkbox"/>	( )	<input type="checkbox"/>
AP BOX DATE NO X WELL SERIAL		DATE OF COMPLETION	

18. DATE PROPOSED OR COMMENCED OPERATIONS (Specify date also in details and pertinent dates, including estimated date of starting and ending if it is to be drilled or plugged back to a different reservoir and the critical depths or all markers and times certain to this date)

Must be accompanied by completion verification report

Change Name from

Tower #1  
2441' FSL/2578' FFI  
Sec 1, Twn 40S Rge 25E  
San Juan County Utah

To

Tower 1J-1  
2441' FSL/2578' FEL  
Sec 1, Twn 40S Rge 25E  
San Juan County Utah

OIL AND GAS	
1	RIF
133	CLH
100	SLS
WCR	
MICROFILM	
FILE	

19. I hereby certify that the preceding data is true and correct

SIGNED Donald S. Barnes TITLE Operations Manager DATE 02/06/90

(This space for the use of the State of Utah)

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

CONDITIONS OF APPROVAL IF ANY \_\_\_\_\_

CHUSKA ENERGY COMPANY

10 POINT DRILLING PLAN

Tower Well No 1  
Section 1, Township 40S, Range 25E  
2441 FSL, 2578 FEL  
San Juan County, Utah

1 SURFACE FORMATION

Geological name of surface formation Morrison

2 ELEVATION

Surface elevation is 5,178 GR

3 ESTIMATED FORMATION TOPS

<u>Depth</u>	<u>Formation</u>	<u>Sub Sea</u> <u>Elevation</u>	
Surface	Morrison	+ 5178	
1851	Chinle	+ 3327	
2941	Organ Rock	+ 2237	
3561	Cedar Mesa	+ 1617	
4741	Hermosa	+ 437	Oil/Gas
5717	Upper Ismay	- 539	Oil/Gas
5855	Lower Ismay	- 677	Oil/Gas
5939	Desert Creek	- 761	Oil/Gas
6028	Total Depth	- 850	

4 PROPOSED CASING/CEMENTING PROGRAM

	<u>Depth</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Coupling</u>
Surface	500	8 5/8	24 0 ppg	K-55	STC
Production	6,028	5 1/2	15 5 ppg	K-55	STC

Surface Cementing

370 sx (424 ft<sup>3</sup>) Class G cement with 2/ CaCl<sub>2</sub> and 1b/sk  
Celloflake weight = 15 8 ppg, yield = 1 15 ft<sup>3</sup>/sk Slurry  
volume will be calculated at 100/ excess over annular  
volume

## Production Cementing

### First Stage

TD to 3500 (stage collar @ ± 3500 ) Lead with 180 sx Class G cement, 65 35 Pozmix with 6/ gel and 1b/sk Celloflake Weight = 12 7 ppg, yield = 1 85 ft<sup>3</sup>/sk Tail with 100 sx Class G cement with 2/ CaCl<sub>2</sub> Weight = 15 8 ppg, yield = 1 15 ft<sup>3</sup>/sk Total of 450 ft<sup>3</sup>

### Second Stage

3500 to surface Lead with 270 sx Class G cement, 65 35 Pozmix with 6/ gel and 1b/sk Celloflake Weight = 12 7 ppg, yield = 1 85 ft<sup>3</sup>/sk Tail with 100 sx Class G cement with 2/ CaCl<sub>2</sub> Weight = 15 8 ppg, yield = 1 15 ft<sup>3</sup>/sk Total of 616 ft<sup>3</sup>

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

## 5 BLOWOUT PREVENTER (See attached schematics)

As abnormal pressure is not anticipated, a 2000 psi BOP system would be sufficient for the drilling of this well However, due to availability constraints, a 3000 psi system will be used, as per the attached Exhibits A and B This will be a 10 x 900 Series double ram preventer, equipped with a set of pipe and blind rams

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

## 6 PROPOSED MUD PROGRAM

### Surface to 3500

Fresh water, gel, lime and native solids Weight 8 3 - 8 7 ppg Gel/lime sweeps as necessary for hole cleaning

### 3500 to Total Depth

Low solids, non-dispersed polymer system Weight 8 6 - 8 8 ppg Gel/lime sweeps as hole conditions dictate for hole cleaning Fluid loss to be maintained at 15 cc or less Fluid loss to be further reduced to 10 cc or less prior to coring, logging or DSTs

