

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS WELL LOG EFFECTIVE DATE FILE **X** WATER SANDS LOCATION INSPECTED SUB REPORT/abd

DATE FILED **4-02-90**

LAND FEE & PAIEMENT STATE LEASE NO PUBLIC LEASE NO INDIAN NOG **8702-1116**

DRILLING APPROVED **4-25-90 (EXCEPTION LOCATION)**

SPUDED IN

COMPLETED PUT TO PRODUING

INITIAL PRODUCTION

GRAVITY API

GOR

PRODUCING ZONES

TOTAL DEPTH

WELL ELEVATION

DATE ABANDONED **12-7-90**

FIELD **WILDCAT**

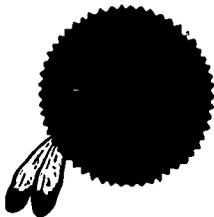
UNIT

COUNTY **SAN JUAN**

WELL NO **MEANDER 2D #1** API NO. **43-037-31525**

LOCATION **230' FNL** FT FROM (N) IS' LINE **140' FWL** FT FROM (E) W' LINE **NWNW** **1 4 - 1/4 SEC 2**

TWP	RGE	SEC	OPERATOR	TWP	RGE	SEC	OPERATOR
				41S	21E	2	CHUSKA ENERGY COMPANY



CHUSKA ENERGY COMPANY

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

RECEIVED
APR 02 1990

DIVISION OF
OIL, GAS & MINING

March 29, 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

Ref: Application for Permit to Drill: Meander 2D Well No. 1, San Juan County, Utah

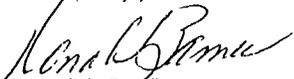
Gentlemen

Attached for your examination and approval is the original and two copies of an Application for Permit to Drill the Meander 2D 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 nature of the terrain immediately surrounding the location precludes siting the well 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.

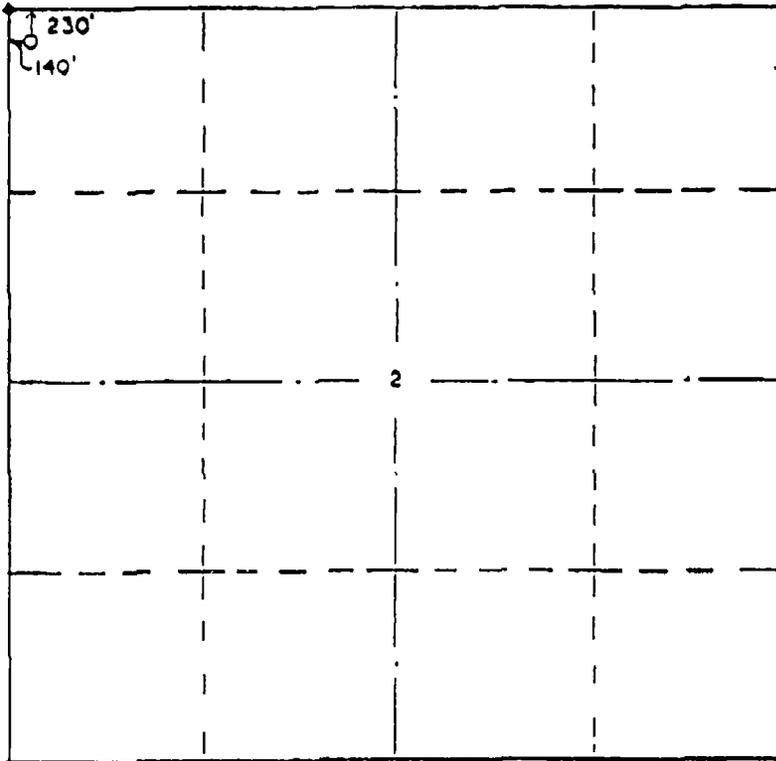
Sincerely,


Donald S. Barnes
Operations Manager

DSB/csw
File: C:\WP\CSWH\MEANDER.2D\APDCOVER

encl.

WELL LOCATION AND ACREAGE DEDICATION PLAT



WELL LOCATION DESCRIPTION:
 Chuska Energy Company, Meander: 2 - D - 1
 230' FNL & 140' FWL
 Section 2, T.41 S., R.21 E., SLM
 San Juan County, Utah
 4957' ground elevation
 State plane : x = 2,557,447. y = 221,056.
 plus or minus 5', based on existing seismic control

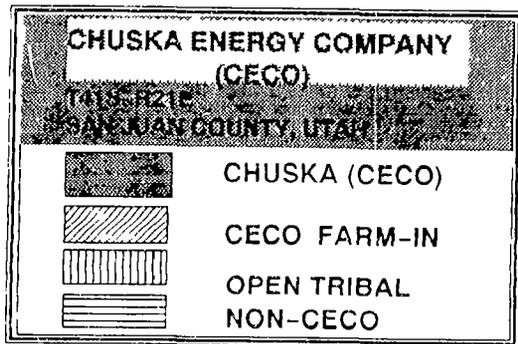
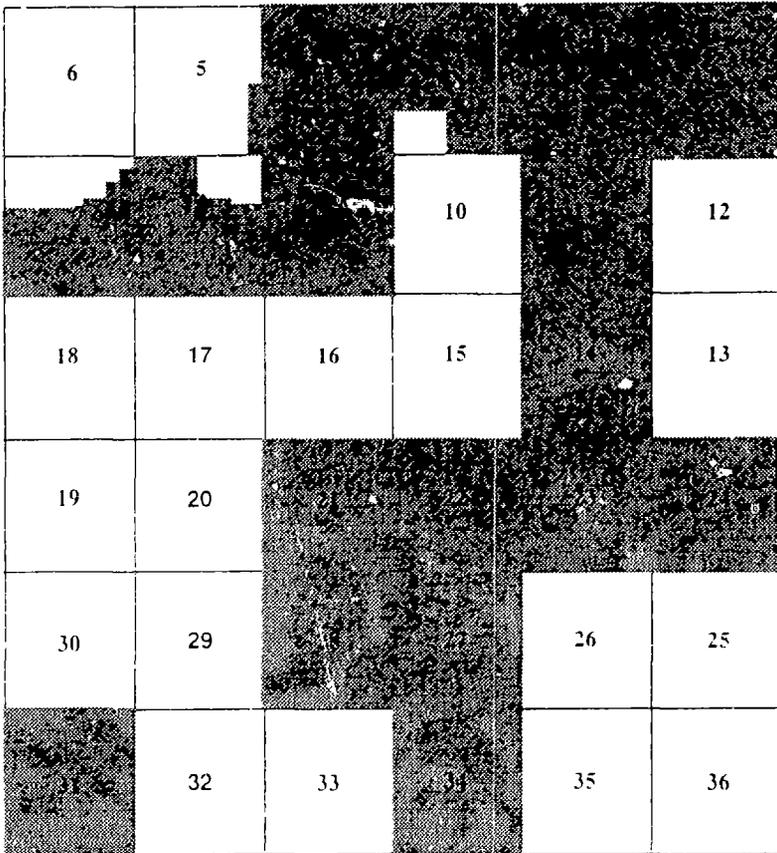
The above plat is true and correct my knowledge and belief.

