

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL [X] DEEPEN [] PLUG BACK []

b. TYPE OF WELL OIL WELL [X] GAS WELL [] OTHER [] SINGLE ZONE [X] MULTIPLE ZONE []

2. NAME OF OPERATOR Diamond Shamrock Corporation

3. ADDRESS OF OPERATOR P. O. Box 631 Amarillo, Texas

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface 1,016' FWL, 1,142' FSL At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 624.30

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 11,100'

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6,376'

5. LEASE DESIGNATION AND SERIAL NO. 14-20-H62-2481
6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Indian Tribe
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME Ute
9. WELL NO. 1-606
10. FIELD AND POOL, OR WILDCAT Wasatch
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 6, T3S, R6W
12. COUNTY OR PARISH Duchesne
13. STATE Utah

16. NO. OF ACRES IN LEASE 624.30

17. NO. OF ACRES ASSIGNED TO THIS WELL 624.30

20. ROTARY OR CABLE TOOLS Rotary

22. APPROX. DATE WORK WILL START*

23. PROPOSED CASING AND CEMENTING PROGRAM

Table with 5 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT PER FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Rows include 13 3/4" hole with 9 5/8" casing, 8 3/4" hole with 7" casing, and 6 1/8" hole with 4 1/2" casing.

Plan to drill to approximately 600' and set 9 5/8" surface pipe. Will resume drilling to approximately 8,500' and set 7" intermediate casing. Will again resume drilling operations to approximately 11,100' and set 4 1/2" liner, and complete well if production is encountered.



Approval Notice STATE DIV. OF O & G (UTAH)

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 Dist. Drlg. Eng. DATE 8/27/75

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY [Signature] TITLE DATE SEP 3 1975

CONDITIONS OF APPROVAL, IF ANY:

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 Corporation

3. ADDRESS OF OPERATOR
P. O. Box 631 Amarillo, Texas

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
1,016' FWL, 1,142' FSL
 At proposed prod. zone
NE-SW 1/4

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

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

16. NO. OF ACRES IN LEASE
624.30

17. NO. OF ACRES ASSIGNED TO THIS WELL
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18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH
11,100'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
6,376'

22. APPROX. DATE WORK WILL START*

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4"	9 5/8"	32.6	600'	Circ. to surface
8 3/4"	7"	23 & 26	8,500'	300 sz.
6 1/8"	4 1/2"	11.6	11,100'	200 sz.

Plan to drill to approximately 600' and set 9 5/8" surface pipe. Will resume drilling to approximately 8,500' and set 7" intermediate casing. Will again resume drilling operations to approximately 11,100' and set 4 1/2" liner, and complete well if production is encountered.

134-8

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 *Stacy K. Haller* TITLE **Dist. Drlg. Eng.** DATE **8/27/75**

(This space for Federal or State office use)

PERMIT NO. **43 013 30396** APPROVAL DATE

APPROVED BY _____ TITLE _____ DATE _____

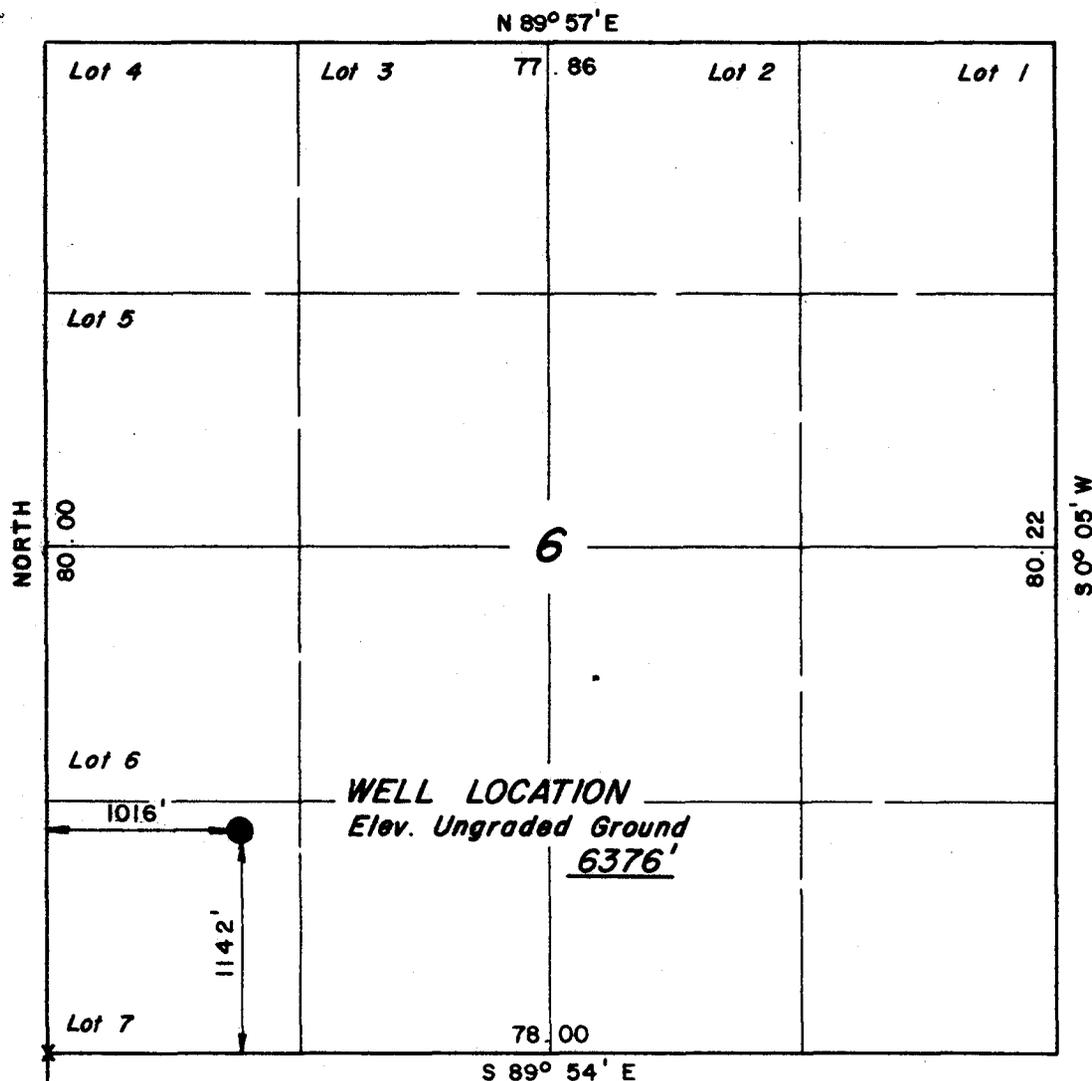
CONDITIONS OF APPROVAL, IF ANY:

T 3 S, R 6 W, U.S.B.&M.

PROJECT

DIAMOND SHAMROCK

Well location, located as shown in
the SW 1/4 SW 1/4, Section 6,
T 3 S, R 6 W, U.S.B.&M., Duchesne
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.

Jane Stewart

REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

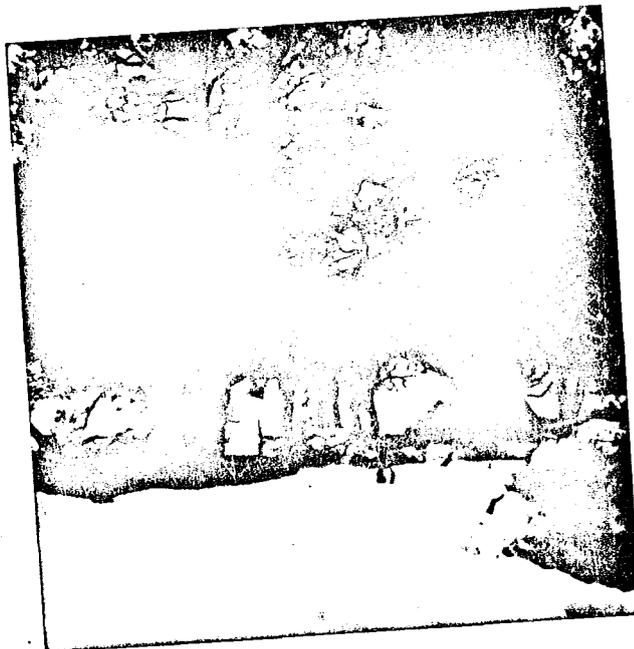
UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 8 / 1 / 75
PARTY D.A. D.G. B.E.	REFERENCES GLO Plat
WEATHER Worm	FILE DIAMOND SHAMROCK

NORTH 2620.31'

X = Section Corners Located

* W 1/4 Corner Sec. 7.



Diamond Shamrock
1-6-C6

↑
NW

T2S
R7W
T3S
R6W

Proposed
access
Road

Blacktail

Ridge
Culverts

TURNOUTS

Producing well

abandoned
well

EXISTING
MAINTAINED
Road

Rabbit
TRAIL

Gulch

TRAIL TELEPHONE

JEEP

TRAIL

16

JEEP

TRAIL

19

20

21

6.1 miles TO 40
12.7 miles to Duchesne

0000

FROM : DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. 14-20-1462-2481OPERATOR: DIAMOND SHAMROCKWELL NO. 1-6-C6LOCATION: ½ NE ½ NE ½ sec. 6, T. 3 S., R. 6 W., ~~624M~~ USB&MDUCHESNE County, UTAH

1. Stratigraphy: OPERATOR ESTIMATES OF TOPS MAY BE TOO DEEP. OTHER WELLS IN SAME TWP (SECS. 7) REPORT GREEN RIVER AT 3200+ FEET.
2. Fresh Water: WRO REPORTS THAT USABLE WATER MAY OCCUR IN THE GREEN RIVER FM TO DEPTHS OF 4000' IN THIS AREA. CARTER OIL CO. #1 E. NIELSON (SEC. 36, T. 3 S., R. 5 W.) REPORTED FRESH WATER AT 4696-4705 IN THE GREEN RIVER FM.
3. Leasable Minerals: VALUABLE PROSPECTIVELY FOR OIL SHALE AND BITUMINOUS LIMESTONE. MOST VALUABLE OIL SHALE WILL BE FOUND IN THE PARACHUTE CK. MEMBER (MAHOGANY ZONE) OF THE GREEN RIVER.
4. Additional Logs Needed: OPERATOR SUITE IS ADEQUATE AND SHOULD BE RUN THROUGH THE ENTIRE GREEN RIVER FM.
5. Potential Geologic Hazards: NEARBY WELLS REPORT NO. UNUSUAL CONDITIONS.
6. References and Remarks: USGS FILES S.L.C., UT.
REMOTE FROM KES

DIAMOND SHAMROCK
(A Revised)

12 Point Surface Use Plan
for

Well Location

1. **EXISTING ROAD:**
To reach Diamond Shamrock well location in Section 6, T3S, R6W, U.S.B. & M. proceed West on Highway 40 from Duchesne, Utah 5.5 miles to Rabbit Gulch Road, exit North and proceed 5.5 miles, exit left onto graded road and proceed Northerly 0.85 miles to said location.
2. **PLANNED ACCESS ROADS:**
As shown on the attached topographic map, the proposed access road leaves the location on the South side and proceeds Southerly 0.85 miles to intersection with Rabbit Gulch road.
3. **LOCATION OF EXISTING WELLS:**
There are no known wells within a radius of 1/2 miles.
4. **LATERAL ROADS TO WELL LOCATIONS:**
Roads to well locations in the existing area are shown on the attached topographic map.
5. **LOCATION OF TANK BATTERIES AND FLOWLINES:**
See attached location layout sheet.
6. **LOCATION AND TYPE OF WATER SUPPLY:**
Water used to drill this well will be hauled from the Strawberry River on the West end of Duchesne, Utah.
7. **METHODS FOR HANDLING WASTE DISPOSAL:**
All waste will be buried in a pit and covered with a minimum 2' of cover. A portable chemical toilet will be supplied for human waste.
8. **LOCATION OF CAMPS:**
There will be no camps.
9. **LOCATION OF AIRSTRIPS:**
There will be no airstrips.
10. **LOCATION LAYOUT:**
See attached location layout sheet.
11. **PLANS FOR RESTORATION OF SURFACE:**
There is no significant topsoil in the area. On completion pits will be filled, the surrounding area releveled, and reseeded with crested wheat grass at the rate of 6 pounds per acre.

12.

TOPOGRAPHY:

The original or (orthodox location, center of the Southwest of the Northeast location) was checked out by a certified land surveyor and company field personnel. The location fell in an area consisting of very steep, rocky cliffs. In order to build a drilling site in this area, it would require a large amount of blasting on the drilling site and the proposed road. This would cause a great deal of damage to the environment, and excess costs to our company.

In further checking the area, we discovered the southwest of the southwest or 1,016' from the west line and 1,142' from the south line, a more acceptable location for the environment and our company. This area consists of a small valley between rocky cliffs. There is very little vegetation in this area. A road could be built up the canyon with very little damage. We feel this would be more acceptable to all parties involved.

Lease

TC 2481

Well No. & Location 1-606 SW/NE Sec 6

T R Duchesne Co. Utah

ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-B

1. Proposed Action

DIAMOND Shamrock Corp.

ASSESSMENT of Orthodox location which complies with spacing regulations

2. Location and Natural Setting (existing environmental situation)

The Orthodox location lies in extremely rough terrain just south of Blacktail Ridge.

The area is generally rocky ledges, steep canyons and washes.

There is very little top soil in the area. There are a few scattered piñon pine and juniper trees.

The access road and location construction would require considerable blasting to negotiate the rocky ledges and steep canyons.

The alternate location located in the SW 1/4 will not require much blasting, especially considering the surrounding terrain. It is as close to the center of section 6 as possible to minimize environmental damage.

The area could not be classified as grazing land and is probably useful only as wild life habitat.

There is considerable elevation difference between the Orthodox location and the alternate location which can be seen from the topo map. The elevation changes are magnified because of the large surface rocks and boulders, some as large as 20' in diameter.

