

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG \_\_\_\_\_ ELECTRIC LOGS \_\_\_\_\_ FILE X \_\_\_\_\_ WATER SANDS \_\_\_\_\_ LOCATION INSPECTED \_\_\_\_\_ SUB. REPORT/abd. \_\_\_\_\_

DATE FILED 12-3-85

LAND: FEE & PATENTED \_\_\_\_\_ STATE LEASE NO. \_\_\_\_\_ PUBLIC LEASE NO. U-017991 INDIAN \_\_\_\_\_

DRILLING APPROVED: 12-13-85

SUDDEN IN: \_\_\_\_\_

COMPLETED: \_\_\_\_\_ PUT TO PRODUCING: \_\_\_\_\_

INITIAL PRODUCTION: \_\_\_\_\_

GRAVITY A.P.I. \_\_\_\_\_

GOR: \_\_\_\_\_

PRODUCING ZONES: \_\_\_\_\_

TOTAL DEPTH: \_\_\_\_\_

WELL ELEVATION: LA 1-8-87

DATE ABANDONED: \_\_\_\_\_

FIELD: PARIETTE BENCH

UNIT: \_\_\_\_\_

COUNTY: UINTAH

WELL NO. PARIETTE BENCH FEDERAL 11-17 API #43-047-31697

LOCATION 660' FNL FT. FROM (N) (S) LINE. 660' FWL FT. FROM (E) (W) LINE. NW NW 1/4 - 1/4 SEC. 17

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
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9S 19E 17 DIAMOND SHAMROCK EXPL CO

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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  
 DIAMOND SHAMROCK EXPLORATION COMPANY

3. ADDRESS OF OPERATOR  
 P.O. DRAWER "E", VERNAL, UTAH 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface: 660' FWL & 660' FNL. SECTION 17, T9S, R19E, SLB&M  
 At proposed prod. zone: SAME  
*NW/NW*

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 25 MILES SOUTHEAST OF MYTON, UTAH

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 660'

16. NO. OF ACRES IN LEASE  
 640

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 40

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

19. PROPOSED DEPTH  
 6000' *Drill 6000'*

20. ROTARY OR CABLE TOOLS  
 ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 4738'

22. APPROX. DATE WORK WILL START\*  
 A.S.A.P.

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	8 5/8"	24# J-55	250'	Circulate to surface
7 7/8"	5 1/2"	14#&15.5# K-55	6000'	Circulate from TD to 200' above top of oil shale

Drill 12 1/2" hole to approximately 250', set 8 5/8" casing, set up BOP as required for pressure test. Drill 7 7/8" hole to approximately 6000' if production is found feasible, set 5 1/2" production casing.

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

DATE: 12/13/85  
 BY: John R. Dasa  
 WELL SPACING: 302

RECEIVED

DEC 03 1985

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 Russ Linn TITLE District Superintendent DATE 11/13/85

(This space for Federal or State office use)

PERMIT NO. 43-047-31697 APPROVAL DATE \_\_\_\_\_

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

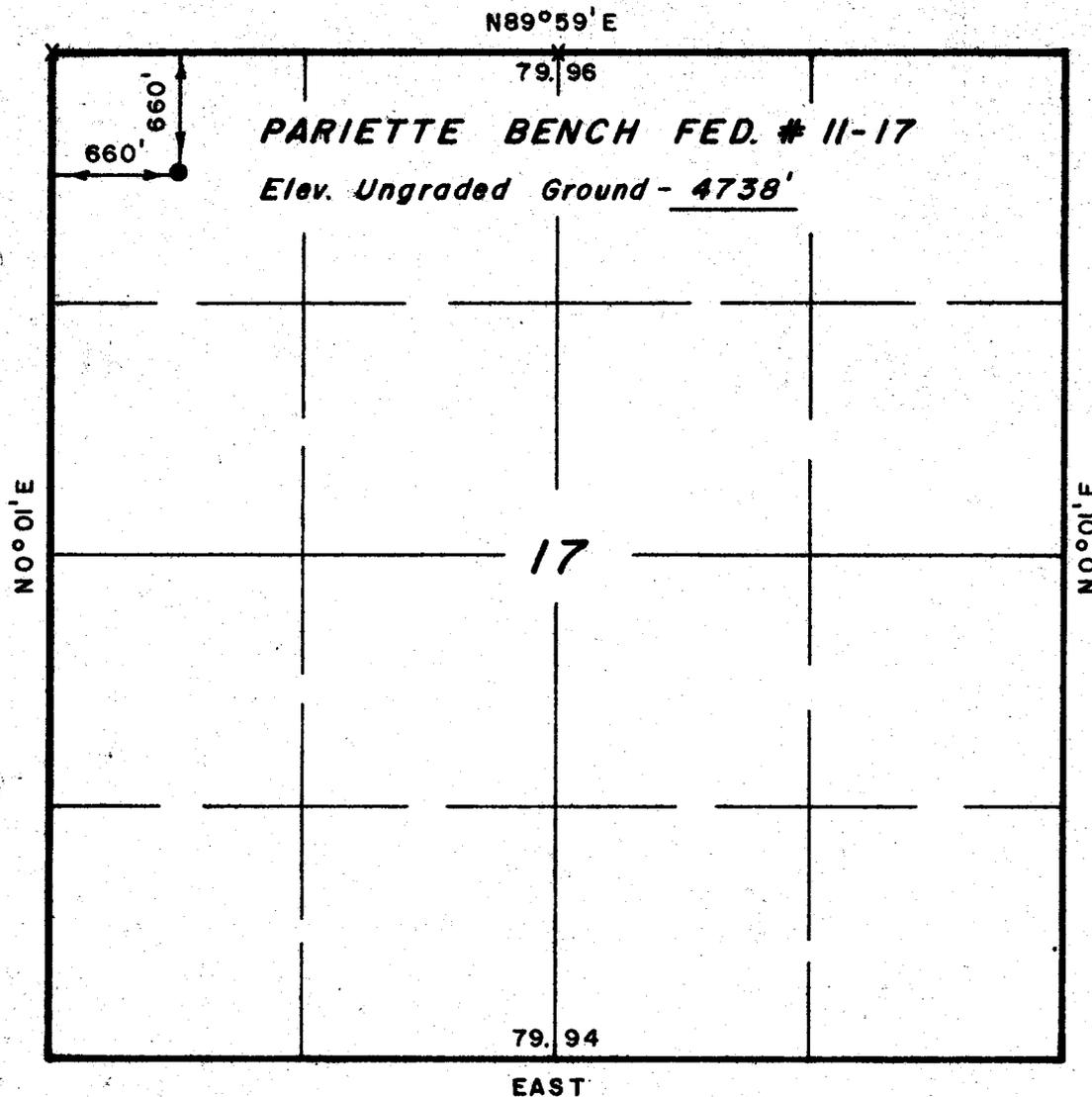
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

