

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG \_\_\_\_\_ ELECTRIC LOGS \_\_\_\_\_ FILE  WATER SANDS \_\_\_\_\_ LOCATION INSPECTED \_\_\_\_\_ OIL & GAS REPORT/abd.

\* Location Abandoned - Well never drilled - 3-11-83

DATE FILED 11-27-81

LAND: FEE & PATENTED \_\_\_\_\_ STATE LEASE NO. \_\_\_\_\_ PUBLIC LEASE NO. U-017992 \_\_\_\_\_ INDIAN \_\_\_\_\_

DRILLING APPROVED: 12-10-81

SUDDEN IN:

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

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR.

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION: 4700' GR

DATE ABANDONED: LA 4-4-83

FIELD: PARIETTE BENCH 3/86

UNIT:

COUNTY: UINTAH

WELL NO. PARITTE BENCH FED. #32-8

API NO. 43-047-31124

LOCATION 2231 FT. FROM (N)  LINE, 2130 FT. FROM (E)  LINE, SW NE 1/4 - 1/4 SEC. 8

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				9S	19E	8	DIAMIOND SHAMROCK

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  
 DIAMOND SHAMROCK

3. ADDRESS OF OPERATOR  
 Drawer E Vernal, UT 84078 801-789-5270

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
 2231' FNL 2130' FEL Section 8, T9S, R19E, S.L.B. & M.  
 At proposed prod. zone  
 Same *SW NE*

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 13 miles Southwest of Myton, UT

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 2130'

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 5630'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4700'

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

5. LEASE DESIGNATION AND SERIAL NO.  
 U-017992

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
 Pariette Bench Federal

8. FARM OR LEASE NAME

9. WELL NO.  
 #32-8

10. FIELD AND POOL, OR WILDCAT  
*Field Pariette Bench*

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
 Sec. 8, T9S, R19E, S.L.M.

12. COUNTY OR PARISH Utah  
 13. STATE Utah

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"	32# K-55	250'	Circulate to surface. Cement will be two staged. Placement of D.V. Tool and quantity of cement will be determined by electrical logs to protect oil shale and fresh water.
7 7/8"	5 1/2"	15.5# K-55	T.D. 5400'	

Drill 12 1/2" hole to approximately 250' set 8 5/8" casing, set up B.O.P. as required and pressure test. Drill 7 7/8" hole to approximately 5300' if production is found feasible set 5 1/2" production casing.

**RECEIVED**

NOV 27 1981

DIVISION OF  
**OIL, GAS & MINING**

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present depth, production 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.

SIGNED \_\_\_\_\_ TITLE District Superintendent DATE 11/20/81

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

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

CONDITIONS OF APPROVAL, IF ANY:

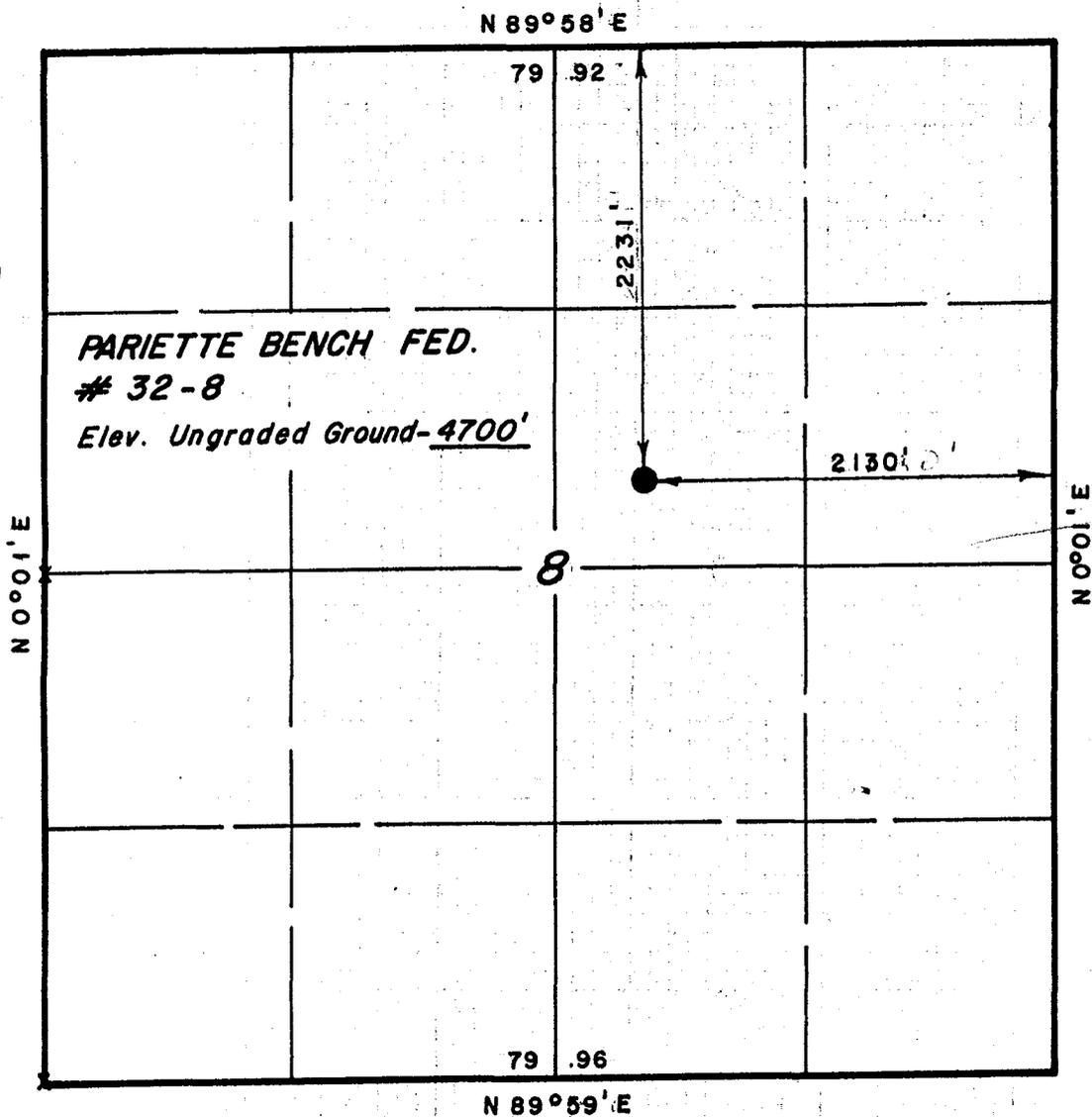
**APPROVED BY THE STATE  
 OF UTAH DIVISION OF  
 OIL, GAS, AND MINING**

DATE: 12-9-81 BY: M. J. Windsor

T9S, R19E, S.L.B. & M.

PROJECT  
DIAMOND SHAMROCK CORP.

Well location, *PARIETTE BENCH FED,*  
# 32-8, located as shown in the  
SW 1/4 NE 1/4, Section 8, T9S, R19E,  
S.L.B. & M. Uintah County, Utah.



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.