Diamond Shamrock

Rocky Mountain Division
5730 W. Yellowstone
Casper, Wyoming 82601



**Diamond Shamrock
Oil and Gas Company**

First National Bank Building
Post Office Box 631
Amarillo, Texas 79173
806/376-4451

WELL PROGNOSIS

WELL NAME:	Ute 1-6C6
LOCATION:	SW/SW, Sec. 6, T3S, R6W
PROJECTED T.D.:	11,800'
ELEVATION:	6,376'
FORMATION TOPS:	
B Marker	7,313'
Douglas Creek	8,143'
Wasatch Tongue	8,900'
Est. T. D.	11,800'

Diamond Shamrock

Rocky Mountain Division
1915 Oxford Lane
Casper, Wyoming 82601



**Diamond Shamrock
Oil and Gas Company**

First National Bank Building
Post Office Box 631
Amarillo, Texas 79173
806/376-4451

Safety Equipment Program
Ute 1-6C6
Sec. 6, T3S, R6W
Duchesne County, Utah

1. SURFACE CASING:
600', 9 5/8", 32.30 H-40, New Casing.
2. CASINGHEADS:
Flange type 10"/900, 3,000 psi test. Combination
spool 10"/900 to 10"/900.
3. INTERMEDIATE CASING:
8,500', 7", 23# & 26#, N80 & K55.
4. BLOWOUT PREVENTERS:
Hydraulic 10"/900 Series Double Shaffer
Hydraulic 10"/900 Series Hydril
5,000 psi Manifold
80 Gal. Accumulator
5. AUXILIARY EQUIPMENT:
 1. Upper and lower kelly cocks.
 2. Float at bit when needed.
 3. Automatic monitoring at mud pits and flowline.
 4. Gas buster, and degasser.
 5. Remote control 10,000 psi choke.
 6. Full opening drill pipe stabbing valve on floor at
all times.
6. ESTIMATED BOTTOM HOLE PRESSURE:
5,260 PSI.
7. DRILLING FLUID:
Drill with water to approximately 8,000' if hole conditions
permit, then water base mud to T. D. Mud density will be
maintained to control formation pressures.

DIAMOND SHAMROCK
PROPOSED LOCATION
UTE # 1-6-C6

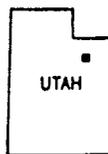
TOPO. MAP "B"



SCALE - 1" = 2000'

ROAD CLASSIFICATION

- Heavy-duty —————
- Medium-duty - - - - -
- Light-duty - - - - -
- Unimproved dirt - - - - -
- U.S. Route (shield symbol)
- State Route (circle symbol)

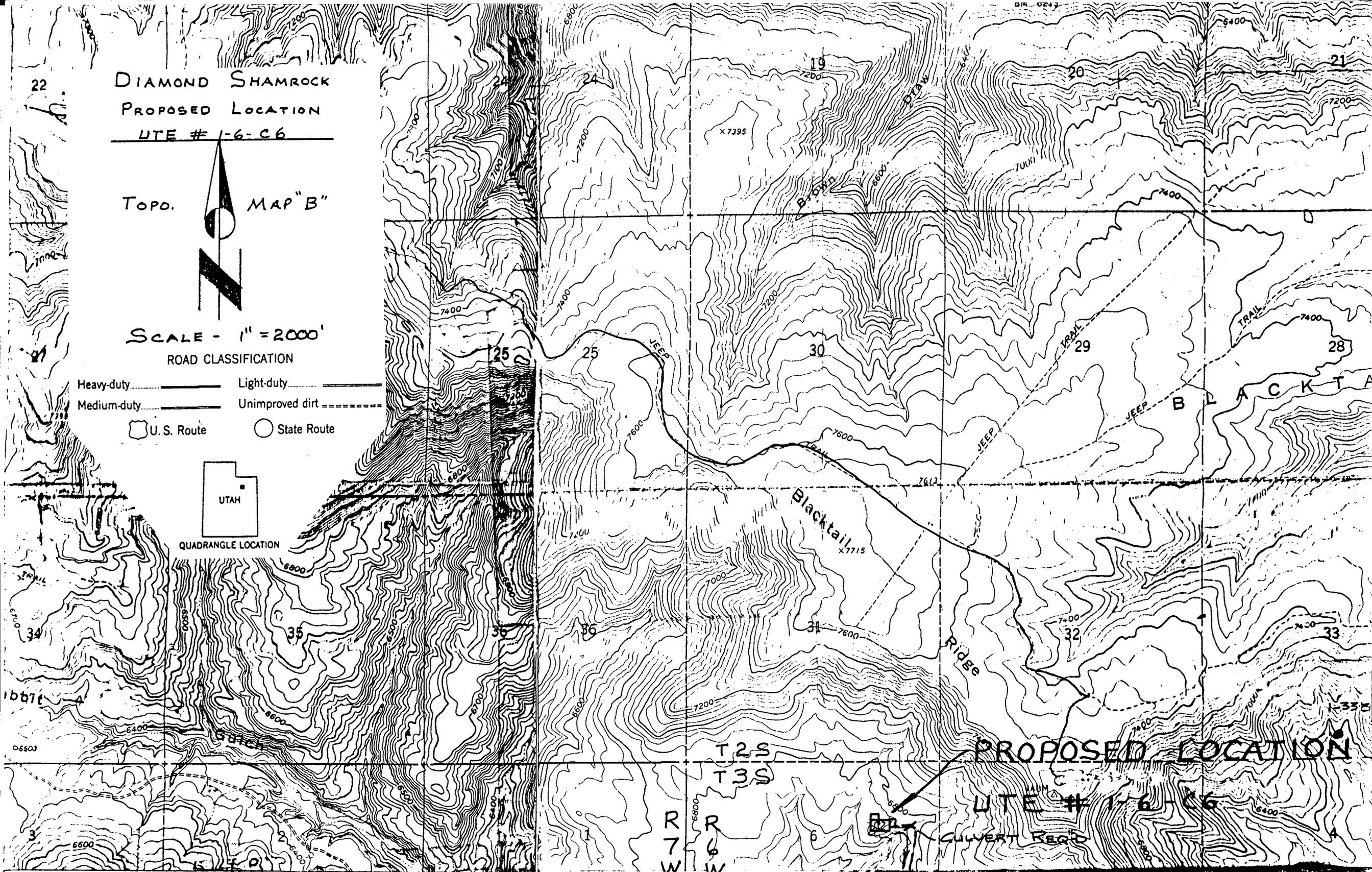


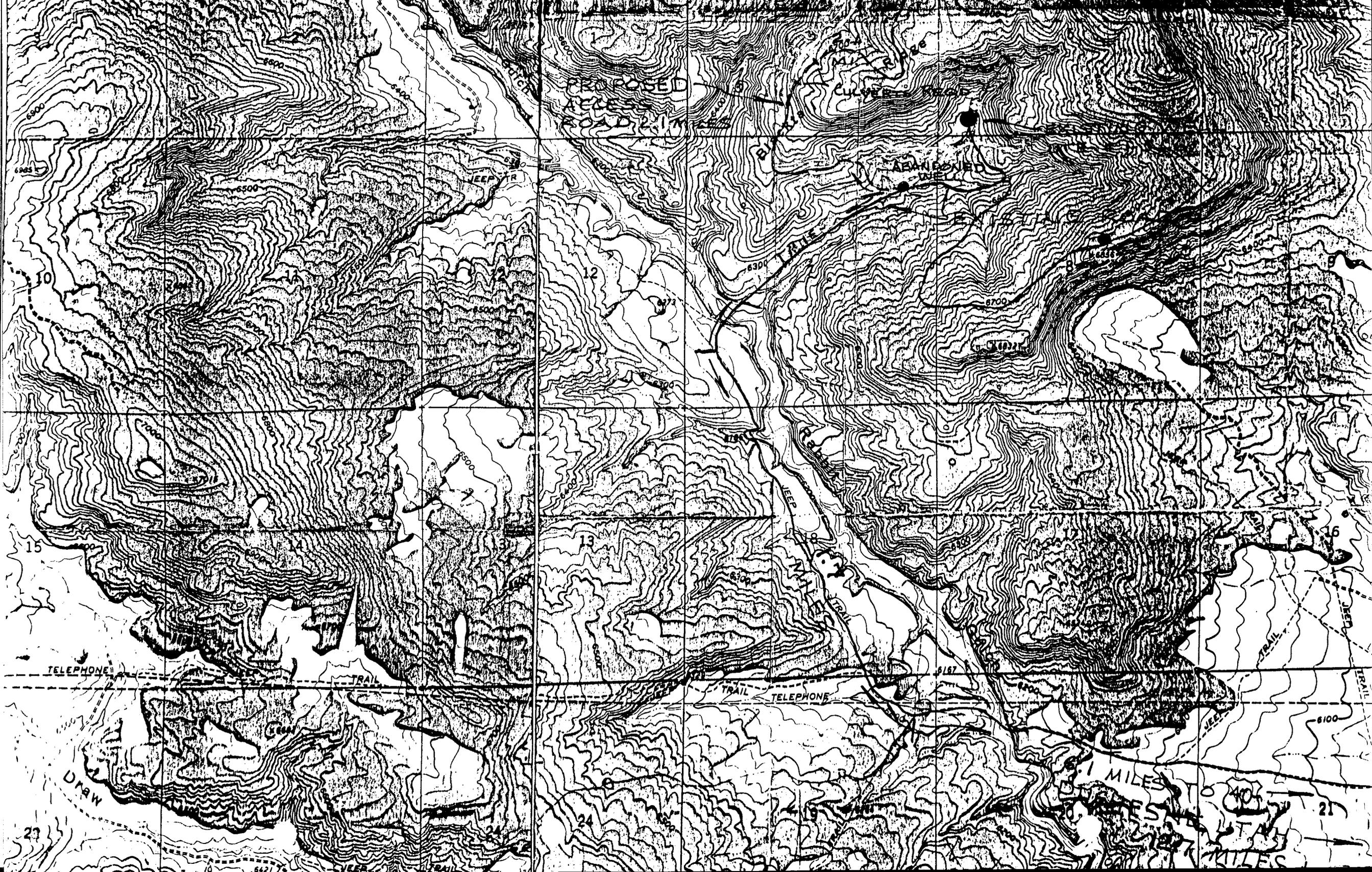
QUADRANGLE LOCATION

PROPOSED LOCATION

UTE # 1-6-C6

CULVERT ROAD





PROPOSED

ADAMS

5100

10

12

13

15

16

TELEPHONE

TRAIL

TRAIL

TELEPHONE

TRAIL

TRAIL

20

24

21

1 MILES

1 KILOMETER

1 MILES

1 KILOMETER

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

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
14-20-H62-2481

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute Indian Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ute

9. WELL NO.

1-6C6

10. FIELD AND POOL, OR WILDCAT

Wasatch

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

Sec. 6, T3S, R6W

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6,376' GR.

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Commercial Drilling

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Waiting on Rotary

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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.)*

Present Operation: Waiting on Rotary



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

SIGNED

Bruce R. Walker

TITLE

Dist. Drlg. Engineer

DATE

9/1/75

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

K

DIAMOND SHAMROCK
(A Revised)

12 Point Surface Use Plan
for

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PZ
D
F8

NEGATIVE DECLARATION

APPROVAL BY SECRETARY OF THE INTERIOR FOR Oil Well Development
TO Diamond Shamrock Company COVERING THE FOLLOWING DESCRIBED
TRUST INDIAN SUBSURFACE RIGHTS IN Duchesne COUNTY, STATE OF UTAH.

Legal Description:

SW $\frac{1}{4}$

Section 6; T3S, R6W

Fee land; this action does not conflict with any tribal interests.

It has been determined after reviewing the application for permit to drill that the approval of this permit is not such a major Federal action significantly affecting the quality of the human environment as to require the preparation of an environmental impact statement under Section 102(2) (c) of the National Environmental Policy Act of 1969 (42 U.S.C. s 4332 (2) (c)).

Date: August 25, 1975

William L. Stutz
Superintendent

Copy to:

Diamond Shamrock Co., Attn. Clinton Ash, Box 631, Amarillo, Tx., 79173
Ron Alexander, USGS, Cons. Div., P.O. Box 1037, Vernal, Utah 84078
Ed Guynn, Dist. Engr., Cons. Div., 8426 Federal Bldg., S.L.C., Utah 84138
(USGS)

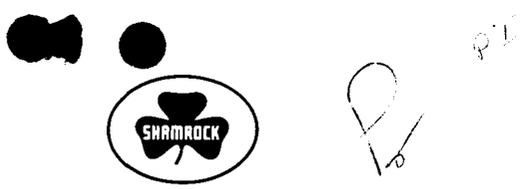
AUG 28 1975

FY76-8

RECEIVED DIAMOND SHAMROCK
LAND DEPARTMENT

APR 11 42-013-30396

K
P



Diamond Shamrock

5730 W. Yellowstone
Casper, Wyoming 82601

**Diamond Shamrock
Oil and Gas Company**

First National Bank Building
Post Office Box 631
Amarillo, Texas 79173
806/376-4451

September 17, 1975

Utah Division of Oil Gas Conservation
1588 West, North Temple
Salt Lake City, Utah 84116

Attn: Mr. Gleon B. Feight;

Please find enclosed a revised 12 Point Surface Use Plan for the Ute 1-6 C6, Sec. 6, T3S, R6W.

We have revised Point 12 Topography of this plan. This revision was necessary due to a change of location from the original proposed location. Since the original proposed location would necessitate blasting the rocky terrain and result in extreme enviornmental damage and extensive costs, the decision was made to move the location.

Sincerely,
Stuard Byram
Stuard Byram
Dist. Drlg. Supt.

SB;lj

cc: Mr. Edgar W. Gwynn
U. S. Geological Survey
8426 Federal Bldg.
Salt Lake City, Utah 84138

SUMMARY OF ENVIRONMENTAL IMPACT EVALUATION

Diamond Shamrock Co.
 Well # 1-6CC
 Sec. 6, T3S, R6W
 Duchesne Co. Utah
 LSE. 14-20-H62-2481
 Dia. Sham. - J. Hoque
 Drill Cont. Brinkhardt
 USGS - 3 FIANT
 BIA - L. Hall
 Dir. Cont. Ross

- NO effect
- ENHANCES
- MINOR impact
- MAJOR impact

Construction	Pollution	Drilling Production	Transport Operations	Accidents	Other
Roads, bridges, airports	Burning, noise, junk disposal	Well drilling	Trucks	Spills and leaks	
Transmission lines, pipelines	Liquid effluent discharge	Fluid removal (Prod. wells, facilities)	Pipelines	Operational failure	
Dams & impoundments	Subsurface disposal	Secondary Recovery	Others		
Others (pump stations, compressor stations, etc.)	Others (toxic gases, noxious gas, etc.)	Noise or obstruction of scenic views			
		Mineral processing (ext. facilities)			
		Others			

Forestry					
Grazing	/	/	/	/	
Wilderness					
Agriculture					
Residential-Commercial					
Mineral Extraction					
Recreation	0	/		/	
Scenic Views		/	/	/	
Parks, Reserves, Monuments					
Historical Sites	NA NONE KNOWN				
Unique Physical Features					
Birds	/	/	/	/	
Land Animals	/	/	/	/	
Fish					
Endangered Species	NA NONE KNOWN				
Trees, Grass, Etc.	/	/		/	
Surface Water					
Underground Water					
Air Quality		/	/		
Erosion	/	/		/	
Other					
Effect On Local Economy	0	0	0	0	
Safety & Health		/	/		
Others					

Lease UTE TRIBAL - # 14-20-H62-2481

Well No. & Location # 1-606 - 1,016' FWL 1'42' FSL

Sec 6, T39, R6W Duchesne Co. UTAH

ENVIRONMENTAL IMPACT ANALYSIS - ATTACHMENT 2-B

1. Proposed Action

Diamond Shamrock Corp. proposes to drill a oil and gas test well to the WATACH formation at approx 11,100'. To clear and level a drilling location 150' x 360' and to construct a reserve pit 50' x 100' x 20' (deep). To construct approx. one mile of new access road from Sec. 7 well to proposed site

2. Location and Natural Setting (existing environmental situation)

The proposed location is approx. 12 miles north/west of Duchesne, Utah.

