

UTAH OIL AND GAS CONSERVATION COMMISSION

 REMARKS WELL LOG ELECTRIC LOGS FILE WATER SANDS LOCATION INSPECTED 5' REPORT

Oper Permits 1514-91

 DATE FILED **8-20-90**
 LAND SEC & PATENTED STATE LEASE NO PUBLIC LEASE NO INDIAN **NOG 8702-1116**

 DRILLING APPROVED **8-29-90** **(EXCEPTION LOCATION)**

SPOOLED IN

COMPLETED PUT TO PRODUCING

INITIAL PRODUCTION

GRAVITY API

GCR

PRODUCING ZONES

TOTAL DEPTH

WELL ELEVATION

 DATE ABANDONED **1-10-92**

 FIELD **UNDESIGNATED**

UNIT

 COUNTY **SAN JUAN**

 WELL NO **OAK 11G #1**

 LOCATION **2260' FNL** FT FROM (N) (S) LINE **1520' FNL** FT FROM (E) (W) LINE **API NO. 43-037-31548** **SW NE** 14 - 14 SEC **11**

TWP	RGE	SEC	OPERATOR	TWP	RGE	SEC	OPERATOR
41S	25E	11	CHUSKA ENERGY CO.				



CHUSKA ENERGY COMPANY

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

PO BOX 780 • FARMINGTON, NEW MEXICO 87499

1 August, 1990

AUG 06 1990
RECEIVED

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

Ref: Application for Permit to Drill
Oak 11G-1 Well, San Juan County, Utah

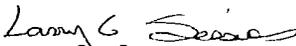
Gentlemen

Attached for your examination and approval is the original and two copies of an Application for Permit to Drill the Oak 11G Well No. 1 in San Juan County, Utah. This well will be drilled as part of an ongoing exploration program.

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

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

Sincerely,


Larry G. Sessions
Operations Manager

LGS/csw
File. C:\WP\OAK.11G\APDCOVER

encl.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

AUG 20 1990

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. Type of Well: **DRILL** **DEEPEN** **PLUG BACK**

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

3. Address of Operator: **P.O. Box 780, Farmington, New Mexico 87499**

4. Location of Well (Report location clearly, and in accordance with any state requirements):
at surface: **2,260' FNL, 1,520' FEL**
at proposed prod zone: **Same** *SWNE*

5. Lease Designation and Serial No.: **NOG 8702-1116**

6. If Indian, Allottee or Tribe Name: **Navajo Tribal**

7. Well Agreement Date: _____

8. Name of Lease Area: **Oak 11G**

9. Well No.: **1**

10. Field and Pool, or Wildcat: **Wildcat Undesignated**

11. 40, 50, 60, 80, 100, 120, 160, 200, or 400 Acres or Survey or Area: **S11 T41S R25E**

12. County or Parish: **San Juan**

13. State: **Utah**

14. Distance in miles and direction from nearest town or post office: **3 miles NE of Aneth**

15. Distance from proposed location to nearest property or lease line, ft (also to nearest drg line, if any): **1,520'**

16. No. of acres in lease: **50,000**

17. No. of acres assigned to this well: _____

18. Distance from proposed location to nearest well, drilling, completed, or applied for, on this lease, ft: **5,701' GR Akah**

19. Rotary or other tools: **Rotary**

20. Elevation (Show whether DT, BT, etc.): **4,551' GR**

21. Approx. date work will start: **11-1-90**

22. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12 1/4"	8 5/8"	24 lb	500'	311 sx 'G' + 28 CaCl ₂
7 7/8"	5 1/2"	15.5 lb	5,701'	134 sx 'G' 65 35 Poz + 6% Gel

Refer to attached io-Point Drilling Plan etc

OIL AND GAS	
DFN	RJF
2 JFB	GLH
DIS	BLS
1-TAS	
2-TAS	
3-TAS	
6 - MICROFILM	
7 - FILE	

18. 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 prevention program, if any.

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

Signed: *[Signature]* Title: **Petroleum Engineer** Date: **1 August, 1990**

(This space for Federal or State office use)