*Gene Stewart*

REGISTERED LAND SURVEYOR  
REGISTRATION NO 3154  
STATE OF UTAH

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

X = Section Corners Located

SCALE	1" = 1000'	DATE	11/9/81
PARTY	GS, TJ, JH	REFERENCES	GLO PLAT
WEATHER	CLEAR / WARM	FILE	D. SHAMROCK

1. GEOLOGICAL NAME OF SURFACE FORMATATION

(A) Uintah Formation of Eocene Age

2. TOPS OF IMPORTANT GEOLOGICAL MARKERS

- (A) Green River 1250'
- (B) Mahogany Oil Shale 1384'
- (C) Horsebench BTM 2000'
- (D) Mahogany OSH 2775'
- (E) Douglas Creek Member 4455'
- (F) "I" Sand 4530'
- (G) 1st "K" Sand 4860'
- (H) 2nd "K" Sand 4920'
- (I) Wasatch Tongue 5274'
- (J) Lower Black Shale 5630'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL OR GAS

(A) Oil anticipated in "I" Sand, 1st "K" Sand, 2nd "K" Sand  
TWT, Lower Black Shale.

4. PROPOSED CASING PROGRAM

(A) 250' of 8 5/8" surface casing 32# per foot.  
5700' of 5 1/2" 1515# per foot (K-55).

5. SPECIFICATION FOR PRESSURE CONTROL EQUIPMENT

- (A) 12 inch 3000# Double Hydraulic B.O.P. with Pipe Rams and  
Blind Rams and Spherical B.O.P. ✓
- (B) B.O.P. to be pressure tested before spudding and daily testing  
of closing units and rams while drilling.

6. PROPOSED CIRCULATING MEDIUM

(A) Brine water is proposed to be used unless additional weight  
is needed to control pressures or heaving shale. In this  
event a chemical - gel fresh water mud will be used and Barite  
as needed to control pressure.

7. AUXILIARY EQUIPMENT TO BE USED

- (A) Upper Kelly
- (B) Float at Bit
- (C) Floor T.I.W. Valve (stabbing valve) for drill pipe
- (D) Gas Detector Logging Unit

8. TESTING, LOGGING AND CORING PROGRAM

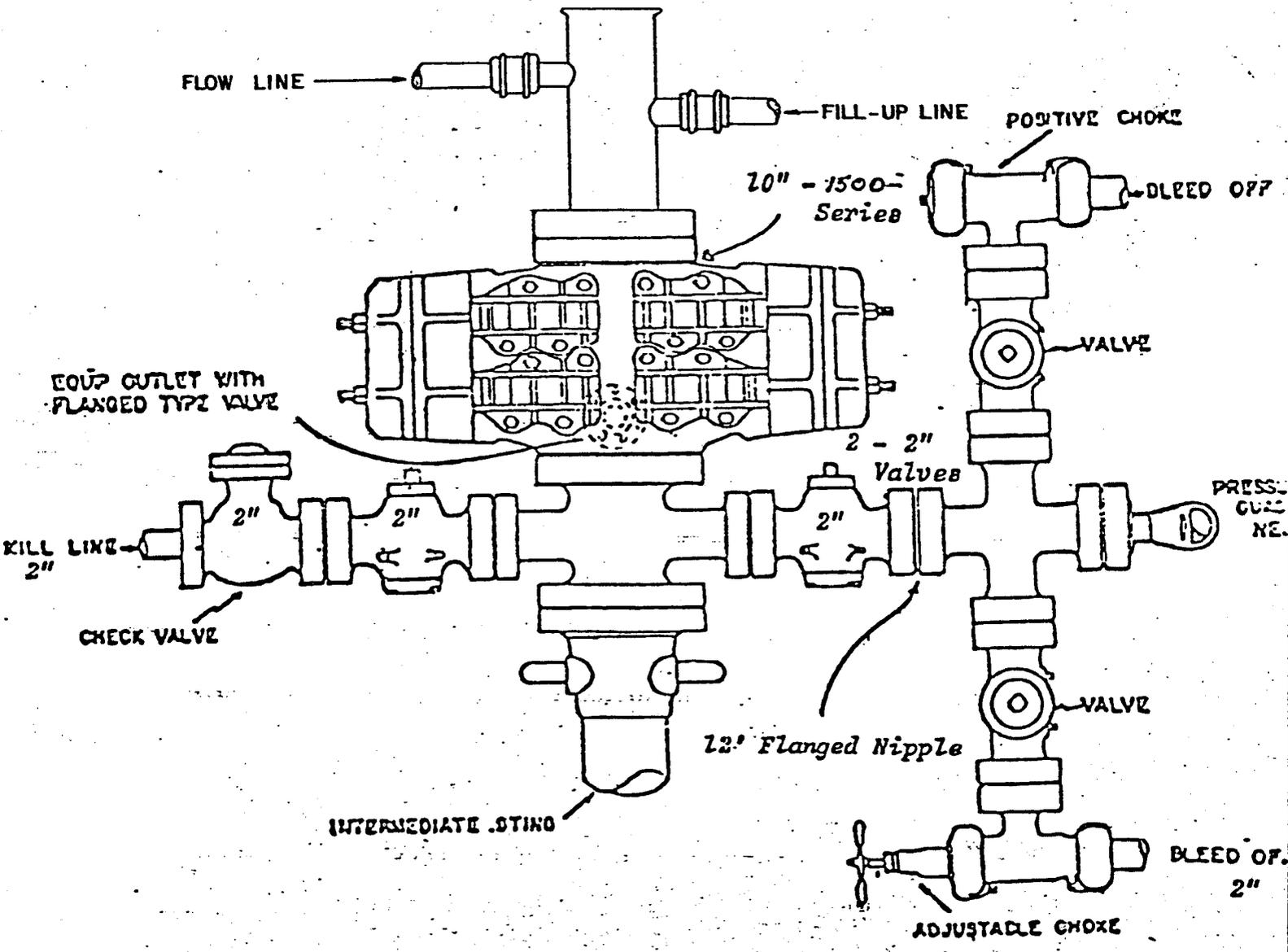
- (A) DIL-SFL Base of surface casing T.D.
- (B) GR-FDC-CNL Base of surface casing T.D.
- (C) Cyberlook - Base of surface casing T.D.
- (D) BHC-Sonic - Base of surface casing T.D.

9. ANTICIPATED ABNORMAL PRESSURES, TEMPERATURES OF HAZARDS

- (A) No abnormal pressures expected
- (B) No hydrogen sulfide gas expected

10. STARTING DATE AND DURATION OF OPERATIONS

- (A) Anticipated starting date as soon as approvals are made.
- (B) This well is anticipated to be drilled in approximately 30 days.



**NOTE:** BLOWOUT PREVENTER HAS DOUBLE RAMS; ONE BLIND AND ONE PIPE RAM.

Diag. A

CEMENTING PROGRAM DESCRIPTION

5½" casing will be run to T.D. as stated in the 10 point plan, part #4, of the Application for permit to Drill NTL-6, utilizing a multiple stage cementing collar at the base of the Mahogany Zone. The productive zones will be covered with cement through the bottom of the 5½" production casing. The multiple stage collar will then be opened and portions of the Mahogany Zone containing Hydrocarbons will be covered with a second stage of cement.