The well site is at the base of Blacktail Ridge in a narrow rocky gorge.

The area is generally very rocky ridges with deep gullies and washes. The proposed access road leaves the existing road near well 1-706 and follows a shelf to the well site and will require minor dirt work considering the surrounding terrain. The well site is in a relatively flat area with underlying rocks and will require some blasting to clear and level. Location width will be kept to a minimum to lessen environmental damage.

Reserve pit construction will require that the existing drainage path will be moved to the west and the present path dammed up with large boulders and soil to form a pit.

There is very little top soil in the area. Vegetation is Pinon pine and juniper trees with sparse sage brush and native grasses. Wild life found are Mule deer, rabbits and other small rodents.

3. Effects on Environment by Proposed Action (potential impact)

- Minor amount of induced erosion due to location, reserve pit and access road construction.

- Minor amount of air pollution due to rig activity and support traffic.

- Loss of natural vegetation - (Temp)

- Temporary disturbances of ~~the~~ live stock and wild life

- There will be moderate scarring of the now nearly natural area.

4. Alternatives to the Proposed Action

- NOT APPROVING THE APPLICATION

- NOT APPROVING THE APPLICATION AND SUGGESTING AN ALTERNATE LOCATION THAT WOULD LESSEN ENVIRONMENTAL DAMAGE. NO LOCATIONS COULD BE FOUND THAT WOULD JUSTIFY THIS ACTION.

5. Adverse Environmental Effects Which Cannot Be Avoided

- INDUCED EROSION CREATED BY CONSTRUCTION
- MINOR AMOUNT OF AIR POLLUTION
- DISTURBANCE OF LIVE STOCK AND WILDLIFE
- DISTRACTION FROM THE AESTHETICS
- TEMP. LOSS OF NATURAL VEGETATION

6. Determination

(This requested action ~~does~~ (does not) constitute a major Federal action significantly affecting the environment in the sense of NEPA, Section 102(2) (c)).

Date Inspected 9-12-75

BY

E. W. Seymour

Geological Survey
Casper District Salt Lake City
Casper, Wyoming

Green Lab

DIVISION OF OIL, GAS, AND MINING

FILE NOTATIONS

Date: Sept. 10 -
Operator: Diamond Shamrock
Well No: 21st ~~1-6CB~~ 1-6CB
Location: Sec. 6 T. 38 R. 6a County: Duchesne

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

Checked By:

Administrative Assistant: See
Remarks: Does not fit Order in 139-8, Order State EXEMPT Called D. Shamrock, they will forward letter of details as to why?
Petroleum Engineer/Mined Land Coordinator: [Signature]

Remarks:

Director: [Signature]

Remarks:

Include Within Approval Letter:

Bond Required Survey Plat Required
Order No. 139-8 Blowout Prevention Equipment
Rule C-3(c) Topographical exception/company owns or controls acreage within a 660' radius of proposed site
O.K. Rule C-3 O.K. In _____ Unit
Other: Topographic
 Letter Written

USGS - Note location, Orig. location was checked by supervisor, location fell in area of steep slope.

September 30, 1975

Diamond Shamrock Corporation
Box 631
Amarillo, Texas

Re: Well No. Ute 1-6C6
Sec. 6, T. 3 S, R. 6 W, USM
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the Order issued under Cause No. 139-8; topographic exception.

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

PATRICK L. DRISCOLL - Chief Petroleum Engineer
HOME: 272-5813
OFFICE: 533-5771.

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands(aquifers) are encountered during drilling.

The API number assigned to this well is 43-013-30396.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

ORIGINAL SIGNED BY C. B. FEIGHT

CLEON B. FEIGHT
DIRECTOR

CBF:sw
cc: U.S. Geological Survey

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

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

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-H62-2481

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute Indian Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ute

9. WELL NO.

1-6C6

10. FIELD AND POOL, OR WILDCAT

Wasatch

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

Sec. 6, T3S, R6W

12. COUNTY OR PARISH | 13. STATE

Duchesne

Utah

1.

OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

Diamond Shamrock Corporation

3. ADDRESS OF OPERATOR

P. O. Box 631 Amarillo, Texas 79173

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

1,016' FWL, 1,142' FSL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6,376' GR.

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

Commercial Drilling

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

Waiting on Rotary

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

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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.)*

Present Operation: Waiting on Rotary

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

SIGNED _____

TITLE Dist. Drlg. Engineer

DATE 10/1/75

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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

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

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-H62-2481

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute Indian Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ute

9. WELL NO.

1-6G6

10. FIELD AND POOL, OR WILDCAT

Wasatch

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

Sec. 6, T3S, R6W

12. COUNTY OR PARISH

Duchesne

13. STATE

Utah

1.

OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

Diamond Shamrock Corporation

3. ADDRESS OF OPERATOR

P. O. Box 631 Amarillo, Texas 79173

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

1,016' FWL, 1,142' FSL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6,376' GR.

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

Commercial Drilling

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

Waiting on Rotary

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

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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.)*

Present Operation: Waiting on Rotary

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

SIGNED _____

TITLE

Dist. Drlg. Engineer

DATE

11/1/75

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
14-20-H62-2481

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute Indian Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Ute

9. WELL NO.
1-6C6

10. FIELD AND POOL, OR WILDCAT
Wasatch

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 6, T3S, R6W

12. COUNTY OR PARISH 13. STATE
Duchesne Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Diamond Shamrock Corporation

3. ADDRESS OF OPERATOR
P. O. Box 631, Amarillo, Texas 79173

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

1,016' FWL, 1,142' FSL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6,376' GR.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other) Commercial Drilling

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other) Waiting on Rotary

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

(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.)*

Present Operation: Waiting on Rotary

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

SIGNED _____ TITLE Dist. Drlg. Engineer DATE 12/1/75

(This space for Federal or State office use)

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



P
PI

CALVIN L. RAMPTON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH

GUY N. CARDON
Chairman

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

CHARLES R. HENDERSON
ROBERT R. NORMAN
JAMES P. COWLEY
HYRUM L. LEE

CLEON B. FEIGHT
Director

1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771
January 6, 1976

Diamond Shamrock
P. O. Box 631
Amarillo, Texas 79173

Re: Well No. Ute 1-6C6
Sec. 6, T. 3S, R. 6W
Duchesne County, Utah
September 1975 - November 1975

Gentleman:

Our records indicate that you have not filed a Monthly Report of Operations for the months indicated above on the subject well.

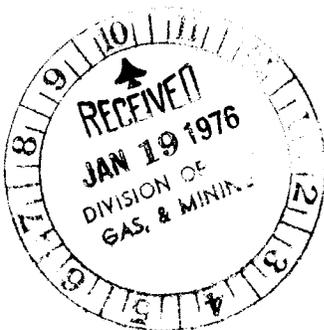
Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1b, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

KATHY OSTLER
RECORDS CLERK



STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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. 14-20-H62-2481
2. NAME OF OPERATOR Diamond Shamrock Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute Indian Tribe
3. ADDRESS OF OPERATOR P. O. Box 631 Amarillo, Texas 79173		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 1,016' FWL, 1,142 FSL		8. FARM OR LEASE NAME Ute
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6,376' GR.	9. WELL NO. 1-6C6
		10. FIELD AND POOL, OR WILDCAT Wasatch
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 6, T3S, R6W
		12. COUNTY OR PARISH Duchesne
		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"/>	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>Waiting on Rotary</u> <input checked="" type="checkbox"/>	
(Other) <u>Commercial Drilling</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.)*

Present Operation: Waiting on Rotary



APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
DATE: Jan 16, 1976
BY: P. H. Russell

18. I hereby certify that the foregoing is true and correct
SIGNED [Signature] TITLE Dist. Drlg. Engineer DATE 1/13/76

(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 TRIPPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.
14-20-H62-2481

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute Indian Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Ute

9. WELL NO.
1-6C6

10. FIELD AND POOL, OR WILDCAT
Wasatch

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 6, T3S, R6W

12. COUNTY OR PARISH
Duchesne

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
Diamond Shamrock Corporation

3. ADDRESS OF OPERATOR
P. O. Box 631, Amarillo, Texas 79173

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

1,016' FWL, 1,142' FSL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6,376' GR.

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

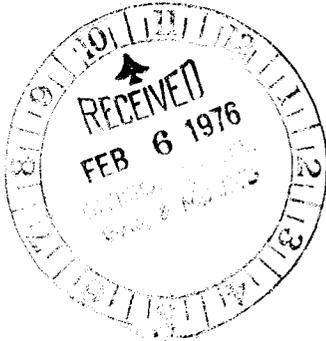
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	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>Waiting on Rotary</u>	<input checked="" type="checkbox"/>

(Other) **Commercial Drilling**

(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.)*

Present Operation: **Waiting on Rotary**



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

SIGNED *[Signature]* TITLE **Dist. Drlg. Engineer** DATE **1/31/76**

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(Other instructions on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.

14-20-H62-2481

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.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute Indian Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ute

9. WELL NO.

1-6C6

10. FIELD AND POOL, OR WILDCAT

Wasatch

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

Sec. 6, T3S, R6W

12. COUNTY OR PARISH 13. STATE

Duchesne

Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Diamond Shamrock Corporation

3. ADDRESS OF OPERATOR
P. O. Box 631 Amarillo, Texas 79173

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

1,016' FWL, 1,142' FSL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6,376' GR.

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF PULL OR ALTER CASING
 FRACTURE TREAT MULTIPLE COMPLETE
 SHOOT OR ACIDIZE ABANDON*
 REPAIR WELL CHANGE PLANS
 (Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF REPAIRING WELL
 FRACTURE TREATMENT ALTERING CASING
 SHOOTING OR ACIDIZING ABANDONMENT*
 (Other)

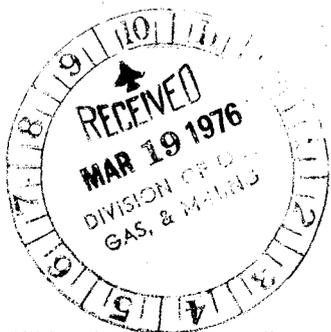
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)*

Waiting on Rotary

*Application for Permit to Drill approved September 30, 1975. Letter of inquiry dated March 1, 1976. Approval of Application for Permit to Drill is revoked without prejudice. If you should decide to drill at this location, please submit another Application for Permit to Drill.

cc: O&GS, NRMA, Casper
USGS, Vernal
Bur. of Indian Affairs, Ft. Duchesne
Utah State Division of O & G Cons
Well File



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

SIGNED George R. Johnson TITLE Dist. Drlg. Engineer

DATE 3/1/76

(This space for Federal or State office use)

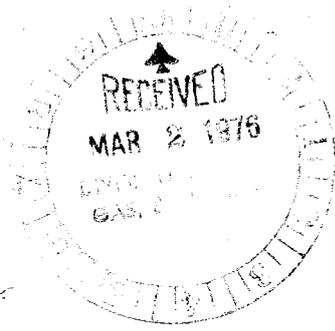
APPROVED BY [Signature] TITLE DISTRICT ENGINEER

DATE MAR 13 1976

CONDITIONS OF APPROVAL, IF ANY:
*As Above

*See Instructions on Reverse Side

File



Conservation Division
8426 Federal Building
Salt Lake City, Utah 84138

P

March 1, 1976

Mr. Stu Byram
Diamond Shamrock Corporation
P. O. Box 631
Amarillo, Texas 79173

Attention: Mr. George R. Holden

Re: Well No. 1-6C6
Sec. 6, T3S, R6W, USB&N
SW $\frac{1}{4}$ SW $\frac{1}{4}$, Duchesne County, Utah
Lease Ute Ind. 14-20-H62-2481

Dear Mr. Byram:

In a telecon with you on February 26, 1976, you indicated that the referenced well would not be drilled. The Application for Permit to Drill the well was approved September 30, 1975. Approval will be revoked without prejudice if there is no intent to drill the well.

Please confirm that this well has not or will not be drilled.

Sincerely yours,

E. W. Gynn
District Engineer

cc: O&G, NEMA, Casper
USGS, Vernal
Bur. of Indian Affairs, Ft. Duchesne
Utah State Division of O & G Cons. ✓
Well File

EWG:tv

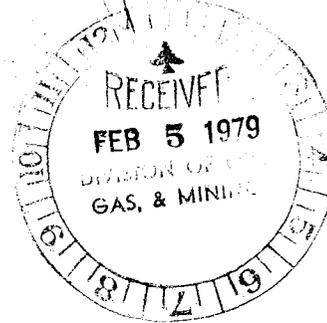


Diamond Shamrock

Oil and Gas Unit

January 31, 1979

U. S. Geological Survey
Attn: Mr. Ed Guynn
District Engineer
8426 Federal Building
Salt Lake City, Utah 84138



Re: Prestaking application of Ute 1-6C6
Lease # 14-20-H62-2481
1320' FNL & 1320' FEL
Center of the Northeast Quarter
Sec. 6, T3S, R6W
Duchesne County, Utah

Mr. Guynn:

Please find enclosed a topographic map which is marked with our proposed drilling site of the Ute 1-6C6, located in the center of the northeast quarter of Sec. 6, T3S, R6W.

The access road will be staked at the time the location is surveyed. Final approval will be expected at time of inspection.