7 AUXILIARY EQUIPMENT

- A A Kelly cock will be installed during drilling operations, with handle available on the rig floor
- B Floor (stabbing) valves will be available, on the rig floor at all times, with necessary subs to fit all of the drilling assemblies
- C Mud will be the circulating fluid No abnormal formation pressures are expected

8 WELL EVALUATION

Open hole electric logging program will consist of a minimum program of DLL-MSFL-SP-GR-Cal, FDC-CNL-GR-Lithodensity from TD to 4000

Drill stem testing will be as per the wellsite geologist's recommendations, based on shows A mud logging unit will be utilized during drilling operations from 4000 to TD

9 ABNORMAL PRESSURES/GAS

Abnormal pressures are not anticipated Monitoring of gas and hydrocarbon shows will be by wellsite mud logging unit H<sub>2</sub>S gas is not anticipated however regular checks will be made while drilling the well

10 TIMING

The drilling and evaluation of this well is estimated to be 15 days Anticipated spud date is 2-28-90

EXHIBIT "A"  
BLOWOUT PREVENTER

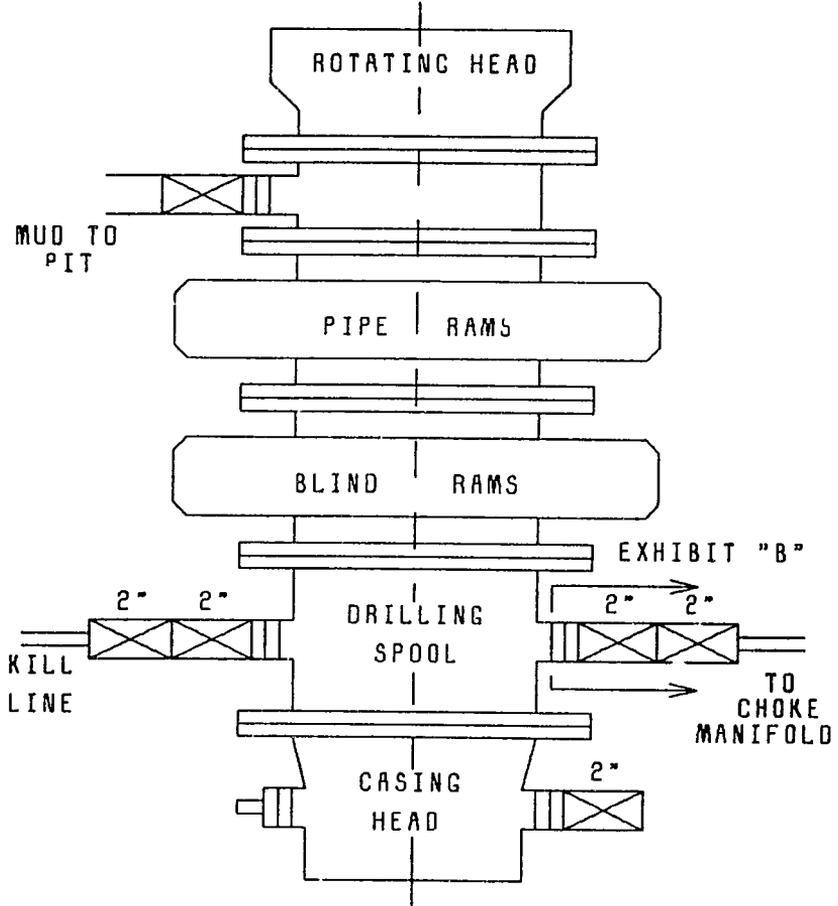
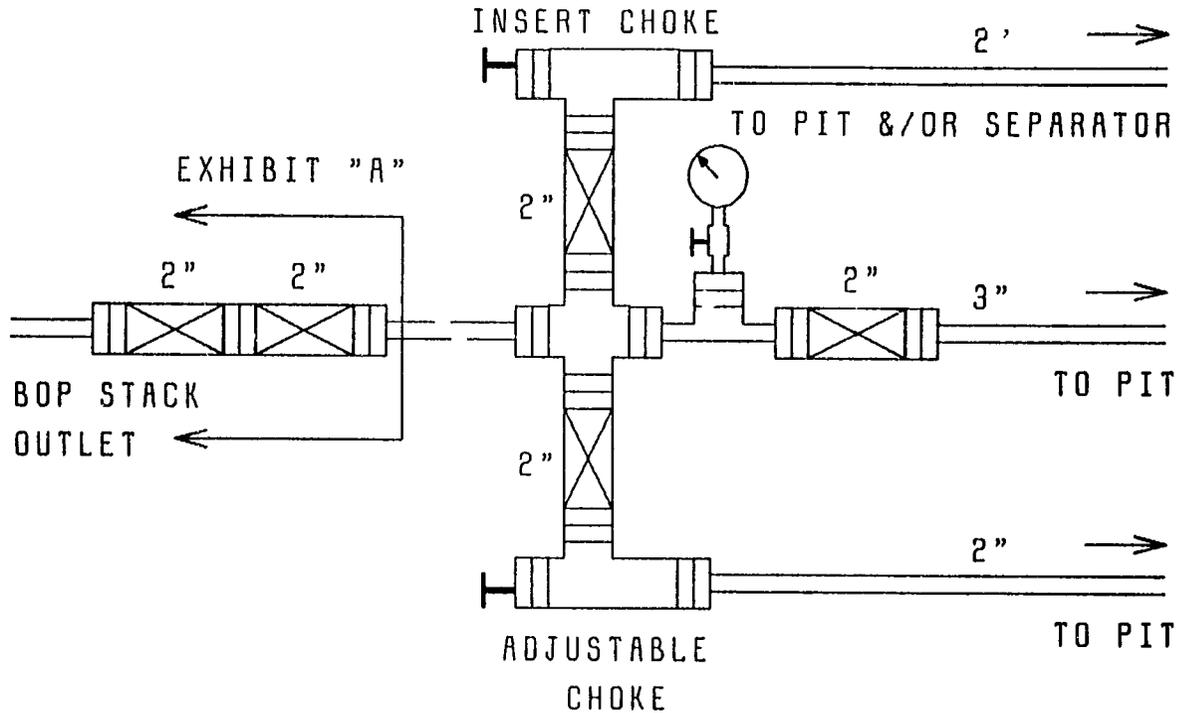