25 March 1990

Gerald G. Huddleson



213 East Montezuma Avenue • Cortez, Colorado 81321 • 303-565-3330



CHUSKA ENERGY COMPANY

10 POINT DRILLING PLAN

Meander 2D Well No. 1
Section 2, Township 41S, Range 21E
230' FNL, 140' FWL
San Juan County, Utah

1. SURFACE FORMATION

Geological name of surface formation: Bluff

2. ELEVATION

Surface elevation is 4,957' GR.

3. ESTIMATED FORMATION TOPS

<u>Depth</u>	<u>Formation</u>	<u>Sub Sea Elevation</u>	
Surface	Bluff	+ 4957	
777	Navajo	- 4220	
1357	Wingate	+ 3500	
1637	Chinle	+ 3320	
2497	DeChelly	+ 2460	
2627	Organ Rock	+ 2270	
3547	Cedar Mesa	- 1410	
4487	Hermosa	+ 470	
5017	Upper Ismay	360	
5402	Lower Ismay	- 445	Primary Target
5477	Desert Creek	- 520	Primary Target
7057	Alam	- 710'	
5932	Barker Creek	- 915	
6117	Pinker Lion Trail	1170	
6347	Milne	- 1370	
6507	Mississippian	- 1516	Secondary Target
7357	Total Depth	- 2600	

4. PROPOSED CASING/CEMENT/INC PROGRAM

	<u>Depth</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Coupling</u>
Surface	500	8 5/8"	24.0 ppf	K-55	STC
Production:	7,557	5 1/2"	See detail below		

Detailed production string (5 1/2"):

<u>Interval</u>	<u>Weight</u>	<u>Grade</u>	<u>Coupling</u>
0 - 40	20.0 ppf	N-80	LTC
40 - 5,530	15.5 ppf	K-55	LTC
5,510 - 6,090'	20.0 ppf	N-80	LTC
6,090 - 6,500	15.5 ppf	K-55	LTC
6,500 - 7,557	17.0 ppf	K-55	LTC

Surface Cementing:

371 sk (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.

Production Cementing:

First Stage

To 1,700 (stage collar 0 - 4,700). Lead with 211 sk Class 'G cement, 65:35 Polymer, with 6% gel and 1/4 lb/sk Celloflake. Weight = 12.7 ppg, yield = 1.85 ft³/sk. Tail with 100 sk Class 'G cement with 2% CaCl₂. Weight = 15.8 ppg, yield = 1.15 ft³/sk. Total of 506 ft³.

Second Stage

4,700 to surface Lead with 383 sk Class 'G cement, 65:35 Polymer with 6% gel and 1/4 lb/sk Celloflake. Weight = 12.7 ppg, yield = 1.85 ft³/sk. Tail with 100 sk Class 'G cement with 2% CaCl₂. Weight = 15.8 ppg, yield = 1.15 ft³/sk. Total of 824 ft³.

Note: Exact slurry volumes on 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 sand 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 5400'

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

5400 to TD

Retorted salt water, starch, salt gel. Weight 10.0 - 10.5 ppg, viscosity 15 - 10 sec/qt. 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. Mud system to be fully conditioned and conditioned prior to drilling into the Arkon at \pm 5660'.

7. AUXILIARY EQUIPMENT

- 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. LOGGING PROGRAM

Open hole electric logging program will consist of a minimum program of DLL-MSFL-3P-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. 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 24 days. Anticipated spud date is 7-15-90.

EXHIBIT "A"
BLOWOUT PREVENTER

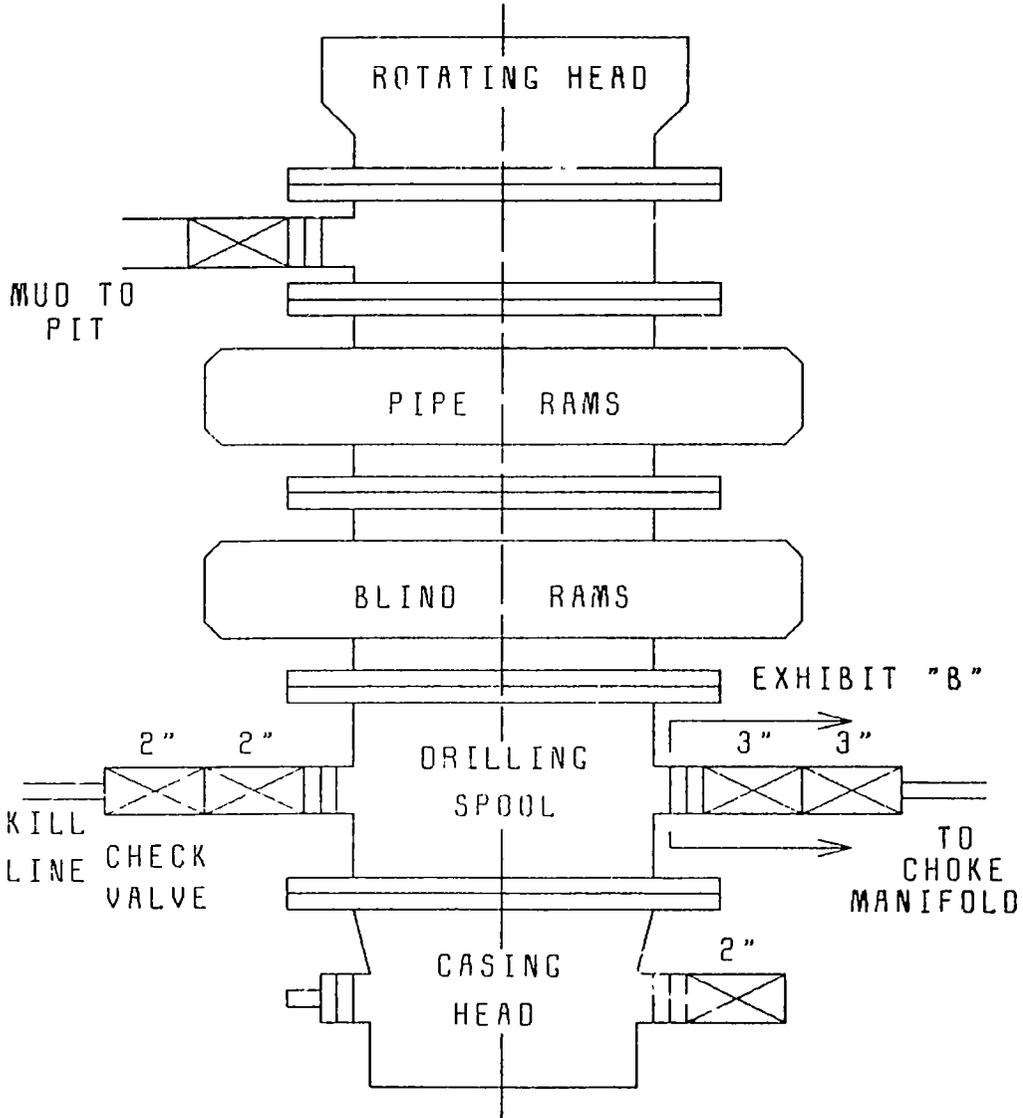
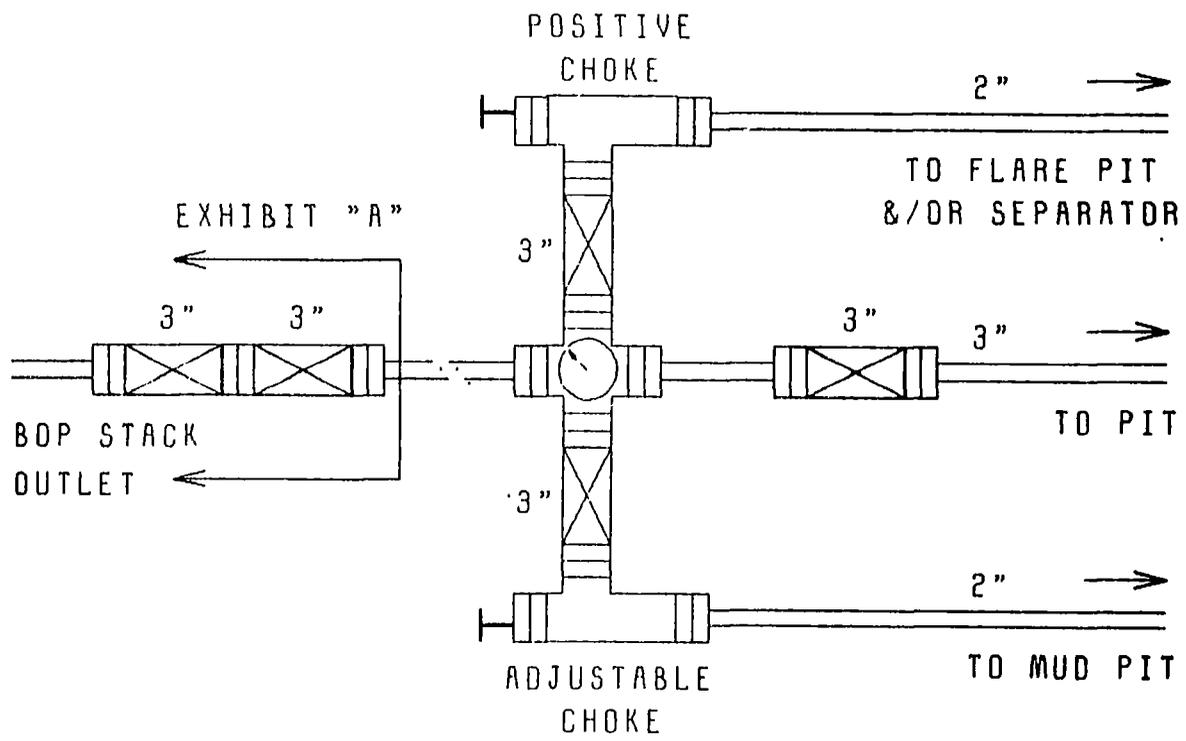