This letter and accompanying topographic map is sent in compliance with the requirements of NTL-6. If further information is required, please contact our Casper, office at 1-307-266-1882.

Sincerely,

John C. Schmid

John C. Schmid
Drilling Engineer

JCS:lj
Encl:

cc: Bureau of Indian Affairs
Attn: Adelyn H. Logan
Realty Officer
Ft. Duchesne, Utah 84026

Division of Oil, Gas & Mining
Cleon B. Feight, Director
1588 West, North Temple
Salt Lake City, Utah 84116

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
 5730 West Yellowstone Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface
 1226' FNL, 1238' FEL, Section 6, T3S, R6W, U.S.B. & M.
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 17.5 miles from Duchesne

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1226'

16. NO. OF ACRES IN LEASE 624.3

17. NO. OF ACRES ASSIGNED TO THIS WELL 624.3

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 12,500'

19. PROPOSED DEPTH 12,500'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 Ungraded ground elevation - 6754'

22. APPROX. DATE WORK WILL START*
 March 25, 1979

5. LEASE DESIGNATION AND SERIAL NO.
 14-20-H62-2481

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 Ute

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Ute

9. WELL NO.
 #1-6-C6

10. FIELD AND POOL, OR WILDCAT
 Wasatch

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Section 6, T3S, R6W, U.S.B. & M.

12. COUNTY OR PARISH 13. STATE
 Duchesne Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4	9 5/8"	36#	1000'	Circulate to surface
8 3/4	7"	23 & 26#	9600'	200 sacks
6 1/8	4 1/2"	13.50#	12,500'	500 sacks

Plan to drill to approximately 1000 ft. and set 9 5/8" surface casing. Will install and pressure test B.O.P. Will resume drilling to approximately 9600 ft. and set 7" intermediate casing. Will reinstall and pressure test B.O.P. equipment. Will drill ahead to approximately 12,500' and if commercial production is indicated, will set 4 1/2" liner and complete well.

SAFETY EQUIPMENT PROGRAM

Refer to GEOLOGICAL CASING AND BOPE DATA

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 Bill Elliott TITLE Dist. Supt. DATE 2-21-79

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY W.P. Martin TITLE ACTING DISTRICT ENGINEER DATE JUN 08 1979
 CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY See Instructions On Reverse Side

NOTICE OF APPROVAL

NECESSARY FLARING OF GAS DURING DRILLING AND COMPLETION APPROVED SUBJECT TO ROYALTY (NTL-4)

STATE O&G

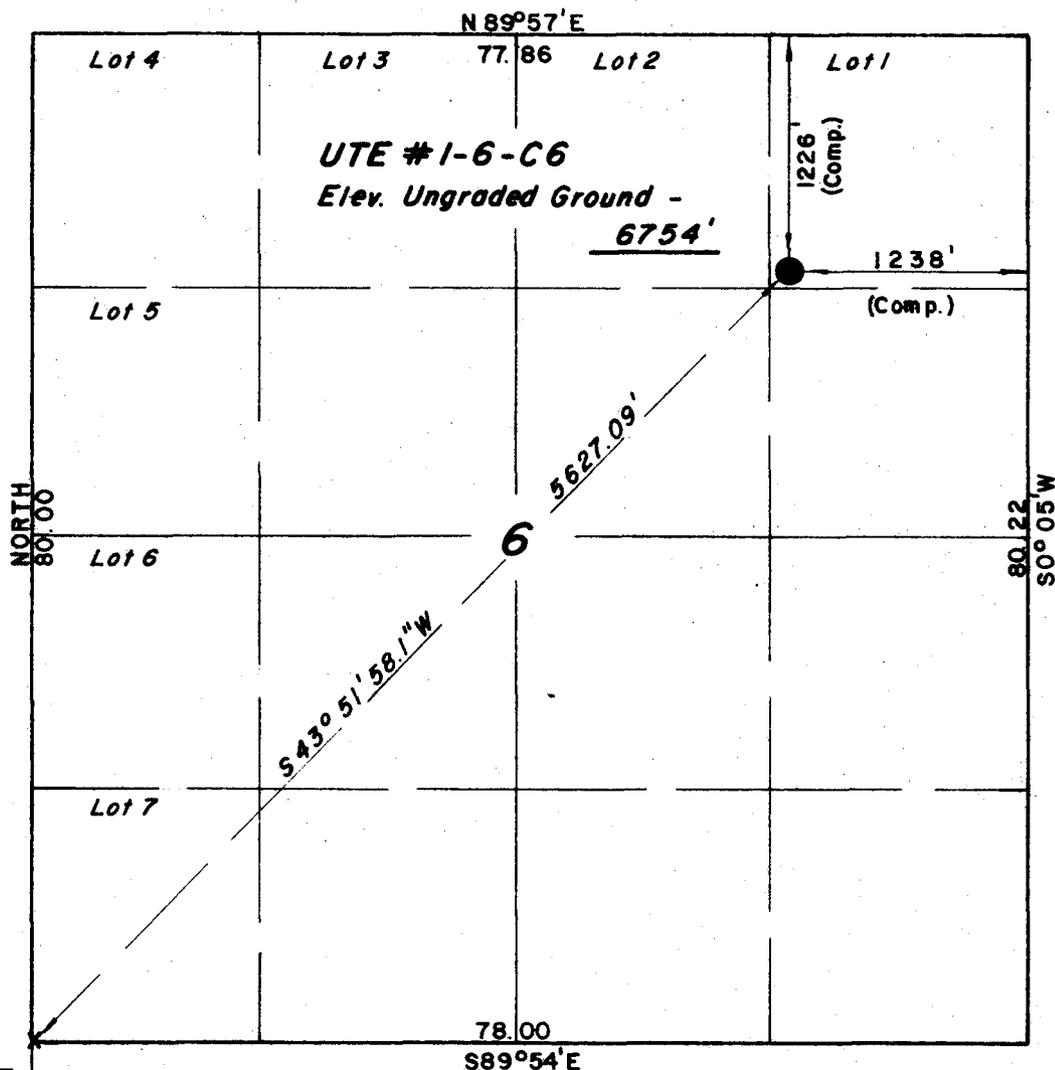
T 3 S , R 6 W , U . S . B . & M .

PROJECT

DIAMOND SHAMROCK

Well location, *UTE #1-6-C6*,
located as shown in Lot 1, NE 1/4,
NE 1/4 Section 6, T3S, R6W, U.S.B.&M.
Duchesne County, Utah.

BEST COPY AVAILABLE



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.

Lawrence C. Kay
REGISTERED LAND SURVEYOR
REGISTRATION NO 3137
STATE OF UTAH

X = Section Corners Located

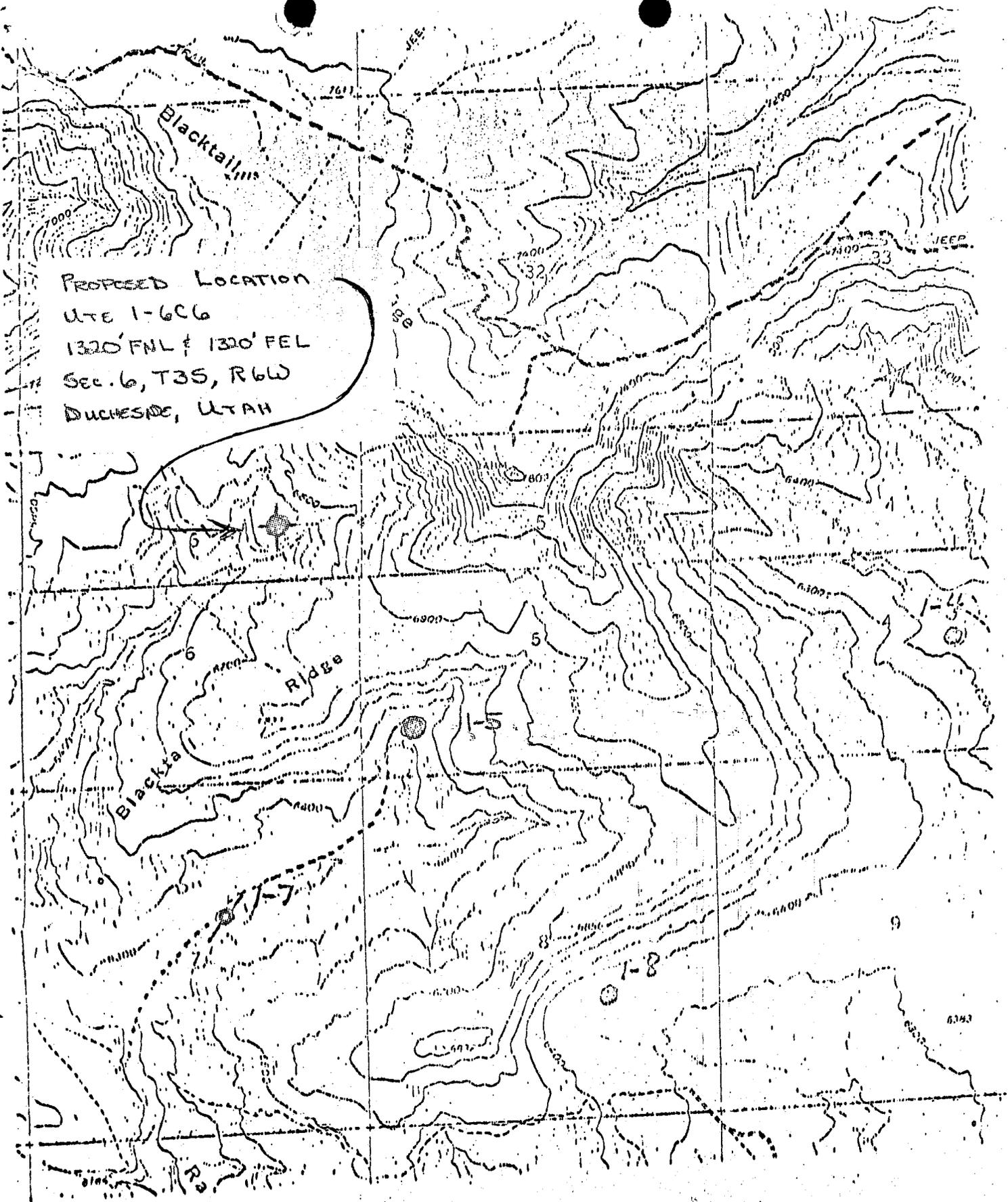
Basis of Bearings
NORTH - 2620.31

X - West 1/4 Corner Section 7, T3S, R6W, U.S.B.&M.

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 2 / 19 / 79
PARTY RK TJ BW MS SH RP	REFERENCES GLO Plat
WEATHER cool	FILE DIAMOND SHAMROCK

PROPOSED LOCATION
UTE 1-6C6
1320' FNL & 1320' FEL
Sec. 6, T35, R6W
Duchesne, UTAH



GEOLOGICAL CASING AND BOPE DATA

1. SURFACE FORMATION -

Duchesne River

2. ESTIMATED FORMATION TOPS -

Mahany Ledge	6284'
B Marker	7684'
Douglas Creek	8464'
Upper Black Shale	8939'
Wasatch	9521'
T D	12500'

3. EXPECTED MINERAL BEARING FORMATION -

Wasatch - Oil & Gas
No front water below 300'
No known mineral deposits will be penetrated.

4. PROPOSED CASING PROGRAM -

A. Surface casing - 9 5/8" 36# ST&C, K55, 1000'
B. Intermediate - 7", 23#, & 26#, S95 & K55, 10C, 9600'
C. Production casing - 4 1/2", 13.50#, L10C, 9400' - 12,500'

5. BLOWOUT PREVENTORS -

10" 1500 series
Double gate Schafer with a hydril

6. CIRCULATING MEDIUM -

Air and water to 5000'
Light mud-chemical gel
Dispersed chemical gel 12# per gal

7. AUXILLARY EQUIPMENT -

Upper and lower Kelly Cock
Float will be used as needed
Automatic monitoring of mud pit
Full opening - stabbing valve will be on floor at all times
Remote control choke
Degasser

8. TESTING, LOGGING AND CORING PROCEDURES -

Drill stem tests - none
Coring - none
IES, density and sonic

GEOLOGICAL CASING AND BOPE DATA

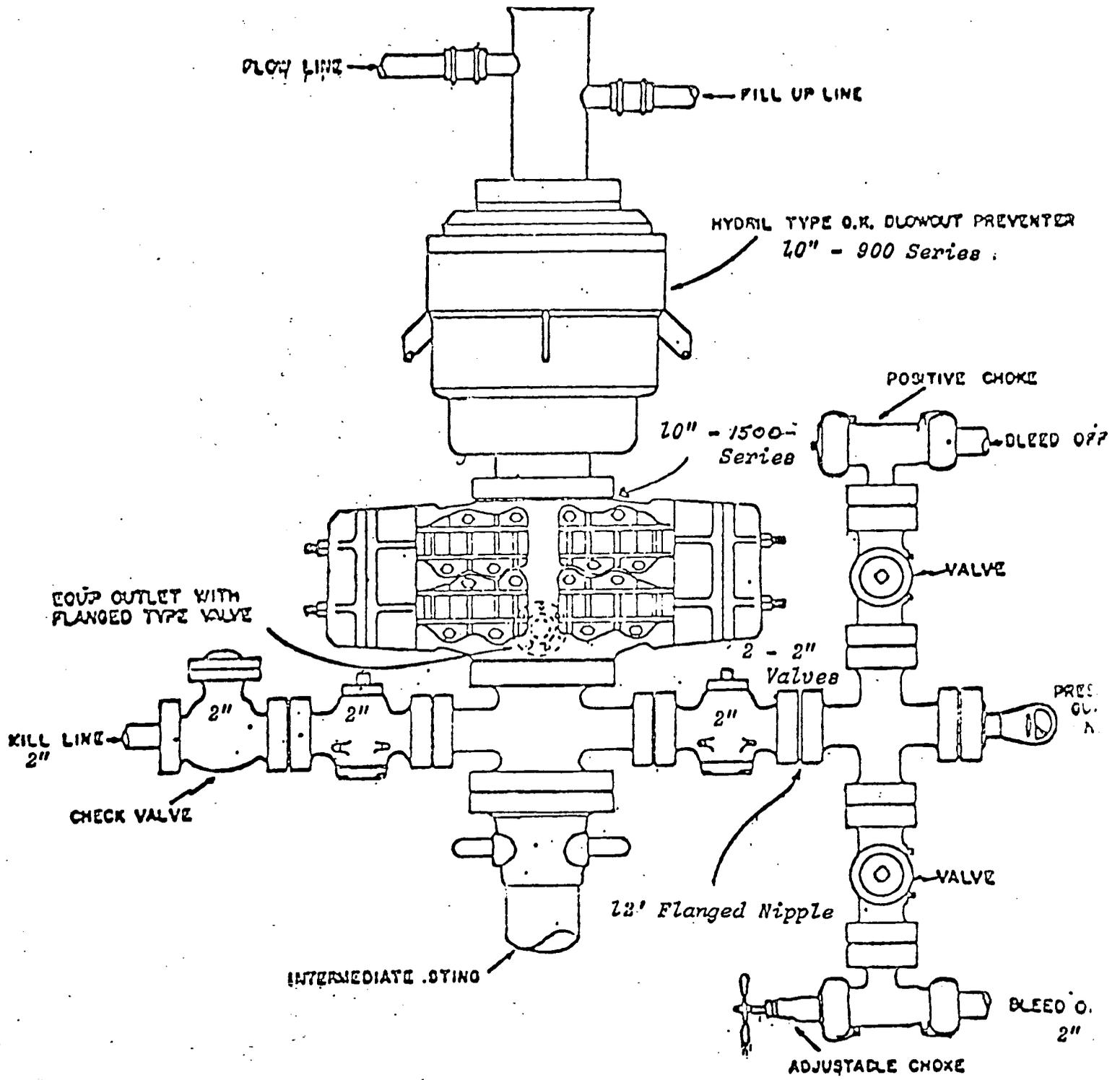
CONTINUED:

9. ANTICIPATED HAZARDS -

Abnormal pressure: Possible 12# to gal. pressure gradient in the Wasatch
Temperatures: none anticipated
Sulfide gas: none anticipated

10. ANTICIPATED STARTING DATE -

March 25, 1979



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

Diag. A

DIAMOND SHAMROCK
13 Point Surface Use Plan
for
Well Location
Ute #1-6C6
Located In
Section 6, T3S, R6W, U.S.B. & M.
Duchesne County, Utah

DIAMOND SHAMROCK
Ute #1-6C6
Section 6, T3S, R6W, U.S.B. & M.