API No. **43-037-31548**

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

DATE: **8-29-90**

BY: *[Signature]*

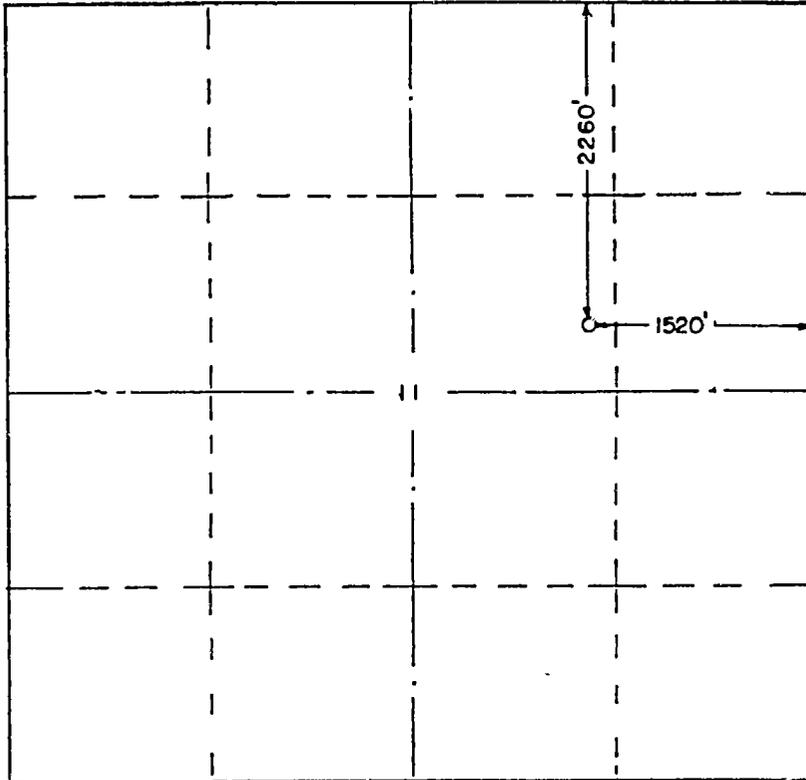
Approved by: _____ Title: _____

Conditions of approval, if any: _____

*See Instructions On Reverse Side

WELL SPACING: **R65 3-3**

WELL LOCATION AND ACREAGE DEDICATION PLAT



WELL LOCATION DESCRIPTION:

CHUSKA ENERGY COMPANY, Oak 11 - G - 1

2260'FNL & 1520'FEL

Section 11, T.41 S., R.25 E., SLM

San Juan, UT.

4551' ground elevation

State plane coordinates from seismic control:

x = 2,687,516

y = 216,556

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

23 July 1990

Gerald G. Muddleston, LS



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

* OAK 11G-1

CHUSKA ENERGY COMPANY

ACREAGE POSITION UNDER THE 1987 OPERATING AGREEMENT



CHUSKA: T41S-R25E, SAN JUAN COUNTY, UTAH

CHUSKA ENERGY COMPANY

10 POINT DRILLING PLAN

Oak 11G Well No. 1
Section 11, Township 41S, Range 25E
2,260' FNL, 1,520' FEL
San Juan County, Utah

1. SURFACE FORMATION

Geological name of surface formation: Morrison

2. ELEVATION

Surface elevation is 4,551' GR.

3. ESTIMATED FORMATION TOPS

<u>Depth</u>	<u>Formation</u>	<u>Sub Sea Elevation</u>	
Surface	Morrison	+ 4,551'	
382'	Navajo	+ 4,169'	
2,484'	DeChelly	+ 2,067'	
2,627'	Organ Rock	+ 1,924'	
3,272'	Cedar Mesa	+ 1,279'	
4,431'	Hermosa	+ 120'	
5,311'	Upper Ismay	- 760'	
5,401'	Lower Ismay	- 850'	
5,501'	Desert Creek	- 950'	Primary Objective
5,631'	Akah	- 1,080'	
5,701'	Total Depth	- 1,150'	

4. PROPOSED CASING/CEMENTING PROGRAM

	<u>Depth</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Coupling</u>
Surface	500'	8 5/8"	24 lb	K-55	STC
Production.	5,701'	5 1/2"	15.5 lb	K-55	STC

Surface Cementing.

371 sx (427 ft³) Class 'G' cement with 2% CaCl₂ and 1/4 lb/sk Celloflake. Weight = 15.8 ppg, yield = 1.15 ft³/sk. Slurry volume will be calculated at 100% excess over annular volume.

First Stage

T.D. to 3,500' (stage collar @ \pm 3,500'). Lead with 160 sx Class 'G' cement, 65:35 Pozmix, with 6% gel and 1/4 lb/sk Celloflake. Weight = 12.7 ppg, yield = 1.85 ft³/sk. Tail with 179 sx Class 'G' cement with 2% CaCl₂. Weight = 15.8 ppg, yield = 1.15 ft³/sk. Total of 501 ft³ Bring Class 'G' slurry to 500' above top of Upper Ismay. Cement volumes calculated at 30% excess in open hole.

Second Stage

3,500' to surface. Lead with 355 sx Class 'G' cement, 65:35 Pozmix with 6% gel and 1/4 lb/sk Celloflake. Weight = 12.7 ppg, yield = 1.85 ft³/sk. Tail with 100 sx Class 'G' cement with 2% CaCl₂. Weight = 15.8 ppg, yield = 1.15 ft³/sk. Total of 772 ft³ Cement volumes calculated at 30% excess in open hole.

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

5. BLOWOUT PREVENTER (See attached schematics)

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

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

6. PROPOSED MUD PROGRAM

Surface to 4,800'

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

4,800' to T.D.

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

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 T.D. to 4,000'.

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 at least 500' above the Upper Ismay.

9. ABNORMAL PRESSURES/GAS

Abnormal pressures are not anticipated. Monitoring of gas and hydrocarbon shows will be by wellsite mud logging unit. H₂S 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 16 days. Anticipated spud date is 11-1-90.