The Placement of the cementing collar and the quantities of cement pumped will be determined after the Electrical logs are evaluated. This procedure will isolate the Douglas Creek Aquifer from both the productive Zones below in the Wasatch and Mesaverde as well as from the Hydrocarbons present in the Mahogany. The upper water zone will be isolated from the hydrocarbon bearing portions of the Mahogany.

DIAMOND SHAMROCK CORPORATION

13 Point Surface Use Plan

Well Location

Pariette Bench Federal #32-8

Located In

Section 8, T9S, R19E, S.L.B. & M.

Uintah County, Utah

DIAMOND SHAMROCK CORPORATION  
Pariette Bench Federal #32-8  
Section 8, T9S, R19E, S.L.B.& M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach DIAMOND SHAMROCK CORPORATION, well location site Pariette Bench Federal #32-8, located in the SW 1/4 NE 1/4 Section 8, T9S, R19E, S.L.B.& M., Uintah County, Utah:

Proceed Westerly out of Myton, Utah along U.S Highway 40 - 1.4 miles + to the junction of this Highway and Utah State Highway 53; proceed Southerly along Utah State Highway 53 - 1.6 miles to its junction with Utah State Highway 216; proceed Southerly along State Highway 216 - 10.2 miles to its junction with an existing dirt road to the East proceed Easterly along this road 11.3 miles to its junction proposed access road (to be discussed in Item #2).

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exits to the South; thereafter the road is constructed with existing materials and gravels. The Highways are maintained by Utah State road crews. All other roads are maintained by County crews.

The aforementioned dirt oil field service road and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing areas they are located in and range from clays to sandy-clay shale material.

The roads that are required for access during the drilling phase, completion phase, and production phase, of this well will be maintained at the standards required by the B.L.M. or other controlling agencies. This maintenance will consist of some minor grader work for smoothing of road surfaces and for snow removal.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The planned access road leaves the existing road described in Item #1 in the NW 1/4 SW 1/4 Section 8, T9S, R19E, S.L.B.& M., and proceeds in a Northeasterly direction approximately 0.7 miles to the proposed location site.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

There will be 6 - 18" culverts required along this road. They will be placed according to specifications for culvert placement found in the Oil & Gas Surface Operations Manual. (See Topographic Map "B").

If deemed necessary at the time of the onsite inspection turnouts will be constructed for safety purposes. These turnouts will be constructed according to the specifications found on page 25 of the Oil & Gas Surface operation standards manual prepared by the B.L.M. and U.S.G.S.

There are no fences encountered along this proposed road. There will be no new gates or cattleguards.

The lands involved in this action are under B.L.M. jurisdiction.

The terrain that is traversed by this road is relatively flat. The grade of this road will not exceed 8%.

### 3. LOCATION OF EXISTING WELLS

There are known producing wells within a one mile radius of this location site. (See Topographic Map "B").

There are no known water wells, abandoned wells, drilling wells, shut-in wells or wells for observation or for other resources within a one mile radius.

### 4. LOCATION OF EXISTING AND PROPOSED FACILITIES

There are existing production facilities belonging to DIAMOND SHAMROCK CORPORATION with a one mile radius.

A tank battery site will be set at the proposed location site. This battery will be used to contain production from this well. If in the event this battery can not be improvised, a flowline will be built which will extend to existing facilities in the area.

The area will be built if possible, with native materials and if these materials are not available then the necessary arrangements will be made to get them from private sources. These facilities will be constructed using bulldozers, graders and workman crews to construct and place the proposed facilities. If there is any deviation from the above, all appropriate agencies will be notified. Rehabilitation of disturbed areas no longer needed for operation after construction is completed will meet the requirements of Item #10.

### 5. LOCATION AND TYPE OF WATER SUPPLY

See Topographic Map "B".

At the present time, it is anticipated that the water for this well will be hauled by truck over the existing roads and the proposed access road approximately 23.5 miles from the Duchesne River at a point where it crosses under U.S. Highway 40.

In the event that this source is not used, an alternate source will be used and all necessary arrangements will be made with the proper authorities.

There will be no water well drilled at this location site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. No pit lining materials from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHODS OF HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve pit will be constructed.

The reserve pit will vary in size and depth according to the water table at the time of drilling.

One half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals and produced fluids, etc.

If deemed necessary by the agencies concerned to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed if deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and other reclamation activities are attempted.

When the reserve pit dries and reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements in Item #10 will be followed.

A portable toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

The B.L.M. Representative shall be notified before any construction begins on the proposed location site.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

#### 10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See location layout sheet and Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash basket shall be hauled to the nearest Sanitary Landfill.

Restoration activities shall begin within 90 days after completion of the well. Once restoration activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. Representative when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

#### 11. OTHER INFORMATION

##### The Topography of the General Area - (See Topographic Map "A")

The area is a large basin formed by the Uinta Mountains to the North and the Book Cliff Mountains to the South. The Duchesne River is located approximately 10 miles to the North of the location site.

The basin floor is interlaced with numerous canyons and ridges formed by the non-perennial streams of the area. The sides of these canyons are steep and ledges formed in sandstone ledges, conglomerate deposits, and shale are common in this area.

The geologic structures of the area that are visible are of the Uinta formation (Eocene Epoch) Tertiary Period in the upper elevations and the cobblestone and younger alluvial deposits from the Quaternary Period.

Outcrops of sandstone ledges, conglomerate deposits and shale are common in this area.

The topsoils in the area range from a light brownish-gray sandy clay (SM-ML) type soil with poorly graded gravels to a clayey (OL) soil.

The majority of the numerous washes and draws in the area are of a non-perennial nature flowing during the early spring run-off and heavy rain storms of long duration which are rare as the normal annual rainfall in the area is only 8".

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area are common of the semi-arid regions and consists of areas of sagebrush, rabbitbrush, some grasses and cacti as the primary flora. This is also true of the lower elevations.

The fauna of the area is sparse and consists predominantly of the mule deer, pronghorn antelope, coyotes, rabbits, and varieties of small ground squirrels and other types of rodents. The area is used by man for the primary purpose of grazing domestic sheep and cattle.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The Topography of the Immediate Area - (See Topographic Map "B").

Pariette Bench Federal #32-8 is located approximately 50' South of Pariette Draw a non-perennial drainage which runs to the Southeast into the Green River.

The terrain in the vicinity of the location slopes from the Northwest through the location site to the Southeast at approximately a 0.7% grade.

The vegetation in the immediate area surrounding the location site consists of grasses and sparse amounts of sagebrush.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Bill Elliot  
DIAMOND SHAMROCK CORPORATION  
85 South 200 East  
Vernal, UT 84078

1-801-789-5270

DIAMOND SHAMROCK CORPORATION  
Pariette Bench Federal #32-8  
Section 8, T9S, R19E, S.L.B. & M.