EXHIBIT "B"  
CHOKE MANIFOLD



## DETAILED DRILLING PROGRAM

DATE January 23, 1990

WELL NAME Tower WELL NO : 1

LOCATION Section 1, Township 40S, Range 25E  
2441 FSL, 2578 FEL  
San Juan County, Utah

ELEVATION 5178 GR

TOTAL DEPTH 6028

PROJECTED HORIZON Upper Ismay at 5717 , Lower Ismay at 5855

### DRILLING, CASING AND CEMENTING PROGRAM

- 1 Move in and rig up rotary tools Notify BLM of time of spud and intent to run surface casing
- 2 Drill mouse hole and rat hole Mix mud prior to spudding well
- 3 Drill 12 hole to  $\pm$  500 Use fresh water gel/lime spud mud for drilling surface hole Well bore inclination is not to exceed 1 at 500 Deviation surveys will be run at 250 and at casing point
- 4 Run 8 5/8', 24 ppf, K-55, STC casing to TD Cement with 370 sx (424 ft<sup>3</sup>) of Class G cement with 2/ CaCl<sub>2</sub> and 1b/sk Celloflake (sufficient slurry volume to circulate cement to surface)
- 5 W O C a minimum of 4 hours prior to nipping up BOP stack and related equipment See BOP schematics for details
- 6 Pressure test BOP to 2000 psi for 30 minutes Pressure test manifold and all related equipment to 2000 psi Pressure test casing to 1500 psi for 30 min
- 7 Drill out surface casing with 7 7/8 bit Drill 7 7/8 hole to TD Deviation surveys are to be taken every 500 or on bit trip whichever occurs first Maximum allowable deviation will be 5 at TD with the maximum allowable rate of change to be 1/100
- 8 Run open hole logs and evaluate Drill stem test as per wellsite geologist's recommendation
- 9 If well is determined to be commercial, run 5 , 15 5 ppf,

K-55, STC casing to TD Set stage cementing collar at  
± 3500 Cement in two stages as per cementing program in  
10-point Drilling Plan

- 10 Nipple down BOPE Set 5 casing slips, cut off casing  
Install well head Release drilling rig and move rig off  
location
- 11 If well is non-productive it will be plugged and abandoned  
as per State, BLM and Navajo Tribal stipulations

Tower Well No 1  
Section 1, Townsh.p 40S, Range 25E  
2441 FSL, 2578 FEL  
San Juan County, Utah

GENERAL COMPLETION PROCEDURE

If the well is determined to be productive, move in completion rig Perforate, acidize, and test each productive porosity zone Completion work will commence after Sundry Notice approval is received Detailed procedures will follow

PLUGGING AND ABANDONMENT

If the well is determined not to be productive, the well bore will be plugged as per BLM, State and Navajo Tribal instructions

Tower Well No 1  
Section 1, Township 40S, Range 25E  
2441 FSL, 2578 FEL  
San Juan County, Utah

SURFACE USE PLAN

1 EXISTING ROADS

Shown on the attached topographic map are the existing roads in the immediate area. Outlined is the route to be followed from Aneth, following the Hovenweep Road (exhibit 1). Existing roads will be maintained, as necessary, while operations are in progress.