EXHIBIT "A"
BLOWOUT PREVENTER

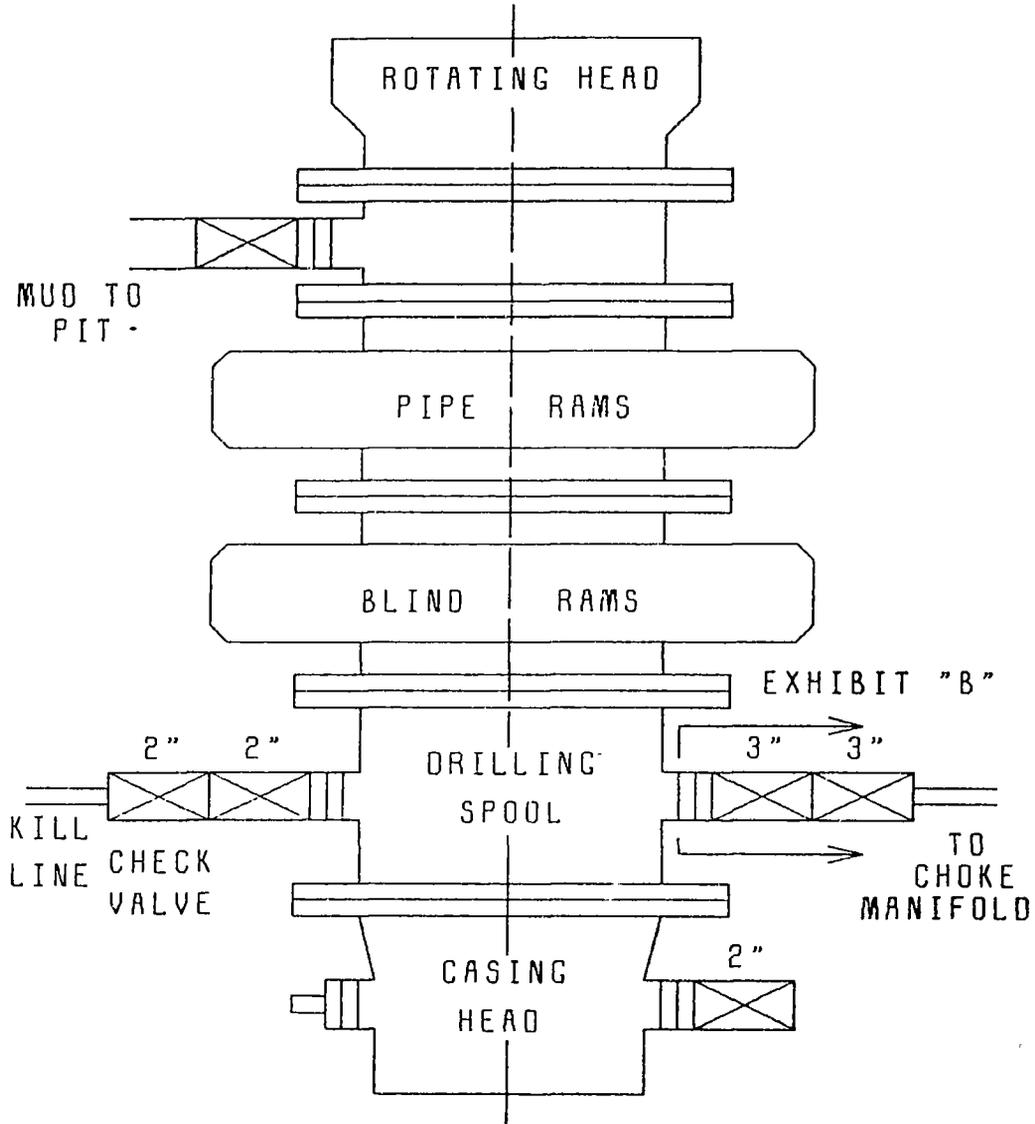
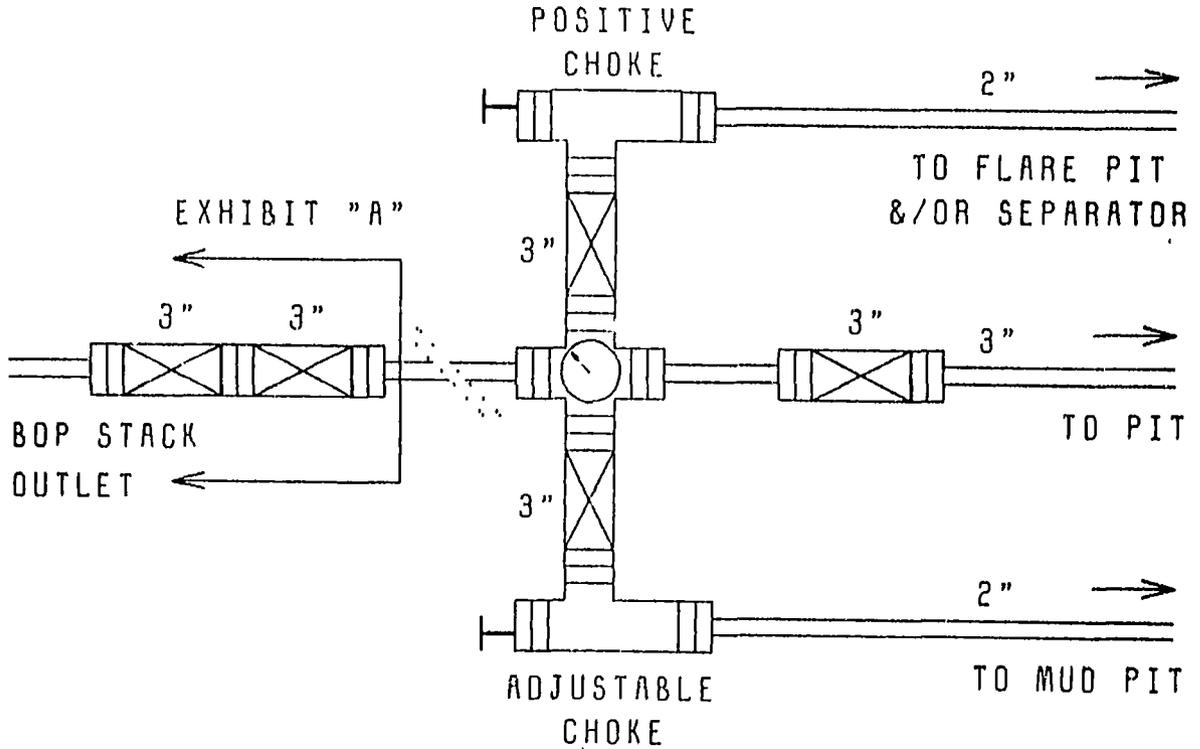