1. EXISTING ROADS

See attached Topographic Map "A", to reach the Diamond Shamrock well location, Ute #1-6 C6, located in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 6, T3S, R6W, U.S.B. & M. from Duchesne, Utah.

Proceed Westerly out of Duchesne, Utah 6.6 miles on U.S. Highway 40, to its junction with the old U.S. Highway 40 to the Northeast; proceed Northeasterly along this road 2000' to the junction of this road and an oil field road to the North proceed North along this road 1.33 miles to its junction with a road to the Northwest; proceed Northwesterly along this road 4.39 miles to its junction with a road to the North; proceed Northerly along this road 1.7 miles to its junction with a road to the Northeast to the existing Ute #1-5C6; proceed Northeasterly along this road 1 mile to the point that the proposed access road (to be discussed in item #2) leaves the existing road and proceeds in a Northerly direction to the proposed location site.

At the present time there is no major construction anticipated along any portion of the above described road.

The road will be maintained and kept at the necessary standards required for an orderly flow of traffic during the drilling, completion, and production activities of this location.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The planned access road leaves the existing road described in item #1 in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 7, T3S, R6W, U.S.B. & M.; and proceeds in a Northerly direction 2.1 miles to the proposed location site.

In order to facilitate the anticipated traffic flow necessary to drill and produce this well, the following standards will be met:

This 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 any normal meteorological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be $1\frac{1}{2}$ to 1 slopes and terraced.

The road will be centerline flagged prior to the commencement to construction.

The grade of this road will vary from flat to 8%, but will not exceed this amount. This road will be constructed from native borrow accumulated during construction.

DIAMOND SHAMROCK
Ute #1-6C6
Section 6, T3S, R6W, U.S.B. & M.

2. PLANNED ACCESS ROAD - continued

If deemed necessary by the local governmental agencies or their representatives turnouts will be installed for safety purposes every 0.25 miles or on the top of ridges that will provide the greatest sight distance. These turnouts will be 200' in length and 12' in width and will be tapered from the shoulder of the road for a distance of 50' in length at both the access and the outlet end.

Any fences that are encountered along this access road will be cut and replaced with a cattleguard with a minimum width of 18' and a loading factor large enough to facilitate the heavy trucks required in the drilling and production of this well.

If cattleguards are to be located at existing gates, they will be installed with the above requirements and with a new gate installed at one end of the cattleguard.

The access from the road to the gate will be of such a nature that there will be no impedance of traffic flow along the main access road and no difficulties encountered by traffic utilizing the gate, either leaving or entering the proposed access road.

There are four drainages along this route that will require the installation of culverts, the sizes that will be required will be from an 18' C.M.P. to approximately a 48" C.M.P. to be determined and approved by the governmental agencies involved.

These culverts will be of heavy enough gage and installed in such a manner that they will not impede the water flow under the normal meteorological conditions prevalent to this area and will facilitate the heavy traffic flow required.

The terrain that this road traverses is up the side and along the summit of Black Tail Mountain and is vegetated with juniper and pinion pine trees, sagebrush, bitterbrush and some grasses.

3. LOCATION OF EXISTING WELLS

See Topographic Map "B".

There is one existing producing well within a one mile radius of this location site, it is located in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 5, T3S, R6W, U.S.B.M., there is also one abandoned well located in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 7, T3S, R6W, U.S.B. & M. There are no water wells, temporarily abandoned wells, disposal wells, drilling wells, shut in wells, injection wells, monitoring or observation wells for other resources within a one mile radius of this proposed location site.

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

There is a tank battery, and production facilities at Diamond Shamrock well location Ute #1-5C6 located in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ Section 5, T3S, R6W, U.S.B. & M. There are no oil gathering lines, gas gathering lines, injection lines, or disposal lines belonging to Diamond Shamrock within a one mile radius of this location site.

All petroleum production facilities are to be contained within the area shown on the location layout sheet. These facilities will be constructed using bull dozers, graders, and workman crews to lay lines and place tanks.

DIAMOND SHAMROCK
Ute #1-6C6
Section 6, T3S, R6W, U.S.B. & M.

4. LOCATION OF EXISTING AND PROPOSED FACILITIES - continued

It is not known at this time the location of lines from this location to existing facilities, in the event production is established plans will be submitted to the appropriate authorities.

The rehabilitation of the disturbed area that is not required for the production of this well, will meet the requirements of Items #7 and #10 and these requirements and standards will be adhered to.

5. LOCATION AND TYPE OF WATER SUPPLY

Water for this location will be taken from an existing loading dock on Starvation Reservoir in the S $\frac{1}{2}$ of Section 25, T3S, R6W, U.S.B. & M., 9.9 road miles Southeast of the proposed location site.

If this water source is not available then the necessary arrangements will be made and all concerned parties will be notified.

There will be no water well drilled.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during construction of the location site and access road. No additional road gravel or pit lining material 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.

All ground used in this road and location site are under B.I.A. jurisdiction.

7. METHODS FOR HANDLING WASTE DISPOSAL

See location layout sheet.

A reserve and burn pit will be constructed.

The reserve pit will be approximately 8' deep and at least one-half of this depth shall be below the surface of the existing ground.

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, 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 at such time as deemed necessary to protect the water fowl, wildlife and domesticated animals.

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

DIAMOND SHAMROCK
Ute #1-6C6
Section 6, T3S, R6W, U.S.B. & M.

7. METHODS FOR HANDLING WASTE DISPOSAL - continued

When the reserve pit dries and the 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.

The burn pits will be constructed and fenced on all four sides with a small mesh wire to prevent any flammable materials from escaping and creating a fire hazard.

All flammable materials will be burned and then buried upon completion of this well.

A portable chemical 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 location layout sheet.

The Ute Tribal District Manager, Federal and State Representatives, 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 material necessary to make it safe and tight.

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 pit shall be buried with a minimum of 5' of covering.

As mentioned in Item #7, the reserve pit will be completely fenced and wire and overhead wire and flagging installed, if there is oil in the pits, and then allowed to completely dry before covering.

Restoration activities shall begin within 90 days after completion of this well. Once completion 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 Ute Tribal District Manager, Federal and State Representatives, when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most

DIAMOND SHAMROCK
Ute #1-6C6
Section 6, T3S, R6W, U.S.B. & M.

10. PLANS FOR RESTORATION OF SURFACE - continued

workmanlike manner, and in strict conformation with the aboved mentioned Items #7 and #10.

11. OTHER INFORMATION

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

The area is located in the Uintah Basin which is formed by the Uinta Mountains to the North and the Book Cliff Mountains to the South with the Duchesne River flowing through the Basin floor, into the Green River.

The area is interlaced with numerous canyons, ridges and plateaus of which the sides are extremely steep with numerous ledges formed in sandstones and conglomerates.

The soils in this semi-arid area are of the Uinta Formation from the Eocene Epoch (Tertiary Period) and the Duchesne River formation Lower Eocene Epoch (Tertiary-Period) and consists of light brownish gray clays (OL) to sandy soils (SM-ML) with poorly graded gravels.

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

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

The Duchesne River flows from the Northwest to the Southeast and is approximately three miles North of the location.

The Strawberry River lies approximately 7 miles to the South of the location and drains to the East into Duchesne River which is a tributary of the Green River to the Southeast.

Due to the low precipitation average, climate conditions and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in, it consists of pinion pine, juniper trees, sagebrush, bitterbrush, rabbitbrush, some grasses, and cacti.

The fauna of the area consists predominatly of the mule deer, coyotes, rabbits and varieties of small ground squirrels and other types of rodents.

The area is used by man for the primary purposes of grazing, domesticated 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").

Well location #1-6C6 sits on the south slope of Blacktail Mountain in a steep area which slopes Northwesterly into a non-perennial drainage which drains into Starvation Reservoir which is fed by Strawberry River.

DIAMOND SHAMROCK
Ute #1-6C6
Section 6, T3S, R6W, U.S.B. & M.

11. OTHER INFORMATION - continued

The terrain in the immediate vicinity of the well site slopes from the top of the ridge to the South, down through the location to the Northwest at approximately a 5% grade to the edge of mountain and then falls steeply into a non-perennial wash which is a tributary to the Strawberry River.

All the washes and draws in the immediate area are of a non-perennial nature.

The Geologic Structure visible in the immediate area is of the Duchesne River formation and consists of redish-brown sandy clay type topsoil.

The vegetation in the immediate area surrounding the location site is predominantly pinion pine, juniper trees, sagebrush, and grasses.

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

All surface disturbance is on B.I.A. lands and is under their jurisdiction.

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
5730 West Yellowstone Highway
Casper, Wyoming 82601

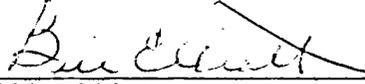
TELE: 1/307/266-1882

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, and its contractor and sub-contractors in conformity with this plan and terms and conditions under which it is approved.

Date

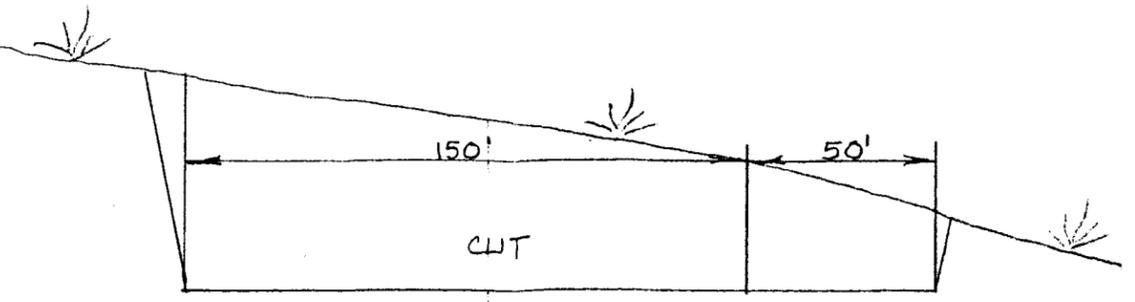
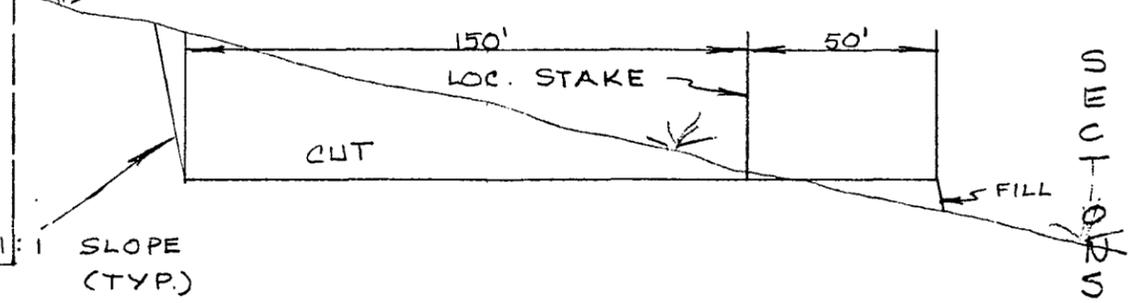
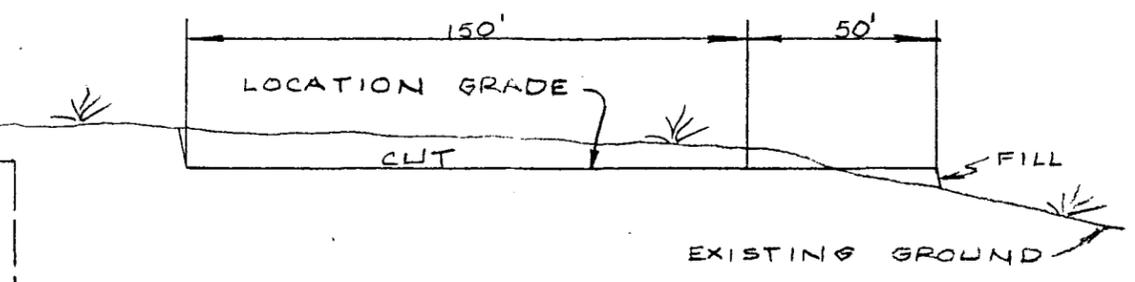
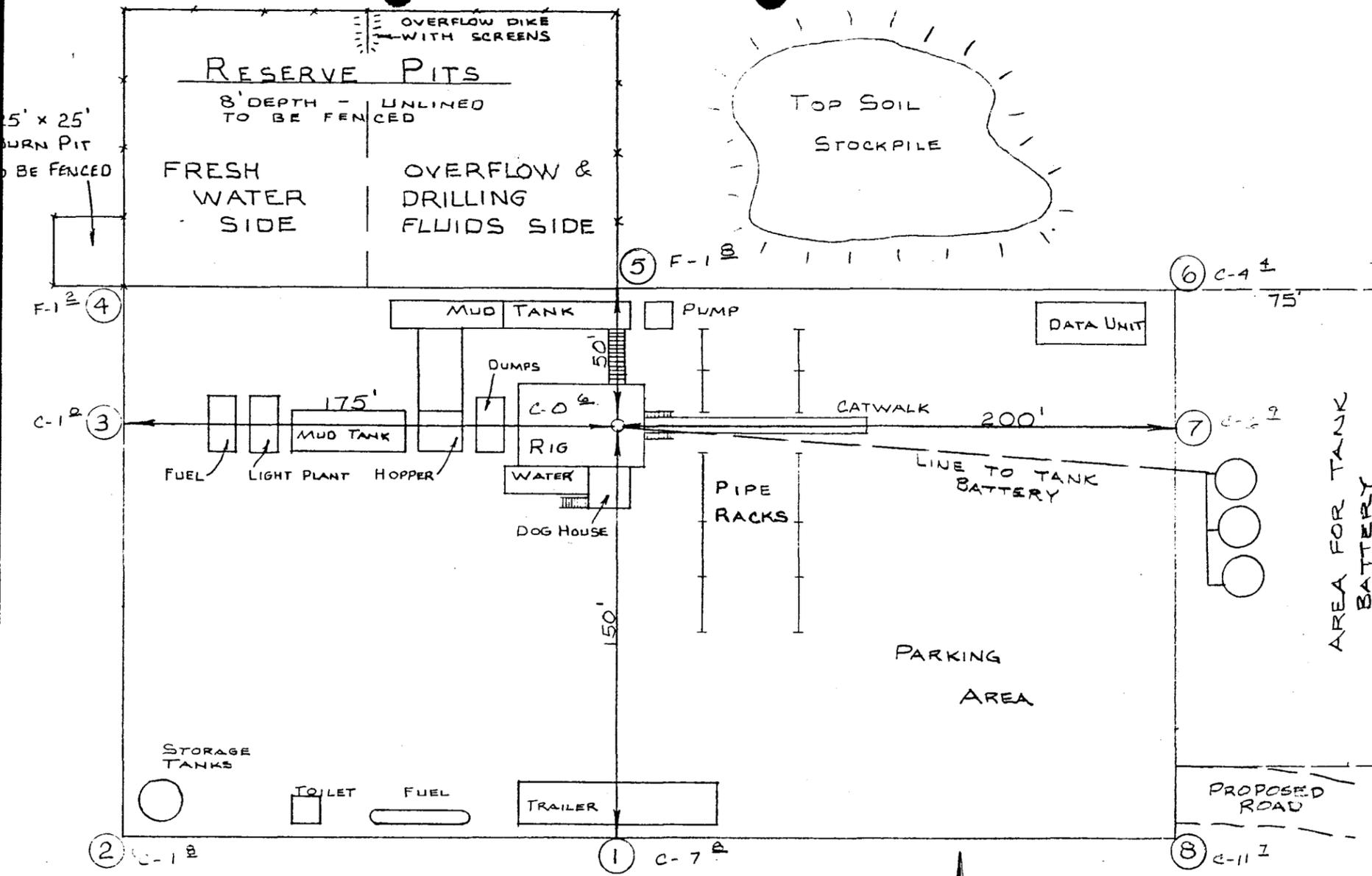
2/21/79