2 PLANNED ACCESS ROAD (SHOWN IN RED)

The access road as shown on the attached topographic map will exit from the Hovenweep Road. The road will be flat bladed, constructed 14' in width and will be maintained as necessary to prevent excessive damage to the existing terrain. The road will be upgraded if commercial production is established. No more than a quarter mile of new road will be constructed to the location pad.

3 LOCATION OF EXISTING WELLS & TANK BATTERIES

There are no other wells or facilities in the area.

4 LOCATION OF EXISTING AND PROPOSED FACILITIES

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

5 LOCATION & TYPE OF WATER SUPPLY

Water will be acquired from a private source. The water will be hauled from a flowing well permitted to Hay Hot Oil Inc., permitted under Water Right 09-1419, A60809.

6 SOURCE OF CONSTRUCTION MATERIALS

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

7 METHODS OF HANDLING WASTE MATERIAL

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

8 ANCILLARY FACILITIES

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

9 WELL SITE LAYOUT

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

10 PLANS FOR RESTORATION OF THE SURFACE

The location is laid out on an east/west trend requiring 7' of cut on the southwest corner and 11' of fill on the northeast corner. Top soil removed from the pad will be stored at the well site. A reserve pit will be built on terrain containing sparse native vegetation. After drilling operations are complete, drilling fluid in the reserve pit will be allowed to evaporate. All remaining fluid in the pit will be disposed of into an approved disposal site. The reserve pit will remain fenced during the evaporation and disposal process. The pit will then be covered and the topsoil will be returned to the disturbed area. The terrain will be returned as near to its original condition as possible. Rehabilitation seeding will be in accordance with APD/BLM/BIA stipulations. There are no residents in the immediate area of the site.