EXHIBIT "B"
CHOKE MANIFOLD



DETAILED DRILLING PROGRAM

DATE: 1 August, 1990

WELL NAME: Oak 11G WELL NO.: 1

LOCATION: Section 11, Township 41S, Range 25E
2,260' FNL, 1,520' FEL
San Juan County, Utah

ELEVATION: 4,551' GR

TOTAL DEPTH: 5,701' GR

PROJECTED HORIZON: Primary target is Desert Creek at 5,501'.

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 1/4" 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 least at 250' and at casing point.
4. Run 8 5/8", 24 lb/ft, K-55, STC casing to T.D. Cement with 371 sx (427 ft³) of Class 'G' cement with 2% CaCl₂ and 1/4 lb/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. Ensure that plug has been down at least 8 hours prior to commencing pressure testing procedures. Pressure test BOP to 2,000 psig for 30 minutes. Pressure test manifold and all related equipment to 2,000 psig. Pressure test casing to 1,500 psig for 30 min.
7. Drill out surface casing with 7 7/8" bit. Drill 7 7/8" hole to T.D. Deviation surveys are to be taken every 500' or on a bit trip, whichever occurs first. Maximum allowable deviation will be 5° at T.D., with the maximum allowable rate of change to be 1°/100'.
8. Run open hole logs and evaluate. Drill stem testing will be as per the wellsite geologist's recommendation.

9. If the well is determined to be productive, run 5 1/2", 15.5 lb/ft, K-55, STC casing to T.D. Set stage cementing collar at $\pm 3,500'$. In addition to placing centralizers over potential production zones, they will also be run to cover the aquifer sands of the Navajo and DeChelly formations, as per BLM stipulations. Cement production casing in two stages as per cementing program in 10-point Drilling Plan.
10. Nipple down BOPE. Set 5 1/2" casing slips and 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.

Oak 11G Well No. 1
Section 11, Township 41S, Range 25E
2,260' FNL, 1,520' 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 requirements.

Oak 11G Well No. 1
Section 11, Township 41S, Range 25E
2,260' FNL, 1,520' 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. Existing roads will be maintained, as necessary, while operations are in progress.

2. PLANNED ACCESS ROAD (SHOWN IN RED)

The access road will be as shown on the attached topographic map. The road will be flat bladed, constructed 14' in width and will be maintained as necessary to prevent excessive damage to the existing terrain. The road will be upgraded if commercial production is established. Approximately 3/4 mile of new road will be required to be constructed to the location pad.

3. LOCATION OF EXISTING WELLS & TANK BATTERIES

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

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

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

5. LOCATION & TYPE OF WATER SUPPLY

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

6. SOURCE OF CONSTRUCTION MATERIALS

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

7. METHODS OF HANDLING WASTE MATERIAL

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

8. ANCILLARY FACILITIES

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

9. WELL SITE LAYOUT

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

10. PLANS FOR RESTORATION OF THE SURFACE

The location is laid out on a south west/north east trend and is on essentially level ground, requiring only minimal (approximately 6') of cut in the eastern corner of the location pad. Top soil removed from the pad will be stored at the well site. A reserve pit will be built on terrain containing sparse native vegetation. After drilling operations are complete, drilling fluid in the reserve pit will be allowed to evaporate. All remaining fluid in the pit will be disposed of into an approved disposal site. The reserve pit will remain fenced during the evaporation and disposal process. The pit will then be covered and the topsoil will be returned to the disturbed area. The terrain will be returned as near to its original condition as possible. Following operations, rehabilitation seeding will be in accordance with APD/BLM/BIA stipulations. There are no residents in the immediate area of the site.