13. CERTIFICATION

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

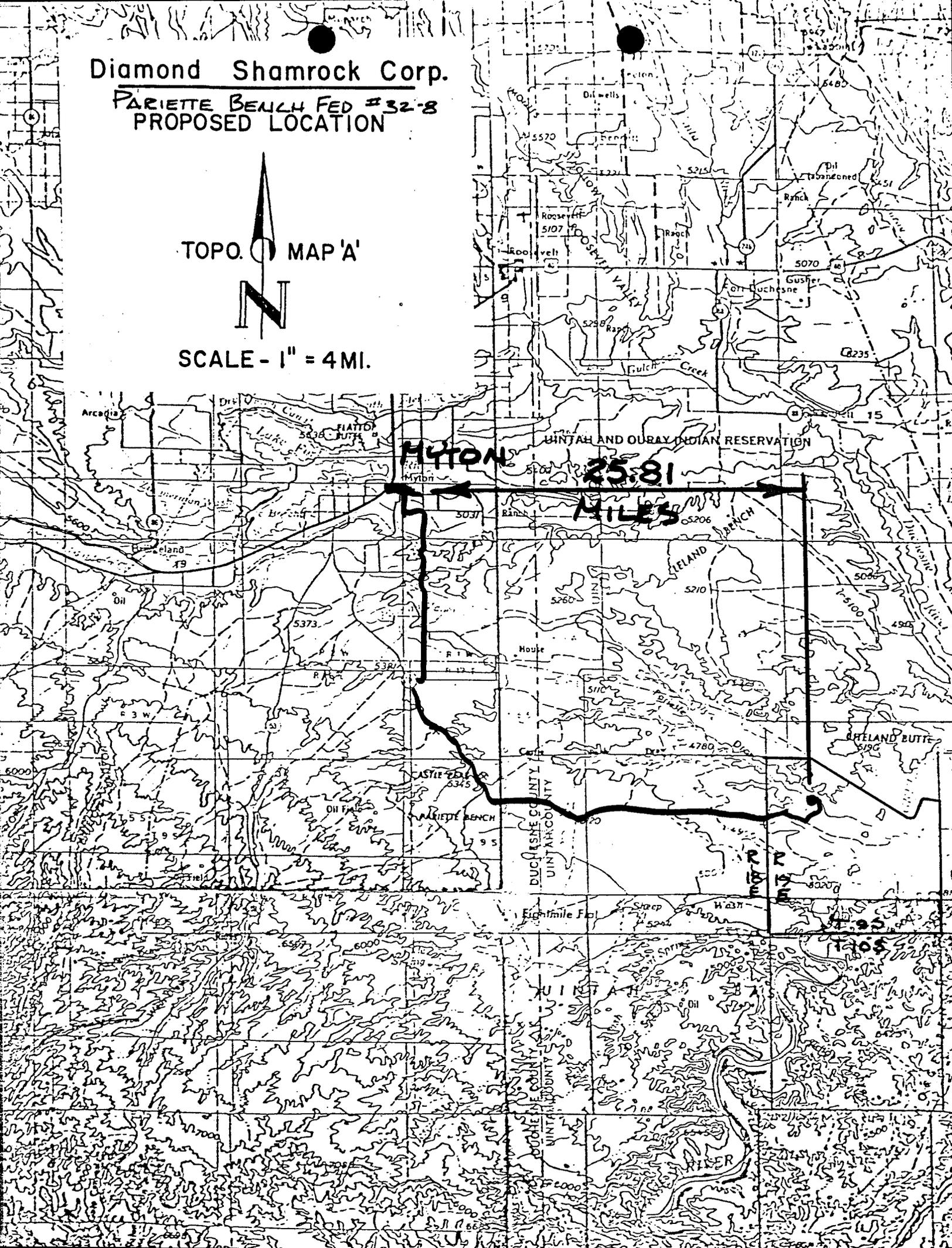
\_\_\_\_\_  
Date

\_\_\_\_\_  
Bill Elliot

Diamond Shamrock Corp.