T 9 S, R 19 E, S.L.B.&M.

PROJECT  
**DIAMOND SHAMROCK EXPLORATION CO.**

Well location, **PARIETTE BENCH FED #11-17**, located as shown in the NW 1/4 NW 1/4 Section 17, T9S, R19E, S.L.B.&M. Uintah County, Utah.

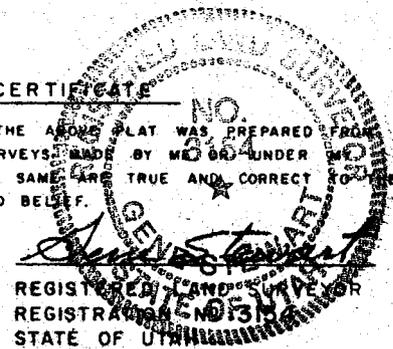


X = Section Corners Located



CERTIFICATE

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



REGISTERED PROFESSIONAL ENGINEER AND LAND SURVEYOR  
 STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
 P. O. BOX Q - 85 SOUTH - 200 EAST  
 VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 11/12/85
PARTY D.B. D.K. S.B.	REFERENCES Q LO Plat
WEATHER Cold	FILE DIAMOND SHAMROCK

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Company: DIAMOND SHAMROCK EXPLORATION COMPANY

Well No. Pariette Bench Federal #11-17

Location: Section 17, T9S, R19E, S.L.B. & M.

Lease No.: U - 017991

Onsite Inspection Date: November 26, 1985

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

A. DRILLING PROGRAM

1. Surface Formation and Estimated Formation Tops:

Uinta Surface, Oil Shale 1358'; Horsebench 1918'; Base Oil Shale 2888'; Garden Gulch 3398'; Douglas Creek 4330'; I-Sand 4398'; K Sand 4687'; Upper Black Shale 4879'; Wasatch Tongue 5093'; Lower Black Shale 5463'.

2. Estimated Depth at which Oil, Gas, Water, or other Mineral Bearing Zones are Expected to be encountered:

	<u>Formation</u>	<u>Zone</u>
Expected Oil Zones:	Carden Gulch	IK 3398
Expected Gas Zones:	Carden Gulch	3398
Expected Water Zones:	None	
Expected Mineral Zones:	None	

All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

3. Pressure Control Equipment:

12" 3000# Double Hydraulic BOP with pipe rams and blind rams and spherical BOP-BOP to be pressure tested before spudding and daily testing of closing units and rams while drilling.

BOP systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

4. Casing Program and Auxiliary Equipment:

250' 8 5/8 24# surface casing 6000' 5 1/2 14 \$ 15.5 lb production casing. Upper Kelly Cork Float at bit floor T.I.W. Valve for drill pipe, gas detector logging unit.

Anticipated cement tops will be reported as to depth, not the expected number of sacks of cement to be used. The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

5. Mud Program and Circulating Medium:

Fresh water is proposed to be used unless additional weight is needed to control pressure or heaving shale. In this event a chemical gel fresh water mud will be used and barite as needed to control pressure.

6. Coring, Logging and Testing Program:

DLL-SFL TO to surface casing CR-FDC-CNL TD to 3500' or significant hydrocarbon show CBL-VDL-PBTD to top of cement.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer(AO).

7. Abnormal Conditions, Bottom Hole Pressures and Potential Hazards:

- (A) No abnormal pressure expected
- (B) No hydrogen sulfide expected

8. Anticipated Starting Dates and Notifications of Operations:

Location Construction: Immediately upon approval.

Spud Date: Anticipated to be drilled in 30 days.

DIAMOND SHAMROCK EXPLORATION COMPANY  
Pariette Bench Federal #11-17  
Section 17, T9S, R19E, S.L.B. & M.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular working day. The oral report will be followed up with a Sundry Notice.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 9-329 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed, in duplicate, to the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than 5 days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day authorized test period.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.4.

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A first production conference will be scheduled within 15 days after receipt of the first production notice.

No well abandonment operations will be commenced without prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the SO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.



CONDITIONS OF APPROVAL  
FOR THE SURFACE USE PROGRAM OF THE  
APPLICATION FOR PERMIT TO DRILL  
FOR  
DIAMOND SHAIROCK EXPLORATION COMPANY  
PARIETTE BENCH FEDERAL #11-17  
LEASE #U-017991  
LOCATED IN THE NW 1/4 NW 1/4  
SECTION 17, T9S, R19E, S.L.M.  
SURFACE OWNERSHIP B.L.M.

