

303
623-5094

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. Lease Designation and Serial No.

U-29333

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

12-2

10. Field and Pool, or Wildcat

~~San Arroyo~~ *Umbarger*

11. Sec., T., R., M., or Blk. and Survey or Area

Sec. 12, T16S, R25E
Salt Lake PM

12. County or Parrish 13. State

Grand County Utah

16. No. of acres in lease 17. No. of acres assigned to this well

960 ~~100~~ 320

19. Proposed depth 20. Rotary or cable tools

7660 Rotary

22. Approx. date work will start*

October 1, 1980

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL DEEPEN PLUG BACK

b. Type of Well
Oil Well Gas Well Other Single Zone Multiple Zone

2. Name of Operator

Teton Energy Co., Inc.

3. Address of Operator

621 17th Street, Suite 1520, Denver, Colorado 80293

4. Location of Well (Report location clearly and in accordance with any State requirements.)*

At surface
Sec. 12, T16S, R25E, Salt Lake PM, Grand County, Utah

At proposed prod. zone
1570 ENL 225 ENL NE NW

14. Distance in miles and direction from nearest town or post office*

24 miles northwest of Mack, Colorado

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)

250

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.

7660

21. Elevations (Show whether DF, RT, GR, etc.)

7,540 G.R.

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
24"	16"	Conductor pipe	40'	To surface
17½"	13 3/8"	54.50	200'	To surface w/Neat + 2% CaCl.
8 3/4"	7"	23	6700'	200 sks Neat
6½"	4½"	11.6	TD	100 sks Neat w/retarder

See attached well control plan

APPROVED BY THE DIVISION
OF OIL, GAS AND MINING
DATE: 9/5/80
BY: Clem B. Ficht



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

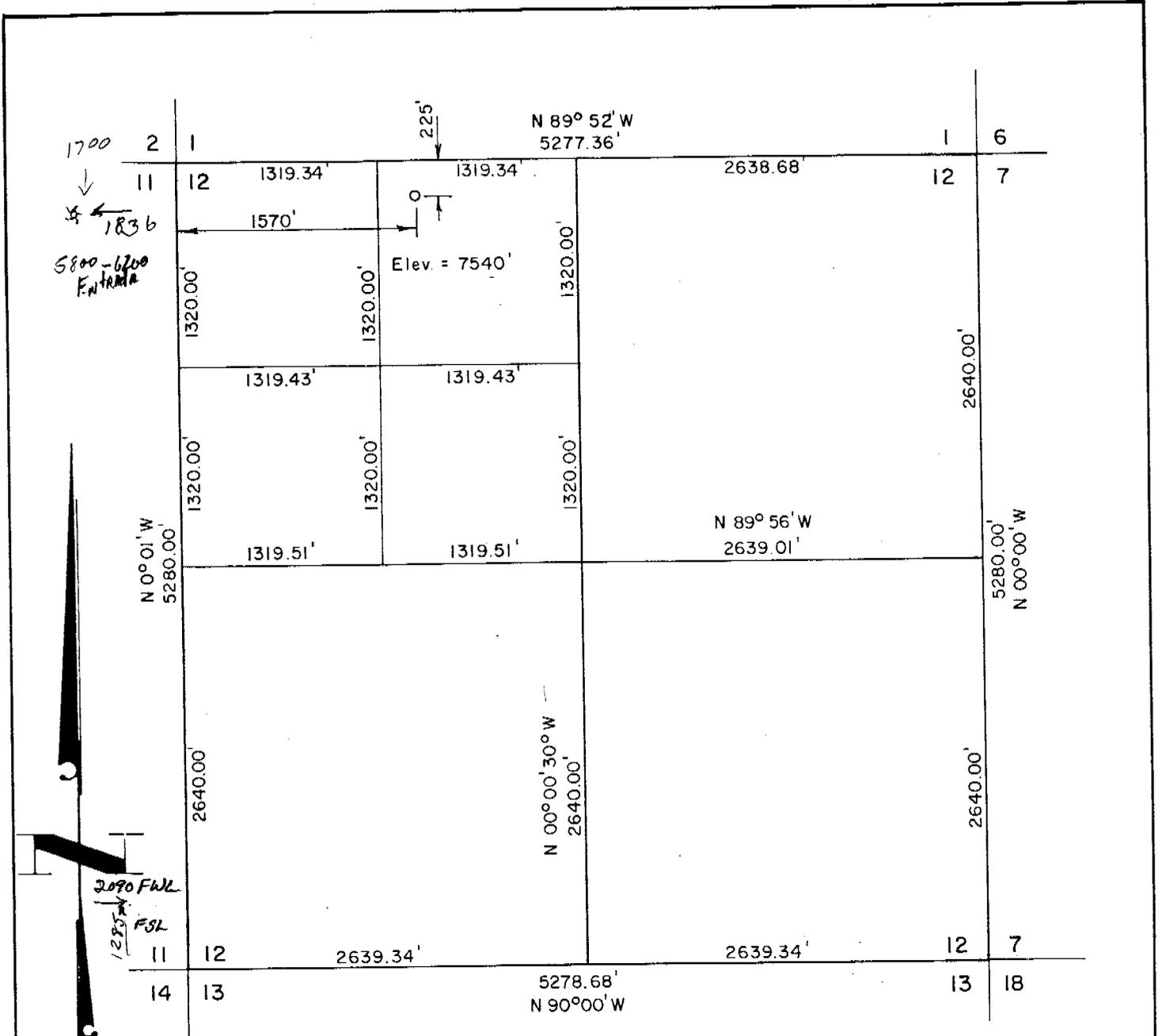
24. Signed: [Signature] Title: Consulting Engineer Date: August 19, 1980

(This space for Federal or State office use)

Permit No. 43-019-30686 Approval Date 9/5/80

Approved by: _____ Title: _____ Date: _____

Conditions of approval, if any:



NOTES:

- Steel Post at Well Location
- ◆ Existing Corner Found - N/A
- Dimensions Based on G.L.O. Plat
- Elevation Based on Mean Sea Level

Date of Survey 6 / 21 / 80

CERTIFICATE OF SURVEY

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 belief and knowledge.



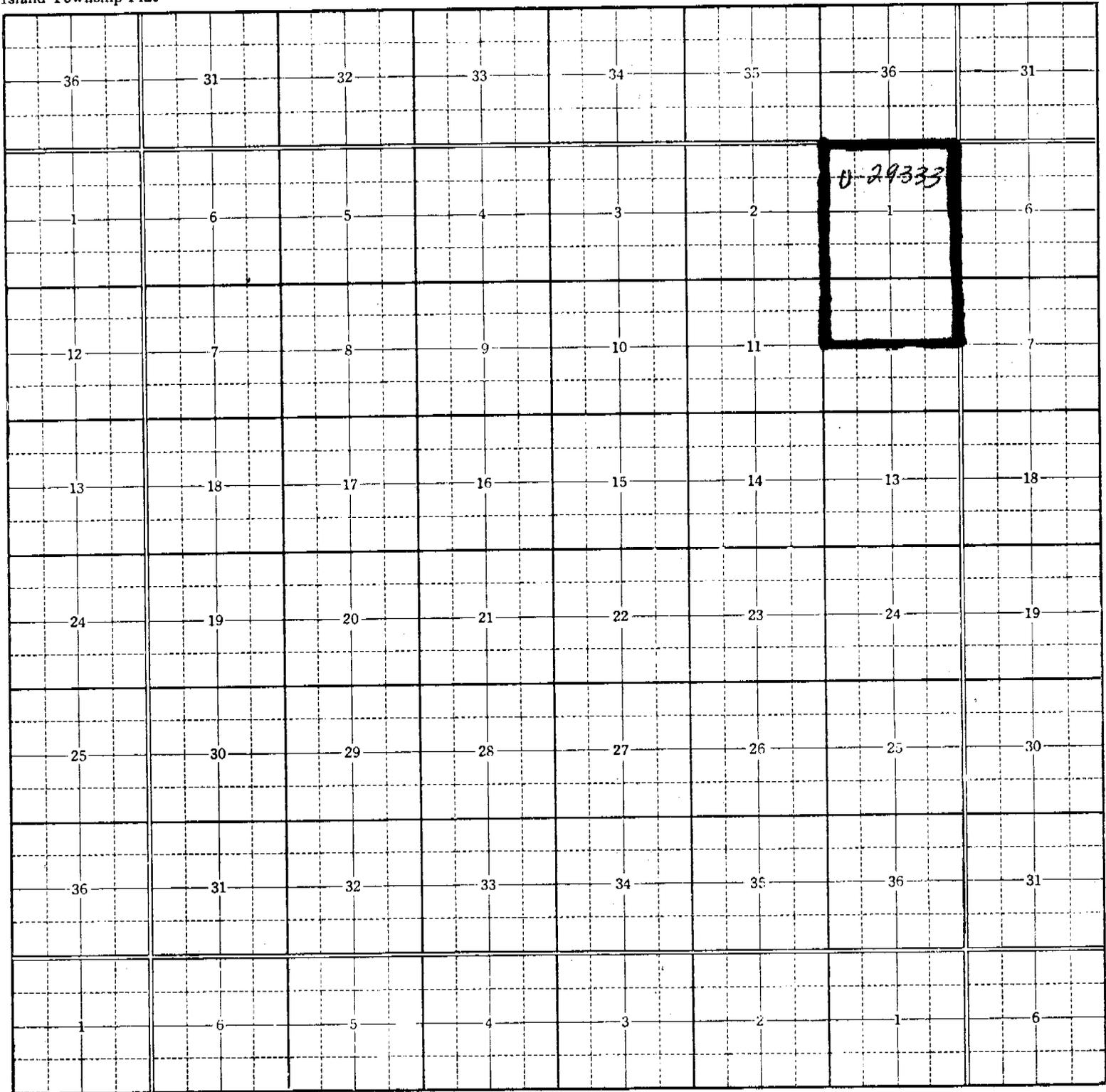
Lytle F. Howell
 REGISTERED LAND SURVEYOR

	MSM CONSULTANTS INC. ENGINEERING • ARCHITECTURE • SURVEYING • PLANNING 570 West 44th Avenue • Denver, Colorado 80216 • (303) 455-7321		
	DRAWN BY:	TETON ENERGY COMPANY, INC.	FILE NO. 7419701
	DESIGNED BY:	<i>156</i> NE, NW, Section 12, T16S, R25E Salt Lake P.M. Grand County, Utah	SCALE 1" = 1000'
	CHECKED BY:		DATE 7/16/80
	APPROVED BY:		SHEET NO. 1 of 1
NG	LAH	LFH	