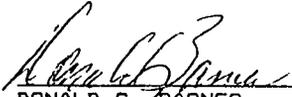
11

OPERATORS REPRESENTATIVE

CHUSKA ENERGY COMPANY  
315 NORTH BEHREND AVENUE  
FARMINGTON, NEW MEXICO 87401  
DONALD S BARNES

12 CERTIFICATION

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

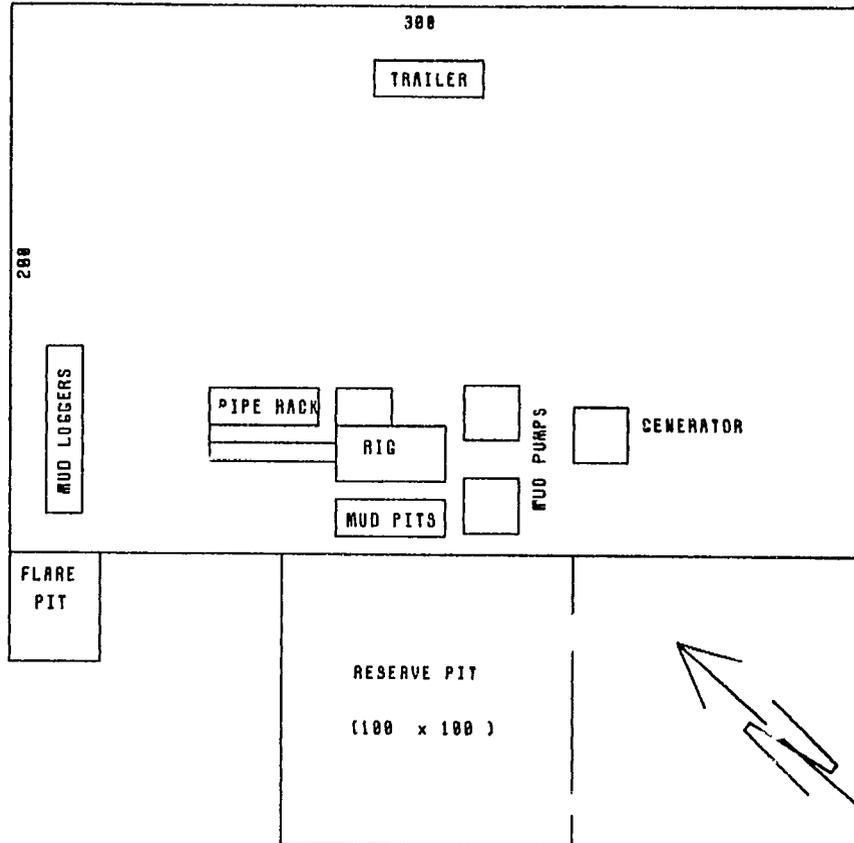
  
\_\_\_\_\_  
DONALD S BARNES  
Operations Manager



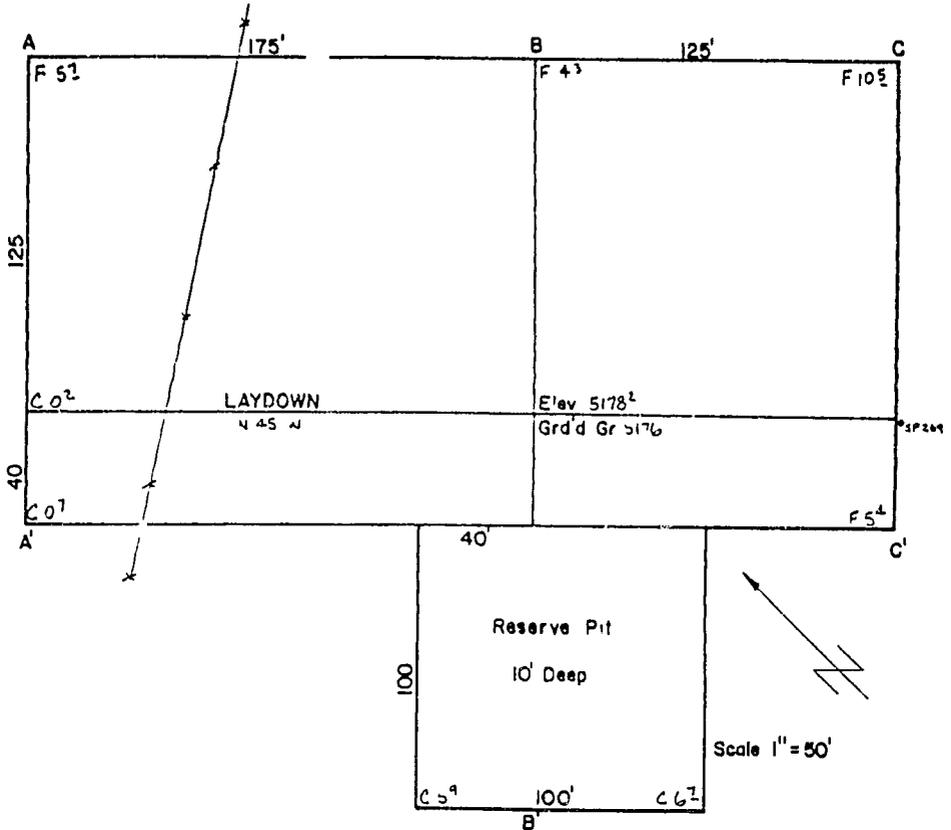
CHUSKA ENERGY COMPANY

LOCATION LAYOUT

TOWER #1  
2441' FSL/2578 FEL  
S1 T18S R2E  
SAN JUAN COUNTY  
UTAH



CHUSKA ENERGY COMPANY  
 TOWER #1  
 2441' FSL & 2578' FSL  
 Sec 1, T40S, R25W  
 San Juan Co, Utah



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

Section	5180	5170	5160	5150	5140	5130	5120	5110	5100
A-A'	[Cross-section diagram showing a rectangular area with a dashed line and a 'Roller Case' label]								
B-B'	[Cross-section diagram showing a rectangular area with a dashed line and a hatched area]								
C-C'	[Cross-section diagram showing a rectangular area with a dashed line]								

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1 OIL WELL  GAS WELL  OTHER

2 NAME OF OPERATOR  
Chuska Energy Company

3 ADDRESS OF OPERATOR  
3315 Bloomfield Highway, Farmington New Mexico 87401

4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements  
See also space 17 below)  
at surface 2,441 FSL 2,578 FEL