THIRTEEN POINT SURFACE USE PROGRAM:

Multipoint Requirements to Accompany APD

1. Existing Roads -- describe the following and provide a legible map, labeled and showing:
  - A. Proposed wellsite as staked and access route to location, including distances from point where access route exits established roads. (Actual staking should include two directional reference stakes.)
  - B. Route and distance from nearest town or locatable reference point, such as a highway or county road, to where well access route leaves main road. Proceed South from Vernal, Utah on new Bonanza Highway 17 miles, proceed Westerly on a dirt road 8.3 miles; proceed Northwesterly on dirt road 1.8 miles to proposed road.
  - C. Access road(s) to location color-coded or labeled.
  - D. Plans for improvement and/or maintenance of existing roads. (Appropriate rights-of-way for off lease roads should be attached.)
  
2. Planned Access Roads -- describe the following and provide a map of suitable scale indicating all necessary access roads (permanent and temporary) to be constructed or reconstructed, showing:
  - A. Length - N/A
  - B. Width - 30 foot right-of-way with 18 foot running surface maximum.
  - C. Maximum grades - N/A
  - D. Turnouts - N/A
  - E. Drainage design - Diversion Ditch
  - F. Location and size of culverts and/or bridges and brief description of any major cuts and fills - None
  - G. Surfacing material (source) - None
  - H. Necessary gates, cattleguards, or fence cuts and/or modification to existing facilities - None
  - I. Access road surface ownership - B.L.M.

(New or reconstructed roads are to be centerline-flagged at time of location staking.)

All travel will be confined to existing access road rights-of-way.

Access roads and surface disturbing activities will conform to standards outlined in the USGS Publication (1978) Surface Operating Standards for Oil and Gas Development.

DIAMOND SHAMROCK EXPLORATION COMPANY  
Pariette Bench Federal #11-17  
Section 17, T9S, R19E, S.L.B. & M.

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, draining, graveling, crowning, and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 feet right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

Operators shall notify the following right-of-way grantees of their intent to use the existing roads and, if necessary, enter into a cooperative maintenance agreement.

N/A

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3. Location of Existing Wells -- describe the following and provide a map or plat of all wells within a one mile radius of the proposed well location showing and identifying existing:

Please refer to Exhibit B

A. Water wells	One
B. Abandoned wells	32-17 and 22-18
C. Temporarily abandoned wells	PB #9
D. Disposal wells	PB #4
E. Drilling wells	None
F. Producing wells	Three
G. Shut-in wells	None
H. Injection wells	None

4. Location of Existing and/or Proposed Facilities

A. On well pad: Show the following existing area facilities and dimensions to be utilized if the well is successfully completed for production (detail painting plans and color if applicable):

- X (1) Tank batteries  
(2) Production facilities  
(3) Oil gathering lines  
X (4) Gas gathering lines  
(5) Injection lines  
(6) Disposal lines  
(7) Surface pits (separate application per NFL-2B requirements)\*

(Indicate if any of the above lines are buried.)

- B. Off well pad: Same as above. Off lease flowlines may require rights-of-way or special use permits, check with the Area Office Realty Specialist. (Include a diagram of the proposed attendant lines, i.e., flowlines, powerlines, etc., if off well pad location.)
- (1) Proposed location and attendant lines shall be flagged off of well pad prior to archaeological clearance.
  - (2) Dimensions of facilities
  - (3) Construction methods and materials
  - (4) Protective measures and devices to protect livestock and wildlife

Note: Operator has option of submitting information under 4A and B., after well is completed for production, by applying for approval of subsequent operations.

If a tank battery is constructed on this lease, the battery or the well pad will be surrounded by a dike of sufficient capacity to contain 1 1/2 times the storage capacity of the battery. The integrity of the dike must be maintained.

Tank batteries will be placed on the location between #3 and #4 Southwest Corner Location

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rock Mountain Five State Interagency Committee. All facilities will be painted within six months of installation. Facilities required to comply with O.S.H.A. (Occupation Safety and Health Act) will be excluded.

The required paint color is Desert Tan.

5. Location of Type of Water Supply

- A. Show location and type of water supply, either by 1/4, 1/4 section on a map or by written description X
- B. State method of transporting water, and show any roads or pipelines needed. X
- C. If water well is to be drilled on lease, so state. N/A

\*The operator will be responsible for acquiring the necessary permit to obtain water to be used for drilling activities.

6. Source of Construction Materials

- A. Show information either on map or by written description -  
On Lease
- B. Identify if from Federal or Indian (tribal or allotted) land.  
Federal Land
- C. Describe where materials such as sand, gravel, stone, and soil materials are to be obtained and used. N/A

\*If fill materials are needed to construct roads or well sites, proper permits must be obtained from the Surface Management Agency, unless materials are obtained from a private source.

\*A minerals material application is not required.

7. Methods for Handling Waste Disposal

- A. Describe methods and location of proposed safe containment and disposal of each type of waste material, including:
- (1) Cuttings: Reserve Pit
  - (2) Sewage: Chemical
  - (3) Garbage (trash) and other waste material: Trash Bucket
  - (4) Salts: N/A
  - (5) Chemicals: N/A
- B. Provide a plan for eventual disposal of drilling fluids and any produced oil or water recovered during testing operations.  
Reserve Pit and Disposal Well PB #4

\*Burning will not be allowed. All trash must be contained in a trash cage and hauled away to an approved disposal site at the completion of the drilling activities.

On BLM administered lands:

The reserve pit shall not be lined \_\_\_\_\_

X The bottom of the reserve pit shall not be in fill material.

Produced waste water will be confined to an unlined pit or, if deemed necessary, a storage tank for a period not to exceed 90 days after first production. During the 90 day period an application for approval of a permanent disposal method and location, along with required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

8. Ancillary Facilities

X Camp facilities or airstrips will not be required.