7720' 2" 166' Section 1 *11-29-80* *12-2 - San Arroyo*

Township 16S, Range 25E, County Grand, State Utah

Island Township Plat



□ - Yelox etal - 100%

10 POINT WELL CONTROL PLAN

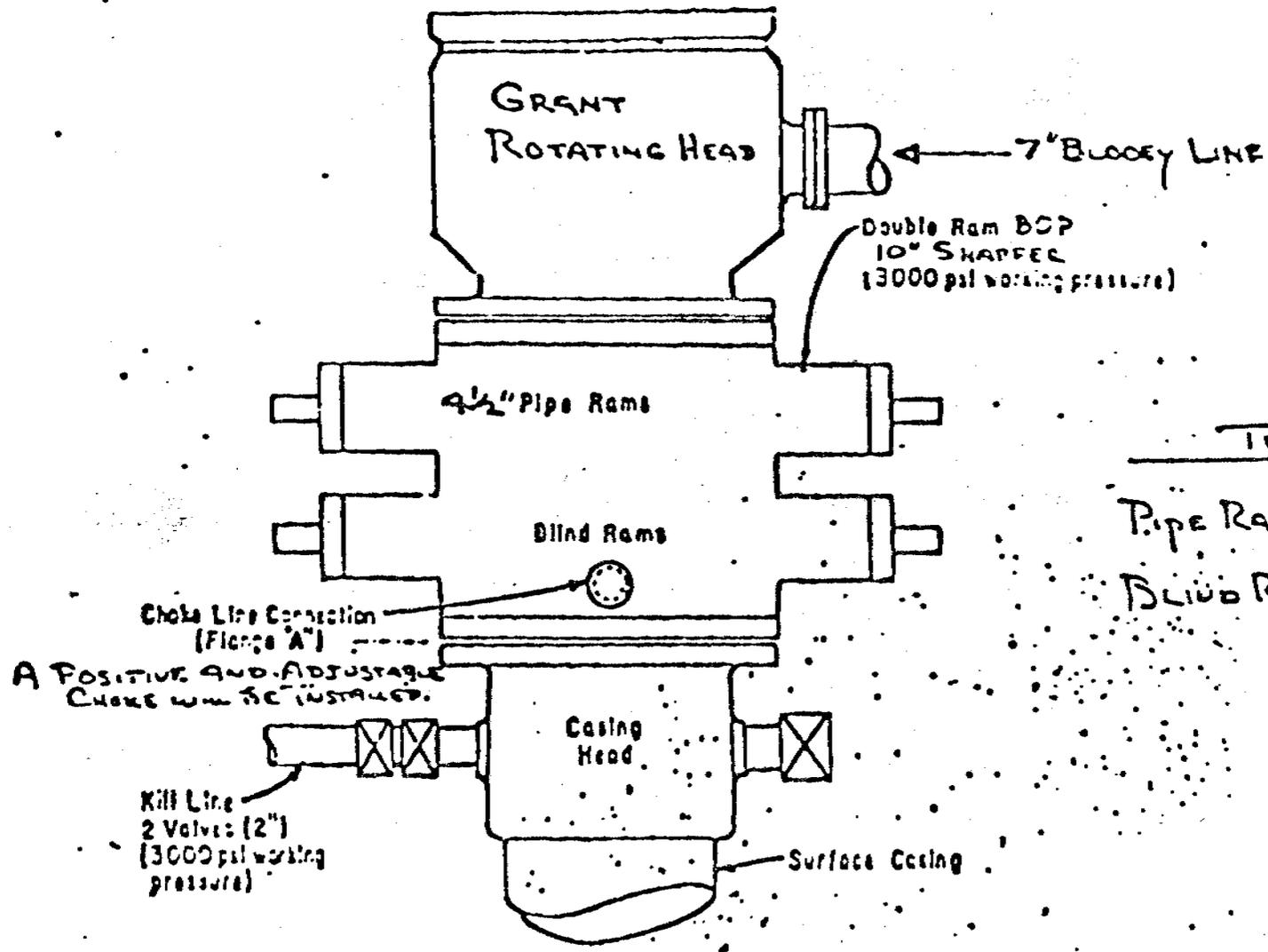
TETON ENERGY CO., INC.

FEDERAL 12-2, SAN ARROYO

1. Surface formation: Mesa Verde
2. Estimated geological markers are:

Mesa Verde	Surface
Upper Mancos	2014
Castle Gate	2370
Lower Mancos	2450
Dakota	5970
Cedar Mountain	6105
Morrison	6220
Entrada	6746
Carmel	6972
Navajo	7018
Kayenta	7156
Wingate	7207
Chinle	7484
Granite Wash	7575
Granite	7650
Approximate TD	7660

3. Oil or gas is anticipated in the Dakota at 5970', Cedar Mountain 6105' and Morrison at 6,220'. The remaining formations are W.C. in this area. Any shows will be tested.
4. Casing program consists of new 200' 13 3/8" surface. New 7" 23# K-55 and M-80 to approximately 6700' or through the Morrison, and a new 4½", 11.6# K-55 liner to TD.
5. Blow out prevention equipment will consist of 10", 3000# double ram hydraulic equipment. Blind rams and 4½" pipe rams will be used. The operation of the preventors will be checked each day and the blind rams closed at every opportunity. Surface pipe will be tested to 750# after nipping up.
6. Air is to be the primary drilling medium, however a low solids chemical gel drilling mud will be used if necessary.
7. Additional equipment includes a kelly cock, float at the bit, a full opening valve on the floor and a rotating head.
8. The logging program consists of a dual induction and FDC-CND logs. No cores or DST's are anticipated.
9. No abnormal pressures are anticipated. Maximum B.H.P. of surrounding wells is approximately 1,000#. No hydrogen sulfide is expected.
10. Operations should begin around October 1, 1980 and should be complete in 120 days.



TESTING FREQUENCY

PIPE RAMS: DAILY
BLIND RAMS: EVERY 7

** FILE NOTATIONS **

DATE: 8-25-80

OPERATOR: Tetra Energy Co. Inc.

WELL NO: ~~#12-2~~ Federal #12-2

Location: Sec. 12 T. 16S R. 25E County: Muskegon

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-019-30688

CHECKED BY:

Petroleum Engineer: Hold for J. Strait! will request topo except or relocation from J. Baurd 9-25-80

Director: _____

Administrative Aide: _____

APPROVAL LETTER:

Bond Required: Survey Plat Required:

Order No. 107-1 2/11/65 O.K. Rule C-3

#3

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site

Lease Designation Deed Plotted on Map

Approval Letter Written lstr

Hot Line P.I.



TETON ENERGY CO., INC.

621 Seventeenth Street Suite 1520
Denver, Colorado 80293
Telephone (303) 623-5094

September 3, 1980

Oil and Gas Conservation Commission
State of Utah
1588 West North Temple
Salt Lake City, Utah 84116

Re: Cause No. 107-1
establishing 320 acre drilling and
spacing units for the Dakota and
Morrison formations underlying
Sec. 12-T16S-R25E (and other lands)
Grand County, Utah

Gentlemen:

Teton Energy Co., Inc. has recently submitted an application to drill the San Arroyo 12-2 Well as shown on the attached survey plat.

The captioned Cause No. 107-1 establishes 320 acre spacing and Teton would like to have the N/2 of Section 12 designated as a drilling and spacing unit. Because of severe topographic problems however, the well must be located 225 feet from the north line of the spacing unit instead of 500 feet as specified in the spacing order. Teton's lease covers all of Section 1 and the N/2 of Section 12 as shown on the enclosed plat.

Teton Energy respectfully requests an acceptance to the spacing order provision requiring the location of the well be 500 feet from the spacing unit boundary, and approval to drill the well at the location shown.

Yours very truly,


V. W. McKnab II
Petroleum Engineer

/ck
Enclosures

September 10, 1980

Teton Energy Company, Inc.
621 17th Street, Suite 1520
Denver, Colorado 80293

Re: Well No. Federal #12-2
Sec. 12, T. 16S, R. 25E.,
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with the Order issued in Cause No. 107-1 dated February 11, 1965.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-30886.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cleon B. Feight
Director

/btm

cc: USGS

DUPLICATE

SUBMIT IN **DUPLICATE**
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
Teton Energy Company, Inc.

3. ADDRESS OF OPERATOR
621 17th Street, Suite 1520, Denver, Colorado 80293

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface Sec. 12, T16S, R25E, Salt Lake P.M.
 At proposed prod. zone Grand County, Utah 1570' FWL + 225' FNL

5. LEASE DESIGNATION AND SERIAL NO.
U-29333

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.
12-2

10. FIELD AND POOL, OR WILDCAT
San Arroyo

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 12, T16S, R25E Salt Lake P.M.

12. COUNTY OR PARISH | 13. STATE
Grand | Utah

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
24 miles N.W. of Mack, Colorado

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
250

16. NO. OF ACRES IN LEASE
960

17. NO. OF ACRES ASSIGNED TO THIS WELL
160

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

19. PROPOSED DEPTH
7660

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
7,540 G.R.

22. APPROX. DATE WORK WILL START*
October 1, 1980

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
24"	16"	Conductor pipe	40'	To surface
17½"	13 3/8"	54.50	200'	To surface w/Neat +2% CaCl ₂
8 3/4"	7"	23	6700'	200 sks Neat
6 1/4"	4½"	11.6	TD	100 sks Neat w/retarder

See attached well control plan.

State of Utah, Department of Natural Resources
 Division of Oil, Gas, and Mining
 200 West South Temple
 Salt Lake City, Utah 84119

RECEIVED

MAR 19 1981

DIVISION OF
OIL, GAS & MINING

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

24. SIGNED [Signature] TITLE Consulting Engineer DATE August 19, 1980

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY (Orig. Sgd.) R. A. Henricks FOR E. W. GUYNN DATE MAR 18 1981
 TITLE DISTRICT ENGINEER

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

*See Instructions On Reverse Side

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

NOTICE OF APPROVAL
State Oil & Gas

Production Facilities and Flowline NOT Approved

Surface Disturbance Stipulations
Restricted Oil and Gas Lease AreasSerial No.
U- 27333

1. All leases in restricted areas will be subject to the stipulations below and any additional stipulations specified by the authorized officer. When the authorized officer must approve an action or provide specifications it will be in writing unless otherwise specified in the stipulations.
2. The lessee shall ensure that full compliance with the stipulations is made by all persons acting in his behalf, including designated operators, and by all his employees, agents, contractors, subcontractors and employees of contractors or subcontractors. Copies of the stipulations attached to the lease and approved drilling permit will be available at exploration and operating sites and will be made known to all on-the-ground construction, exploration and operating personnel.
3. All survey monuments, witness corners, reference monuments and bearing trees must be protected against destruction, obliteration or damage. Any damaged or obliterated markers must be reestablished, at the lessee's expense, in accordance with accepted BLM survey practices as set forth in the Manual of Surveying Instructions. A complete record of the monumentation and the methods used in reestablishment will be furnished to the Chief, Branch of Cadastral Survey, at the appropriate State Director's Office.
4. The lease area will be available for any other public use, unless restricted in writing by the authorized officer.
5. Existing roads and trails will be used whenever possible. Road and trail widths will be kept to the minimum necessary and all locations and specifications will be approved in writing by the authorized officer. Scalping of top soil and removal of vegetation will not be allowed unless approved by the authorized officer. Roads to any well or other regularly maintained or inspected improvement will be upgraded as directed by the authorized officer. Such upgrading may include ditching, draining, culverts, graveling or capping of the road bed.
6. The lessee will comply with existing county, state and federal laws pertaining to the protecting and preservation of wild horses, wild burros, raptors, wildlife, water quality, public health and public safety; and any applicable county, state and federal laws and regulations concerning the use of poisonous substances, including insecticides, herbicides, fungicides, rodenticides and other similar substances. Prior to the use of such substances the lessee will obtain from the authorized officer approval of a written plan for such use. The plan shall state the type and quantity of material to be used, the animal or plant to be controlled, the method of application and such other information as the authorized officer may require. All use of such substances shall be in accordance with the approved plan. If the use of a chemical is prohibited by the Secretary of the Interior, it shall not be used. If use of a chemical is limited by the Secretary of the Interior, it shall be used only in accordance with that limitation.
7. Burning is permissible only by prior written consent of the authorized officer and in compliance with state and federal air quality standards and laws. The lessee will be responsible for prevention, control and suppression of all wildfires that are caused by burning in connection with this lease. The lessee will be billed by the surface management agency for fire suppression and fire rehabilitation cost resulting from uncontrolled burning of material. The lessee will do everything reasonable, both independently and/or upon request of the authorized officer, to prevent and suppress fires on or near lands to be occupied under the lease by taking initial attack action including making available such construction equipment and maintenance forces that are available. All vegetative and other material cut, uprooted or otherwise accumulated will be disposed of as specified by the authorized officer.
8. All access routes and areas of use will be kept clean. All garbage and foreign debris will be removed to an authorized dump site at least weekly. Sanitary facilities for all solid and liquid waste disposal will meet all state, federal and local codes and regulations.
9. All operations will be conducted to keep any change in the character of the land to an absolute minimum. Pollution, channeling or any erosion or degradation of lands, water quality, streams, lakes, ponds, waterholes, seeps, or marshes, or damage to any fish, wildlife, or domestic livestock resource will not be allowed. The burning off of sump pits to eliminate waste oil will not be allowed. Drainage systems will not be blocked. Vegetation will not be disturbed within 300 feet or within the flood plain of any water course, except at designated stream crossings. State water quality standards will be maintained. All disturbance to live streams and improvements, including but not limited to, fences, roads, watering facilities, culverts, bridges, trails, cattle guards, water development and control structures will be kept to an absolute minimum and will be repaired to at least their former state by the lessee. Functional use of improvements will be maintained at all times. When it is necessary to pass through a fence, the fence will be braced on both sides of the passageway prior to cutting. Four-inch treated timbers or larger will be used for bracing. A gate acceptable to the authorized officer will be installed. Where a permanent road is to be constructed or maintained, cattle guards of an approved design will be placed at all fence crossings with a gate at the side.
10. All operations will be conducted to protect aesthetic and scenic values. Site selection will be carefully considered to reduce adverse visual impacts. In some areas a qualified

landscape architect will be required by the authorized officer. Alterations in vegetative cover will be designed to give the same effect as natural-occurring openings within the characteristic landscape. Necessary modifications of existing land forms will reflect the surrounding land forms and enhance the natural landscape. Where alternatives are available, the alternative involving the least damage to stream and other resources will be selected, determined by the authorized officer. Permanent structures and facilities will be designed to be architecturally compatible with the surrounding landscape. Construction material and color will harmonize and enhance the natural landscape.