14 PERMIT NO 43-037-31495

15 ELEVATIONS (Show whether OF AT OR etc.)  
5,178 GR

5 LEASE DESIGNATION AND SERIAL NO  
NOG 8702-1116

6 IF NO AN ALLOT EE OR TRIBE NAME  
Navajo Tribal  
JOINT AGREEMENT NAME

7 FARM OR LEASE NAME  
Tower 1J

8 WELL NO

9 FIELD AND POOL OR BILOCAT  
Wildcat

11 SEC 1 2 3 4 5 6 7 8 9 10 OR BLK AND  
SUBVE OR AREA

12 COUNTY OR PARISH  
San Juan

13 STATE  
Utah

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

NOTICE OF INTENTION TO		SUBSEQUENT REPORT OF:	
TEST WATER SHUT OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) Extension to APD	<input checked="" type="checkbox"/>	(NOTE Report results of multiple completion or well Completion or Recompletion Report and Log Form)	
APPROX DATE WORK WILL START <u>9-30-91</u>		DATE OF COMPLETION	

17 DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details and give pertinent data 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 course pertinent to this work)

\* Must be accompanied by a cement verification report

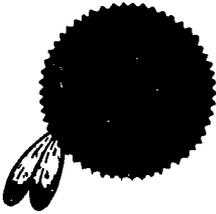
Following reassessment of geological and reservoir data, spud of this well has been delayed Chuska Energy therefore applies for an extension to the APD for the subject well

**FEB 04 1991**  
APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE 2-7-91  
BY [Signature]

18 I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Operations Engineer DATE 30 January 1991  
Christopher S. Hill  
(This space for Federal or State office use)

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

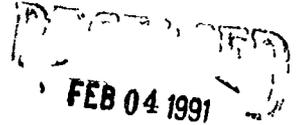


# CHUSKA ENERGY COMPANY

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

P.O. BOX 780 • FARMINGTON NEW MEXICO 87499

30 January, 1991



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

Ref Sundry Notice Tower 1J-1 Well  
Extension of APD

Gentlemen

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

Please advise if you require additional information concerning this submission

Sincerely,

  
Larry G Sessions  
Operations Manager

LGS/csw  
File C \WP51\TOWER 1J\EXTAPD CVR

encl



**RECEIVED**  
FEB 04 1991



# CHUSKA ENERGY COMPANY

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

May 17, 1991

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

Dear Ms Kearney

Please keep all Chuska Energy Company data confidential until further notice

Thanks,

Herbert P Mosca  
Chuska Staff Geologist

RECEIVED

MAY 20 1991

DIVISION OF  
OIL GAS & MINING

FEBRUARY 8, 1994

TO WELL FILE

FROM K M HEBERTSON

RE Status, Tower 1J-1 43-037-31495 1-40S-25E

Per telephone conversation with the operator concerning the status of this well, it was determined that the well will not be drilled and the operator has acknowledged that the APD has expired. The operator has been informed that the APD will need to be refilled in order to drill this well at a future date.

As of the above date the APD has been rescinded and the file sent to the LA archives.

KMH

ENTITY ACTION FORM - FORM 6

ADDRESS \_\_\_\_\_

ACTION CODE	CURRENT ENTITY NO	NEW ENTITY NO	ACT NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	11538	43-037-31513	<i>11</i> BLACK STEER 25E-1	SWNW	25	39S	25E	SAN JUAN		10-1 <sup>0</sup> -93
WELL 1 COMMENTS											
A	99999	11539	43-037-31495	<i>11</i> TOWER #1J-1	NWSE	1	40S	25E	SAN JUAN		10-19-93
WELL 2 COMMENTS											
A	99999	11540	43-037-31551	<i>11</i> SE NAVAJO CYN 3C #1	NENW	3	40S	25E	SAN JUAN		10-19-93
WELL 3 COMMENTS											
A	99999	11541	43-037-31620	<i>11</i> CAJON MESA 5L	NWSW	5	40S	25E	SAN JUAN		10-19-93
WELL 4 COMMENTS											
A	99999	11542	43-037-31621	<i>11</i> SOUTH TRIANGLE 7I	NESE	7	40S	25E	SAN JUAN		10-19-93
WELL 5 COMMENTS											

ACTION CODES (See Instructions on back of form)

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

*je*  
L CORDOYA (DOGM)

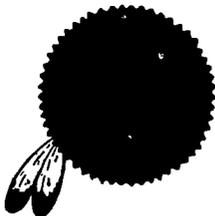
Signature

ADMIN ANALYST 10-19-93

Title Date

Phone No ( )

NOTE Use COMMENTS section to explain why each Action Code was selected



# CHUSKA ENERGY COMPANY

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

February 8, 1990

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

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FEB 12 1990

Ref Application for Spacing Exception

Big Bend 7A-1

772 FNL/201 FEL  
Sec 7, Twn 40S, Rge 20E  
San Juan County, Utah

Tower 1J-1

2441 FSL/2578, FEL  
Sec 1, Twn 40S, Rge 25E  
San Juan County, Utah

Gentlemen

with reference to the above wells (APD s for which were submitted on 01-23-90), Chuska Energy applies for exception to the General State Spacing requirements as follows