9. Well Site Layout -- provide a plat (not less than 1" = 50') showing:

- A. Cross-sections of proposed drill pad with approximate cuts and fills and the relation to topography.
- B. Location of mud tanks, reserve, blooie, and emergency pits, pipe racks, living facilities, and soil material stockpiles, etc.  
(Approval as used in this section means field approval of location.)
- C. Rig orientation, parking areas, and access roads, etc.

Refer to Exhibit A

All pits will be fenced with a wire mesh fence and topped with at least one strand of barbed wire. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Any hydrocarbons on the pit will be removed from the pit as soon as possible after drilling operations are completed. Pits will be fenced and maintained until clean-up.

The fence will be constructed as prescribed in the USGS Publication (1978) Surface Operating Standards for Oil and Gas Development. Alternatives to the prescribed standards shall be submitted to the Authorized Officer for approval.

Well Site Layout: The reserve pit will be located on the: Southwest corner location between #4 and #5.

The stockpiled topsoil will be stored on the: Southeast between #2 and #8

Access to the well pad will be from the: Northeast between #7 and #8.

10. Plans for Restoration of Surface

- A. Provide a restoration program upon completion of operations, including:
  - (1) Backfilling, leveling, recontouring, and waste disposal; (segregation of topsoil from cut materials as needed).
  - (2) Revegetation and rehabilitation--including abandoned access roads or portions of well pads no longer needed (normally per BLM recommendations)
  - (3) Proposed timetable for commencement and completion of rehabilitation operations 90 days after completion of operations as weather permits in fall.

B. The following are provisions to be addressed in the restoration plan:

Immediately upon well completion, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production.

Before any dirt work to restore the location takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc. will be removed. The reserve pit and that portion of the location and access road not needed for production facilities/operations will be reclaimed. The reserve pit will be reclaimed within 6 months from the date of well completion.

All disturbed areas will be recontoured to the approximate natural contours.

The stockpiled topsoil will be evenly distributed over the disturbed areas.

Prior to reseeding, all disturbed areas, including the access roads, will be scarified and left with a rough surface.

Seed will be broadcast or drilled at a time specified by the BLM / Private Surface Owner. If broadcast, a harrow or some other implement will be dragged over the seeded area to assure seed coverage and the seed mixture will be proportionately larger (double the lbs. per acre).

An appropriate seed mixture will be determined by the BLM, either as part of the Conditions of Approval of the APD or at the time restoration activities are scheduled to begin.

All seeding will be done from September 15 until the ground freezes.

At such time as the well is plugged and abandoned the operator will submit a surface reclamation plan to the Surface Management Agency for prescribed seed mixtures and reseeding requirements.

If the seeding is unsuccessful, the lessee/operator may be required to make subsequent seedings.

The BLM recommends the following procedure for reclamation:

Compacted areas of the well pad should be plowed or ripped to a depth of 12" before reseeding. Seeding should be done with a disc-type drill to ten inches apart. The seed should be planted between one-half inch deep and three quarter inch deep. A drag, packer or roller may be used to insure uniform coverage of the seed, and adequate compaction. Drilling of the seed should be done on the contour where possible. Where slopes are too steep for contour drilling a "cyclone" hand-seeder or similar broadcast seeder should be used, using twice the recommended seed per acre. Seed should then be covered to a depth described above by what-ever means is practical.

11. Surface Ownership: B.L.M.

Provide the surface ownership (B.L.M., Indian, State or private) at the well location, and for all lands crossed by roads which are to be constructed or upgraded.

12. Other Additional Information

The BLM recommends a general description of:

- A. Topography, soil characteristics, geologic features, flora, and fauna.
- B. Other surface-use activities and surface ownership of all involved lands.
- C. Proximity of water, occupied dwellings, archaeological, historical or cultural sites.

A cultural resource clearance will be required before any construction begins on Federal and Indian lands. A.R.C. has done.

If, during operations, any archaeological or historical sites, or any object of antiquity (subject to the Antiquities Act of June 8, 1906) are discovered, all operations which would affect such sites are to be suspended and the discovery reported promptly to the Surface Management Agency.

On BLM administered land, it is required that a proposed use of pesticide, herbicide or other possible hazardous chemicals shall be cleared for use prior to application.

Additional Surface Stipulations for BLM:

X The operator or his contractor shall contact the BLM and BIA Offices at (801) 789-1362 (BLM) between 24 and 48 hours prior to construction activities. Contact Amy Heuslein or Al Burch

X The BLM and BIA Offices shall be notified upon site completion prior to moving on the drilling rig.

X Overhead flagging will be installed on pits to protect waterfowl and birds.

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Fence Stipulation:

13. Lessee's or Operators Representative and Certification

Representative

Name: Russ Ivie - Diamond Shamrock Exploration Company

Address: Drawer E, Vernal, Utah 84078

Phone No. (801) 789-5270

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his sub-contractors. A copy of these conditions will be furnished the field representative to insure compliance.

The dirt contractor will be provided with an approved copy of the Surface Use Plan from the APD.

This drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and, that the work associated with the operations proposed here will be performed by Diamond Shamrock Exploration Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

12-2-85  
Date

Russ Ivie  
Name and Title

Onsite Date: November 26, 1985

Participants on Joint Inspection

Amy Heuslein - B.L.M.

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# DIAMOND SHAMROCK EXPLOR. CO.