11. Prior to entry upon the land or disturbance of the surface thereof, the authorized officer may require a complete inventory of all archaeological, palaeontological and historic values. The survey will be completed by a qualified archaeologist approved by the authorized officer. The results of this survey will be provided to the authorized officer. The authorized officer will then have the sites inspected by qualified personnel to determine their significance, and appropriate action to follow, i.e. salvage, relocation, etc. The authorized officer may require the lessee to relocate the proposed facilities in order to avoid destruction of antiquity values or to delay operations until salvage operations are completed. All costs of the survey and salvage of artifacts will be borne by the lessee. All objects of antiquity salvaged remain the property of the U.S. Government

Operations

12. Oil, petroleum products and similar materials will be stored in durable containers and located in areas which do not drain into any draws or water courses. Quantities of more than 500 gallons will be stored in an area surrounded by impermeable containment dikes of sufficient capacities to contain the aggregate capacity of all containers. Hazardous areas will be posted, fenced or otherwise protected to minimize hazards to humans, livestock and wildlife.

13. Pipeline and flowline routes will be closed to vehicular travel except when allowed by the authorized officer.

14. Activities employing wheeled or tracked vehicles will be conducted to minimize surface damage.

15. Disposal systems for solid and liquid wastes will meet all state, federal and local codes and regulations, and will be selected, designed and constructed to avoid landslides, control wind and water erosion, and establish conditions conducive to vegetative growth.

Surface Protection and Reclamation

16. Erosion will be prevented on producing well sites as well as abandoned dry holes. Topsoils will be removed, stockpiled and used in final backfilling and grading. When directed by the authorized officer, a mulch will be applied to seeded areas for the purpose of conserving moisture, preventing surface compaction or crusting, reducing runoff and erosion, controlling weeds and aiding the establishment of plant cover. Mulching material will be native grass hay, tame grass hay, small grain straw or straw manure. Preference depends upon site and mulch availability. Mulch will be applied evenly at the rate of two to three tons per acre. Mulch will be anchored using a disk. A rotary hoe may be used if the soil is not compacted.

17. Backfilling, final grading, revegetation and restoration of all disturbed areas, including removal of support facilities and other structures, will be completed within six months after completion or termination of the operation unless otherwise authorized by the authorized officer. After development, the surface management agency, the Geological Survey and the lessee will meet once a year and determine which roads can be eliminated. The selected roads will be reshaped, reseeded, physically closed by barricades and protected from erosion as required by the authorized officer.

18. When the authorized officer determines it will be desirable to use an excavation for the permanent impoundment of water or for other uses, reasonable reshaping or excavation will be performed by the lessee. Excavations will be graded to establish safe access to water for persons, livestock and wildlife.

Robert P. Gloyd Jr
(LESSEE SIGNATURE)



United States Department of the Interior

IN REPLY REFER TO
3100
(U-603)

BUREAU OF LAND MANAGEMENT
Moab District
Grand Resource Area
P.O. Box M
Moab, Utah 84532

JAN 28 1981

Memorandum

To: Oil & Gas Office
USGS Conservation Division
P.O. Box 3768
Grand Junction, CO 81502

From: Acting Area Manager, Grand

Subject: Application to Drill: U-29333
Teton Energy Company, Inc.
Well: 12-2
Section 12, T. 16 S., R. 25 E.
Grand County, Utah

On October 9, 1980 a representative from this office met with Glen Doyle, USGS, and Don Condie agent of the Teton Energy Co. for an inspection of the above referenced location. Subject to the attached conditions and an approved Permit to Drill from the USGS, I am approving the surface management portion of the Application for Permit to Drill.

The archaeological requirement has been fulfilled on this location. No threatened or endangered flora or fauna are indicated in the area.

Please forward the enclosed information to Teton Energy Company.

M. Scott Packer

Enclosures: (3)
1-Reclamation Procedures
2-Seed Sources
3-Seed Mixture

U.S. GEOLOGICAL SURVEY
OIL AND GAS OPERATIONS
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JAN 29 1981

GRAND JUNCTION, COLORADO



MSM CONSULTANTS INC.

ENGINEERING • ARCHITECTURE • SURVEYING • PLANNING
570 West 44th Avenue • Denver, Colorado 80216 • (303) 455-7321

DRAWN BY:
NG

TETON ENERGY COMPANY, INC.

FILE NO
7419701

DESIGNED BY:

NE, NW, Section 12, T16S, R25E

SCALE
1" = 2000'

CHECKED BY:
LHA

Salt Lake P.M.

DATE
7/09/80

APPROVED BY:
LFH

Grand County, Utah

SHEET NO
1 of 1

United States Department of the Interior
 Geological Survey
 Oil and Gas Operations
 2000 Administration Building
 1745 West 1700 South
 Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator/Project Name Teton Energy Company, Inc. No. 12-2
 Project Type Wildcat Gas Test
 Project Location 1570'FWL, 225'FNL, Sec. 12, T16S, R25E, Grand CO. Utah
 Date Project Submitted August 21, 1980

FIELD INSPECTION

Date October 9, 1980

Field Inspection
 Participants

- Don Fox - Teton
- Don Miller - Dirt Contractor
- Jeff Robbins, Bob Dalla - BLM
- Glenn Doyle - U.S.G.S.

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

January 29, 1981
 Date Prepared

Glenn M. Doyle
 Environmental Scientist

I concur

3/2/81
 Date

E. W. [Signature]
 District Supervisor

Rec 3/2/81

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
1. Public health and safety					1, 2				
2. Unique characteristics					1, 2				
3. Environmentally controversial					1, 2				
4. Uncertain and unknown risks						4			
5. Establishes precedents					1, 2				
6. Cumulatively significant							6		
7. National Register historic places	1-1/29/81								
8. Endangered/threatened species	1-1/29/81								
9. Violate Federal, State, local, tribal law						4			3

Site-specific stipulations attached

COMMON REFERENCE LIST

NEPA Categorical Exclusion Review

1. SMA Input
2. Reviews, reports, or information received from Geological Survey (CD, GD, WRD, TD).
3. Lease Stipulations/Terms
4. Application to Drill
5. Operator correspondence
6. Field observation
7. Private Rehabilitation Agreement

Site-specific Stipulations

- 1.) Reduce the reserve pit dimensions to 10'x50'x200' and alter it into an L-shape so as to accommodate the blooie line and reduce cuts and fills.
- 2.) Blade a path 2 bulldozer blades wide behind the blooie pit to reduce the chance of igniting vegetation during flaring.
- 3.) If fractured bedrock is encountered the reserve pit will be lined with 2-3 inches of bentonite gel.
- 4.) Fence the reserve pit on three sides prior to drilling and on the fourth side once the rig moves off.
- 5.) Dirt contractor will minimize cuts and fills where possible; the survey stakes do not appear to accurately represent cuts and fills.

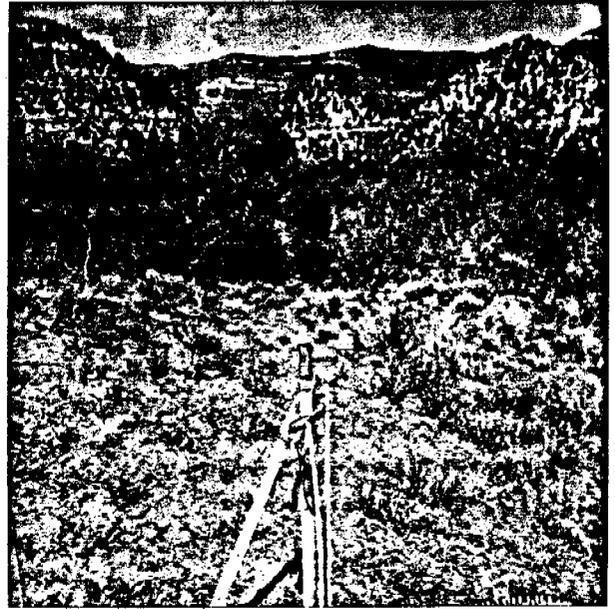
④



TETON 12-2 SEC. 12, T16S, R25E,
GRAND CO.

GEO MORPHOLOGICALLY UNIQUE FORMATION

③



TETON 12-2 SEC. 12, T16S, R25E,
GRAND CO.

PROPOSED LOCATION

②



TETON 12-2 SEC. 12, T16S, R25E
GRAND CO.

PROPOSED ACCESS ROUTE

①



TETON 12-2 SEC. 12, T16S, R25E
GRAND CO.

PROPOSED ACCESS ROUTE

STANDARD STIPULATIONS FOR OIL & GAS EXPLORATION

Contact this office at least 24 hours prior to beginning construction of access road and pad.

During construction of the pad and reserve pit, the vegetation will be removed first and piled to the NW end of the pad.

Stockpile the surface 12" to 16" of topsoil in front or adjacent to the brush pile which ever will afford the best access to a dirt contractor when rehabilitating the well site.

Notify the BLM Archaeologist if cultural material from subsurface deposits is exposed during the construction.

During construction of the pad, the cuts will be kept to a minimum to avoid a thirty foot cut-slope on the western edge of the well pad.

During construction of the pad and reserve pit, the subsoil will be moved in such a manner to be easily available for recontouring.

A diversion ditch will be cut on the contour into the slope above the reserve pit to drain overland water flow away from the reserve pit.

The pad will be constructed with a slight slant toward the reserve pit with a shallow ditch cut in front of the pit to facilitate water dispersal off the northwest edge of the well site.

Vegetation will be denuded from around the blooey pit to a width of no more than two dozer widths (32 feet) for reasons of personnel and environmental fire safety.

The bottom half of the reserve pit will be lined with at least 2 inches of bentonite spread over the surface.

If production is obtained, additional surface disturbing activities are not approved at this time.

Four-wire barbed wire fencing with 16 inches, 10 inches, 10 inches, and 10 inch spacing will be satisfactory for use around the reserve pit.

Rehabilitation of the site will be accomplished in accordance with the enclosed restoration procedures.

U. S. GEOLOGICAL SURVEY
OIL AND GAS OPERATIONS
RECEIVED

JAN 29 1981

GRAND JUNCTION, COLORADO

Access Road

The proposed route was well placed with regard to topography and grades. The average grade over the entire route is 9%. If the dirt contractor will use a cut fill method of construction, the 15% grades will probably end up around 12% to 14% when the road is completed.

70% of the route has side slopes 35% or less. This means that 70% of the road can be constructed as balanced sections and 30% will have to be constructed as full bench.

The road will be constructed with ditches and no less than a 3" crown.

The road will be constructed so that it will serve more than one location and meet the specifications of a permanent road design.

The road will consist of a 16 foot travel surface with turn-outs. The turn-outs will be located at intervals of 1000 ft. or intervisible which ever is less.

There should be two culverts placed in section 12 as indicated on the enclosed map. One will be a 30 inch and the other will be an 18 inch culvert. The placement of these are also depicted on the enclosed map.

Where side slopes are less than 20%, the trees will be cut, topped, and bucked into eight foot lengths and left piled to the side of the road where they will not impinge on the travel.

On slopes greater than 30%, the trees will be uprooted and scattered along the side slope.

Prior to actual construction of the right-of-way, the initial clearing of the right-of-way will be no more than 40 feet in width.