EXHIBIT "B"
CHOKE MANIFOLD



DETAILED DRILLING PROGRAM

DATE: 29 March 1990

WELL NAME: Meander 2D WELL NO.: 1

LOCATION: Section 2, Township 41S, Range 21E
230 FNL, 140 FWL
San Juan County, Utah

ELEVATION: 4,957 GR

TOTAL DEPTH: 7,557'

PROJECTED HORIZON: Primary targets are - Lower Ismay at 5,402
Desert Creek at 5,477'.
Secondary target is Mississippian at 6,503'

DRILLING, CASING AND CEMENTING PROGRAM

1. Move in and rig up rotary tools. Notify BLM at 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 TD. Cement with 371 sk (427 ft²) of Class G cement with 2% CaCl₂ and 1/4 lb/sk Celloflake (sufficient slurry volume to circulate cement to surface).
5. Circulate a minimum of 4 hours prior to tripping up BOP stack and related equipment. See BOP schematics for details.
6. Ensure plug has been down a minimum of 8 hours prior to commencing pressure testing procedures. Pressure test BOP to 2,000 psi for 30 minutes. Pressure test manifold and all related equipment to 2,000 psi. Pressure test casing to 1,500 psi for 30 min.
7. Drill out surface casing with 7 7/8" bit. Drill 7 7/8" hole to \pm 5,400'. Deviation surveys are to be taken every 500' or on a 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. Break over fresh water mud to saturated salt water, starch, salt gel system. Ensure conversion is complete and mud is conditioned prior to drilling into the Akah at \pm 5,660'. Drill and survey to TD.
9. Run open hole logs and evaluate. Drill stem testing will be as per the wellsite geologist's recommendation.
10. If the well is determined to be productive, run 5 1/2" casing, as detailed in 10-Point Drilling Plan, to TD. Set stage cementing collar at \pm 4,700'. Cement in two stages as per cementing program in 10-point Drilling Plan.
11. Nipple down BOPE. Set 5 1/2" casing slips and cut off casing. Install well head. Release drilling rig and move rig off location.
12. If well is non-productive it will be plugged and abandoned as per State, BLM and Navajo's local stipulations.

Meander 2D Well No. 1
Section 2, Township 41S, Range 21E
230 FNL, 140' FWL
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.

Meander 2D Well No. 1
Section 2, Township 41S, Range 21E
230' FNL, 140' FWL
San Juan County, Utah

SURFACE USE PLAN

1. EXISTING ROADS

Shown on the attached topographic maps are the existing roads in the immediate area. Outlined is the route to be followed from Bluff. 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 maps. 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 1000 ft of new road will be used to be constructed to the location pad. In addition, approximately 1 1/4 miles of existing 4WD track will have to be upgraded to accommodate rig traffic.

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 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 survey or locating plan, 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 broadly north east south west trend and will require up to 15' of cut in the reserve pit (up to 5' on the eastern corner of the location pad) and up to 22' of fill on the southern 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.

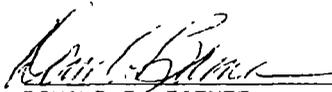
11.