PARIETTE BENCH FED. #11-17

PROPOSED LOCATION

TOPO. MAP "A"

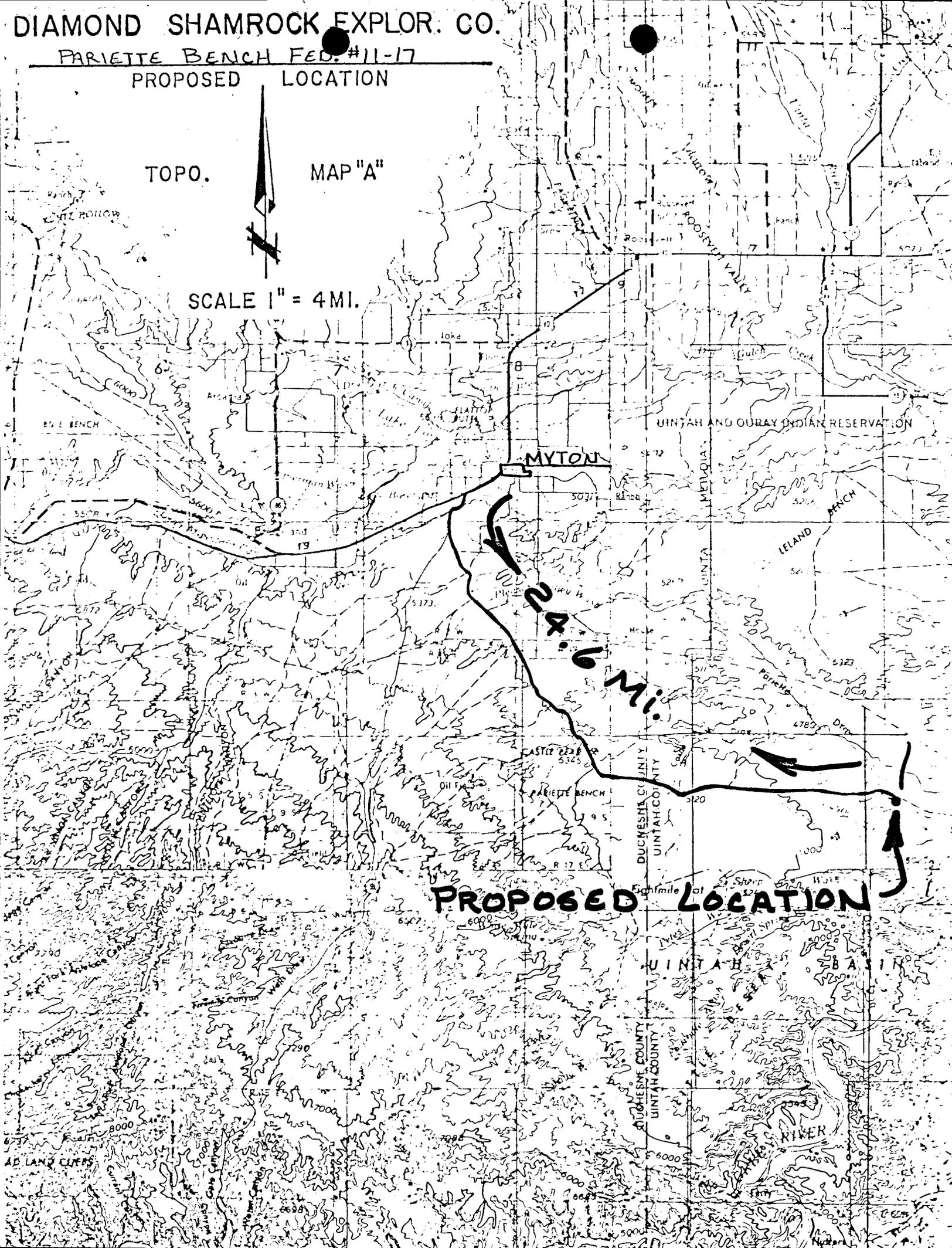
SCALE 1" = 4 MI.