U S GEOLOGICAL SURVEY
OIL AND GAS OPERATIONS
RECEIVED

JAN 29 1981

GRAND JUNCTION, COLORADO

RECLAMATION PROCEDURES IN GRAND RESOURCE AREA

SURFACE RESTORATION

A. Producer:

- 1) When fluids have been removed or have dried up, the reserve pit will be filled in.
- 2) Cut-slope reduced by slope reduction from excess fill material.
- 3) The areas outside the deadmen and areas not needed for production equipment will be recontoured, topsoil spread, ripped and reseeded.
- 4) Seed should be broadcast by hand over the remaining topsoil pile to reduce nutrient depletion.
- 5) Seeding should be done in the fall (October through Mid-December).

B. Non-Producer (plugged and abandoned):

- 1) The dirt will be pushed back to its original contours which was a rounded montane finger jutting out from a very steep 40-80% slope knife ridge.
- 2) The cut-slope (back side of the reserve pit) will be restored to its original 15% repose or less in order to eliminate the side hill cut.
- 3) Lay the stockpiled surface soil over top of pad and spread evenly.
- 4) The location then ripped to a depth of at least 18", overlap passes in order to insure complete treatment.
- 5) Do not smooth pad out, leave a roughened surface in order to increase water infiltration and reduce erosion.
- 6) During October through Mid-December the pad should be reseeded with the enclosed seed mixture. The piled trees and shrubs will then be scattered over the location.
- 7) Final release will be dependent upon the success (perennial vegetative establishment) of the revegetation effort.

RECEIVED
NOV 14 1982
BUREAU OF LAND MANAGEMENT
DENVER, COLORADO

SEED MIXTURE

<u>Species</u>		<u>lbs/acre</u>
<u>Grasses</u>		
Oryzopsis hymenoides	Indian Rice Grass	1
Stipa comata	Needle and Thread Grass	1
Agropyron smithii	Western Wheatgrass	1
<u>Forbs</u>		
Achillea lanulosa	Western Yarrow	1
Linum lewisii	Flax	1
<u>Shrubs</u>		
Cercocarpus montanus	Mountain Mahogany	1
Purshia tridentata	Antelope Bitterbrush	<u>1</u>
	Total	7

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

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 Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR

Teton Energy Co., Inc.

3. ADDRESS OF OPERATOR

621 17th Street, Suite 1520 Denver, Colo 80239

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 1570 FWL, 225 FNL Sec 12, T16S,
AT TOP PROD. INTERVAL: R25E.
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

- | | | |
|--------------------------------|--------------------------|--------------------------|
| TEST WATER SHUT-OFF | <input type="checkbox"/> | <input type="checkbox"/> |
| FRACTURE TREAT | <input type="checkbox"/> | <input type="checkbox"/> |
| SHOOT OR ACIDIZE | <input type="checkbox"/> | <input type="checkbox"/> |
| REPAIR WELL | <input type="checkbox"/> | <input type="checkbox"/> |
| PULL OR ALTER CASING | <input type="checkbox"/> | <input type="checkbox"/> |
| MULTIPLE COMPLETE | <input type="checkbox"/> | <input type="checkbox"/> |
| CHANGE ZONES | <input type="checkbox"/> | <input type="checkbox"/> |
| ABANDON* | <input type="checkbox"/> | <input type="checkbox"/> |
| (other) <u>Change of plans</u> | | |

5. LEASE

U29333

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

12-2

10. FIELD OR WILDCAT NAME

San Arroyo

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

Sec 12, T16S, R25E Salt Lake P.M.

12. COUNTY OR PARISH

Grand

13. STATE

Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

7540 GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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

As per Verbal agreement with Bob Henricks, USGS District Office Salt Lake City, Utah. The casing program for this well has been changed as follows:

Size of hole	Size of casing	Wt Per Foot	Setting Depth	Type of Cement
24"	16"	Conductor pipe	40'	to surface
14 3/4"	10 3/4"	40.50#	±300'	to surface
9 5/8"	7 5/8"	26.40#	± 2650'	200 sks RFC
6 3/4"	4 1/2"	11.6#	ID	150 sks RFC

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Ronald L. Muller TITLE Asst. Dist. Mgr. DATE _____

(This space for Federal or State office use)
APPROVED BY [Signature] FOR E. W. GUYNN DISTRICT ENGINEER DATE APR 21 1981
CONDITIONS OF APPROVAL, IF ANY: _____

Accepted

open

As per to part 4/24

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Teton Energy Co., Inc.

3. ADDRESS OF OPERATOR
621 17th Street Suite 1520 Denver, Colo 80219

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1570 FWL, 225 FNL, Sec 12, T16S,
AT TOP PROD. INTERVAL: R25E
AT TOTAL DEPTH:

5. LEASE
U 29333

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.
12-2

10. FIELD OR WILDCAT NAME
San Arroyo

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 12, T16S, R25E Salt Lake P.

12. COUNTY OR PARISH
Grand

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7540 GR

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) <u>Run intermediate casing</u>		

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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

4-21-81

Ran 70 jts 7 5/8 O.D. 8rd 26.4# casing set @ 3003'
cemented with 150 sks class G cement with 2% Calcium Chloride
& 1/4 #/sk D-29

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct
SIGNED Ronald A. Melt TITLE Asst. Dist. Mgr DATE 4-23-81

(This space for Federal or State office use)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Teton Energy Co., Inc.

3. ADDRESS OF OPERATOR
621 17th Street, Suite 1520, Denver, Colo 80239

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1570 FWL, 225 FNL Sec 12, T16S, R25E
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH: Same as above

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) <u>Run 4 1/2 production Csg.</u>			

5. LEASE

U-29333

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

12-2

10. FIELD OR WILDCAT NAME

San Arroyo

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

Sec 12, T16S, R25E Salt Lake P.M.

12. COUNTY OR PARISH

Grand

13. STATE

Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7540 GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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

5-6-81

Ran 207 jts 4 1/2 O.D. 8rd 11.6# K-55 casing set @ 6578'
Cemented with 265 sks self stressed cement.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Ronald J. Miller TITLE Asst. Dist. Mgr. DATE 5-15-81

(This space for Federal or State office use)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R365.5.

2
3

5. LEASE DESIGNATION AND SERIAL NO.

U-29333

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

12-2

10. FIELD AND POOL, OR WILDCAT

~~San Arroyo Undesignated~~

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

Sec 12, T16S, R25E Salt Lake P.M.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
Teton Energy Co. Inc.

3. ADDRESS OF OPERATOR
621 17th Street Suite 1520 Denver, Colorado 80239

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1570 FWL, 225 FNL Sec 12 T16S, R25E

At top prod. interval reported below
At total depth

14. PERMIT NO. DATE ISSUED
43-019-30681 9-5-80

12. COUNTY OR PARISH GRAND 13. STATE UTAH

15. DATE SPUDDED 4-11-81 16. DATE T.D. REACHED 5-6-81 17. DATE COMPL. (Ready to prod.) 7-8-81 18. ELEVATIONS (DF, RKB, RT, OR, ETC.)* 7540 GR 19. ELEV. CASINGHEAD 7544GR

20. TOTAL DEPTH, MD & TVD 6600 21. PLUG, BACK T.D., MD & TVD 6500 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6297-6305 Dakota 6347- 6361 Dakota 25. WAS DIRECTIONAL SURVEY MADE No

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

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
16"	Conductor	40'	24"	to surface	
10 3/4"	40.50#	302'	14 3/4"	to surface	
7 5/8"	26.40#	3003'	9 7/8"	150 sx class G 2% CaCl ₂	1/4 #sk D-29
4 1/2"	11.6#	6560'	6 3/4"	265 sx self stress	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8	6312	

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

INTERVAL	SIZE	NUMBER	AMOUNT AND KIND OF MATERIAL USED
6297-6305	.39"	13 holes	1000 gal 7 1/2% HCL w/ 600scf/b
6347-6361	.39"	13 holes	750 gal 7 1/2% HCL w/ 600 scf/b
53928			40 gal w/ 82,000# 20-40-sand

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
6-23-81	Flowing	SIWOPL					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6-23-81	8	3/4			348.6		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
75#	250			1046			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) vented TEST WITNESSED BY Fil Peavy

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Ronald Z. Miller TITLE Asst. Dist Mgr. DATE 9-1-81

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

INSTRUCTIONS

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

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
		MEAS. DEPTH	
		TRUE VERT. DEPTH	
Mesa Verde	Surface	2309	Sand & Shale
Dartlegate	2668	2752	Sand & Shale
Dakota	6170	6425	Sand & Shale
			Surface
			2668
			2752
			6170
			6425
			6480

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

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Federal 12-2
 Operator TETON ENERGY Co Address 621 17th St. Suite 1520 Denver, Colo
 Contractor NICOR Rig # 38 Address _____
 Location 1/4 1/4 Sec. _____ T. _____ R. _____ County _____

Water Sands

	<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
	From	To	Flow Rate or Head	Fresh or Salty
1.	<u>1885</u>		<u>TSTM</u>	<u>Unknown</u>
2.				
3.				
4.				
5.				

(Continue of reverse side if necessary)

<u>Formation Tops</u>	<u>Mesa Verde - surface</u>	<u>Cedar Mountain - 6364</u>
	<u>Maneas - 2309</u>	<u>Morrison - 6416</u>
<u>Remarks</u>	<u>Dakota - 6000</u>	<u>Total Depth - 6560</u>

Hole was drilled w/ dry air to 1885, slight water flow was encountered the well was then drilled to TD with air/mist, no substantial water flow was seen.

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

San Arroyo 12-2

6/29/81 TOOH with tubing and SDFN.

6/30/81 Present operation: preparing to frac.

San Arroyo 12-2

6/30/81 TIH with 1 2-3/8" X 1 25/32 SSN and 2-3/8" tubing to 6253'.
ND BOP and NU well head. Finished hauling water to fill frac
tanks. SDFN.

San Arroyo 12-2

7/2/81 Moving in equipment. Preparing to frac.

7/2/81 Finished moving equipment to location. RU Western. Frac down
2-3/8" tubing and casing with 53,928 gal. Apollo 40 gel and
82,000 lbs 20-40 sand @ 500 SCF per bbl CO₂ as follows; Max. press.
5500, Min. press. 4400, Avg. press 4700, AIR 10 BPM fluid, 1.5 BPM
CO₂. ISIP 3500 psi, 15 min. ISIP 2800 psi. Total load to recover
1284 bbls. Job complete @ 7:20PM. Open to tank @ 1:15 AM 7/3/81
on 3/4" choke. Closed to tank for 6 hours. Recovered 120 bbls
load water and well died.

7/3/81 RU to swab. CP 540 psi. Swabbed for 8 hours. Recovered 57 bbls
fluid, well kicked off. Left open to tank and SDFN, with 1107 bbls
left to recover.

7/4/81 SDF Holiday.

7/5/81 SDFS.

7/6/81 Present operation; well dead. Flowed 11 bbls to tank over week-
end. 560 lbs on casing. Continuing to swab.

San Arroyo 12-2

7/6/81 Fluid level 1st run 2500'. Swabbed and flowed to tank 9 hours.
Recovered 47 bbls load water, 1060 left to recover. Installed
orifice tester with 1/2" plate between swab runs. Flowing between
91.8 MCFD and 116.4 MCFD. Left open to tank and SDFN.

San Arroyo 12-2

7/7/81 This am CP 190 lbs, TP 0. Continued to swab. Fluid level 1st
run 5200'. Tubing dry after 5th run. Installed orifice tester
with 1/2" plate for 1 hour. Initial making 7.5 lbs for a rate of
97.8 MCFD. Final flow making 5.0 lbs for a rate of 78.1 MCFD.
CP @ end of test 105 lbs. Blew down casing. ND tubing head and
NU BOP. RU to swab. Made 1 run per hour for 5 hours. Tubing dry
(no fluid entry). Installed orifice tester with 1/2" plate for 5
hour test. Slight flow on gas TSTM. CP increased from 0 to 40 lbs,
recovered total of 7 bbls load water, 1053 bbls load water to recov.
SI and SDFN.