OPERATORS REPRESENTATIVE

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

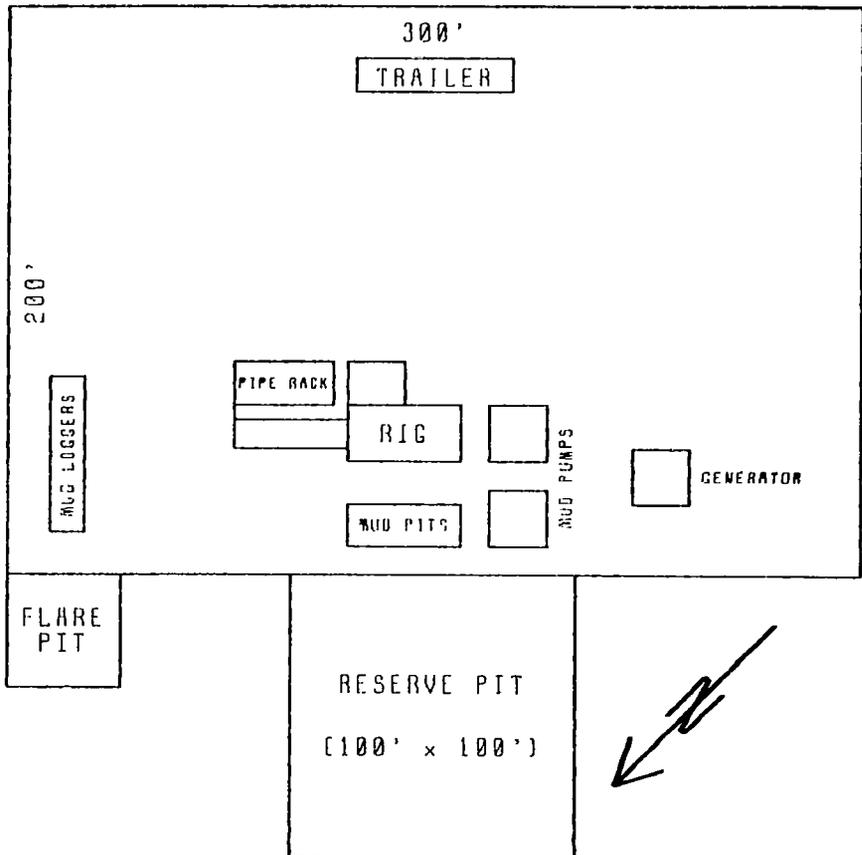
LOCATION LAYOUT

MEANDER 20-1

230' FNL, 140' FWL

SECTION 2, TOWNSHIP 41S, RANGE 21E

SAN JUAN COUNTY, UTAH

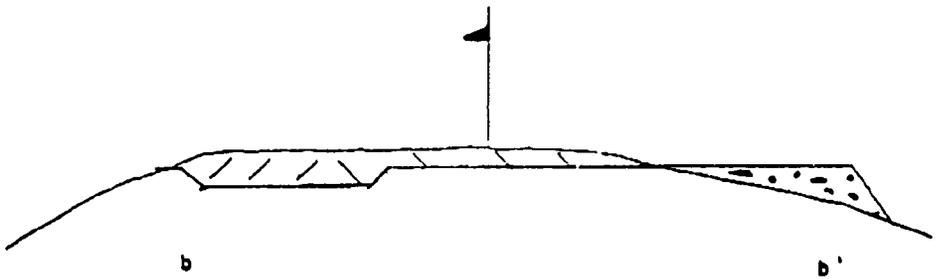


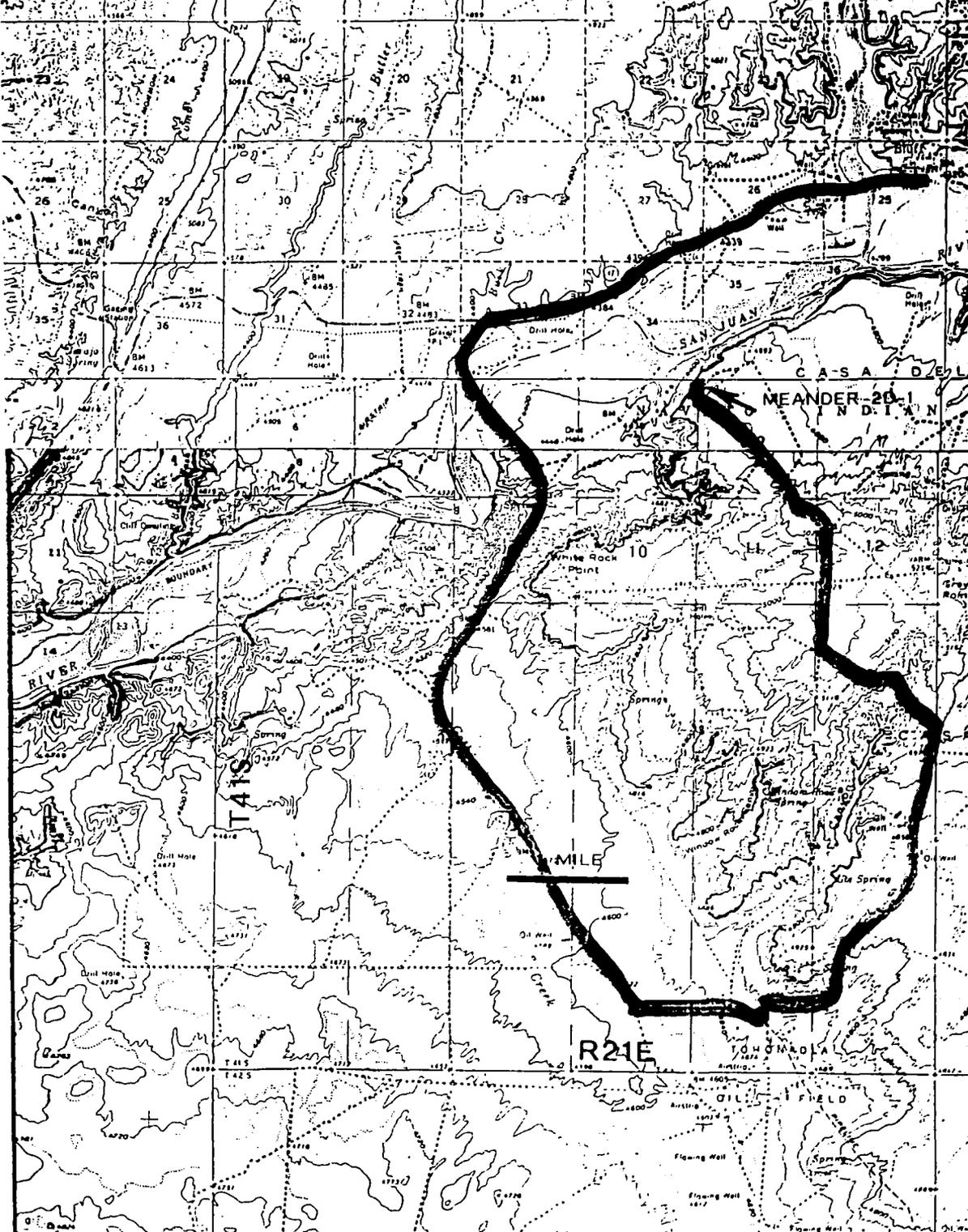
Cut 
Fill 

Cross Section

Meander 2 - P - 1

1"=30' Horz. & Vert.





MEANDER 20-1 N D. I.