Both wells have been staked so as to allow the well bores to penetrate geological structures which have been identified by seismic interpretation Chuska Energy controls the acreage surrounding the proposed sites, as indicated on the attached land plats

Your prompt attention to this application would be greatly appreciated

Sincerely,

Donald S Barnes  
Operations Manager

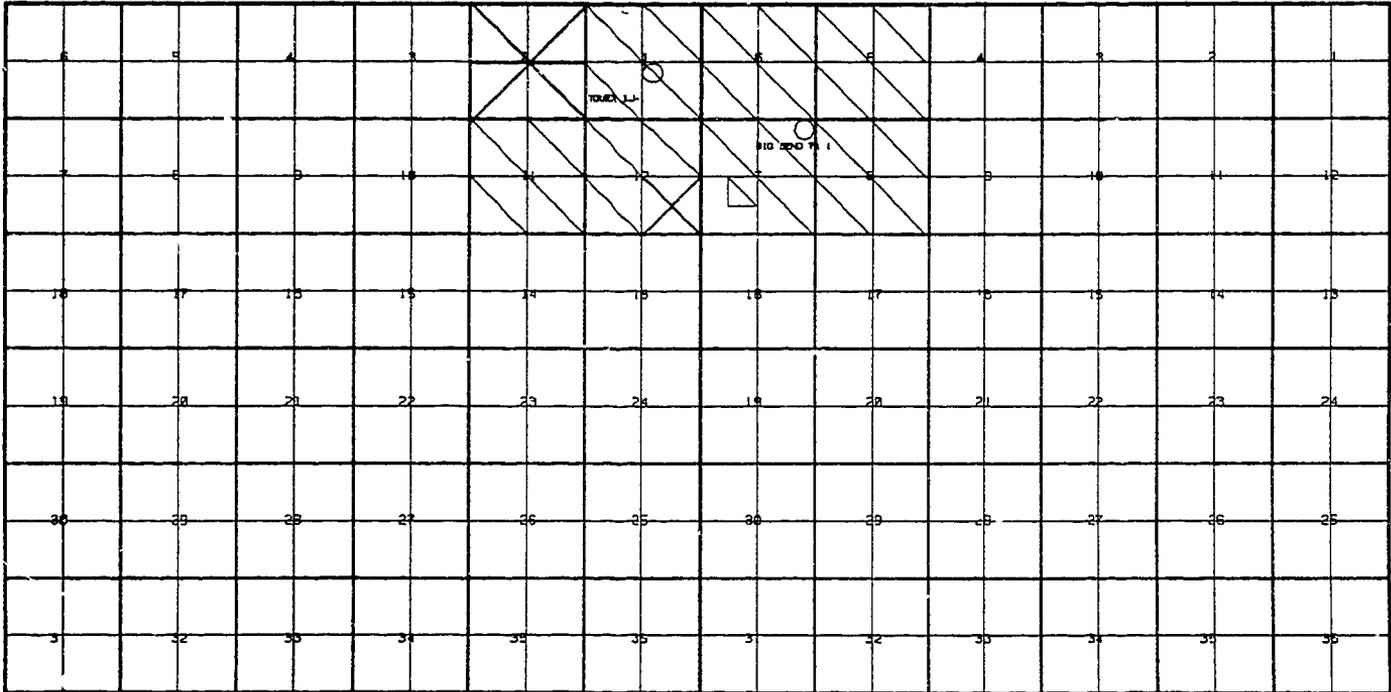
DSB/csw  
File C \WP\CSWH\BBEND7A1\SPACING