MYTON

UINTAH AND GURAY INDIAN RESERVATION

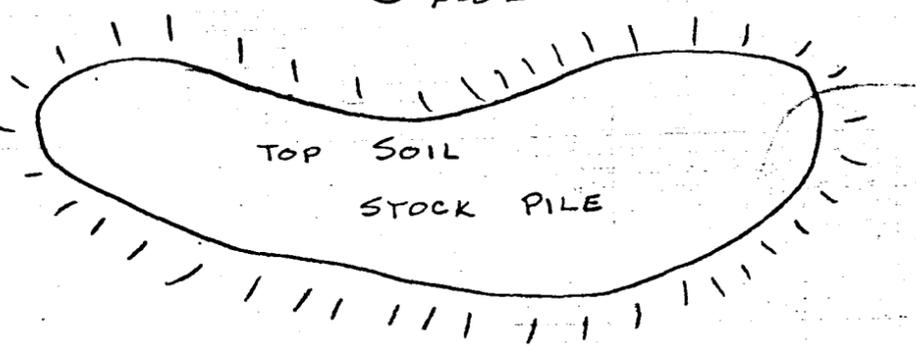
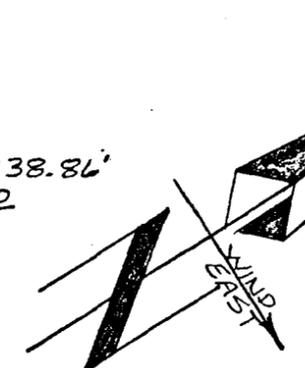
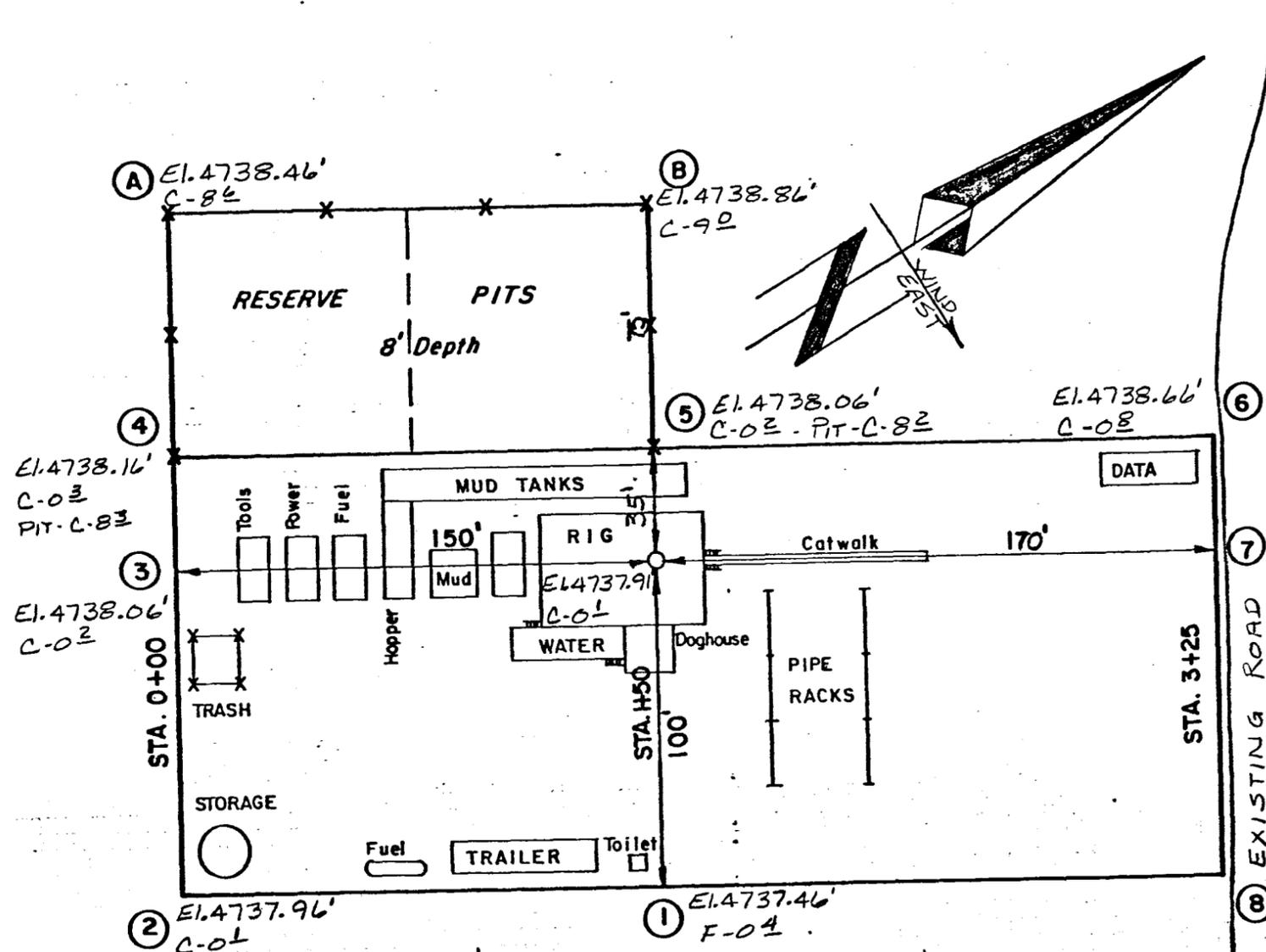
22.6 mi.

PROPOSED LOCATION

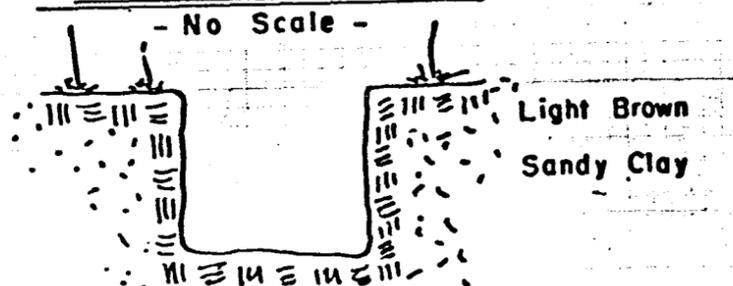


DIAMOND SHAMROCK EXPLORATION CO.