1 MILE

R21E

YOHOMADLA

OIL FIELD

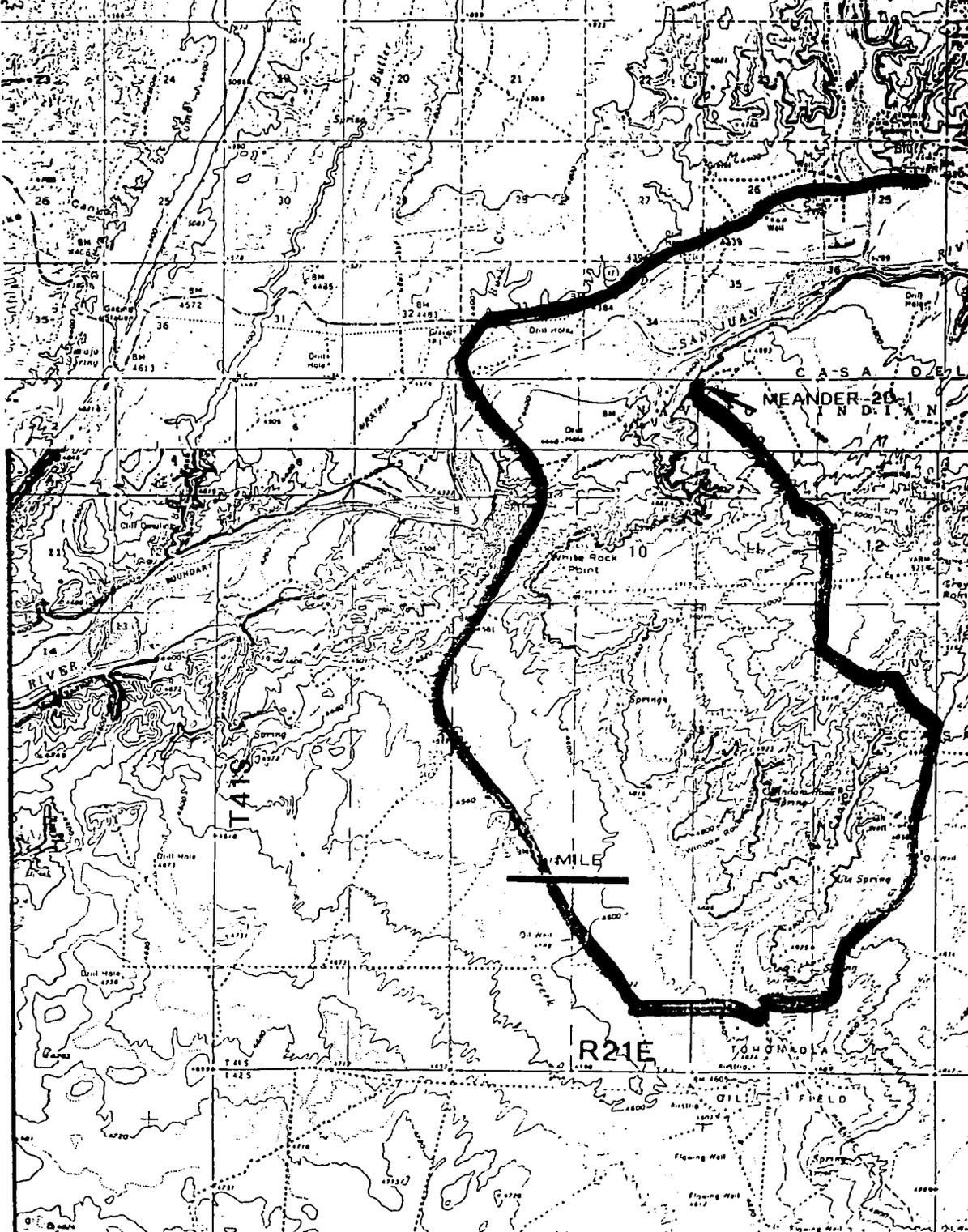
TATS

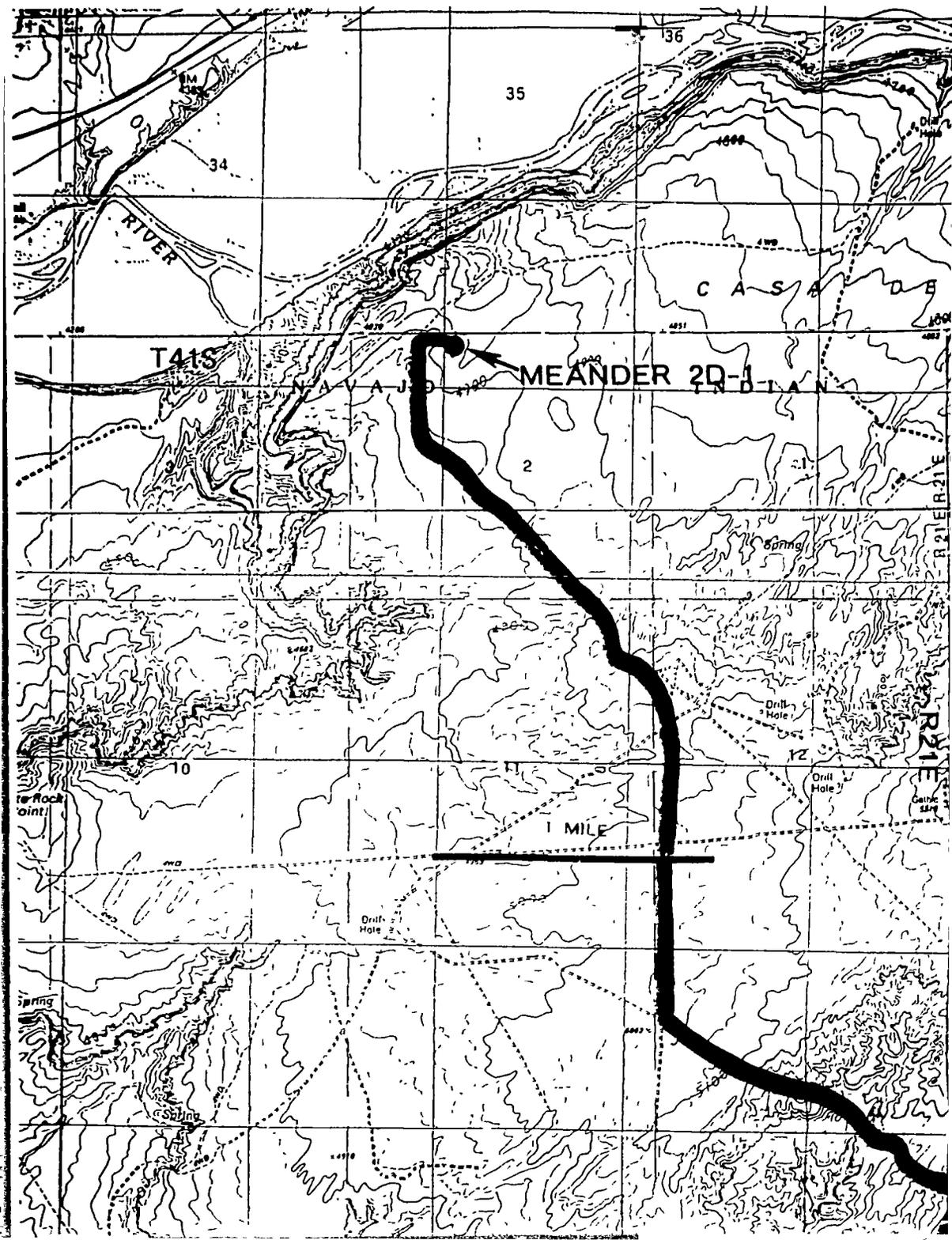
SAN JUAN

C.A.S.A. DE L...