11. OPERATORS REPRESENTATIVE

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

12. CERTIFICATION

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

LARRY G. SESSIONS
Operations Manager

CHUSKA ENERGY COMPANY

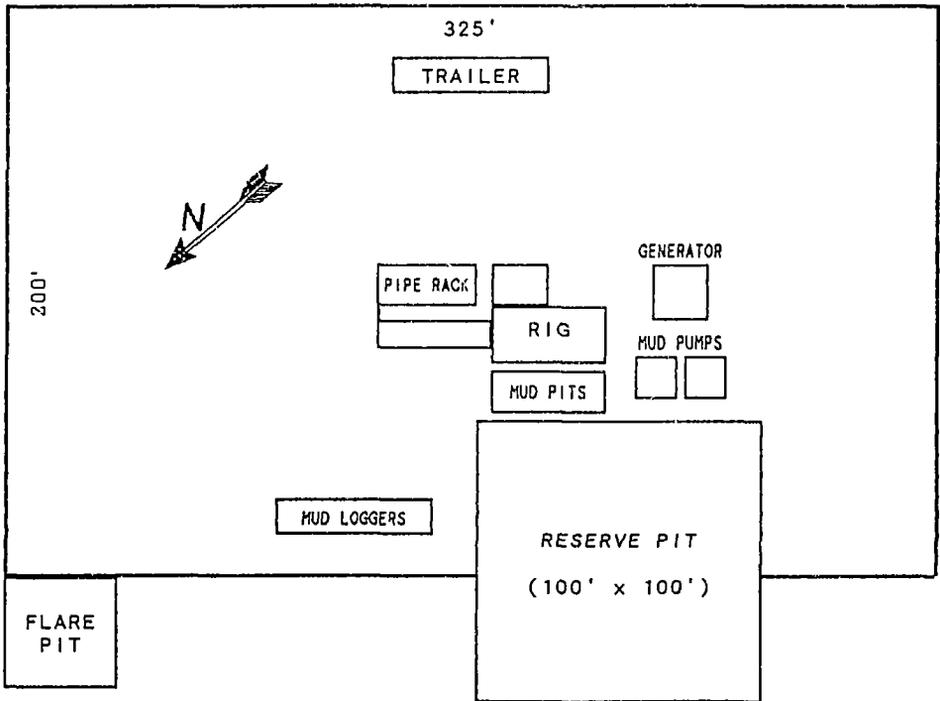
LOCATION LAYOUT

OAK 11G-1

2,260' FNL, 1,520' FEL

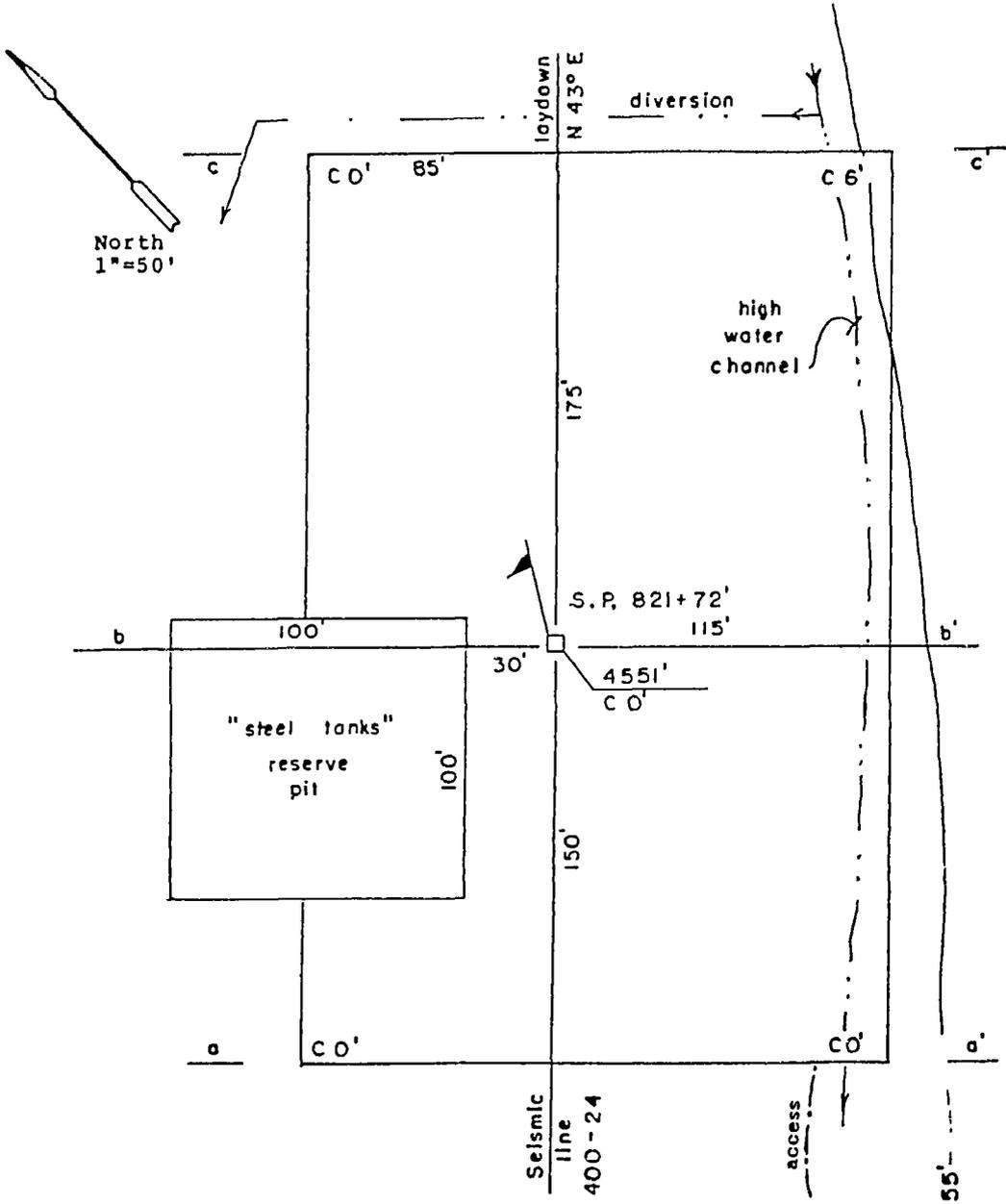
SECTION 11, TOWNSHIP 41S, RANGE 25E

San Juan COUNTY, Utah



Plan View Sketch

Oak 11 - G - 1

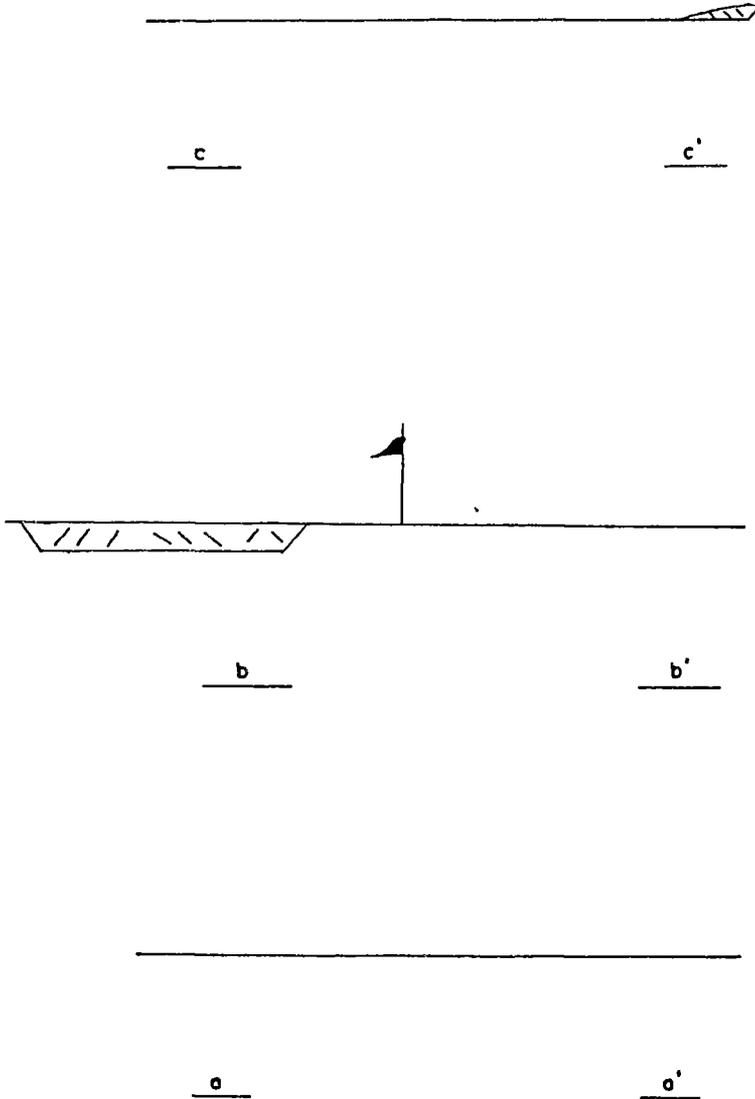


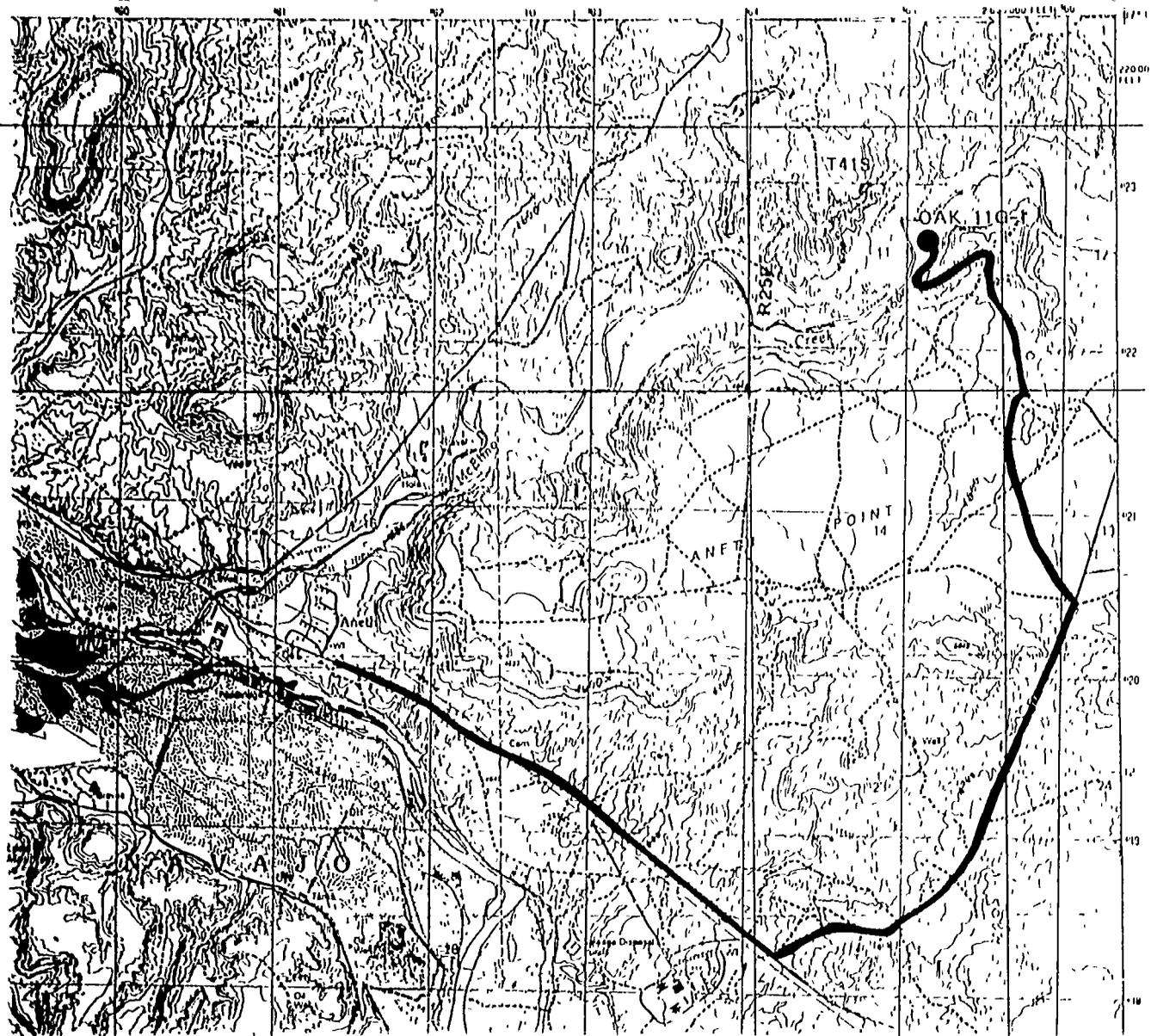
Cross Section

Oak 11 - G - 1

Cut 
Fill 

1"=50' Horz. & Vert.





TEMPORARY

FILING FOR WATER IN THE STATE OF UTAH

RECEIVED Rec. by [initials] Fee Rec. 3006 Receipt # 28801 Microfilmed Roll #

JUL 05 1999

JUN 29 1990

APPLICATION TO APPROPRIATE WATER

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

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

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

2. OWNER INFORMATION Name(s): Chuska Energy Company *Interest: 100% Address: P. O. Box 780 City: Farmington State: New Mexico Zip Code: 87499 Is the land owned by the applicant? Yes No X (If "No", please explain in EXPLANATORY section)