San Arroyo 12-2

7/8/81 This am, CP 90 psi, TP 0. TOOH with tubing. PU and RIH with
retrieving head and tubing. Tagged sand fill @ 6280'. RU
Western and circ. sand off top of RBP using 86,000 SCF of N₂.
TOOH with tubing and RBP. TIH with 2-3/8 notched collar, 1
2-3/8 X 25/32 SSN and 208 jts of 2-3/8 tubing. Land @ 6312'.
ND BOP and NU tubing head, SI and SDFN.

San Arroyo 12-2

7/9/81 Rig released 6:00 PM 7/8/81.

Completion

Teton Energy Co., Inc.

San Arroyo 12-2

- 6/19/81 Moving in and RU completion unit.
- 6/20/81 NU tubing head. RU McCollough. Run GR and CBL. RD McCollough. TIH with 2-3/8" tubing. RU to swab. Swab fluid level to 5000'. SDFN.
- 6/21/81 SDFSunday. Will give details on Tues about tubing length.

San Arroyo 12-2

- 6/22/81 TOOH with tubing. RU McCollough. RIH and perforate @ 6347'-49'-51'-53'-55'-57'-59'-61'. 1 shot per foot. TIH with tubing. RU to swab. Made 3 runs to kick off well. Installed orifice tester with 1/2" plate. Flowed for 1 hour @ 200 psi for a rate of 1255 MCFD. SI and SDFN. Continuing to test.
- 6/23/81 TOC @ 4920'. Logged from 6500' to 4400'. Good bond overall.

San Arroyo 12-2

- 6/24/81 Installed orifice tester, flwd for 4 hrs on 3/4" plate. Flwg between 60-70# for rate of 872-908 MCFD. Removed tester, TOOH w/2-3/8" tbg. PU & RIH w/2-3/8" pkr, 1 2-3/8 x 1 25/32 SSN & 2-3/8" tbg. Set pkr @ 6300'. SDFN. Present oper.-preparing to acidize.

San Arroyo 12-2

- 6/24/81 RU Western and acidize down 2-3/8" tubing with 1000 gal. 7 1/2% HCL and 600 SCF/N₂ per bbl as follows: MP 5000, Min. press 1400, Avg. press. 3600, fluid rate 3 BPM. 5 min. ISIP 800, 10 min. ISIP 500, 15 min. ISIP 400. Left open to pit for clean up. SDFN.
- 6/25/81 This AM, installed orifice tester with 3/4" plate. Flowed for 2 hours. Stabilized @ 75 lbs for a rate of 1046 MCFD. Continuing to test.

San Arroyo 12-2

- 6/25/81 Continuing to test well on 3/4" plate. Flowed for 6 hours. Stabilized @ 75 lbs, for a rate of 1046 MCFD. Unseat packer and TOOH. SI and SDFN.
- 6/26/81 Present operation; preparing to RIH with wire line retrievable packer.

San Arroyo 12-2

- 6/26/81 RU McCullough. RIH with wire line retrievable plug and set @ 6325'. RIH with dump bailer and spot 1 sk sand on RBP. RIH with 3-1/8" Omega jet perforating gun and perforate @ 6297'-99'-6301'-03'-05', @ one shot per foot. RD McCullough. PU and RIH with 4 1/2" packer, 1 2-3/8" X 1 25/32 SSN and 2-3/8 tubing. Set packer @ 6257'. Install orifice tester with 1/2" plate. Well flowed for 1 1/2 hours. Slight show dry gas TSTM. SI and SDFN.
- 6/27/81 RU Western and acidize down 2-3/8" tubing with 750 gal. 7 1/2% HCL with 600 SCF per bbl as follows: Max. press. 3900, min. press. 3900, Avg. press. 3900, AIR 3 BPM, ISIP 3800, 15 min. 3700. Flowed to pit 1 hour for clean up. Installed orifice tester with 1/4" plate. Flowed 3 hours. Flowing between 0-5 lbs for a rate of 0-20.7 MCFD. TOH with packer. TIH with SSN and 2-3/8 tubing. Landed @ 6253'. SI and SDFN.
- 6/28/81 SDFSunday.

San Arroyo 12-2
 NENW Sec. 12-T16S-R25E
 Grand County, Utah

5/03/81 Drilling, 23 days since spud, at 272' in 24 hours. Depth 6444'. Bit #7, in at 6017', at 427' in 24 hours. Hours: drilling 18, survey 3/4, repair 1/2, rig service 1/2. Dev. 4 1/4" at 6335' and 3 1/2" at 6359'. Drilling fluid weight: Air.
 TDC: \$12,480.00
 TWC: \$368,226.00

5/04/81 Trip to condition mud, 24 days since spud, at 156' in 24 hours. Depth 6600TD'. Bit #7 in at 6017', out at 6600', at 583' in 36 1/2 hours. Hours: drilling 12 1/2, trip 2 1/2, rig service 1/2, Mix & condition mud 6-3/4, displacing mud 1. Drilling fluid weight 8.9, vis 44, WL 7.
 TDC: \$15,885.00
 TWC: \$384,111.00

San Arroyo 12-2

5/05/81 Logging, 25 days since spud. Depth 6660'. Hours: logging 11 1/2, cir. 1-3/4, bringign up volume 3, survey 3/4, trip 7. Drilling fluid weight 8.7, vis. 51, WL 7.4, PH 7, solids 4.
Copies Sent
 TDC: \$11,763.00
 TWC: \$402,874.00

San Arroyo 12-2

5/06/81 Bump ball through float, 26 days since spud. Depth 6600'. Hours: Trip 4, repair 1/2, rig service 1/2, run casing 4-3/4, pump ball on float collar 2-3/4, circulate 3, logging 1, wait on orders 1 1/2, lay down DP and DC 5 1/2, rig casing crew 1 1/2. Ran 207 joints of 4 1/2" K15 11.6 range 2 L, T, and C with float collar and guide shoe. Shoe at + - 6960', one joint off bottom.
 TDC: \$9,850.00
 TWC: \$412,724.00

San Arroyo 12-2

5/07/81 Nipple down, 27 days since spud. Depth 6600'. Hours: Cement 2 1/2, WTB 2 1/2, Pressure float 5 1/2, perf. 1 1/2, land casing 3 1/2, ND 2, trip 6 1/2, rig service 1/2. Casing: size 4 1/2, type K55, no. jts delivered 212, length 6737.92, no. jts RIH 207, length 6580. set@ 6578, float @ 6548, floating equip. ran insert fit shoe and 6 centralizers, no. of jts left on loc. 5, length 158.67. Cementing: type cement self stress 2, no sks 265, displaced with 95-100 brrls KCL water, cir. pres. 750 psi, while cementing 250 psi, while displacing 1000 psi, landed plug @ 1750, plug down @ 12:08 am, float held. 1 bd jt 29.44 Failed to trip ball at 500 lb. perf. casing at top float collar TOOH with casing install insert float, lay down bd jt. TIH cir. 3 jts down, cement @ 6580 land casing and nipple down.
 TDC:
 TWC: \$661,151.00

5/04/81 Addendum; Test well flow tested 63 min. flow stabilized in 45 min. @ 2810 MCFD

Teton Energy Co., Inc.

San Arroyo 12-2

5/08/81 Rig released 5/07/81 at 8:00am.

San Arroyo 12-2

5/04/81 Addendum:

TIME	CHOKE SIZE*	PSI	ORIFICE SIZE	PSI	FLOW RATE
2:30am	20/64"	625	1 1/2"	80	4MMCF
3:00am	24/64"	575	1 1/2"	70	
3:30am	40/64"	425	1 1/2"	60	
3:30-4:45	40/64"	425-275	1 1/2"	60-90	Flow stabilized
4:45-5:00	40/64"	225	1 1/2"	90-90	
5:00-6:00	40/64"	225	1 1/2"	63	2810MCF

15' flare @ 6300 + -, 35' sustained flare @ 6350 + - 30-50' in height

* Unable to test well without a choke due to high flow rate.

Copies Sent

- 4/25/81 Drilling, 15 days since spud, 525' in 24 hours. Depth 4074'.
Bit #5, in at 3549', 525' in 19-3/4 hours. Hours: Drilling
19-3/4, survey 1/2, trip 2-3/4, rig service 1. Dev. 2-3/4° at
3714', 4-3/4° at 3990'.
DMC: \$1,034.00 TDC: \$13,134.00
TWC: \$265,401.00
- 4/26/81 Drilling, 16 days since spud, 216' in 24 hours. Depth 4290'.
Bit #5, in at 3549, 741' in 41-3/4 hours. Hours: drilling
22, survey 1 1/2, rig service 3/4. Dev. 4 1/2° at 4087', 5° at
4179'.
TDC: \$12,000.00 TWC: \$277,401.00
- 4/27/81 Drilling, 17 days since spud, 402' in 24 hours. Depth 4692'.
Bit #5, in at 3549, 1143' in 62 1/2 hours. Hours: drilling
20 1/2, survey 2, repair 3/4 rig service 3/4. Dev. 5° at 4304',
4 1/2° at 4397' and 5 1/2° at 4646'.
TDC: \$12,100.00 TWC: \$289,501.00
- 4/28/81 Trip, 18 since spud 18, 101' in 24 hours. Depth 4793'. Bit #5, in
at 3549', out at 4793', 1244' in 73 1/2 hours. Bit #6, serial #BB6122,
size and type 6-3/4 F-4, in at 4793'. Hours: Drilling 13, survey
1-3/4, trip 3, repair 5, rig service 1/2, clean junk out of drill
collar 3/4. Dev. 5 1/2° at 4704', 5-3/4° at 4771', 5-3/4° at 4793'.
DMC: \$646.00 TDC: \$12,646.00
TMC: \$11,506.00 TWC: \$302,147.00
- 4/29/81 Drilling, 19 days since spud, 447' in 24 hours. Depth 5240'. Bit #6,
serial number BB6122, size and type 6-3/4 F-4, in at 4793', 447' in
16 1/2 hours. Hours: Remove junk 1 1/2, check BOP 1/2, drilling 16 1/2, survey
1-3/4, trip 2-3/4, repair 3/4, rig service 3/4. Dev. 6° at 4896',
6 1/2° at 5116, 6 1/2° at 5240'.
DMC: \$265.00 TDC: \$13,065.00
TMC: \$11,771.00 TWC: \$315,212.00
- 4/30/81 Drilling, 20 days since spud, 279' in 24 hours. Depth 5519'.
Bit #6, at 726' in 30 hours. Hours: drilling 13-3/4, survey
3/4, trip 7 1/2, repair air head 1 1/2, rig service 1. Dev. 6° at
5363', 6° at 5519'.
TMC: \$11,771.00 TDC: \$12,780.00
TWC: \$327,992.00
- 5/01/81 Drilling, 21 days since spud, at 411' in 24 hours. Depth 5930'.
Bit #6, in at 4793', at 1137' in 51 hours. Hours: drilling 21,
survey 2 1/2, rig service 3/4. Dev. 6 1/2° at 5643', 6 1/2° at 5768',
6 1/2° at 5892. Drilling fluid weight 8.9, vis. 43, WL 7, PH 9.0,
solids 4.0.
DMC: \$200.00 TDC: \$12700.00
TMC: \$11971.00 TWC: \$340,692.00

San Arroyo 12-2

- 5/02/81 Drilling, 22 days since spud, at 242' in 24 hours. Depth 6172'.
Bit #6 in at 4793', out at 6017', at 1224' in 58 1/2 hours. Bit #7
serial number BB6069, size and type 6-3/4 F-2, jet size, open, in
at 6017', at 155' in 6 hours. Hours: drilling 13 1/2, survey 1 1/2,
trip 7, rig service 1/2, repair 1 1/2, air compressor repair 1/2. Dev.
5-3/4° at 6017' and 4 1/2° at 6110'. Drilling fluid weight: Air.
TDC: \$15,054.00
TWC: \$355,746.00

4/17/81

Drilling, 7 days since spud, 701' in 24 hours. Depth 2570'. Bit #2 in at 306'. 2264' in 67 hours. Hours: drilling 21, survey 1, repair $\frac{1}{4}$, rig service $\frac{3}{4}$, blow hole $\frac{1}{2}$, mist $\frac{1}{2}$. Dev. $1-3/4^\circ$ at 1911', $1-3/4^\circ$ at 2320'.
TMC: \$4,458.00 TDC: \$11,400.00
TWC: \$107,608.00