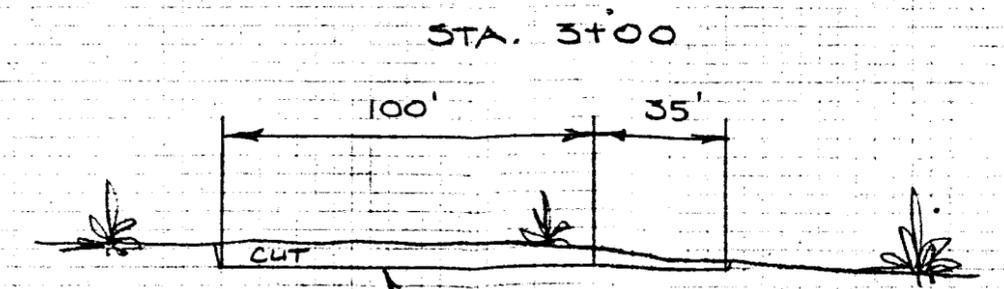
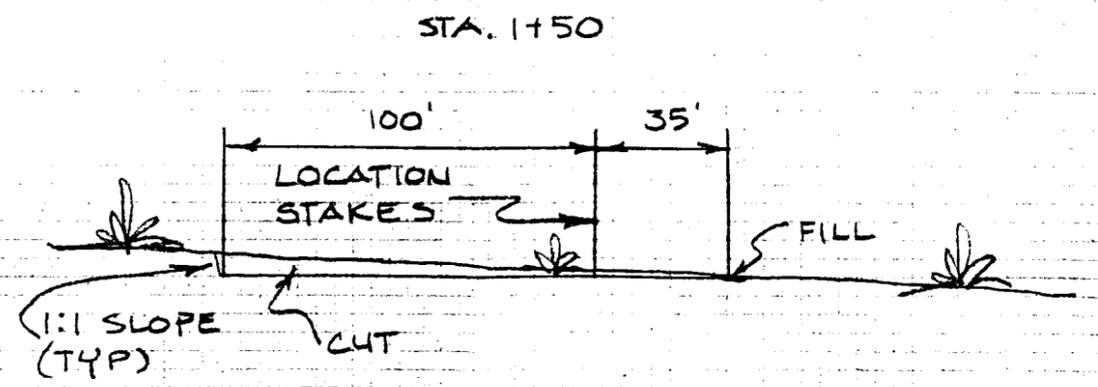
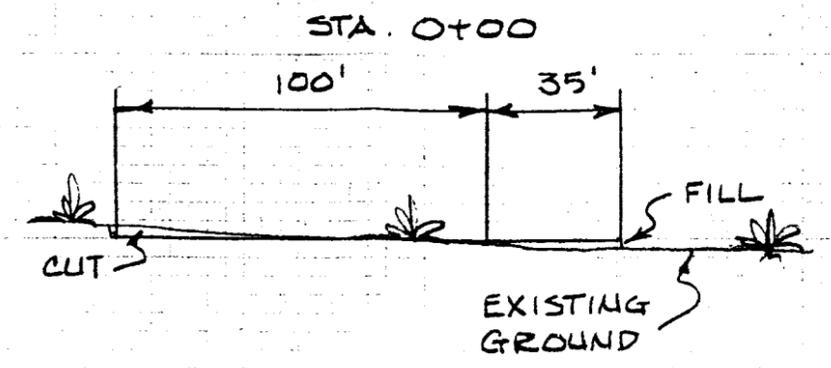
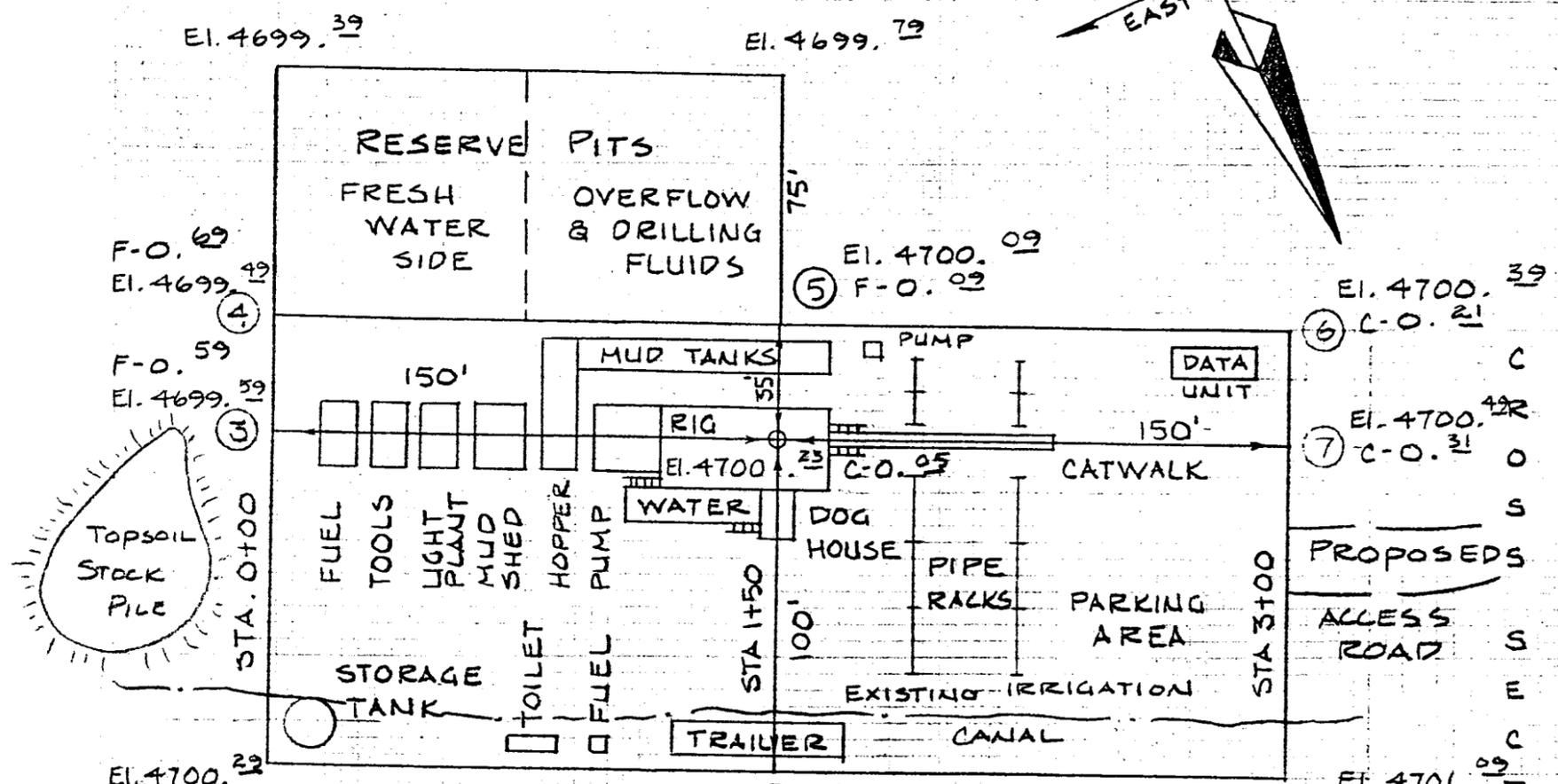
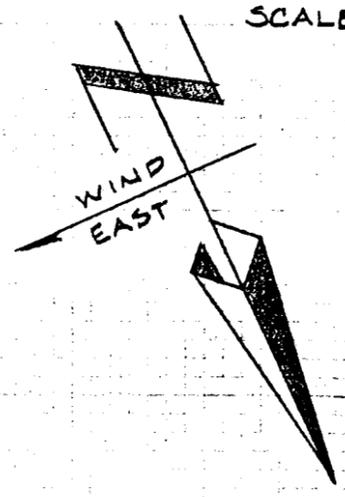
PARIETTE BENCH FED #32-8  
PROPOSED LOCATION

TOPO. MAP 'A'  
N  
SCALE - 1" = 4 MI.



DIAMOND SHAMROCK CORP.  
PARIETTE BENCH FED. #32-B

SCALE 1"=50'



1"=10'  
SCALES  
1"=50'

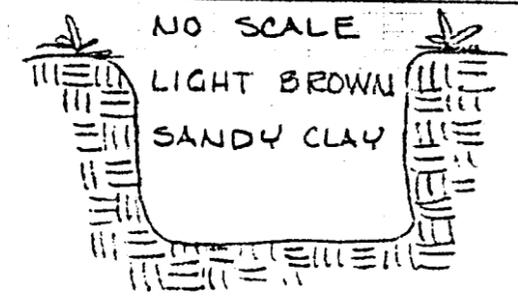
APPROX YARDAGES

CU. YDS. FILL - 138  
CU. YDS. CUT - 441

REROUTE CANAL IF NEEDED

PARIETTE DRAW

SOILS LITHOLOGY



Diamond Shamrock Corp.  
PARIETTE BEACH FED #32-8  
PROPOSED LOCATION

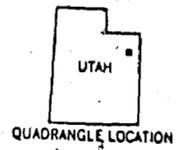
TOPO. MAP 'B'



SCALE - 1" = 2000'

ROAD CLASSIFICATION  
Medium-duty ——— Light-duty ———  
Unimproved dirt - - - - -

○ State Route



T4S  
T5S

R  
R  
R  
R  
R

T8S  
T9S

← MYTON - 24.71 MILES

PROPOSED ACCESS  
ROAD - 0.6 MILES

PROPOSED LOCATION  
PARIETTE BEACH FED. #52-8

EXISTING ROAD  
DRAW  
FLAT

G  
H  
T  
M  
L  
E

GREEN RIVER

PROPOSED ACTIONS:

Diamond Shamrock plans to drill the 32-8 well, a 5630' oil test of various formations. About .6 mile of new access road will be required and about .5 mile of existing jeep road will be upgraded to reach existing regularly maintained roads from the location. A pad 135' x 300' and a reserve pit 75' x 150' are planned for the location. One irrigation ditch crossing the pad will be re-routed to the back of the pad. Four other irrigation ditches will require culverts all to be 24" or 18" diameter. The road traverses public land but will require some modifications including a gate with a lock to limit public access to this road and twice crossing a landuser's existing fence on BLM property. The reserve pits will be lined if the soil and subsoil are porous enough to make seepage a significant problem. This would be at the discretion of the operator.