RIVER

Butter





RIVER

35

36

34

CASA DE

T41S

MEANDER 20-1

NAVAJO

2

10

1 MILE

Drill Hole

Drill Hole

Drill Hole

Rock Point

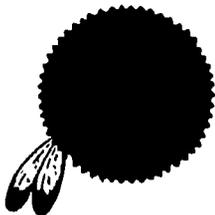
Spring

Spring

Drill Hole

Drill Hole

Drill Hole



CHUSKA ENERGY COMPANY

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

RECEIVED

APR 2 1990

WATER RIGHTS
PRICE

March 29, 1990

State of Utah
Water Rights Division
P.O. Box 718
Price, Utah 84501-0718

Attn: Mr Mark Page

Ref: Water Use Permits: ^{BLUFF QUAD} Meander 2D Well No. 1 NW¹/₄ NW¹/₄, SEC 2, T41S, R21E
^{WHITE PITCH} (Desert Creek 2G Well No. 2 SW¹/₄ NE¹/₄, SEC 2, T42, R23E
^{WILSONS QUAD}) Sand Dune 2M Well No. 1 SE¹/₄ SW¹/₄, SEC 2, T42S, R23E

Dear Mr Page

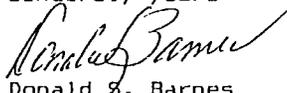
Chuska Energy Company proposes to drill the subject wells commencing in July. We intend to haul water in tank trucks, utilizing Hay Hot Oil Service who will obtain water from their artesian well, details of which are as follows:

1050 FNL, 1575' FWL
S27 T40S R23E
San Juan County, Utah

Permit No: 09-1419 (A60809)

Anticipated water requirement is 1.0 acre-feet per well. Site locations are as detailed in the attached topographic map and staking plats.

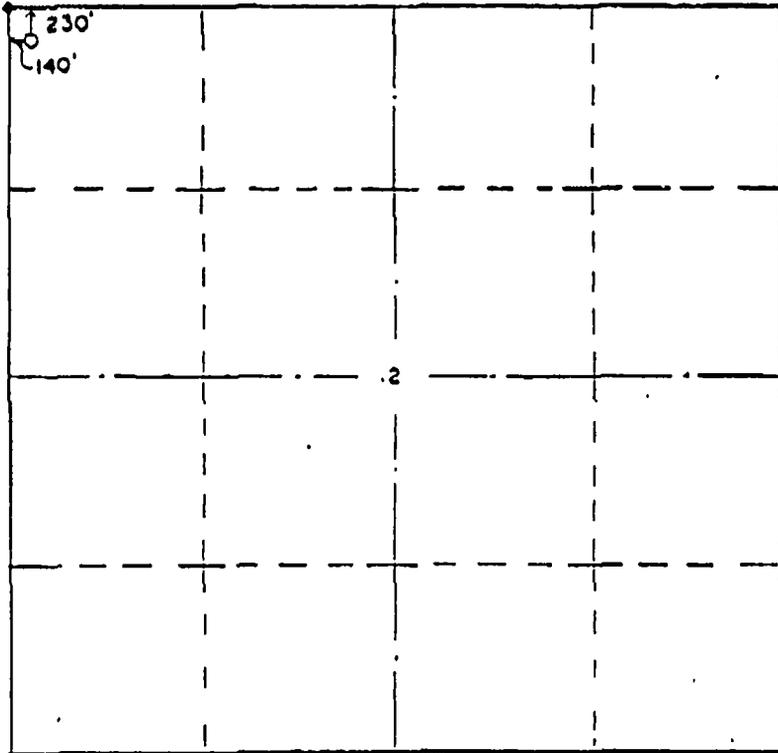
Please advise if you require any further information.

Sincerely yours

Donald S. Barnes
Operations Manager

DSB/cswH
File: C:\WP\CSWH\MEANDER.2D\WATER

encl.

WELL LOCATION AND ACREAGE DEDICATION PLAT



1"=1000'
 • brass cap

WELL LOCATION DESCRIPTION:

Chuska Energy Company, Meander 2 - D - 1
 230' FNL & 140' FWL
 Section 2, T.41 S., R.21 E., SLM
 San Juan County, Utah
 4957' ground elevation
 State plane : x = 2,557,447. y = 221,056.
 plus or minus 5', based on existing seismic control

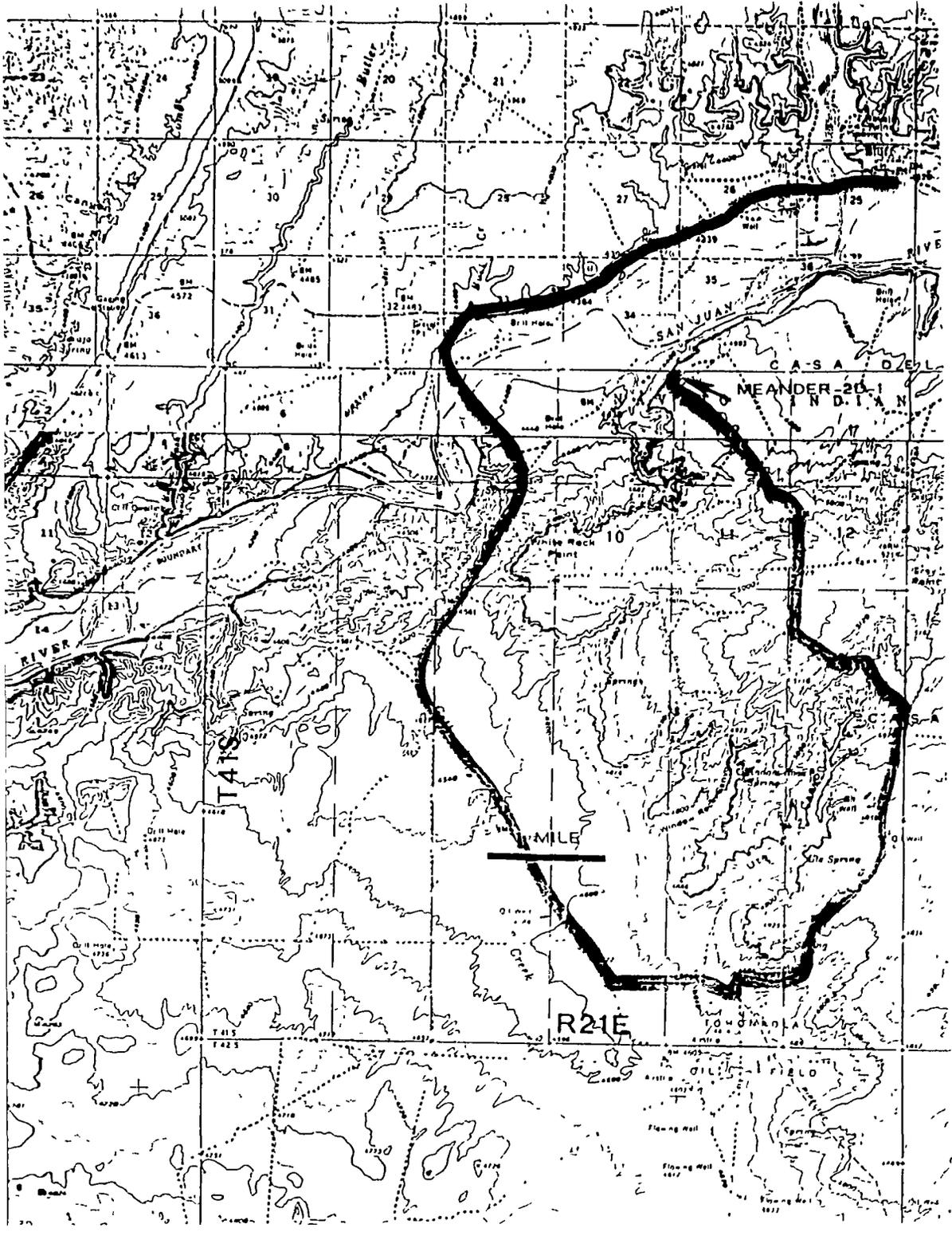
The above plat is true and correct my knowledge and belief.