4/18/81

TOOH, 8 days since spud, 154' in 24 hours. Depth 2724'. Bit #2, in at 306', out at 2724', 2418' in $73\frac{1}{2}$ hours. Hours: drilling $6\frac{1}{2}$, rig service $\frac{1}{4}$, mix mud $2-3/4$, circ. $1\frac{1}{4}$, ream and displace mud $5\frac{1}{4}$, trip 8. Drilling fluid weight 8.7, vis. 48, WL 7.0, PH 10.
DMC: \$1,234.00 TDC: \$11,050.00
TMC: \$118,658.00 TWC: \$183,658.00

4/19/81

Drilling, 9 days since spud, 12' in 24 hours. Depth 2736'. Bit #2, serial # BB 9013, size and type F-3 9-7/8, jet size $3/15$, in at 306', out at 2724'. 2418' in $73\frac{1}{2}$ hours. Bit #2, in at 2724', out at 2736'. 12' in $2\frac{1}{2}$ hours. Hours: drilling $2\frac{1}{2}$, trip 8, rig service $\frac{1}{2}$, logging $3-3/4$, waiting on orders $8\frac{1}{2}$, circulate 1. Drilling fluid weight 8.7, vis. 48, WL 7.9, PH 10, solids 2.5.
DMC: \$1,071.00 TDC: \$18,523.00
TMC: \$5,529.00 TWC: \$202,181.00

2/20/81

Trip, 10 days since spud, 42' in 24 hours. Depth 2780'. Bit #2, in at 2724', out at 2778', 54' in $19-3/4$ hours. Bit #3, serial # BB 9783, size and type 5DS, jet size $3/13$, in at 2778'. Hours: drilling $18-3/4$, survey $\frac{1}{4}$, trip $4\frac{1}{2}$, rig service $\frac{1}{2}$. Dev. $2\frac{1}{4}^\circ$ at 2757'. Drilling fluid weight 8.9, vis. 38, WL 6.8, PH 9.5, solids 4.
DMC: \$1,117.00 TDC: \$11,867.00
TMC: \$6,646.00 TWC: \$214,048.00

4/21/81

Trip, 11 days since spud, 225' in 24 hours. Depth 3005'. Bit #4, in at 2778', out at 3005', 227' in $19\frac{1}{4}$ hours. Hours: drilling $18-3/4$, survey $\frac{1}{2}$, trip $2\frac{1}{2}$, rig service 1, circ. $1\frac{1}{2}$. Dev. 2° at 3005'. Drilling fluid weight 9.0, vis. 56, WL 5.8, PH 10, solids 4.5.
DMC: \$1,574.00 TDC: \$12,749.00
TMC: \$9,576.00 TWC: \$164,297.00

(hit TD 2 a.m. 4/21/81)

4/22/81

Picking up bottom hole assembly, 12 days since spud. Depth 3005'. Ran 70 joints of 7-5/8, 26.4 casing with guide shoe, insert float 6 centralizers. 1 centralizer set at middle of shoe joint, 1 at the top of float, and 1 every other joint. 3007' set at 3003'. Cement with 150 sacks of class "G" $2\frac{1}{2}$ CaCl $\frac{1}{4}$ # per sack D-29. 31 barrels of slurry, 15.8 PPG yield 1.15. Displace with 137 barrels water. Overdisplaced 1 barrel. Float did not bump, float held. Job complete at 2:00 p.m. Waiting on cement, lay down pipe, picking up bottom hole assembly.

4/23/81

Drilling, 13 days since spud, 110' in 24 hours. Depth 3115'. Bit #4, serial # BB 6120, size and type 6-3/4 T-2, jet size open, in at 3005', 110' in 4 hours. Hours: drilling 4, trip 2, repair $2\frac{1}{2}$, rig service $\frac{1}{2}$, repair rotating head $3/4$, drill plug $2\frac{1}{2}$, unloading hole $4-3/4$, dry up hole 1, repair clutch $1\frac{1}{2}$, nipple up $4\frac{1}{2}$.
TDC: \$12,730.00

4/24/81

Trip, 14 days since spud, 434' in 24 hours. Depth 3549'. Bit #4, in at 3005', out at 3549', 544' in $22\frac{1}{2}$ hours. Bit #5, serial # BB6121, size and type 6-3/4 F-2, in at 3549'. Hours: drilling $18\frac{1}{2}$, survey $1\frac{1}{2}$, trip $2\frac{1}{2}$, repair 1, rig serv. 1. Dev. $2\frac{1}{2}^\circ$ at 3200', $2\frac{1}{2}^\circ$ at 3401'.
DMC: \$250.00 TDC: \$12,237.00
TMC: \$9,821.00 TWC: \$252,267.00

Alfred

WELL: San Arroyo 12-2
LOCATION: Sec. 12, T. 16 S., R. 25 E. (NENW)
COUNTY: Grand County, Utah

OPERATOR: Teton Energy Co., Inc.
CONTRACTOR: Nicor, Rig #38
ELEVATION: 7540' GR
T.D.: 7660'
TEST: Granite

San Arroyo 12-2

4/3/81 Building road and location.

4/10/81 17 hours rigging up, mixing mud 2, drilling rat hole 5.
Spudding in the next hour.

San Arroyo 12-2

4/11/81 Run casing. Depth 306'. Bit #1 retip, size and type 14-3/4 OFC3, jet size 3/15, in at 40', out at 306'. 266' in 12-3/4 hours.
Hours: drilling 12-3/4, survey 3/4, trip 1, repair 1-3/4, rig service 1/2, running casing 3, cement 1/2, circ. 1, drill mouse hole 3. Spudded at 9:30 a.m. 4/11/81. Ran 8 joints 10-3/4 40.5# KE R-3 guide shoe insert float. 1 centralizer at bottom of shoe joint, 1 at top. Total length 302.15. Set KB at 302' cement with 300 sacks of class "G" 2% CaCl 1/2# per sack of D-29. 61 barrels 15.8 PPG yield 1.15 barrels 27 1/2 barrels. Did not bump plug. Pumped 1/2 barrel which equals 2 barrels overdisplacement. Float held plug within the head. Estimated to 16' of cement inside casing. Job completed at 6:00 a.m.

4/12/81 Waiting on cement, 2 days since spud. Hours: waiting on cement 12, cut off casing and welding and started NU 12.

4/13/81 Drilling, 3 days since spud, 22' in 24 hours. Depth 328'. Bit #2 serial # BB9013, size and type 9-7/8 F3, jet size 0, in at 306', 22' in 2-3/4 hours. Hours: trip on airhead 2, NU 14, test BOP, tightening lines and testing manifold 2, drill out float cement dry out hole 1-3/4, drilling 2 1/2.

4/14/81 Trip. 230' in 24 hrs. Depth 558'. Bit #2 252' in 13 hrs.
Hrs: Drlg 10-3/4, surv. 1/2, trip 3-3/4, rep. 6 1/2, rig serv 1/2.
Dev. 3/4° @ 546'. Drlg fluid - air.
DAC: 1,841 TDC: 9,775
TAC: 2,075 TWC: 71,354

4/15/81 Drilling, 5 days since spud, 462' in 24 hours. Depth 1020'.
Hours: drilling 12-3/4, survey 1/2, trip 2, repair 6, rig service 3/4, install airhead 1/2, dry up hole 1 1/2. Dev. 1 1/2° at 858', 1 1/2° at 1012'.
TMC: \$1,841.00 TDC: \$8,030.00
TWC: \$79,161.00

4-16-81 Drilling, 6 days since spud, 845' in 24 hrs., Depth 1865'.
Bit #2, in @ 306', 1559' in 46 hrs. Clean hole in 1/2 an hour.
21 1/2 hrs. drilling, srvy 1 1/2, rig serv. 3/4. Deviation: 1-3/4' @ 1169, 1/2' @ 1262, 1-1/2' @ 1543.
Mud Cost: 2617.00 Total Daily Costs: 17,047.00
Cum. Mud: 4458.00 Cu. Well Costs : 161,208.00

October 14, 1931

Teton Energy Company, Inc.
621 17th Street
Suite 1520
Denver, CO 80293

Re: Well No. Federal #12-2
Sec. 12, T. 16S, R. 25E
Grand County, Utah

Gentlemen:

In reference to the above mentioned well, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill this well, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

TERRI REID
CLERK TYPIST

10/19/81



OCT 21 1981

Terri,

DIVISION OF
OIL, GAS & MINING

Here is all the information you requested on Federal 12-2 located in Sec. 12-T162-R25E Grand County, Utah. A set of logs have already been sent to your office. Please contact me if you are in need of any further information. The well is currently SI waiting on pipeline.

Yours truly,
 Leatrice Birden
 Drilling & Production Secretary



PO 1981

P

SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON
Chairman

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
MAXILIAN A. FARBMAN
EDWARD T. BECK
E. STEELE McINTYRE

CLEON B. FEIGHT
Director

October 14, 1981

RECEIVED
OCT 21 1981

Teton Energy Company, Inc.
621 17th Street
Suite 1520
Denver, CO 80293

DIVISION OF
OIL, GAS & MINING

Re: Well No. Federal #12-2
Sec. 12, T. 16S, R. 25E
Grand County, Utah

Gentlemen:

In reference to the above mentioned well, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill this well, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Terrí Reid

TERRI REID
CLERK TYPIST

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
Teton Energy Co., Inc.

3. ADDRESS OF OPERATOR
621 17th Street, Suite 1520 Denver, Colo 80293

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1570 FWL, 225 ENL Sec 12,
AT TOP PROD. INTERVAL: T16S, R25E
AT TOTAL DEPTH:

5. LEASE
U 29333

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.
12-2

10. FIELD OR WILDCAT NAME
San Arroyo

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 12, T16S, R25E Salt Lake P.M.

12. COUNTY OR PARISH Grand 13. STATE Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
7540 GR

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) <u>Notice of Spud</u>			

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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

Well was spudded @ 9:30 AM 4-11-81 Ran 8 jts 10 3/4 O.D. 40.5# K-55 csg set @ 302'. Cemented with 300 sks class G cement with 2% Calcium Chloride

APR 11 1981
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Ronald L. Bullif TITLE Asst. Dist. Mgr DATE _____

(This space for Federal or State office use)

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



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

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

January 13, 1982

Teton Energy Co., Inc.
621 17th Street, Suite 1520
Denver, Colorado 80239

Re: Well No. Federal 12-2
Sec. 12, T. 16S, R. 25E
Grand County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office September 1, 1981, from above referred to well, indicates the following electric logs were run: CNL-FDC, DIL Cyberlook. As of todays date, this office has not received these logs.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script that reads "Cari Furse".

Cari Furse
Clerk Typist

Piute Energy Company

RECEIVED

JUN 20 1984

DIVISION OF OIL
GAS & MINING

June 18, 1984

State of Utah Natural Resources
Oil, Gas & Mining
4241 State Office Bldg.
Salt Lake City, Utah 84114

Attention: Oil & Gas Section

Re: Notice of Change of Operator
Form OGC - 1b
Uintah & Grand Counties, Utah

Gentlemen:

Please find enclosed, in triplicate, the captioned forms covering the following wells:

<u>WELL NAME</u>	<u>DESCRIPTION</u>	<u>WELL STATUS</u>
1. Horseshoe Bend Prospect Federal #26-1	NW/4NE/4 Sec. 26-T6S-R21E Uintah County, Utah	Shut-In Gas Well
2. San Arroyo Prospect Federal #12-2	NE/4NW/4 Sec. 12-T16S-R25E Grand County, Utah	Shut-In Gas Well
3. Gusher-Altamont Prospect (Chevron) Federal #1-33	SE/4NW/4 Sec. 33-T5S-R19E Uintah County, Utah	Producing Oil Well

Piute Energy Company has physically taken over and is Operator of record relative to the captioned wells, effective as stated.

Please furnish the undersigned with approved copies as soon as they are available. Should you have any questions, just give me a call.