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

4. SOURCE: San Juan River *DRAINAGE: which is tributary to which is tributary to POINT(S) OF DIVERSION: COUNTY: San Juan

At bridge crossing of highway 262 at the city of Montezuma Creek, Utah S. 350 ft. & E. 1150 ft. from NW Cor. Sec. 5, T41S, R24E, SLB&M

Description of Diverting Works: Water truck and portable pump *COMMON DESCRIPTION: Montezuma Creek, Utah Montezuma Creek Quad

5. POINT(S) OF REDIVERSION The water will be rediverted from N/A at a point

Description of Diverting Works

6. POINT(S) OF RETURN The amount of water consumed will be cfs or 18 ac-ft The amount of water returned will be cfs or N/A ac-ft The water will be returned to the natural stream/source at a point(s)

7. STORAGE Reservoir Name N/A Storage Period from to Capacity ac-ft Inundated Area acres Height of dam feet Legal description of inundated area by 40 acre tract(s)

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

TEMPORARY

Appropriate

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

9. NATURE AND PERIOD OF USE

TEMPORARY

Irrigation	From _____	to _____
Stock watering	From _____	to _____
Domestic	From _____	to _____
Municipal	From _____	to _____
Mining	From _____	to _____
Power	From _____	to _____
Other Oil & Gas Exploration	From <u>8/1990</u>	to <u>11/1990</u>

10. PURPOSE AND EXTENT OF USE

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

11. PLACE OF USE

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

12. EXPLANATORY

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

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

A. Merle Myers
 Signature of Applicant(s)*

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

 Authorized Agent (please print)

 Authorized Agent (signature)

TEMPORARY

STATE ENGINEER'S ENDORSEMENT

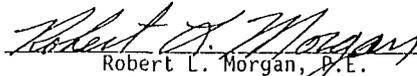
WATER RIGHT NUMBER 09 - 1722

APPLICATION NO T64794

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

Conditions:

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


Robert L. Morgan, P.E.
State Engineer

OPERATOR Chuska Energy Company DATE 8-10-90

WELL NAME Oak 11G #1

SEC SWE 11 T 41S R 05E COUNTY San Juan

13-037-31548
API NUMBER

Indian
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

Exception Location
Water Permit 09-17065 (T164794)

APPROVAL LETTER:

SPACING:

R615-2-3

N/A
UNIT

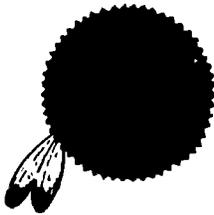
R615-3-2

N/A
CAUSE NO. & DATE.