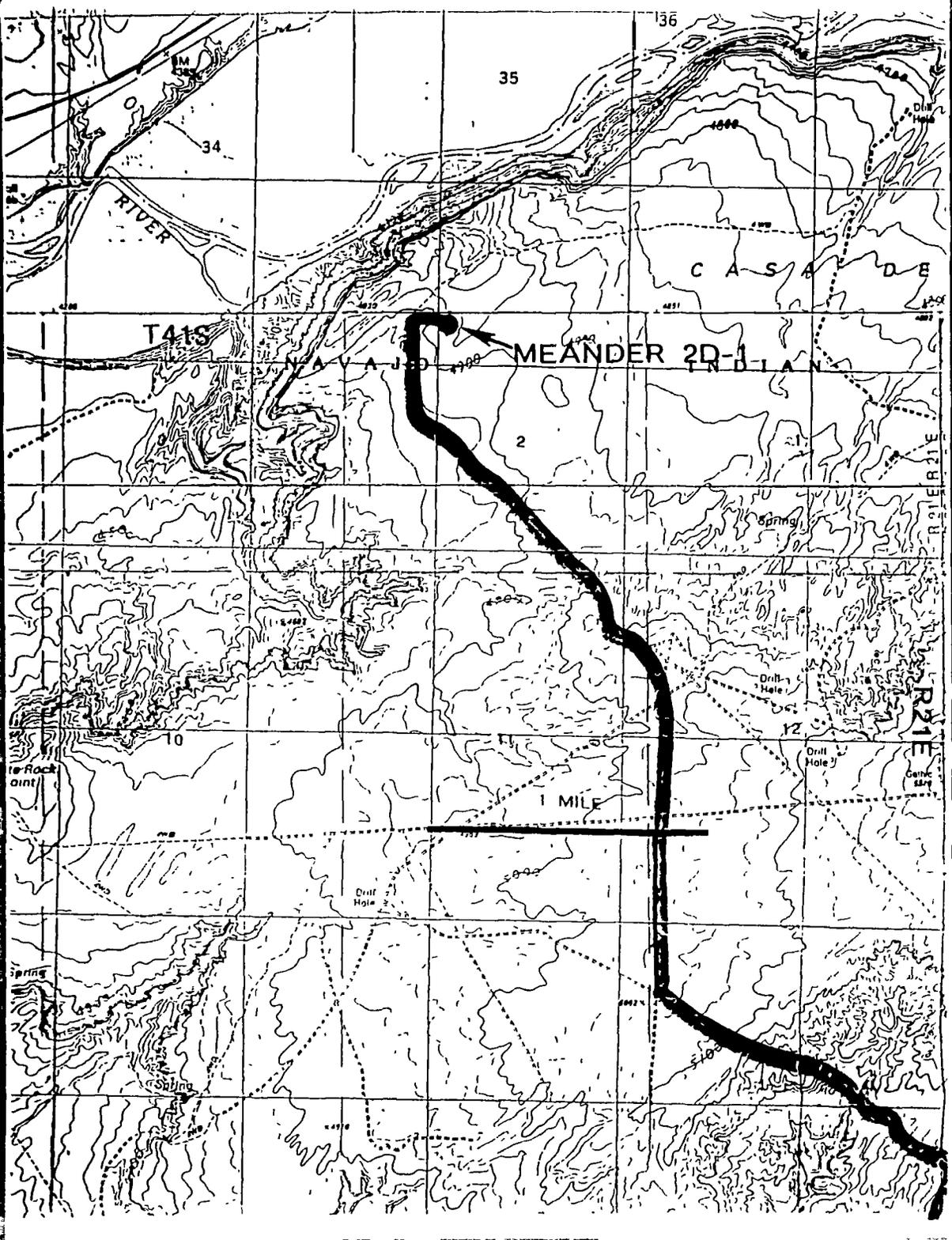
25 March 1990

Gerald G. Huddlestone



213 East Montezuma Avenue • Cortez, Colorado 81321 • 303-565-3330





SOUTHEASTERN UTAH ASSOCIATION OF LOCAL GOVERNMENTS

HAROLD JACOBS
Chairman
WILLIAM D. HOWELL
Executive Director

P O Drawer A1 • Price, Utah 84501 • Telephone 637-5444

AREAWIDE CLEARINGHOUSE A-95 REVIEW

NOI ___ Preapp ___ App ___ State Plan ___ State Action X Subdivision ___ (ASP # 4-49-8)

Other (indicate) _____ SAI Number UT900410-040

Applicant (Address, Phone Number):

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

Federal Funds:

Requested: _____

Title

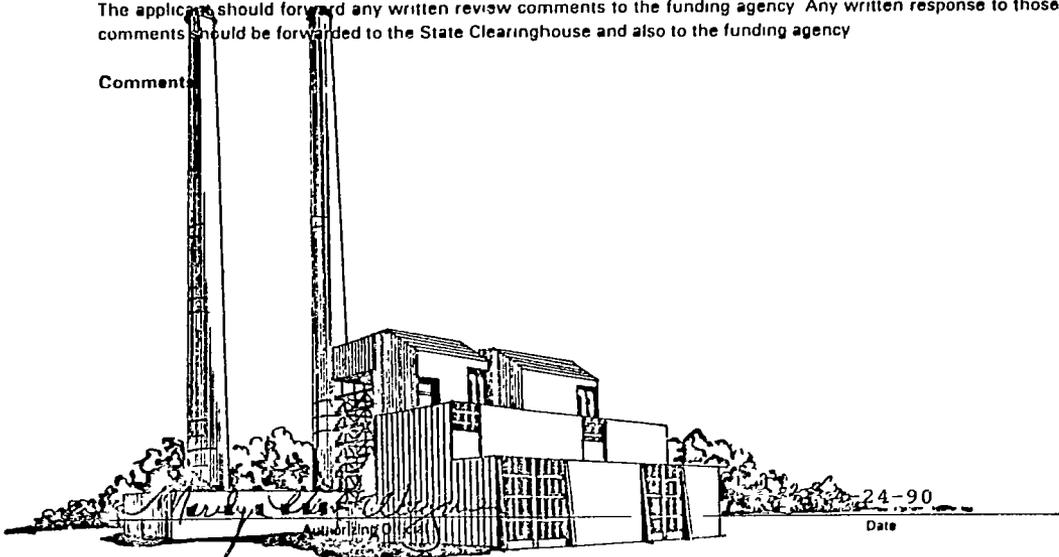
APPLICATION FOR PERMIT TO DRILL (Meander 2D #1)

415 21E Sec 2 43-037-31525

- No comment
- See comments below
- No action taken because of insufficient information
- Please send your formal application to us for review Your attendance is requested

The applicant should forward any written review comments to the funding agency. Any written response to those comments should be forwarded to the State Clearinghouse and also to the funding agency.