Yours very truly,

PIUTE ENERGY COMPANY



Mac Neumann
Land Manager

MN:11

Enclosures

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.
U-29333

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
12-2

10. FIELD AND POOL, OR WILDCAT
San Arroyo

11. SEC., T., R., M., OR BLE. AND SUBST OR ARRA
Sec. 12-T16S-R25E

12. COUNTY OR PARISH
Grand

13. STATE
Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Piute Energy Company

3. ADDRESS OF OPERATOR
600 17th Street, Suite 650 'N', Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
1570' FWL, 225' FNL Sec. 12-T16S-R25E

14. PERMIT NO.
43-019-30686

15. ELEVATIONS (Show whether DP, RT, OR, etc.)
7540 GR

16. Sept. 5, 1980

18. 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"/>	FULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Change of Operator</u> <input checked="" type="checkbox"/>	

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

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

From: Teton Energy Co., Inc.
621 17th Street, Suite 2201
Denver, Colorado 80293

TO: Piute Energy Company
600 17th Street, Suite 650 'N'
Denver, Colorado 80202

The effective date of the Change of Operator is June 1, 1984.

RECEIVED

JUN 20 1984

DIVISION OF OIL
GAS & MINING

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

SIGNED F. Richard Myal TITLE District Engineer DATE 6/18/84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF OIL, GAS, AND MINING

5. LEASE DESIGNATION AND SERIAL NO.
 U-29333

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Federal

9. WELL NO.
 12-2

10. FIELD AND POOL, OR WILDCAT
 San Arroyo

11. SEC., T., B., M., OR BLK. AND SURVEY OR AREA
 Sec. 12, T16S, R25E
 Salt Lake P.M.

12. COUNTY OR PARISH
 Grand

13. STATE
 Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED

MAR 22 1985

**DIVISION OF OIL
 GAS & MINING**

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
 Piute Energy Company

3. ADDRESS OF OPERATOR
 743 Horizon Ct, Ste. #201, Grand Junction, CO 81506

4. LOCATION OF WELL (Report location clearly and in accordance with any Division Order. See also space 17 below.)
 At surface
 1570' FWL, 225 FNL Sec. 12

14. PERMIT NO.
 43-019-30686

15. ELEVATIONS (Show whether SP, TV, OR, etc.)
 7540 GR

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 COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>First Delivery</u>	<input checked="" type="checkbox"/>

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

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

The Federal 12-2 was first delivered to Arco's San Arroyo gathering system at 2:50 P.M., March 6, 1985 at a rate of 351 M.C.F.D.

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

SIGNED [Signature] TITLE Drilling & Production Manager DATE 3/19/85

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
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 depth. Use "APPLICATION FOR PERMIT—"

RECEIVED
JAN 08 1990

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-29333
2. NAME OF OPERATOR Piute Energy Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 743 Horizon Ct., Suite 201, Grand Junction		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1570' FWL, 225 FNL Sec. 12		8. FARM OR LEASE NAME Federal
14. PERMIT NO. 43-019-30686		9. WELL NO. 12-2
15. ELEVATIONS (Show whether SP, RT, CR, etc.) 7540 GR		10. FIELD AND POOL, OR WILDCAT San Arroyo
		11. SEC., T., R. M., OR B.L.E. AND SURVEY OR AREA Sec. 12, T16S, R25E Salt Lake P.M.
		12. COUNTY OR PARISH Grand
		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 COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

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

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

Mesa Pipeline shut in 10/26/89.

OIL AND GAS	
DRN	RJF
JRB	GLH
DTS	SLS
1-TAS	
2- MICROFILM	
3- FILE	

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

SIGNED [Signature] TITLE Operations Manager DATE 1/3/90

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CORRECTIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial Number:

U-29333

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.)

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

1. Type of Well: OIL GAS OTHER:

8. Well Name and Number:

Federal 12-2

2. Name of Operator: Tamarack Energy, Inc.
c/o A A Production, Inc. - Property Manager

9. API Well Number:

430-193-0686

3. Address and Telephone Number:
P. O. Box 64183 Lubbock, Texas 79464 (806) 745-8655

10. Field and Pool, or Wildcat:

San Arroyo

4. Location of Well
Footages: 1570 FWL, 225 FNL
OO, Sec., T., R., M.: Section 12, T16S, R25E

County: Grand
State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>change of operator</u> | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Tamarack Energy, Inc. has purchased this well from Piute Energy, Inc. effective November 1, 1992.

RECEIVED

APR 15 1993

DIVISION OF
OIL GAS & MINING

13.

Name & Signature: Karen George

Title: Accountant

Date: 4/12/93

(This space for State use only)

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER:	5. Lease Designation and Serial Number: U-29333
2. Name of Operator: Piute Energy, Inc. c/o A A Production, Inc. - Property Manager	6. If Indian, Allottee or Tribe Name:
3. Address and Telephone Number: P. O. Box 64183 Lubbock, Texas 79464 (806) 745-8655	7. Unit Agreement Name:
4. Location of Well Footages: 1570 FWL, 225 FNL OO, Sec., T., R., M.: Section 12, T16S, R25E	8. Well Name and Number: Federal 12-2 9. API Well Number: 430-193-0686 10. Field and Pool, or Wildcat: San Arroyo
	County: Grand State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)																										
<table style="width: 100%;"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input type="checkbox"/> Other _____</td> <td></td> </tr> </table>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____		<table style="width: 100%;"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td colspan="2"><input checked="" type="checkbox"/> Other <u>change of operator</u></td> </tr> </table>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other <u>change of operator</u>	
<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction																										
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<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare																										
<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off																										
<input checked="" type="checkbox"/> Other <u>change of operator</u>																											
Approximate date work will start _____	Date of work completion _____ <small>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.</small>																										

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Piute Energy, Inc. has sold this well to Tamarack Energy, Inc. effective November 1, 1992.

RECEIVED

APR 15 1993

DIVISION OF
OIL GAS & MINING

13. Name & Signature: Karen George Title: Accountant Date: 4/12/93

(This space for State use only)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
U-29333

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Federal 12-2

9. API Well No.
430-193-0686

10. Field and Pool, or Exploratory Area
San Arroyo

11. County or Parish, State
Grand, Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Tamarack Energy, Inc.
c/o A A Production, Inc. - Property Manager

3. Address and Telephone No.
P. O. Box 64183 Lubbock, Texas 79464 (806) 745-8655

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1570 FWL, 225 FNL Section 12 - T16S - R25E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>change of operator</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

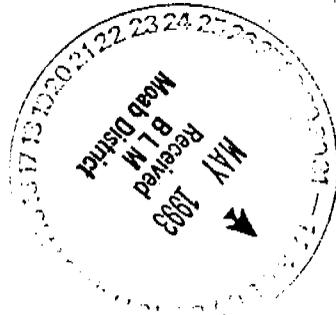
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator changed to Tamarack Energy, Inc. effective November 1, 1992.

I hereby certify that I am responsible under the terms and conditions of the lease to conduct lease operations. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by Tamarack Energy, Inc. (BLM Bond No.: UT-0078).

UT 0708 VB 5/74



RECEIVED

MAY 12 1993

DIVISION OF OIL, GAS & MINING

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

Signed Karen George

Title Accountant
A A Production, Inc.

Date April 14, 1993

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title Assistant District Manager
for Minerals

Date _____

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Doqum

Tamarack Energy, Inc.
Well No. Federal 12-2
NENW Sec. 12, T. 16 S., R. 25 E.
Grand County, Utah
Lease U-29333

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Tamarack Energy, Inc., is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by UT0708 (Principal - Tamarack Energy, Inc.) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

RECEIVED

MAY 12 1993

DIVISION OF
OIL, GAS & MINING

UTU30276	1	ABD	18S	16E	8	NENW	430153001400X1	CHEVRON USA INCORPORATED
UTU30123	16-24	GSI	16S	24E	30	SENW	430193092500S1	BONNEVILLE FUELS CORPORATION
UTU29645	27-1	PGW	16S	25E	27	NWSW	430193057000S1	GRAHAM ROYALTY LIMITED
UTU29644	41-20	PGW	16S	25E	20	NENE	430191569600S1	BEARTOOTH OIL + GAS COMPANY
UTU29642	17-9	PGW	16S	25E	17	NESE	430193047200S1	LONE MOUNTAIN PRODUCTION CO
UTU29641	13-9	PGW	16S	25E	13	NESE	430193046800S1	LONE MOUNTAIN PRODUCTION CO
UTU29638	25-1	ABD	14S	07E	25	NENE	430073007400X1	MIDCON CENTRAL EXPLORATION CO
UTU29333	12-2	PGW	16S	25E	12	NENW	430193068600S1	Tamarack Energy, Inc. 11/11/92 PIUTE ENERGY COMPANY
UTU28275	1-4	ABD	16S	16E	4	NESW	430153019800X1	GREAT WESTERN ONSHORE INC
UTU28266	USA #1	ABD	15S	10E	20	NWSE	430073011000X1	BENSON MONTIN GREER DRILG CORP

PAGE 15

LEASE INVENTORY FOR MDO AS OF 04/19/93 (MDLSINV.FEX)

WFI_IN_ITEM	W_WELL_NO	W_WELL_STAT	W_TOWNSHIP	W_RANGE	W_SECTION	W_QTR_QTR	W_API_WEL_NO	H_OPERATOR
UTU27505	4-26	TA	27S	21E	26	SENW	430373061700S1	MEGADON ENTERPRISES INC
UTU27357	1-20	POW	40S	23E	20	SESE	430371105800S1	DOW + MARKS
UTU26467	1	GSI	31S	24E	6	NENE	430373057200S1	COLUMBIA GAS DEVELOPMENT CORP
UTU26467	2	TA	31S	24E	5	NESW	430373061200S1	COLUMBIA GAS DEVELOPMENT CORP
UTU26421	8-3	GSI	21S	24E	8	NWSW	430193092500S1	BONNEVILLE FUELS CORPORATION

RECEIVED

MAY 12 1993
DIVISION OF
OIL, GAS & MINING



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

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340
801-359-3940 (Fax)
801-538-5319 (TDD)

May 13, 1993

Karen George
Tamarack Energy Inc.
c/o AA Production
P. O. Box 64183
Lubbock, Texas 79464

Dear Ms. George:

Re: Piute Energy to Tamarack Energy Inc. - Federal
12-2 well, located in Section 12, Township 16 South, Range
25 East - Grand County, Utah.

In reviewing the operator change for the referenced well, it was determined that your company is not currently registered with the Utah Department of Commerce. This letter is written to advise you of your responsibility to register your company with the state prior to conducting business within Utah. This can be accomplished by contacting:

Department of Commerce
Division of Corporations
160 East 300 South
Salt Lake City, Utah 84111
(801) 530-4849

Sincerely,

Lisha Cordova
Admin. Analyst

cc: Dept. of Commerce
D.T. Staley
R.J. Firth
Operator File(s)
Correspondence File/ldc



Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:	
1- VLC	7- LECC
2- DESY	
3-VLC	✓
4-RJF	✓
5-RWM	✓
6-ADA	✓

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 11-1-92)

TO (new operator)	<u>TAMARACK ENERGY INC</u>	FROM (former operator)	<u>PIUTE ENERGY</u>
(address)	<u>PO BOX 64183</u>	(address)	<u>C/O AA PRODUCTION</u>
	<u>LUBBOCK, TX 79464</u>		<u>PO BOX 64183</u>
	<u>C/O AA PRODUCTION</u>		<u>LUBBOCK, TX 79464</u>
	phone (<u>806</u>) <u>748-8512</u>		phone (<u>806</u>) <u>745-8655</u>
	account no. <u>N 4600</u>		account no. <u>N 9530</u>

Well(s) (attach additional page if needed):

Name: <u>FEDERAL 12-2/DKTA</u>	API: <u>43-019-30686</u>	Entity: <u>577</u>	Sec: <u>12</u> Twp: <u>16S</u> Rng: <u>25E</u>	Lease Type: <u>U-2933</u>
Name: _____	API: _____	Entity: _____	Sec: _____ Twp: _____ Rng: _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec: _____ Twp: _____ Rng: _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec: _____ Twp: _____ Rng: _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec: _____ Twp: _____ Rng: _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec: _____ Twp: _____ Rng: _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec: _____ Twp: _____ Rng: _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Sec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 4-15-93)*
- Sec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 4-15-93)*
- Sec 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) no If yes, show company file number: _____. *(5-13-93) (letter mailed 5-13-93)*
- Sec 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- Sec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(5-13-93)*
- Sec 6. Cardex file has been updated for each well listed above. *(5-13-93)*
- Sec 7. Well file labels have been updated for each well listed above. *(5-13-93)*
- Sec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(5-13-93)*
- Sec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- N/A 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operators' bond files.
- Yes 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date 5/14/93 1993. If yes, division response was made by letter dated 5/14/93 1993.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 5/14/93 1993, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- FWM 1. All attachments to this form have been microfilmed. Date: May 18 1993.