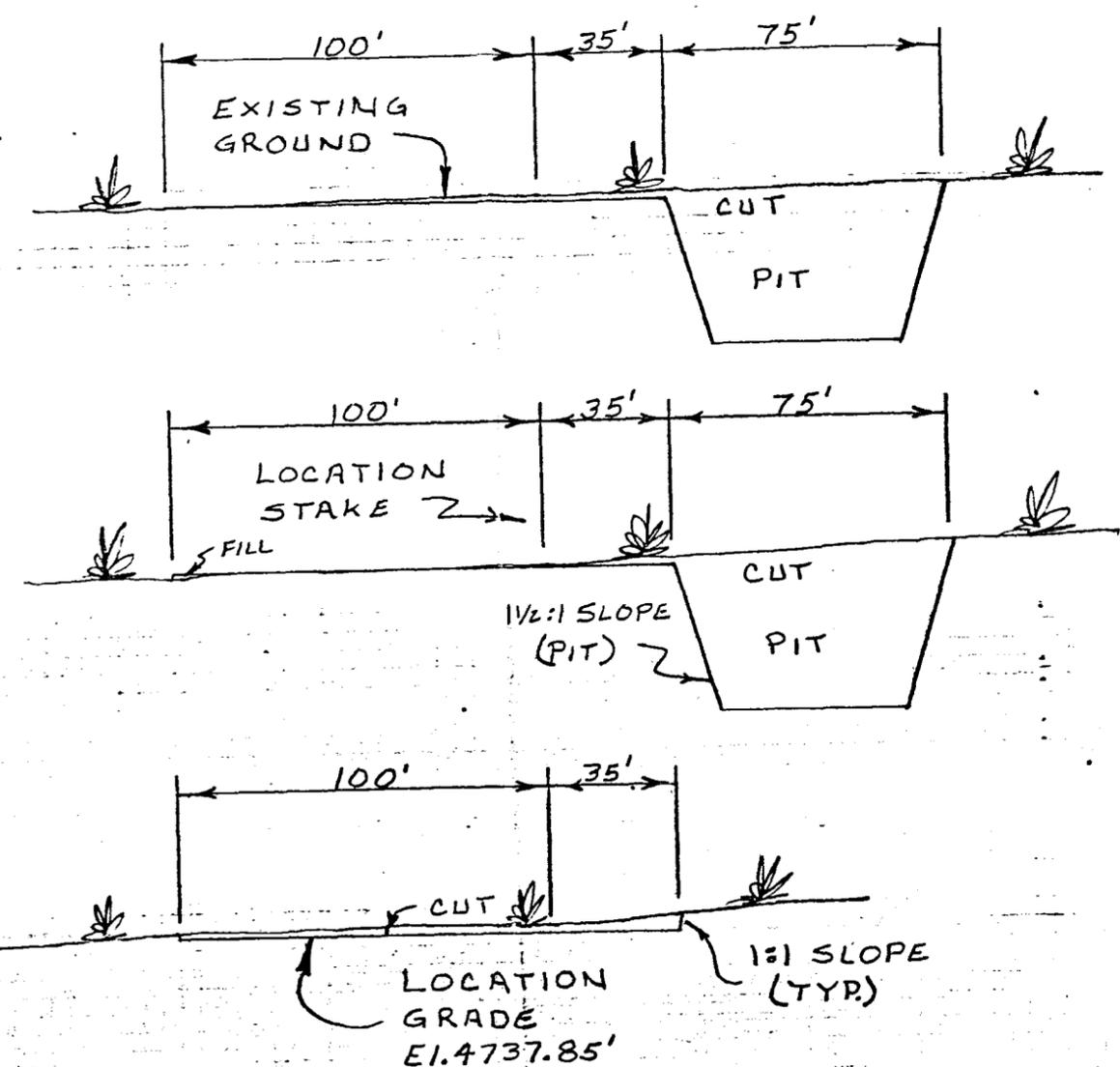
PARIETTE BENCH FED. # 11-17



SOILS LITHOLOGY



C  
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1" = 10'

Scales  
1" = 50'

APPROXIMATE YARDAGES

Cubic Yards Cut - 3406  
Cubic Yards Fill - 101

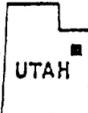
TOPO.

MAP "B"

SCALE 1" = 2000'

ROAD CLASSIFICATION

Light duty road, all weather, Improved surface Unimproved road fair or dry weather