Bill Elliot

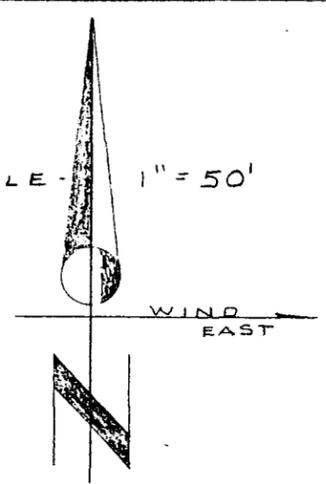
DIAMOND SHAMROCK

UTE # 1-6 C 6

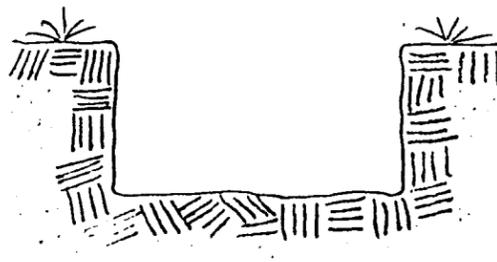
LOCATION LAYOUT & CUT SHEET



SCALE - 1" = 50'



SOILS LITHOLOGY
- NO SCALE -



LIGHT BROWN SANDY CLAY

1" = 10'
SCALES
1" = 50'

APPROX. YARDAGES

CUT - 11,818 CU. YDS.

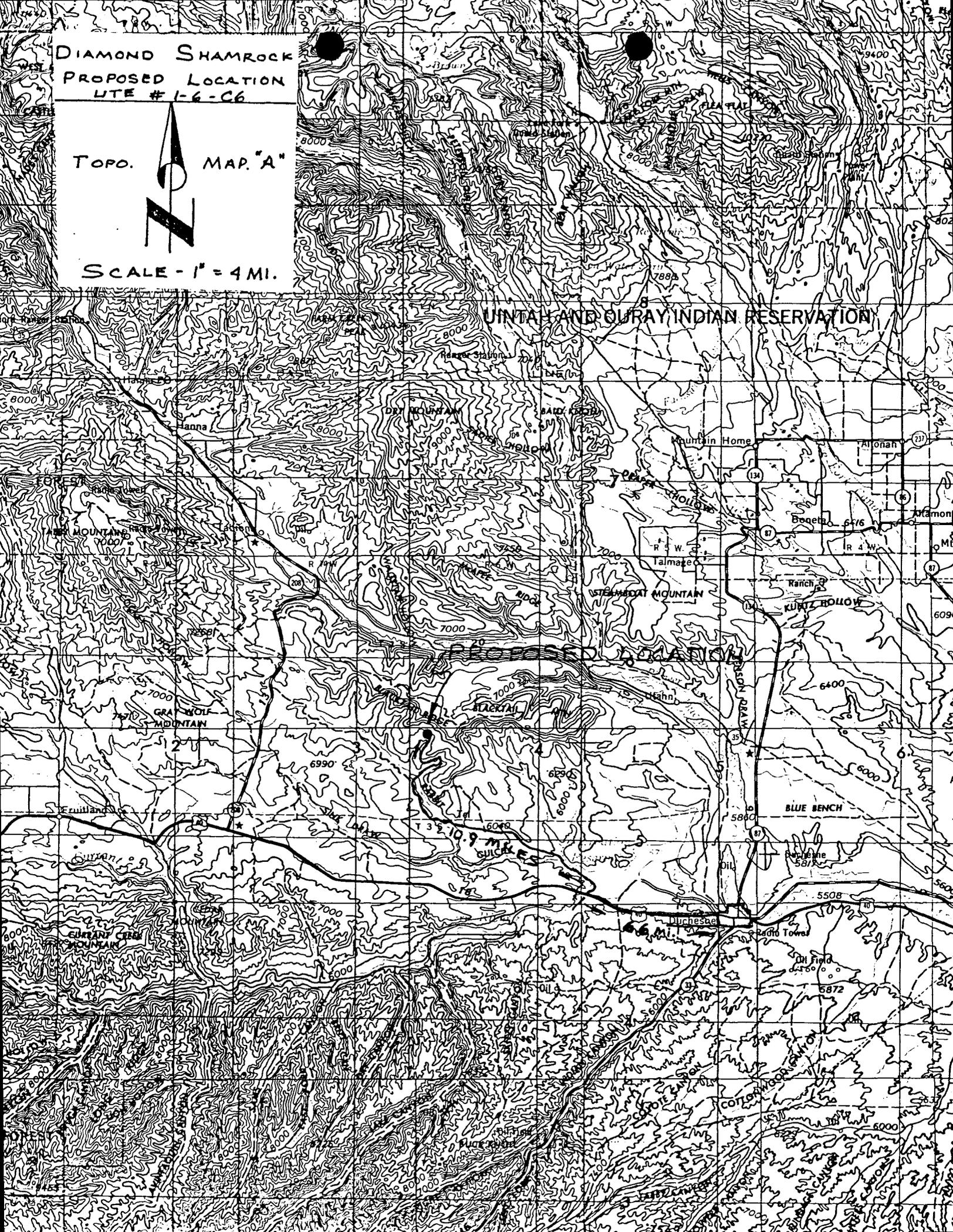
FILL - 282 CU. YDS.

DIAMOND SHAMROCK
PROPOSED LOCATION
LTE # 1-6-C6

TOPO. MAP. "A"



SCALE - 1" = 4 MI.



STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: Feb. 26.

Operator: Diamond Shamrock

Well No: Ute 1-606

Location: Sec. 6 T. 3S R. 6W County: Duchesne

File Prepared: Entered on N.I.D.:

Card Indexed: Completion Sheet:

API Number: 43-013-30396

CHECKED BY:

Administrative Assistant: [Signature]

Remarks: Re: well previously filed in 1979; Rec. abandoned
not paying M 3-5-79

Petroleum Engineer: [Signature]

Remarks: [Signature]

Director: [Signature]

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: Survey Plat Required:

Order No. 134-8 [Signature] Surface Casing Change
to _____

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

O.K. Rule C-3 O.K. In _____ Unit

Other:

[Signature] Letter Written/Approved



SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH

CHARLES R. HENDERSON
Chairman

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
Director

1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE McINTYRE

March 7, 1979

*Diamond Shamrock Corporation
Box 631 - 5730 W. Yellowstone
Amarillo, Texas - Casper, Wyo. 26001*

Re: Well No. Ute 1-6C6
Sec. 6, T. 3 S, R. 6 W, USM
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the Order issued in Cause No. 139-8.

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: Geological Engineer
HOME: 876-3001
OFFICE: 533-5771

Enclosed please find Form OGC-8-x, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

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 43-013-30396.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
Director

cc: U.S. Geological Survey

MAR 12 1980



SCOTT M. MATHESON
Governor

OIL, GAS, AND MINING BOARD

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Executive Director,
NATURAL RESOURCES

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
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EDWARD T. BECK
E. STEELE McINTYRE

CLEON B. FEIGHT
Director

March 10, 1980

Diamond Shamrock
5730 West Yellowstone
Casper, Wyoming 82601

Re: Well No. Ute #1-6-C6
Sec. 6, T. 3S, R. 6W.
Duchesne County, Utah

Gentlemen:

In reference to 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 we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill this well and action will be taken to terminate the application. If you plan on drilling this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

JANICE TABISH
CLERK TYPIST

RECEIVED
MAR 21 1980

DIVISION OF
OIL, GAS & MINING

United States Department of the Interior
Geological Survey
8440 Federal Building
Salt Lake City, Utah 84138

Usual Environmental Analysis

Lease No. 14-20-H62-2481

Operator Diamond Shamrock

Well No. 1-6-C6

Location 1226' ENL & 1238' FEL NENE Sec. 6 T. 3S R. 6W

County Duchesne State Utah Field Wildcat

Status: Surface Ownership Private Minerals Ute Tribal

Joint Field Inspection Date March 14, 1979

Participants and Organizations:

<u>George Diwachak</u>	<u>U.S. Geological Survey, Salt Lake City</u>
<u>Craig Hansen</u>	<u>U.S. Geological Survey, Salt Lake City</u>
<u>Lynn Hall</u>	<u>Bureau of Indian Affairs, Ft. Duchesne</u>
<u>Bill Elliot</u>	<u>Diamond Shamrock</u>
<u>Gene Stewart</u>	<u>Uintah Engineering</u>
<u>Floyd Murray</u>	<u>Casada Construction Company</u>
<u>Dallas Gallery</u>	<u>Casada Construction Company</u>

Related Environmental Analyses and References:

- (1) EA No. 1181
- (2) EA No. 081-79

Analysis Prepared by:

George Diwachak
Environmental Scientist
Salt Lake City, Utah

and

Craig Hansen
Environmental Scientist
Vernal, Utah

Date: March 16, 1979

Noted - G. Diwachak

*Pad 200 x 325
Pit 100 x 175
Add for Prod Fac 75 x 175
2.1 mi new access
Stockpile topsoil
900 Survey Report
See Mitigation (a-f)
Pg 6*

Proposed Action:

On February 23, 1979, Diamond Shamrock filed an Application for Permit to Drill the No. 1-6-C6 exploratory well, an 12,500-foot oil and gas test of the Wasatch Formation; located at an elevation of 6754 ft. in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 6, T. 3S., R. 6W., USB&M on Tribal mineral lands and Private surface; lease No. 14-20-H62-2481. There was no objection raised to the wellsite nor to the access road. Access to the location would require the construction of three turnouts due to the rugged terrain traversed and curving nature of the proposed road. The dendritic drainage patterns of the area would also require five culverts to insure road integrity and reduce potential erosional effects. See attached map for turnout and culvert locations. Culvert sizes are also indicated on the map.

←
 objection
 by Skaggs
 to access
 loc in NE $\frac{1}{4}$
 Ltr 3/15/79

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Fresh-water sands and other mineral-bearing formations would be protected. A Blowout Preventor would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface Plan are on file in the USGS District Office in Salt Lake City, Utah and the USGS Northern Rocky Mountain Area Office in Casper, Wyoming. The 13-Point Surface Protection Plan is on file in the District Office in Salt Lake City.

A working agreement is being reached with the controlling surface owner. Rehabilitation plans would be decided upon as the well nears completion; the Surface Management Agency of the area would be consulted for technical expertise on those arrangements.

in process

The operator proposes to construct a drill pad 200 ft. wide x 375 ft. long and a reserve pit 100 ft. x 175 ft. In the event that production is established, an additional area (75 ft. x 175 ft.) would be required to accommodate production facilities. A new access road would be constructed 18 ft. wide x 2.1 miles long from a maintained road. Road construction would require some blasting near a rock ledge. However, in order to keep grades less than 8%, this action is unavoidable.

If gas production is established, plans for a gas flowline would be submitted to the appropriate agencies for approval. The anticipated starting date is upon approval and duration of drilling activities would be about 90 days.