Comments





STATE OF UTAH
NATURAL RESOURCES
Water Rights

Norman H. Bangerter, 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 • 801-637-4303

RECEIVED
APR 05 1990

April 3, 1990

DIVISION OF
OIL, GAS & MINING

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

- Re: 1) Meander 2D Well #1: NW4NW4 Sec. 2, T41S, R21E, SLB&M
2) Desert Creek 2G Well #2: SW4NE4 Sec. 2, T42S, R23E, SLB&M
3) Sand Dune 2N Well #1: SE4SW4 Sec. 2, T42S, R23E, SLB&M

Dear Mr. Barnes:

This letter will serve as authorization from this Division to proceed with the drilling at the above noted location. It is understood that the drilling and maintenance water will be hauled to the site by Hay Hot Oil Inc. under their existing water right 09-1419 (A60809). It is also noted on your request that 1.0 acre feet of water will be required at each well site.

Please contact me if you have any questions.

Sincerely,

Mark P. Page
Area Engineer

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

MPP/mjk

OPERATOR Chuska Energy Company (N9290) DATE 4-5-90

WELL NAME Meander 2B #1

SEC NWNW 2 T 41S R 21E COUNTY San Juan

43-037-31525
API NUMBER

Indian (2)
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

No other well within 920' (sec 2 & 3 also 40s 21E sec 34 & 35)
Water Permit 09-1419 / A60809 (Hay Hol Oil, Inc)
RDC 4-5-90 / Process 4-20-90
Exception location requested map of 40s 21E sec 34 & 35 being sent ASAP.
map received 5-2-90.

APPROVAL LETTER:

SPACING: R615-2-3

N/A
UNIT

R615-3-2

N/A
CAUSE NO. & DATE

R615-3-3

STIPULATIONS:

CC BIA

STATE ACTIONS

Mail to:
RDCC Coordinator
116 State Capitol
Salt Lake City, Utah 84114

1. ADMINISTERING STATE AGENCY OIL, GAS AND MINING
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

2. STATE APPLICATION IDENTIFIER NUMBER:
(assigned by State Clearinghouse)

3 APPROXIMATE DATE PROJECT WILL START:
7-15-90

4. AREAWIDE CLEARING HOUSE(S) RECEIVING STATE ACTIONS:
(to be sent out by agency in block 1)
Southeastern Utah Association of Governments

5. TYPE OF ACTION: Lease Permit License Land Aquisition
 Land Sale Land Exchange Other_____

6 TITLE OF PROPOSED ACTION
Application for Permit to Drill

7. DESCRIPTION:
Chuska Energy Company proposes to drill a wildcat well, the Meander 2D #1, on Navajo Tribal lease number NOG 8702-1116 in San Juan, County, Utah. This action is being presented to RDCC for consideration of resource issues affecting state interests. The U.S. Bureau of Land Management or the Bureau of Indian Affairs is the primary administrative agency in this case and must issue approval to drill before operations can commence.

8. LAND AFFECTED (site location map required) (indicate county)
NW/4 NW/4, Section 2, Township 41 South, Range 21 East, San Juan County, Utah

9. HAS THE LOCAL GOVERNMENT(S) BEEN CONTACTED?
Unknown

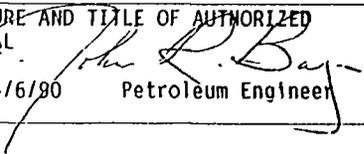
10 POSSIBLE SIGNIFICANT IMPACTS LIKELY TO OCCUR:
Degree of impact is based on the discovery of oil or gas in commercial quantities

11 NAME AND PHONE NUMBER OF DISTRICT REPRESENTATIVE FROM YOUR AGENCY NEAR PROJECT SITE, IF APPLICABLE
Glenn Goodwin, Monticello, 587-2561

12. FOR FURTHER INFORMATION, CONTACT: 13 SIGNATURE AND TITLE OF AUTHORIZED OFFICIAL

John Baza
PHONE: 538-5340

DATE: 4/6/90


Petroleum Engineer



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

Norman H. Bangerter
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 84140 1203
801 538 5340

April 25, 1990

Chuska Energy Company
315 North Behrend
Farmington, New Mexico 87401

Gentlemen:

Re: Meander 2D #1 - NW NW Sec. 2, T. 41S, R. 21E - San Juan County, Utah
230' FNL, 140' FWL

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
Meander 2D #1
April 25, 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 43-037-31525

Sincerely,



R. J. Pirth
Associate Director, Oil & Gas

lcr
Enclosures
cc: Bureau of Land Management
Bureau of Indian Affairs
J. L. Thompson
WE14/48-49



CHUSKA ENERGY COMPANY

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

FAX COVER LETTER

Date 5/2/90

From: Neil Cattenmeyer

Telephone: (505) 326-5525

Facsimile: (505) 325-5423

Transmitted From: Ricoh

Rapicom 200

To: LISA ROMERO

Number of Pages (Including this page) 3

Please advise at the above telephone number if any problems are encountered.

Message/Instructions

*LISA,
Pls find (2) TWO MARKS for the Meander Well. As delineated we hold surrounding acreage. If you need additional data - pls call me direct*

Thanker

Neil

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

CHUSKA ENERGY COMPANY

CHUSKA (CECO)

T40S-R21E
**SECTION 35: ALL IN
RESERVATION**
**SECTION 36: ALL IN
RESERVATION**
*SECTION 33, 34 - all inside
RESERVATION*

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	SC	TP	RG	COUNTY		
A	99999	11553	43-037-31525	<i>Cont</i> MEANDER 2D-1	NWNW	2	41S	21E	SAN JUAN		10-19-93
WELL 1 COMMENTS:											
A	99999	11554	43-037-31576	<i>Cont</i> SAGUARO 2E-1	SWNW	2	41S	23E	SAN JUAN		10-19-93
WELL 2 COMMENTS:											
A	99999	11555	43-037-31619	<i>Cont</i> LIZARD 4M	SWSW	4	41S	23E	SAN JUAN		10-19-93
WELL 3 COMMENTS:											
A	99999	11556	43-037-31574	<i>Cont</i> OCATILLA 11D #1	NWNW	11	41S	23E	SAN JUAN		10-19-93
WELL 4 COMMENTS:											
A	99999	11557	43-037-31618	<i>Cont</i> MULE 31-K-2	SESW	31	41S	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)

L. Cordova
L. CORDOVA (DOG)

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, Meander 2D-1 43-037-31525 2-41S-21E

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