FILING

- Yes 1. Copies of all attachments to this form have been filed in each well file.
- Yes 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

930513 Btm/moab Approved 5/93.

5. Lease Designation and Serial Number:
U - 29333

SUNDRY NOTICES AND REPORTS ON WELLS

6. If Indian, Allottee or Tribe Name:

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

7. Unit Agreement Name:

1. Type of Well: OIL GAS OTHER:

8. Well Name and Number:
Federal #12-2

2. Name of Operator:
A A Production, Inc.

9. API Well Number:
430-193-0686

3. Address and Telephone Number:
P.O. Box 64183, Lubbock, TX 79464

10. Field and Pool, or Wildcat:
San Arroyo

4. Location of Well
Footages: 1570 FWL, 225 FNL
OO, Sec., T., R., M.: Section 12, T16S, R25E

County: Grand
State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit In Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Change of Operation</u> | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

A A Production purchased this well from Tamarack effective 9/1/93.

RECEIVED

NOV 09 1993

DIVISION OF
OIL, GAS & MINING

13.

Name & Signature: Glenda P. Hart *Glenda P. Hart* Title: Regulatory Analyst Date: 11/4/93

(This space for State use only)

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

U - 29333

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:

8. Well Name and Number:

Federal #12-2

9. API Well Number:

430-193-0686

10. Field and Pool, or Wildcat:

San Arroyo

1. Type of Well: OIL GAS OTHER:

2. Name of Operator: Tamarack Energy

c/o A A Production, Inc.

3. Address and Telephone Number:

P.O. Box 64183, Lubbock, TX 79464

4. Location of Well

Footages: 1570 FWL, 225 FNL

OO, Sec., T., R., M.: Section 12, T16S, R25E

County: Grand
State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Change of Operation</u> | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

A A Production purchased this well from Tamarack effective 9/1/93.

FEB 17 1994

13.

Name & Signature: Glenda P. Hart *Glenda P. Hart* Title: Regulatory Analyst

Date: 12/1/93

(This space for State use only)

Moab District
P. O. Box 970
Moab, Utah 84532

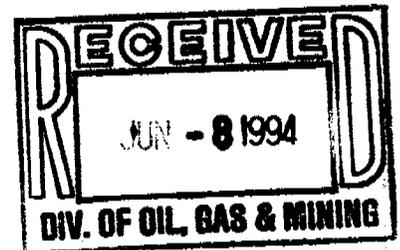
3160
(UTU29333)
(UT-065)

JUN - 6 1994

CERTIFIED MAIL - RETURN RECEIPT REQUESTED
Certification No. Z 208 957 879

Mr. James Marable
A A Production, Inc.
2807 74th Street, Suite #2
Lubbock, Texas 79423

Re: Change of Operator
Well No. 12-2
NENW Sec 12, T. 16 S., R. 25 E.
Lease UTU29333



Dear Mr. Marable:

Based on a recent file search, it has come to our attention that the referenced well has not been officially transferred from Tamarack Energy, Inc., to A A Production, Inc., through a formal change of operatorship process. According to the Monthly Reports of Operation (MMS Form -3160) A A Production, Inc., is currently reporting production on this well.

Therefore, if A A Production, Inc., wishes to continue operating and reporting this well, you must submit a change of operator on a sundry notice in accordance with 43 CFR 3162.3. This notice must include evidence of sufficient bond coverage, a self-certification statement (see enclosure) that the new operator is responsible under the terms and conditions of the lease for the operations conducted thereon.

If A A Production, Inc., declines to take over well operations within 30 days of receipt of this letter, the well will revert back to Tamarack Energy, Inc., and A A Production, Inc., should cease filing monthly reports of operation. We need to resolve this issue promptly.

If you have any questions, please contact Verlene Butts, Branch of Fluid Minerals at (801) 259-6111.

Sincerely,

/S/ WILLIAM C. STRINGER

Associate District Manager

Enclosure
Self-Certification Statement

cc: UT-068, Grand Resource Area Office (wo/Enclosure)
Tamarack Energy, Inc.
P. O. Box 64183
Lubbock, Texas 79464 (wo/Enclosure)
State of Utah
Division of Oil, Gas, and Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203 (wo/Enclosure) ✓

VButts:vb:6/2/94

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SEP 27 1996

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Maralex Resources, Inc.

3. Address and Telephone No.

P.O. Box 338, Ignacio, CO 81137 (970) 563-4000

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1807' FNL, 3035' FEL Sec 33, T5S, R19E

5. Lease Designation and Serial No.

NRM 1319

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

NRM 1319

8. Well Name and No.

Federal 1-33

9. API Well No.

430-473-0297

10. Field and Pool, or Exploratory Area

11. County or Parish, State

Uintah County, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Change of Operator</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Tamarack Energy, Inc. c/o AA Production, Inc. has sold its interests in the above reference well effective January 1, 1996 to Maralex Resources Inc. Maralex has assumed operations of this well as August 1, 1996

DEC 1 1996

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

Signed [Signature]

Title President

Date 08/09/96

(This space for Federal or State office use)

Approved by [Signature]

Title _____

Date DEC 18 1996

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representations as to any matter within its jurisdiction.

OPERATOR

*See Instruction on Reverse Side

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

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

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
U-29333

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Maralex Resources, Inc.

3. Address and Telephone No.

P.O. Box 338, Ignacio, CO 81137 (970) 563-4000

4. Location of Well (Footage, Sec., T., R., M., or Survey) Description)

1570 FWL, 225 FNL Sec 12, T16S, R25E

8. Well Name and No.

Federal 12-2

9. API Well No.

430-193-0686

10. Field and Pool, or Exploratory Area

San Arroyo

11. County or Parish, State

Grand, Utah

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other Change of Operator
 Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

(Note: Report results of multiple completion on Well)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Maralex Resources, Inc. has sold the above reference well to D & G Roustabout Service effective August 1, 1996

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

Signed: [Signature]

Title President

Date 09/09/96

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

1. Lease Designation and Serial Number:
U-29333

2. If Initial, Abandon or True Notice:

3. Unit Agreement Name:

4. Well Name and Number:
Federal 12-2

5. API Well Number:
4301930686

10. Field and Pool, or Wilson:
San Arroyo

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to restart plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR REOPEN form for such proposals.

1. Type of Well: OIL GAS OTHER:

2. Name of Operator:
Tamarack Energy, Inc. c/o AA Production, Inc.

3. Address and Telephone Number:
2807 74th Street Lubbock, TX 79423 (806) 745-8655

4. Location of Well
Footage: 0225 FNL 1570 FNL County: Grand
Co. Sec., T., R., M.: NENW Sec 12 Twnshp 16.0 C Range 25.0 P State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____	<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input checked="" type="checkbox"/> Other <u>Change of Operator</u>
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recomplete <input type="checkbox"/> Perforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Perforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate date work will start _____	Date of work completion <u>August 01, 1996</u>

Report made of Multiple Completions and Re-completions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.
* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent data. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Federal 12-2 has been sold to Maralex Resources, Inc.

As of August 01, 1996, Maralex Resources, Inc. is responsible for reporting the well.

TAMARACK ENERGY, INC
by AA PRODUCTION, Inc., as
Property Manager

13. Name & Signature: James J. Thomas Title: VICE PRESIDENT Date: 09/26/96

(This space for State use only)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. U-29333
2. Name of Operator H.W. Dougherty & Company	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. P.O. Box 1288 Monrovia, CA 91017 (213) 681-1980	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1570' FWL, 225' FNL, Sec: 12-T16S-R25E	8. Well Name and No. FEDERAL 12-2
	9. API Well No. 430-193-0686
	10. Field and Pool, or Exploratory Area San Arroyo
	11. County or Parish, State Grand County, UT

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Change of Operator</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Effective August 1, 1996 D & G Roustabout Service has purchased this lease from Maralex Resources.

We designate H.W. Dougherty & Company as operator. We here by certify that we are responsible under the terms and conditions of lease to conduct lease operations. Bond coverage for lease activities is being provided by H.W. Dougherty & Company under BLM Bond #UT0858.

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

Signed D.L. Coatt Title Asst Date 11-4-96

(This space for Federal or State office use)

Approved by /s/ Brad D. Palmer Title Assistant Field Manager, Resource Management Date DEC - 2 1996

Conditions of approval, if any:

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See instruction on Reverse Side

H. W. Dougherty & Company
Well No. 12-2
Sec. 12, T. 16 S., R. 25 E.
Lease U-29333
Grand County, Utah

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that H. W. Dougherty & Company is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by UT0858 (Principal - H. W. Dougherty & Company) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

OPERATOR CHANGE WORKSHEET

1-LEC ✓	6-LEC ✓
2-GLH ✓	7-KDR Film ✓
3-BTS ✓	8-SJ ✓
4-VLD ✓	9-FILE ✓
5-RIF ✓	

Attach all documentation received by the division regarding this change.
Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold)
- Designation of Operator
- Designation of Agent
- Operator Name Change Only

The operator of the well(s) listed below has changed, effective: 8-1-96

<p>TO: (new operator) (address)</p> <p><u>DOUGHERTY, H.W. & COMPANY</u> <u>PO BOX 1288</u> <u>MONROVIA CA 91017</u></p> <p>Phone: <u>(213)681-1980</u> Account no. <u>N9790</u></p>	<p>FROM: (old operator) (address)</p> <p><u>TAMARACK ENERGY INC</u> <u>C/O AA PRODUCTION INC</u> <u>2837 74TH ST</u> <u>LUBBOCK TX 79423</u></p> <p>Phone: <u>(806)745-8655</u> Account no. <u>N4600</u></p>
<p><u>MARALEX RESOURCES INC</u> <u>PO BOX 338</u> <u>IGNACIO CO 81137</u> <u>(970)563-4000</u> <u>N6370 (10-2-96)</u></p>	

WELL(S) attach additional page if needed:

Name: <u>FEDERAL 12-2/DKTA</u>	API: <u>43-019-30686</u>	Entity: <u>577</u>	S <u>12</u>	T <u>16S</u>	R <u>25E</u>	Lease: <u>U29333</u>
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
Name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- LEC 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). (Rec'd 9-26-96) (Rec'd Maralex 11-7-96)
- LEC 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). (Rec'd 11-7-96) (Rec'd Dougherty 12-5-96)
- NA 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) ____ If yes, show company file number: _____
- LEC 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal and Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
- LEC 5. Changes have been entered in the **Oil and Gas Information System (3270)** for each well listed above. (1-7-97)
- LEC 6. **Cardex** file has been updated for each well listed above. (1-7-97)
- LEC 7. **Well file labels** have been updated for each well listed above. (1-7-97)
- LEC 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. (1-7-97)
- LEC 9. A folder has been set up for the **Operator Change file**, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A / Yes / MC 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- ____ 2. A copy of this form has been placed in the new and former operator's bond files.
- ____ 3. The FORMER operator has requested a release of liability from their bond (yes/no) ____, as of today's date _____. If yes, division response was made to this request by letter dated _____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A / MC / 1/18/97 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated _____ 19 ____, of their responsibility to notify all interest owners of this change.

FILMING

- Yes 1. All attachments to this form have been microfilmed. Today's date: 1-30-97

FILING

- ____ 1. Copies of all attachments to this form have been filed in each well file.
- ____ 2. The original of this form, and the original attachments are now being filed in the Operator Change file.

COMMENTS

970107 Bcm/meab "Official change from Tamarack to Dougherty eff. 8-1-96."