Location and Natural Setting:

The proposed drillsite is approximately 17.5 miles northwest of Duchesne, Utah, the nearest town. A fair road runs to within 2.1 miles of the location. This well is a wildcat.

Topography:

Area topography consists of rugged, mountainous ridges and benches interlaced with numerous canyons and drainages. The proposed location is situated on a relatively flat ridge surrounded by receding clifflike structures.

Geology:

The surface geology is Duchesne River Formation. The soil is sandy with lenticular clay lenses and conglomerate outcrops. No geologic hazards are known near the drillsite. Seismic risk for the area is minor based on historic evidence. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

Approval of the proposed action would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs would be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation would exist and is possible in the sandstone units. Loss of circulation may result in the lowering of the mud levels, which might permit exposed upper formations to blow out or to cause formation to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep in to the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

A geologic review of the proposed action has been furnished by the Area Geologist, U.S. Geological Survey, Salt Lake City, Utah.

The operator's drilling, cementing, casing and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

Soils:

No detailed soil survey has been made of the project area. The top soils in the area range from a sandy clay to a clay type soil. The soil is subject to runoff from rainfall and has a medium runoff potential and sediment production would be moderate. The soils are mildly to moderately alkaline and support the pinon-juniper association.

Top soil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed areas when abandoned to

aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access roads per the recommendations of the surface owners.

Approximately 9 acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, reseeding of slope-cut area would minimize this impact.

Air:

No specific data on air quality is available at the proposed location. There would be a minor increase in air pollution due to emissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

Relatively heavy traffic would be anticipated during the drilling-operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

Toxic or noxious gases are not be anticipated.

Precipitation:

Annual rain fall should range from about 10 to 15" at the proposed location. The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during early spring runoff and during extremely heavy rain storms. This type of storm is rather uncommon as the normal annual precipitation is around 12".

Winds are medium and gusty, occurring predominately from west to east. Air mass inversions are rare. The climate is semi-arid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis.

Surface Water Hydrology:

Drainage is toward Rabbit Gulch which flows in a southeasterly direction to Starvation Reservoir approximately 10 miles from the proposed location.

Access construction would involve blasting, which would result in the loss of rock material into Rabbit Gulch, thus increasing erosion temporarily.

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. The proposed project should have minor impact on the surface water systems. The potentials for pollution would be present from leaks or spills. The operator is required to report and clean-up all spills or leaks.

Ground Water Hydrology:

Some minor pollution of ground water systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination and comingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basic information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B. The depths of fresh water formations are listed in the 10-Point Subsurface Protection Plan. There would be no tangible effect on water migration in fresh water aquifers. The pits would be unlined unless conglomeratic materials are encountered during construction. If fresh water should be available from the well, the owner or surface agency may request completion as a water well if given approval.

Vegetation:

Location vegetation consists of a dense stand of juniper trees with an understory of native grasses and cacti.

Plants in the area are of the pinon-juniper association.

Proposed action would remove about 9 acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing. Blasting during access road construction and the subsequent loss of rock material into the canyon could have an impact on vegetation at lower elevations.

The operator proposes to rehabilitate the surface upon completion of operations.

Wildlife:

The fauna of the area consists predominantly of mule deer, coyotes, rabbits, foxes, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep. The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

No endangered plants or animals are known to inhabit the project area.

Social-Economic Effect:

An on the ground surface archaeological reconnaissance would be required prior to approval of the proposed action. Appropriate clearances would then be obtained from the surface managing agency. If a historic artifact, an archaeological feature or site is discovered during construction operations; activity would cease until the extent, the scientific importance, and the method of mitigating the adverse effects could be determined by a qualified cultural resource specialist.

There are no occupied dwellings or other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the lifetime of the project and is judged to be minor. All permanent facilities placed on the location would be painted a color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to pre-drilling levels.

The site is not visible from any major roads. After drilling operations, completion equipment would be visible to passersby of the immediate area but would not present a major intrusion.

The economic effect on one well would be difficult to determine. The overall effect of oil and gas drilling and production activity are significant in Duchesne County.

But should this well discover a significant new hydrocarbon source, local, state, and possible national economics might be improved. In this instance, other development wells would be anticipated, with substantially greater environmental and economic impacts.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface owner's requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment.

Starvation Reservoir is located approximately 10 miles southeast of the proposed site.

There are no other national, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

Waste Disposal:

The mud and reserves pits would contain all fluids used during the drilling operations. A trash pit would be utilized for any solid wastes generated at the site and would be buried at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

Alternative to the Proposed Action:

(1) Not approving the proposed permit-The oil and gas lease grants the lessee exclusive right to drill for, mine, extract, remove and dispose of all oil and gas deposits. Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under USGS and other controlling agencies supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of oil and gas should be taken into consideration. Therefore, the alternative of not proceeding with the proposed action at this time is rejected.

(2) Minor relocation of the wellsite and access road or any special, restrictive stipulations or modifications to the proposed program would not significantly reduce the environmental impact. There are no severe vegetative, animal or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

(3) Drilling should be allowed provided the following mitigating measures are incorporated into the proposed plan and adhered to by the operator:

a. Three turnouts would be required to permit proper and safe access to the location. See attached map for approximate turnout locations.

b. Four 18" x 30 ft., and one 24" x 30 ft. culverts would be necessary on the proposed access road to reduce erosional hazards. See attached map for culvert locations.

c. The southeast edge of the proposed drillpad (Corner No. 8) lies approximately 30 to 40 ft. from the edge of a steep cliff. A buffer zone of trees should not be disturbed in order to stabilize erosion. It is also recommended that grass seed be spread on the buffer zone after pad construction to increase erosional stabilization.

- d. The removal of trees from the pad area should be to the north, northwest, away from the cliff edge near the south side of the pad.
- e. The reserve pits would be unlined, unless conglomeratic materials are encountered during construction and inadequate fill material for compaction is available.
- f. Rehabilitation stipulations as submitted by the surface owners.

Adverse Environmental Effects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately 9 acres of land surface for the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. The potential for fires, gas leaks, and spills of oil and water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for sub-surface damage to fresh water aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplaceable and irretrievable commitment of resources would be made. Erosion from the site would eventually be carried as sediment in Starvation Reservoir. The potential for pollution to Rabbit Gulch would exist through leaks and spills.

Determination:

This requested action ~~does~~ does not constitute a major Federal action significantly affecting the environment in the sense of NEPA, Section 102(2)(C).

(Subject to resolution of surface use w/ Pt Sur Owner in NS/Y Sec 6-35-6W)

3/20/79
Date

E. S. [Signature]
District Engineer
U.S. Geological Survey
Conservation Division
Oil and Gas Operations
Salt Lake City District



Diamond Shamrock

Oil and Gas Unit

State of Utah
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

Re: Well No. Ute #1-6C6
Sec. 6, T3S, R6W
Duchesne County, Utah

Attn. Janice Tabish:

The above referenced well was spudded on 7/27/79 according to our records. Our general policy at the time of spudding is to notify the State and U.S. Geological Survey of the spudding verbally by telephone.

If we can be of any further assistance please let us know.

Sincerely,

Wes Childers
Dist. Drlg. Supt.

WC:lj

RECEIVED
MAR 21 1980

DIVISION OF
OIL, GAS & MINING

STATE OF UTAH

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

OIL & GAS CONSERVATION COMMISSION

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
Diamond Shamrock Corporation

3. ADDRESS OF OPERATOR
5730 W. Yellowstone Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 1226' FNL & 1238' FEL, NE NE
At top prod. interval reported below
At total depth

14. PERMIT NO. 43-013-30396 DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO. 14-20-H62-2481
6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME Ute
9. WELL NO. 1-606
10. FIELD AND POOL, OR WILDCAT Undesignated Field Wasatch
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 6, T3S, R6W

12. COUNTY OR PARISH Duchesne 13. STATE Utah

15. DATE SPUNDED 7/27/79 16. DATE T.D. REACHED 10/17/79 17. DATE COMPL. (Ready to prod.) 12/2/79 18. ELEVATIONS (DF, REB, RT, OR, ETC.)* 6754' GR. 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 12,720' 21. PLUG, BACK T.D., MD & TVD 12,675' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 10,264' to 12,595' Wasatch 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction, SFL, Sonic, Gamma Ray, CBL 27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9 5/8"	36#	1,021'	12 1/4"	428 sxs.	
7"	29# & 26#	9,530'	8 3/4"	300 sxs.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
4 1/2"	9,276'	12,715'	195	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	9,250'	9,250'
2 1/16"	9,144'	heat string

31. PERFORATION RECORD (Interval, size and number) 10,264'-12,595' .48=321

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
10,264' to 12,595'	84,000 gal. MSR-100 fluid.

33.* PRODUCTION

DATE FIRST PRODUCTION 11-27-79 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping Hydraulic WELL STATUS (Producing or shut-in) Producing

DATE OF TEST 12/3/79 HOURS TESTED 24 CHOKER SIZE NA PROD'N. FOR TEST PERIOD 497 OIL—BBL. 497 GAS—MCF. 487 WATER—BBL. 61 GAS-OIL RATIO 980-1

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE 497 OIL—BBL. 497 GAS—MCF. 61 WATER—BBL. 61 OIL GRAVITY-API (CORR.) 40.0 @ 60

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Fuel & Vented

35. LIST OF ATTACHMENTS

TEST WITNESSED BY Bill Elliott

RECEIVED APR 4 1980

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED [Signature] TITLE Dist. Div. Chief DATE 4/8/80

DIVISION OF OIL, GAS & MINING

*(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 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.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
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			
NAME	MEAS. DEPTH	TOP	FROM VERT. DEPTH
Mahaovy Ledge	6,284'		
B. Marker	7,684'		
Douglas Creek	8,464'		
Wasatch	9,521'		

*Well Completed
(will send in well
completion)*

March 25, 1980

Diamond Shamrock
5730 West Yellowstone
Casper, Wyoming 82601

attending John Schmidt

Re: Well No. Ute #1-6-C6
Sec. 6, T. 3S, R. 6W.
Duchesne County, Utah
Months due: Aug. 1979-Feb. 1980

Gentlemen:

According to a letter dated 3-21-80, the above mentioned well was spudded in 7-27-79. Therefore the monthly drilling reports for the months indicated above are due.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

Janice Tabish
JANICE TABISH
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
DIAMOND SHAMROCK CORPORATION

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1226' FNL & 1238' FEL
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

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

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
PULL OR ALTER CASING
MULTIPLE COMPLETE
CHANGE ZONES
ABANDON*
(other)

SUBSEQUENT REPORT OF:

5. LEASE
14-20-H62-2481

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
UTE TRIBE

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
UTE

9. WELL NO.
1-6C6

10. FIELD OR WILDCAT NAME
CEDAR RIM

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SEC. 6, T3S, R6W

12. COUNTY OR PARISH | 13. STATE
DUCHESSNE | UTAH

14. API NO.
43-013-30396

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6754' GL

RECEIVED

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

DIVISION OF
OIL, GAS & MINING

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.)*

POOH w/existing production assembly & tubing strings. RIH and mill out permanent production packer and fish sandline from liner. Clean wellbore w/2100 gal. 15% HCL acid. Reperforate 13 apparently productive existing zones in the lower Wasatch formation, 10,258 to 12,418', gross interval. Perforate 4 potentially productive new zones in the upper Wasatch, 9,830 to 10,174', gross interval. Acid stimulate existing and new perforations with a three stage acid job. Swab and flow test well. Run production assembly back in hole to hydraulically pump well.

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

Subsurface Safety Valve: Manu. and Type _____

DATE: 8-10-82 _____ Ft.

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

Drilling and

SIGNED: [Signature] TITLE: Production ENG. DATE: 8-4-82

(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

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

3 M

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. 14-20-H62-2481
2. NAME OF OPERATOR SANTA FE ENERGY COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME UTE
3. ADDRESS OF OPERATOR 2600 Security Life Bldg/Denver, Colorado 80202		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 1226' FNL & 1238' FEL		8. FARM OR LEASE NAME UTE
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6754' GR 6766' KB	9. WELL NO. I-6C6
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		10. FIELD AND POOL, OR WILDCAT Cedar Rim/Wasatch
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.)*		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW 1/4 / NW 1/4 Sec 6-3S-6W
		12. COUNTY OR PARISH 13. STATE Duchesne Utah

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input checked="" type="checkbox"/>	

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

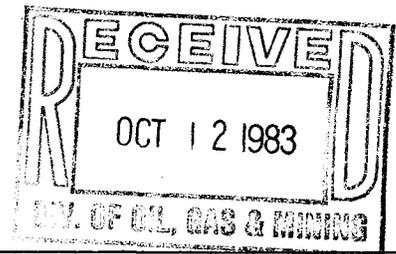
9-01-83: Change of ownership from:

Diamond Shamrock Corp.
5730 W. Yellowstone
Casper, Wyoming 82601

to:

Santa Fe Energy Company
2600 Security Life Building
Denver, Colorado 80202

Change of ownership on above captioned well was effective September 1, 1983.



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

SIGNED William F. Parks TITLE Dist. Production Eng. DATE October 10, 1983
William F. Parks
(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.
14-20-H62-2481

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
UTE

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
UTE

9. WELL NO.
1-6C6

10. FIELD AND POOL, OR WILDCAT
Cedar Rim/Wasatch

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
SW $\frac{1}{4}$ /NW $\frac{1}{4}$
Sec 6-3S-6W

12. COUNTY OR PARISH 13. STATE
Duchesne 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
SANTA FE ENERGY COMPANY

3. ADDRESS OF OPERATOR
2600 Security Life Bldg/Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

1226' FNL & 1238' FEL

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6754' GR 6766' KB

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"/>	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) <input type="checkbox"/>	

(Other) Pit Permit

(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.)*

At this site there is a small pit that has been available since the initial completion. Any fluid that might be released from a tank battery upset would be retained in the pit and removed within 48 hours.

Although little or no produced fluids have gone into this pit since the initial completion, we respectfully request permission to retain this pit as an emergency pit.

RECEIVED

MAY 26

DIVISION OF OIL
GAS & MINING

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

SIGNED William F. Parks TITLE Dist Production Engineer DATE May 22, 1984

(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.
14-20-H62-2481

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Ute

9. WELL NO.
#1-6C6

10. FIELD AND POOL, OR WILDCAT
Cedar Rim

11. SEC., T., R., M., OR BLE. AND SURVEY OR ABBA
SW $\frac{1}{4}$ /NW $\frac{1}{4}$
Sec 6 T3S-R6W

12. COUNTY OR PARISH 13. STATE
Duchesne 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
SANTA FE ENERGY COMPANY

3. ADDRESS OF OPERATOR
2600 Security Life Building/Denver, Colorado 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
1226' FNL & 1238' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether SP, ST, GR, etc.)
6754' GR 6766' KB

RECEIVED

SEP 14 1985

MINING

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 checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	(Other) _____

(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.)