RECOMMENDED APPROVAL CONDITIONS:

1. BLM stipulations;
2. lease stipulations;
3. provide adequate logs for the identification of other minerals as requested in the Mineral Evaluation Report and Mining Report; and
4. it is recommended by the USGS representative present at the onsite inspection that no drilling activities be planned for March 1 through May 1 due to possible seasonal runoff problems. The month of May involves some concerns with Canada Geese nesting patterns in the BLM stipulation letter, but this well is far enough from the bird refuge to avoid a significant problem with the Geese.

oral request of Diamond Shamrock that an exact survey of their legal property line with regard to this fence be made when the access road to the 32-8 well is built.

Alternative II is to build the new access road to the 14-5 location on the west side of the private land, avoiding the crossing of private land but crossing the bird refuge project the BLM has in the area. Alternative II could interfere with the nesting habits of Canadian Geese from March 1 to May 31 and would present the problem of some limited continued interference in subsequent years during that period if production is established.

Well service traffic and oil shipments would provide a continuing impact for many years to come with a producing well. Production could also bring cumulative impacts of further development into the area.

### 3. Environmentally Controversial Items

The chief controversy has to deal with potential cumulative impacts of further development. The Vernal BLM is initiating some studies regarding that contingency. If these two proposed wells establish significant production the BLM will be required to begin negotiating a joint development plan for the area with Diamond Shamrock. The USGS would be relied upon for some needed technical assistance in helping develop such a general plan.

### 4. Uncertain and Unknown Risks

Reserve pits of the 32-8 well will be lined if soils are found to be permeable enough to require it. Early spring flooding represents a limited risk that can be avoided by scheduling drilling at some other time of the year. The extent of possible impacts to Canadian Geese habitat would not be easily quantifiable if Alternative II were chosen as the access route to the 14-5 well.

5. Establish Precedents

Diamond Shamrock has the rights to explore and develop hydrocarbons on the leases they have in the area if the environmental consequences are not too severe or irreversible. Upon rehabilitation of these sites the environmental effects of these actions would be substantially mitigated. The BLM has expressed concern about continued drilling in the area and joint development plans for Diamond Shamrock and the BLM may be required for the Pariette Draw area if these wells produce significant quantities of marketable hydrocarbon resources.

6. Cumulatively Significant

Further studies will be required if successful production is established. Several potential locations may present even more serious impacts to the BLM's bird refuge project than either of these two locations do.

7. National Register Historic Places

Some archaeological sites of limited importance may be present in the general area. All proposed locations within a mile of the Pariette River should have adequate archaeological clearances before construction is allowed to begin.

8. Endangered/Threatened Species

The BLM has expressed concern regarding Canadian Geese nesting habitat. The Canadian Geese are a threatened species with regard to further cumulative impacts or with regard to Alternative II in the proposed access roads to Well #14-5.

9. Violate Federal, State, Local, or Tribal Laws

No violations or problems are known to exist with present laws regarding these two proposed projects.

Comments

I have reviewed the proposed projects in accordance with the categorical exclusion review guidelines. They do not at present involve sufficiently significant effects to represent an exception to the categorical exclusions. The future possibility of more serious cumulative impacts arising from more extensive development may eventually present an exception to the categorical exclusions for leases that have been granted in close proximity to the BLM's Pariette Draw Bird Refuge Project.

FIELD NOTES SHEET

Date of Field Inspection: December 14, 1981

Well No.: 32-8

Lease No.: V-4493

Approve Location:

Approve Access Road:

Modify Location or Access Road: 4 culverts Route ditch to back of

pad. Rely on holding ponds upstream to keep location from being flooded

*any* ~~more~~ more than once every 5-10 years. Line pit if necessary. Prefer  
winter operations with completion to precede spring thaws of March 15 - May 1.  
Location far enough downstream from bird refuge to limit impacts to birds.  
Evaluation of Criteria for Categorical Exclusion

1. Public Health and Safety
2. Unique Characteristics
3. Environmentally Controversial Items
4. Uncertain and Unknown Risks
5. Establishes Precedents
6. Cumulatively Significant
7. National Register Historic Places
8. Endangered/Threatened Species
9. Violate Federal, State, Local, or Tribal Laws

If this project is not eligible for Categorical Exclusion circle the numbers of the above criteria requiring the preparation of an EA.

Comments and special conditions of approval discussed at onsite: (include local topography) Road traverses BLM land but passes inside a fence built in trespass. Ralph Heft requested Diamond Shamrock pay a survey to establish exact property lines, but seemed reluctant to force the landowner to move his fence. The location is about a mile downstream from a significant bird refuge project of the BLM.

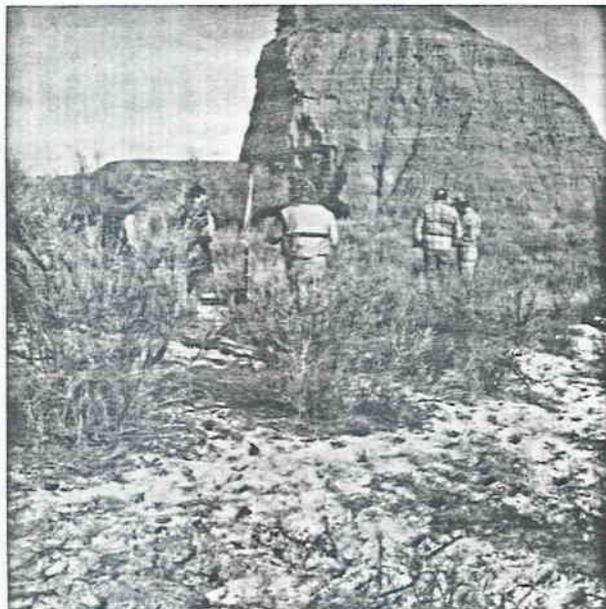
Possible access route to 14-5 well would involve using the proposed access road. Consulted with Terry Ridings 1-533-6146 State Water Pollution Control