QUADRANGLE LOCATION

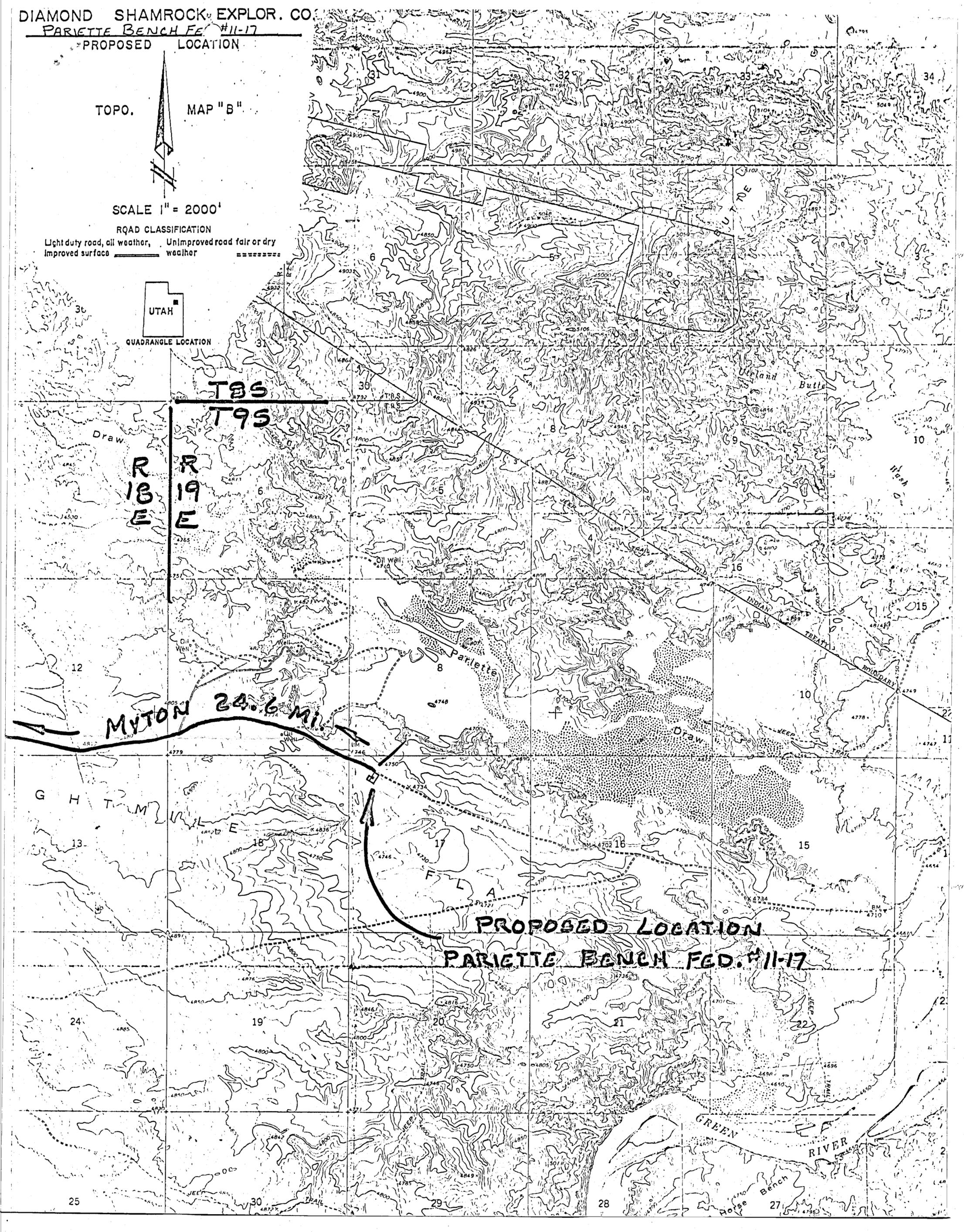
T8S

T9S

R18E  
R19E

MYTON 24.6 Mi

PROPOSED LOCATION  
PARIETTE BENCH FED. #11-17



OPERATOR Remond Shamrock Expl. Co DATE 12-11-85

WELL NAME Pariette Bend Fed. 11-17

SEC NW NW 17 T 95 R 19E COUNTY Montal

43-047-31697  
API NUMBER

Fed.  
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR GIL SHALE

PROCESSING COMMENTS:

No other wells within 920'

Need water permit

APPROVAL LETTER:

SPACING:  203 \_\_\_\_\_ UNIT

302

\_\_\_\_\_  
CAUSE NO. & DATE

302.1

STIPULATIONS:

1- Water



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

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

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

December 13, 1985

Diamond Shamrock Exploration Company  
P. O. Drawer E  
Vernal Utah 84078

Gentlemen:

Re: Well No. Pariette Bench Federal 11-17 - NW NW Sec. 17, T. 9S, R. 19E  
660' FNL, 660' FWL - Uintah County, Utah

Approval to drill the above-referenced well is hereby granted in accordance with Rule 302, General Rules, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Chapter 3, Title 73, Utah Code Annotated.

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

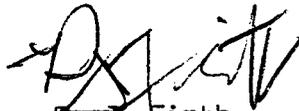
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695, or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule 311.3, Associated Gas Flaring, General Rules.

Diamond Shamrock Exploration Company  
Well No. Pariette Bench Federal 11-17  
December 13, 1985

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

The API number assigned to this well is 43-047-31697.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

as  
Enclosures  
cc: Branch of Fluid Minerals

**RECEIVED**  
DEC 26 1986

010723

DIVISION OF  
OIL, GAS & MINING

3162.35  
U-820  
U-017991

December 19, 1986

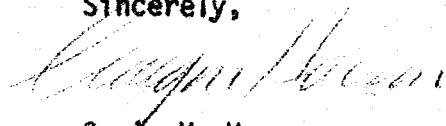
Diamond Shamrock Exploration Company  
P. O. Drawer E  
Vernal, Utah 84078

RE: Rescind Application for Permit to Drill  
Well No. 11-17  
Section 17, T9S, R19E  
Uintah County, Utah  
Lease No. U-017991

The Application for Permit to Drill the referenced well was approved on December 13, 1985. Since that date, no known activity has transpired at the approved location. Under current District policy, Applications for Permit to Drill are effective for a period of one year. In view of the foregoing, this office is rescinding the approval of the referenced application without prejudice. If you intend to drill at this location at a future date, a new Application for Permit to Drill must be submitted.

This office requires a letter confirming that no surface disturbance has been made for this drill site. Any surface disturbance associated with the approved location of this well is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,



Craig M. Hansen  
ADM for Minerals

mh

bcc: State Div. O G & M  
well file  
U-922/943

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved. **011304**  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-017991
2. NAME OF OPERATOR DIAMOND SHAMROCK EXPLORATION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. BOX 1669, VERNAL, UTAH 84078		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		8. FARM OR LEASE NAME PARIETTE BENCH FEDERAL
14. PERMIT NO. 43-047-31697		9. WELL NO. 11-17
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4738'		10. FIELD AND POOL, OR WILDCAT WILDCAT
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SECTION 17, T9S, R19E, SLB&M
		12. COUNTY OR PARISH UINTAH
		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 PLANE <input type="checkbox"/>	(Other) _____	

(Other) Let application to drill expire X

(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.)\*

DIAMOND SHAMROCK EXPLORATION COMPANY hereby confirms that no surface disturbance has been made on this drillsite/location. Should we decide to drill this well in the future, a new Application for Permit to Drill will be submitted.

RECEIVED  
JAN 08 1987  
DIVISION OF  
OIL, GAS & MINING

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

SIGNED Russ Toie TITLE District Superintendent DATE 1-6-87

(This space for Federal or State office use)

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

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

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

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

January 8, 1987

Diamond Shamrock Exploration Company  
P.O. Drawer E  
Vernal, Utah 84078

Gentlemen:

RE: Well No. Pariette Bench Federal 11-17, Sec.17, T.9S, R.19E,  
Uintah County, Utah, API NO. 43-047-31697

In concert with action taken by the U.S. Bureau of Land Management, approval to drill the above referenced well is hereby rescinded. A new Application for Permit to Drill must be filed with this office for approval, prior to future drilling of the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division of Oil, Gas and Mining immediately.

Sincerely,

A handwritten signature in cursive script that reads "John R. Baza".

John R. Baza  
Petroleum Engineer

sb  
cc: BLM-Vernal  
D. R. Nielson  
R. J. Firth  
Well file  
0327T-39

870511