MAP LEGEND

-  CECD ACREAGE
-  NON CECD
-  FARM-IN OPTION
-  CONTROLLED BY CECD
-  

48S R25E SAN JUAN COUNTY UTAH

T48S R26E SAN JUAN COUNTY UTAH



AAP LEGEND



CECO ACREAGE



NON CECO



FARM IN OPTION

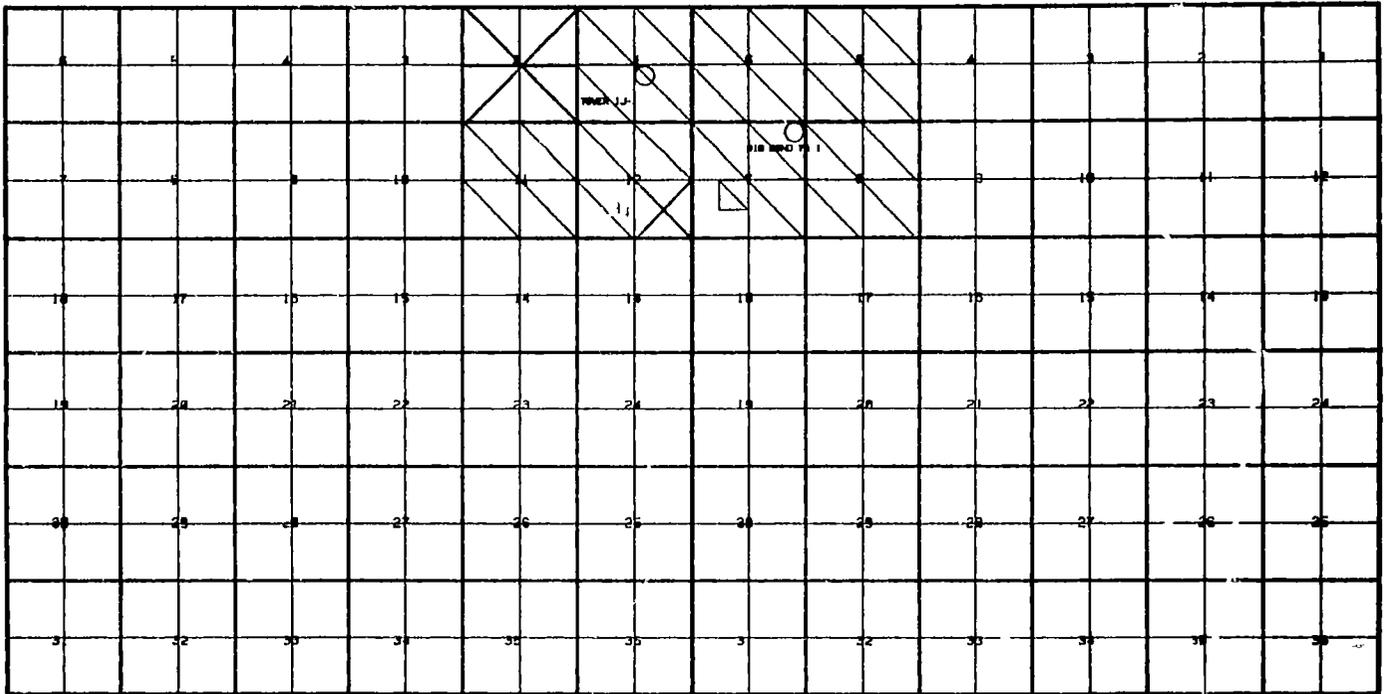


CONTROLLED BY CECO



48S R25E SAN JUAN COUNTY UTAH

T48S R26E SAN JUAN COUNTY UTAH







Norman H. Bangert  
Governor  
Dee L. Hansen  
Secretary of State  
Dianne R. Nielson, Ph.D.  
Director

State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

355 West North Temple  
3rd Floor, Suite 350  
Salt Lake City, Utah 84103-0350  
801 538 5340

February 15, 1990

Chuska Energy Company  
315 North Behrend  
Farmington, New Mexico 87401

Gentlemen

Re Tower #1J 1 NW SE Sec 1, T 40S, R 25E San Juan County, Utah  
2441 FSL, 2578 FEL

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

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

- 1 Spudding notification within 24 hours after drilling operations commence
- 2 Submittal of an Entity Action Form within five working days following spudding and whenever a change in operations or interests necessitates an entity status change
- 3 Submittal of the Report of Water Encountered During Drilling Form 7
- 4 Prompt notification if it is necessary to plug and abandon the well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538 5340, (Home) 298 7695, or Jim Thompson, Lead Inspector, (Home) 298 9318
- 5 Compliance with the requirements of Rule R615 3 20, Gas Flaring or Venting, Oil and Gas Conservation General Rules
- 6 Prior to commencement of the proposed drilling operations plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health Bureau of General Sanitation telephone (801) 538 6121

Page 2  
Chuska Energy Company  
Tower #1J 1  
February 15, 1990

- 7 This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date

The API number assigned to this well is 43 037 31495

Sincerely,



R. J. Firth  
Associate Director Oil & Gas

lcr  
Enclosures  
cc Bureau of Land Management  
Bureau of Indian Affairs  
D R Nielson  
J L Thompson  
WE14/1 2