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

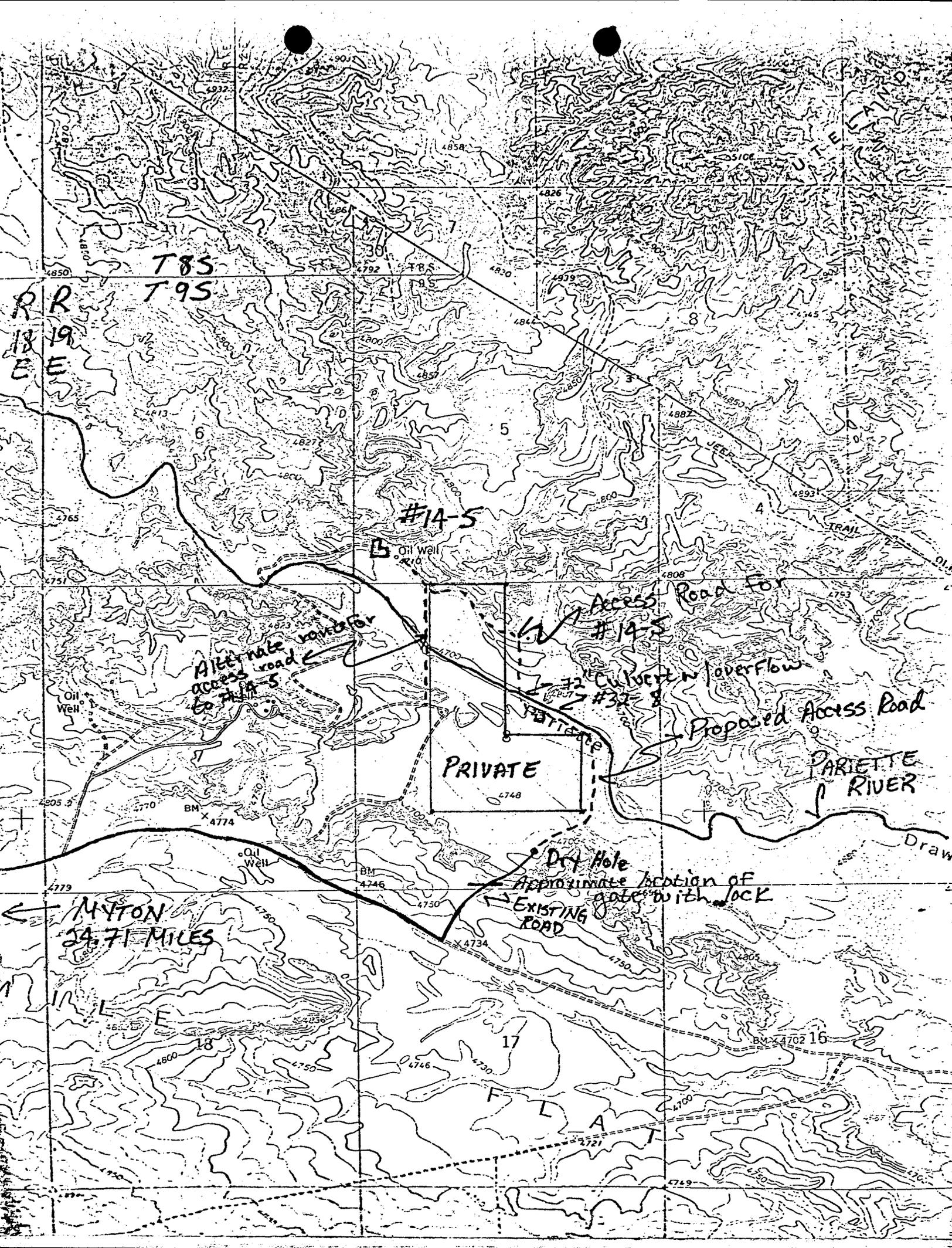
Criteria 516 DM 2.3.A	Federal/State Agency			Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Correspondence (date)	Phone check (date)	Meeting (date)						
Public health and safety							1, 2, 4, 6	December 14 1981	
Unique characteristics							1, 2, 4, 6		
Environmentally controversial							1, 2, 4, 6		
Uncertain and unknown risks							1, 2, 4, 6		
Establishes precedents							1, 2, 4, 6		
Cumulatively significant							1, 2, 4, 6		
National Register historic places							1, 6		
Endangered/threatened species							1, 6		
Violate Federal, State, local, tribal law							1, 2, 4, 6		

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey (Conservation Division, Geological Division, Water Resource Division, Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. *Onsite Requirements Other than the Items 1-7.*



*Northeast View  
32-8 Diamond Shamrock*



T85  
T95

R18  
R19  
E  
E

#14-5

Oil Well

Access Road for  
#14-5

Alternate road  
to #14-5

Culvert w/ overflow  
#32-8

Proposed Access Road

PRIVATE

PARIETTE  
RIVER

Dry Hole  
Approximate location of  
gate with lock  
EXISTING  
ROAD

24.71 MILES

Oil Well

BM 4774

Oil Well

BM 4746

BM 4734

BM 4702 16

\*\* FILE NOTATIONS \*\*

DATE: 12-4-81  
OPERATOR: Diamond Shamrock  
WELL NO: # 32-8 Pariette Bench Fed.  
Location: Sec. 8 T. 9S R. 19E County: Wintah

File Prepared:  Entered on N.I.D.:   
Card Indexed:  Completion Sheet:

API Number 43-047-31124

CHECKED BY:

Petroleum Engineer: M. J. Mindes 12-9-81

Director: \_\_\_\_\_

Administrative Aide: Unit well

APPROVAL LETTER:

Bond Required:  Survey Plat Required:

Order No. \_\_\_\_\_ O.K. Rule C-3

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

Lease Designation  Fed. Plotted on Map

Approval Letter Written

Hot Line  P.I.

December 10, 1981

Diamond Shamrock  
Drawer E  
Vernal, Utah 84078

RE: Well No. Pariette Bench 32-8  
Sec. 8, T. 9S, R. 19E,  
Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas/oil well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

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 43-047-31124.

Sincerely,

DIVISION OF OIL, GAS AND MINING

*Cleon B. Feight*

Cleon B. Feight  
Director

CBF/as  
cc: State Lands

USGS



# United States Department of the Interior

IN REPLY REFER TO

T & R  
U-801

BUREAU OF LAND MANAGEMENT  
VERNAL DISTRICT OFFICE  
170 South 500 East  
Vernal, Utah 84078

December 18, 1981

Ed Guynn, District Engineer  
USGS, Conservation Division  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, UT 84104

Re: Joint Onsite Inspection  
Diamond Shamrock Corporation  
T9S, R19E, Sec. 5 Well #14-5  
T9S, R19E, Sec. 8 Well #32-8

Dear Mr. Guynn:

On December 14, 1981 a joint onsite inspection was made of the above referenced well site locations and proposed access roads by people representing Diamond Shamrock, Casada Construction, USGS, and the BLM. We feel that the surface use and operating plans are adequate with the following stipulations:

1. Construction and maintenance of roads, rehabilitation of disturbed areas and construction of pipeline routes, shall be in accordance with surface use standards as set forth in the brochure, "Surface Operating Standards for Oil and Gas Exploration and Development".
2. The maximum width of access roads will be 30 feet total disturbed area. Turnouts will not be required and traveling off the right-of-way will not be allowed.
3. Top soil will be stockpiled as addressed in the applicants 13 point plan. Our office recommends the top 6-10 inches of soil materials be stockpiled.
4. The BLM will be notified at least 24 hours prior to any construction.
5. The BLM will be notified at least 24 hours prior to any rehabilitation.
6. A burn pit will not be constructed. There will be no burying of garbage or trash at the location. All trash must be contained and hauled to an approved disposal site.