R615-3-3

STIPULATIONS:

cc BIA



CHUSKA ENERGY COMPANY

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

15 August, 1990

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

RECEIVED
AUG 20 1990
DIVISION OF
OIL, GAS & MINING

Attn: Tammy Searing

Ref: Application for Permit to Drill
Oak 11G-1 Well, San Juan County, Utah

Dear Ms Searing

as per our telephone conversation of this morning, please find attached a 'clean' copy of our APD submission for the Oak 11G Well No. 1 in San Juan County, Utah.

Also attached are details of acreage designation for the Lone Mountain Creek prospect.

Our apologies for any inconvenience. Please advise the undersigned if you require further information.

Sincerely,

Christopher S W Hill
Petroleum Engineer

CSWH/csw
File. C:\WP51\OAK.11G\APDSUP

encl.



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

Norman H. Bangert
Governor
Dee C. Hansen
Executive Director
Dianne R. Nielson Ph.D.
Division Director

355 West North Temple
3 Triad Center Suite 350
Salt Lake City Utah 84103 1203
801 538 5340

August 29, 1990

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

Gentlemen:

Re. Oak 11G #1 - SW NE Sec 11, T 41S, R 25E - San Juan County, Utah
2260' FNL, 1520' 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

Page 2
Chuska Energy Company
Oak 11G #1
August 29, 1990

6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-037-31548

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

tas
Enclosures
cc. Bureau of Land Management
Bureau of Indian Affairs
J. L. Thompson
WE14/1-6

43-047-31548



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,

A handwritten signature in cursive script, appearing to read "Herb".

Herbert P. Mosca
Chuska Staff Geologist

RECEIVED

MAY 20 1991

DIVISION OF
OIL GAS & MINING

ENTITY ACTION FORM - FORM 6

ADDRESS _____

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				SPUD DATE	EFFECTIVE DATE
					QQ	EC	TP	RG		
A	99999	11558	43-037-31548	<i>Unit</i> OAK 11G #1	SWNE	11	41S	25E	SAN JUAN	10-19-93
WELL 1 COMMENTS:										
A	99999	11559	43-037-31516	<i>Unit</i> SAND DUNE 2N #1	SESW	2	42S	23E	SAN JUAN	10-19-93
WELL 2 COMMENTS:										
A	99999	11560	43-037-31519	<i>Unit</i> DESERT CREEK 2G #2	SWNE	2	42S	23E	SAN JUAN	10-19-93
WELL 3 COMMENTS:										
A	99999	11561	43-037-31571	<i>Unit</i> ANASAZI 6H #1	SENE	6	42S	24E	SAN JUAN	10-19-93
WELL 4 COMMENTS:										
A	99999	11562	43-037-31628	<i>Unit</i> BAT 8-L	NWSW	8	42S	24E	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)

lc
L. CORDOVA (DOGMA)

Signature

ADMIN, ANALYST

10-19-93

Title

Date

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

Phone No. () _____

FEBRUARY 8, 1994

TO: WELL FILE

FROM: K. M. HEBERTSON

RE: Status, Oak 11G-1 43-037-31548 11-41S-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 refiled 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

STATE OF UTAH
 DIVISION OF OIL, GAS AND MINING
 OIL AND GAS INSPECTION RECORD

WELL NAME: OAK 116 #1 LEASE:
 API: 4303731548 WELL NO:
 QTR/QTR: SWNE SECTION: 11 TWP: S410 RANGE: E250
 LOCATION: 2260N1520E FIELD:
 OPERATOR: CHUSKA ENERGY COMPANY

CONTRACTOR:

DRILLING / COMPLETION / WORKOVER			
Y ASD	WELL SIGN	HOUSEKEEPING	BOPE
SAFETY	POLL. CONTROL	SURFACE USE	PITS
OPERATIONS	OTHER		
SHUT-IN / TA:			
WELL SIGN	HOUSEKEEPING	EQUIPMENT	SAFETY
SHUT-IN	TA	OTHER	
ABANDONED:			
MARKER	HOUSEKEEPING	REHAB	OTHER
PRODUCTION:			
WELL SIGN	HOUSEKEEPING	EQUIPMENT	FACILITIES
METERING	POLL. CONTROL	PITS	DISPOSAL
SECURITY	SAFETY	OTHER	
GAS DISPOSITION:			
VENTED/FLARED	SOLD	LEASE USE	

LEGEND: Y - YES OR SATISFACTORY
 N - NO OR UNSATISFACTORY
 A - NOT APPLICABLE

FACILITIES INSPECTED:

REMARKS:
 NO GROUND DISTURBED

ACTION:

INSPECTOR: GLENN GOODWIN

DATE: 93/05/05