1. Rig up service unit.
2. Install BOP.
3. Pull tubing.
4. Set CIBP @ 8100' w/2 sks of cement (above all Lower Green River/Wasatch perms - top perf @ 8138').
5. Take free point on 7" (cement top estimated @ 7900').
6. Cut off and pull 7".
7. Put 100' cement inside stub and 100' of cement above cut off.
8. Put 100' cement plug at top of Green River @ 3050'.
9. Put 25 sks plug at surface, and install marker.
10. Restore surface and seed w/approved mix.

Federal approval of this action is required before commencing operations.

ACCEPTED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 9/17/85
BY: John R. Day

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

SIGNED William F. Parks TITLE Dist Production Engineer DATE 9-13-85
WILLIAM F. PARKS

(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.
14-20-H62-2481

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
UTE

9. WELL NO.
#1-6C6

10. FIELD AND POOL, OR WILDCAT
Cedar Rim

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA
SW $\frac{1}{4}$ /NW $\frac{1}{4}$
Sec 6 T3S-R6W

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED

JAN 21 1986

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
SANTA FE ENERGY COMPANY

3. ADDRESS OF OPERATOR
2600 Security Life Building/Denver, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
1226' FNL & 1238' FEL

14. PERMIT NO. 4301330396

15. ELEVATIONS (Show whether of, to, or, etc.)
6754' GR 6766' KB

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"/>	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 checked="" 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.)

Per verbal approval:

Please see attached.

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 1-22-86
BY: John R. Daga

18. I hereby certify that the foregoing is true and correct
SIGNED William F. Parks TITLE District Production Eng. DATE 1/16/86
(This space for Federal or State office use)

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

SANTA FE ENERGY
UTE #1-6C6
Sec. 6 T3S-R6W
Duchesne Co., UTAH

Detail for Plug and Abandonment of captioned well:

10-03-85: Present Operation: Plan to P & A.

9 AM to 4 PM - Move Western Rig #29 & equipment from yard to location. Had to wait on backhoe to fill in bad spots in road before moving rig onto location. Spot rig in & equipment - too windy to raise derrick. Rig up mud lines & hook up pump, dig out cellar, lay mud lines & SDFN.

10-04-85: 7 AM to 8 PM. Rig up. Remove wellhead equipment. Install 6" x 5000 psi BOP w/2-1/16" offset rams. RU to pull tbg. Sting out of cavity w/2-1/16" tbg. Hook up & pump 30 bbls of hot produced water dn tbg to clean out. POOH. LD 253 jts 2-1/16" tbg & landing spear. Change all equipment from 2-1/16" to 2-7/8". Work for 1½ hrs to release Baker Lock-set @ 9498'. Start out of hole. LD 4 jts 2-7/8" 8rd & 10 jts 2-7/8" Buttress tbg. Stand 133 stds of 2-7/8" Buttress tbg in derrick for work string. LD National hydraulic cavity & 4 jts 2-7/8" Buttress tbg. Close well in & SDFW. Finished laying down production string. Rig up to set CIBP @ 8100' to P & A well.

10-08-85: Present Operation: Laying down 2-7/8" tbg. Getting ready to pump cmt on top plug.

Activity from 6 AM to 6 PM 10/7/85: TP 100#, CP 100#. Bled both off (gas). Finished laying down bottom part of production string, 19 jts 2-7/8" Buttress & 10 jts 2-3/8" 8rd tbg, & 1 Baker 4½" Lock-set pkr. Rig up Gearhart wireline truck & RIH w/7" 2326# CIBP set @ 8100'. RIH w/dump bailer & put 2 sxs cmt on top of CIBP. RD Gearhart. Make up saw-tooth collar & RIH on 266 jts 2-7/8" tbg to 7996'. Hook up to circulate. Pump 40 bbls of production water dn tbg. Started to return up casing. Circ clean. Mix up 300 bbls 9# mud in 100 bbl batches w/fresh water. Pump a total of 275 bbls of 9#+ mud. Spot to 1100'. Pull 15 stds off bottom & close well in for night.

10-09-85: Present Operation: Tried to re-cement top part of well to plug off 7" & 9-5/8" (suspect that cement job did not hold yesterday).

Activity from 7 AM to 4:30 PM (10/8/85): Laid down 216 jts 2-7/8" tbg. Stopped @ 1100'. Hook up & circulate clean w/production water. Finish trip out w/2-7/8" tbg. Rig up Gearhart & RIH to perforate squeeze holes. Perforated @ 1075' w/3-way shot. Rig down Gearhart. Hook up & pump dn 7" csg. Try to circulate up 9-5/8" surface pipe - could not get any returns. Pumped 180 bbls production water, pmpd 80 bbls dn 9-5/8" w/out any returns. Rig up Halliburton to pump cmt, trying to put plug between 900' & 1100' in 7" & 9-5/8" csg. Pmpd 100 sxs Class 'A' cmt dn 7", tried to circulate up 9-5/8". Pmpd 1st 30 sxs w/3% CaCl, pmpd a total of 21½ bbls of slurry. Spotted to perms w/42 bbls of flush - pump very slow. 7" on vacuum. Pump 5 extra bbls to flush past perms. Wait 10 mins - well still on a vacuum. Close well in & shut down for night.

10-10-85: Present Operation: Tried to finish cement job plugging top part of well. Placing 200' plug from 875'-1075' (BLM regulation).

Activity for 10/09/85 7 AM to 5 PM: Open well 9-5/8" & 7" csg - both on vacuum after cmt job yesterday. Hook up Halliburton to pump dn 7" csg & circulate out 9-5/8" csg. Pump 50 bbls of production water to get full returns. Capacity of both csgs 73.85 bbls. Mix up & pump 75 sxs of thixotropic cmt, 20½ bbls slurry. Mixed @ 14.7 ppg. Pump 35 bbls of flush w/full returns out 9-5/8". Cement 200' above perf @ 1075'. Shut down pumping. Well on a vacuum. Let set for 10 mins, pump 2 bbls of flush w/no rets - wait 10 mins more & pump 3 bbls flush w/no rets. Well still on a vacuum. Pump 2 more bbls flush & well still on vacuum. Perfs are cleared. Circulated 48 bbls to clear out any cmt out of backside. Lost 10 bbls fluid while circulating out 9-5/8". Close well in at 11:00 AM. Well still on vacuum (4:00 PM). Hook up Halliburton, took 23 bbls water to get full returns. Shut down for 5 mins, took 2 bbls fluid to get rets on a slight vacuum. Close 9-5/8". Pressured up on 7" to 500# - stop pumping, wait for 10 mins & pressure dropped slowly to 300# (seem to hold better w/pressure on well). Close well in & let cmt finish setting. SDFN.

10-11-85: Present Operation: Plug & abandon. Cement job yesterday held in between 9-5/8" & 7", but 7" did not. Plan to drill out & set 125' plug between 3075'-3200' per BLM request.

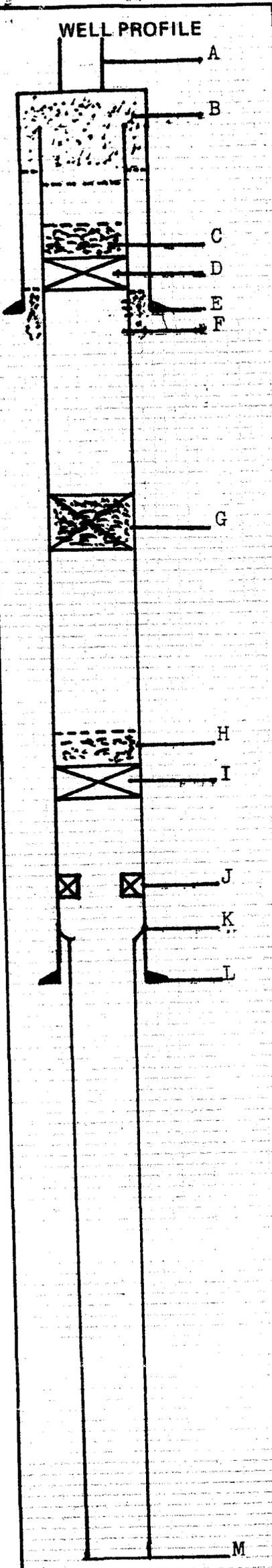
Activity for 10/10/85 7 AM to & PM: P&A. Both 7" & 9-5/8" on vacuum. Hook up Halliburton & pump 38 bbls production water down 7" & up 9-5/8" to get full returns. Close 9-5/8" & could inject into @ ½-1/8 BPM at 500#. Rig up to pump cmt. Pmpd 10 bbls fresh water ahead of cmt - full returns. Mix 22 sxs Class 'H' cmt w/3% CaCl, 4.5 bbls slurry. Mix 25 sxs thixotropic, 7 bbls slurry and 60 sxs of Class 'H' w/3% CaCl, 11 bbls slurry. Total cmt = 22½ bbls slurry. Pmpd 30½ bbls flush. Put thixotropic cmt outside of perfs. Full returns during pumping. Cement in 7" at 775' (296' above perfs @ 1075'). Cmt @ 705' between 9-5/8" & 7" (370' above perfs). Pressured up to 500# - slowly bled off. Tried to stage cmt - would not set up. Stop pumping w/34 bbls flush pumped. Wait on cement. Cement in 7" at 224' (above perfs). At 10 AM, 7" csg on slow vacuum, 9-5/8" holding dead - appears to have not sucked away. Open well up at 3:30 PM; 9-5/8" holding - no vacuum; 7" csg on a slow vacuum. Filled up 7", took 8½ bbls of fluid (1½ bbls past perfs at 1075'). Pressured up to 500#, lost 100# in 10 mins. Pressured up on backside (9-5/8") to 100# - held good, did not take any fluid to fill hole. Cmt job looks good between 9-5/8" & 7". RIH w/saw-tooth collar on 2-7/8" tbg (35 jts). Tagged cmt or stringers @ 1068' (7' of cmt above perfs). POOH. Close well in. Get directions from BLM.

10-12-85: Work performed on 10-11-85: PU 6" O.D. Baker cement mill. Used 4 4-3/4" DC's. RIH & tag cmt @ 1068'. While running in, hit some cement stringers. RU drilling equipment. Break circ & reverse. Drl'd cement & fell out of cement @ 1133'. Cleaned out 65' of cement - some hard & some soft. RIH to 1413'. Did not tag anything. Perfs @ 1075'. RD drlg equip. POH & stand 22 stands of 2-7/8" tbg in derrick. LDDC & mill. Mill in good shape. PU Halliburton 7" scraper & RIH to 1200'. Clean off casing walls to set CIBP. POH w/20 stands 2-7/8" tbg & LD scraper. PU sawtooth collar. RIH on 22 stands. Start PU tbg. PU 63 jts, 2-7/8". RIH to 3194'. HU Halliburton & row hole w/mud. Mix up & pump 30 sxs Class 'H' cement w/3% CaCl, 5½ bbls slurry. Put balance plug from 3194' up to 3045' (145' plug). Pull 10 stands, 600' & reverse out.

CWIFN.

Rig \$2285, Acme Tool \$165, Frac Tank \$20, SFE Water \$100, Halliburton
Cmt \$903, 4-Star \$333, DC \$3806, CTD \$26,687.

10-13-85: Work performed on 10-12-85: Open well up. Stand 8 stands 2-7/8" in derrick & LD 30 jts 2-7/8" tbg. HU & circ mud out of hole. LD 4 41' jts 2-7/8" tbg. PU Halliburton 7" CIBP for 26-29# casing & RIH on 2-7/8" tbg to 1065'. Tried to set CIBP on tbg, would not set. Ordered new plug out of Vernal. POH w/2-7/8" tbg, CIBP. Check CIBP over & redress. Put new drag springs on. RIH to 1065' & tried to set. Still would not set. POH w/tbg & CIBP. PU new CIBP & RIH on 2-7/8" tbg. Set top of BP @ 1065'. Press test to 500#, held good. Mix & pump 10 sks Class 'H' cement, 1.9 bbls slurry, 50' plug. Pull out of cement & pump 35 bbls 9+# mud & filled hole. Finish LD 2-7/8" tbg, 34 jts. RD tbg equip. Remove BOP's. Have welder cut off 9-5/8" & 7" casing. Remove tbg hanger spool. 7" casing after cutting off, fell 12". PU 60' of 1" pipe. Run in between 9-5/8" & 7". RU Halliburton & pump cement to surf. Hold 1" & run in 7" w/60' of 1". Pump cement to surf. Use 25 sks of Class 'H' cement. Install dry hole marker. Get ready to RD & move.



OPERATOR <u>Santa Fe Energy Co.</u>		Casing		Liner		Tubing	
WELL # <u>Ute 1-6C6</u>		SIZE	7"	4 1/2"			
FIELD <u>Cedar Rim</u>		WEIGHT	26	29			
COUNTY <u>Duchesne</u>		GRADE					
STATE <u>Utah</u>		THREAD					
DATE <u>PA 10-7-85</u>		DEPTH					
<input type="checkbox"/> NEW COMPLETION <input type="checkbox"/> WORKOVER							

ITEM NO.	EQUIPMENT AND SERVICES
A	Dry Hole Marker
B	25 sks. of cement between 9-5/8 & 7" csg. 25 sks. of cement in 7" csg.
C	50' of cement on top of C.I.B.P.
D	C.I.B.P. Set @ 1,065'
E	Bottom of 9-5/8 csg. @ 1,021'
F	Perf'ed holes 1,075' w/100' of cement above, and below perf.
G	Cement plug From 3,045 - 3,194'
H	2 sks. of cement on top of C.I.B.P.
I	C.I.B.P. Set @ 8,100'
J	Baker 7" Model "F" pkr.
K	4 1/2" liner top @ 9,297'
L	Bottom of 7" csg. @ 9,350'
M	TD 12,716'
	(NOTE) From 8,100' to Surface has 9.+' mud in hole.
	Perf. 8,138-12,569'

COMMENTS:

PREPARED BY <u>Western Oil Well Serv.</u>	OFFICE <u>Roosevelt Utah</u>	PHONE <u>722-3451</u>
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Rig #29