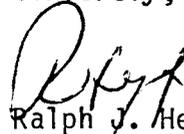


7. All permanent (onsite for six (6) months duration or longer) structures constructed or installed shall be painted a flat (non-reflective) earth tone color to match Tnemec 23-08351 Mesa Brown Enduratone or an approved equal. Facilities that are required to comply with O.S.H.A. (Occupational Safety and Health Act) standards are excluded.
8. At location #32-8, the brush will be piled with the topsoil and spread over the location during rehabilitation. Three 24" culverts will be required in the access road where the road crosses irrigation ditches. A gate with lock will be placed in the access road, as discussed at the onsite, to limit access by the general public.
9. The access road for location #14-5 will be as discussed at the joint onsite inspection and as shown on the attached map. Should the private landowner disallow access through his property, an alternate road has been shown on the attached map. However, if this alternate route is chosen, construction of the pad and subsequent drilling cannot be done during the period March 1 to May 31 so as to not disturb pair formation and nesting of Canada geese. Whichever route is chosen, a 72" culvert with overflow will be required where the access road to this location crosses the Pariette River.

An archaeological clearance has been conducted by Archaeological - Environmental Research Corporation of the proposed drill sites. However, a clearance has not been done for the access roads to these locations and no construction will be allowed until the clearances are completed.

The proposed activities do not jeopardize listed, threatened, or endangered flora/fauna and their habitats.

Sincerely,



Ralph J. Heft  
Area Manager  
Diamond Mountain Resource Area

cc: USGS, Vernal

Enclosure

United States Department of the Interior  
Geological Survey  
2000 Administration Bldg.  
1745 West 1700 South  
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Diamond Shamrock  
Project Type Oil Well  
Project Location 2231' FNL & 2130' FEL - Sec. 8, T. 9S, R. 19E  
Well No. 32-8 Lease No. U-4493  
Date Project Submitted November 23, 1981

FIELD INSPECTION

Date December 14, 1981

Field Inspection  
Participants

Greg Darlington - USGS, Vernal  
Gary Slagel, Ralph Heft, David Saupe, Bart Bennion, and  
David Zellanardo - BLM, Vernal  
Bill Elliot - Diamond Shamrock  
Gene Stewart - Uintah Engineering  
Floyd Murray - D. E. Casada

Related Environmental Documents: Unit Resource Analysis, Duchesne Planning Unit,  
BLM, Vernal

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 5, 1982  
Date Prepared

Gregory Darlington  
Environmental Scientist

I concur  
JAN 08 1982  
Date

W. W. Hunter  
District Supervisor  
FOR E. W. GUYNN  
DISTRICT OIL & GAS SUPERVISOR

T & R  
U-801



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT

VERNAL DISTRICT OFFICE

170 South 500 East

Vernal, Utah 84078

MAR 3 1982  
SALT LAKE CITY, UTAH

March 2, 1982

Ed Guynn, District Engineer  
USGS, Conservation Division  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, UT 84104

Re: Archaeology Clearance  
Diamond Shamrock Corporation  
T9S, R19E, Sec. 8 Well #32-8

Dear Mr. Guynn:

This is to confirm that an archaeology clearance has been done by Archaeological - Environmental Research Corporation of the above referenced location. No cultural materials were located.

Sincerely,

Ralph J. Heft  
Area Manager  
Diamond Mountain Resource Area

cc: USGS, Vernal



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

March 4, 1983

Diamond Shamrock Corporation  
Drawer E  
Vernal, Utah 84078

Re: See attached list of wells

Gentlemen:

In reference to the above mentioned wells, 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 these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill these locations at a later date, please notify as such.

We will be happy to acknowledge receipt of your response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a firm second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse  
Well Records Specialist

CF/cf

Well No. Goates Federal # 13-14  
Sec. 14, T. 9S, R. 16E.  
Duchesne County, Utah

Well No. Castle Peak Federal # 44-15  
Sec. 15, T. 9S, R. 16E.  
Duchesne County, Utah

Well No. Cotton # 44-4  
Sec. 4, T. 9S, R. 17E.  
Duchesne County, Utah

Well No. Paiute Federal # 24-7  
Sec. 7, T. 9S, R. 17E.  
Duchesne County, Utah

Well No. Paiute Federal # 11-18  
Sec. 18, T. 9S, R. 17E.  
Duchesne County, Utah

Well No. Paiute Federal 3 42-18  
Sec. 18, T. 9S, R. 17E.  
Duchesne County, Utah

Well No. Pariette Bench Federal # 32-8  
Sec. 8, T. 9S, R. 19E.  
Uintah County, Utah



**Diamond Shamrock**

March 11, 1983

Ms. Cari Furse  
State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
4241 State Office Building  
Salt Lake City, Utah 84114

Re: See attached list of wells

Ms. Furse:

In response to your letter of March 4, 1983, concerning the subject wells, we have discussed this matter with the Diamond Shamrock Exploration Department in Denver, they have informed this office, that with the exception of Well No. Pariette Bench Federal #32-8, all the wells are still on the current drilling program.

We would appreciate no termination of the Approvals for Permit to Drill on the remaining wells listed. Enclosed is a copy of this letter, as well as an SASE, for your acknowledgement of receipt.

Should you require additional information, please contact this office at the address or phone number listed below.

Yours truly,

  
Russell Ivie  
District Superintendent  
DIAMOND SHAMROCK CORPORATION  
Vernal District Office

Enclosures

xc: file

RI/ln

**RECEIVED**

MAR 14 1983

**DIVISION OF  
OIL, GAS & MINING**

Oil and Gas Operations  
2000 Administration Building  
1745 West 1700 South  
Salt Lake City, Utah 84104

April 4, 1983

Diamond Shamrock Corporation  
Drawer E  
Vernal, Utah 84078

Re: Rescind Application for Permit  
to Drill  
Well No. 32-0  
Section 8, T. 9 S., R. 19 E.  
Uintah County, Utah  
Lease U-4493

Gentlemen:

The Application for Permit to Drill the referenced well was approved on March 16, 1982. Since that date no known activity has transpired at the approved location. Under 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 the well will be rehabilitated. A schedule for this rehabilitation must then be submitted to this office. Your cooperation in this matter is appreciated.

Sincerely,

(ORIG. SGD.) W. P. MARTENS  
Drilling Unit Supervisor

 E. W. Guynn  
District Oil and Gas Supervisor

bcc: Well File  
SMA  
State O&G ✓  
State BLM  
APD Control  
Vernal or Durango

WPM/kr

Well No. Goates Federal # 13-14  
Sec. 14, T. 9S, R. 16E.  
Duchesne County, Utah

Well No. Castle Peak Federal # 44-15  
Sec. 15, T. 9S, R. 16E.  
Duchesne County, Utah

Well No. Cotton # 44-4  
Sec. 4, T. 9S, R. 17E.  
Duchesne County, Utah

Well No. Paiute Federal # 24-7  
Sec. 7, T. 9S, R. 17E.  
Duchesne County, Utah

Well No. Paiute Federal # 11-18  
Sec. 18, T. 9S, R. 17E.  
Duchesne County, Utah

Well No. Paiute Federal 3 42-18  
Sec. 18, T. 9S, R. 17E.  
Duchesne County, Utah

\*\* Well No. Pariette Bench Federal # 32-8 \*\* TERMINATE  
Sec. 8, T. 9S, R. 19E.  
Uintah County, Utah