

FILE NOTATIONS

Entered in NID File ✓
Location Map Pinned ✓
Card Indexed ✓

Checked by Chief
Approval Letter
Disapproval Letter

COMPLETION DATA:

Date Well Completed 1/30/79
OW..... WW..... TA.....
GW..... OS..... PA.....

Location Inspected
Bond released
State or Fee Land

LOGS FILED

Driller's Log..... ✓
Electric Logs (No.) ✓
E..... I..... Dual I Lat..... GR-N..... Micro.....
BHC Sonic GR..... Lat..... MI-L..... Sonic.....
CBLog..... CCLog..... Others.....



Diamond Shamrock

Oil and Gas Unit

file

P

April 11, 1978



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

Re: Prestaking application of Ute 1-5C6
Lease #14-20-H62-2480
660' FSL and 800' FSL
SW/SW, Sec. 5, T3S, R6W
Duchesne County, Utah

Mr. Guynn:

This letter and accompanying topographic map is being sent in compliance with the requirements of NTL-6 and to request that normal spacing requirements be waived on this well.

As shown on the topographic map, the area is comprised of extremely rough terrain. Deviation of any appreciable distance from the proposed drill site can and will result in extensive surface damage in the construction of either the road or drill site. It is our desire that the spacing requirements can be waived in this case, in order that damage to the terrain can be kept to a minimum.

If further information is required, please contact our Casper office at 1-307-266-1882.

Sincerely,

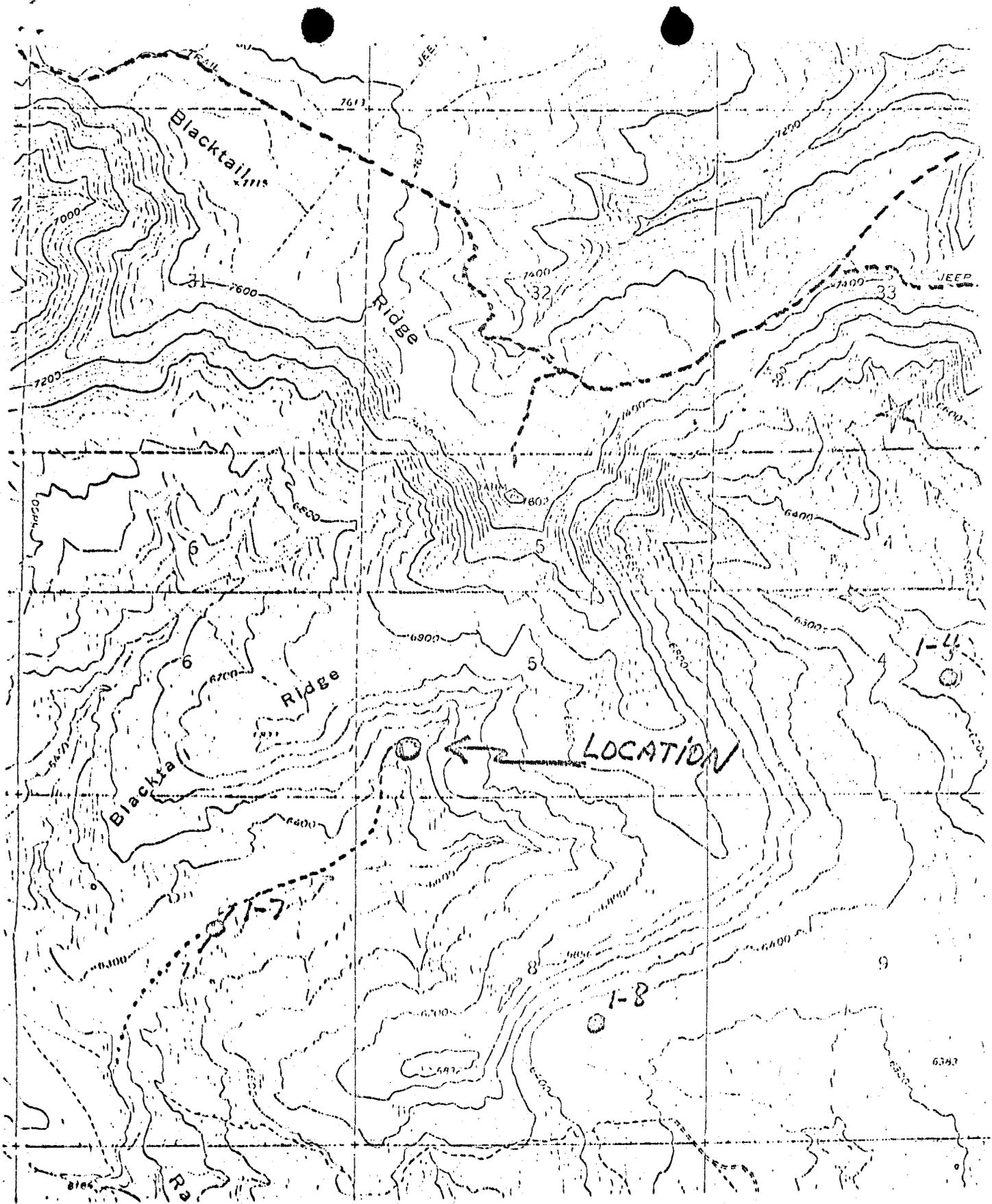
Bill Organ

Bill Organ
Asst. Drlg. Supt.

BO:db
Attachments

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





Diamond Shamrock

Oil and Gas Unit

September 19, 1977

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

Re: Prestaking application of Ute 1-5C6
Lease #14-20-H62-2480
440' FNL & 2500' FWL
NW/NE, Sec. 5, T3S, R6W
Duchesne County, Utah

Mr. Guynn:

This letter and accompanying topographic maps is being sent in compliance with the requirements of NTL-6 and to request that normal spacing requirements be wayed on this well.

As shown on the topographic map, the area is comprised of extremely rough terrain. Deviation of any appreciable distance from the proposed drill site can and will result in extensive surface damage in the construction of either the road or drill site. It is our desire that the spacing requirements can be waived in this case, in order that damage to the terrain can be kept to a minimum.

If further information is required, please contact our Casper office at 1-307-266-1882.

Sincerely,

Bill Organ

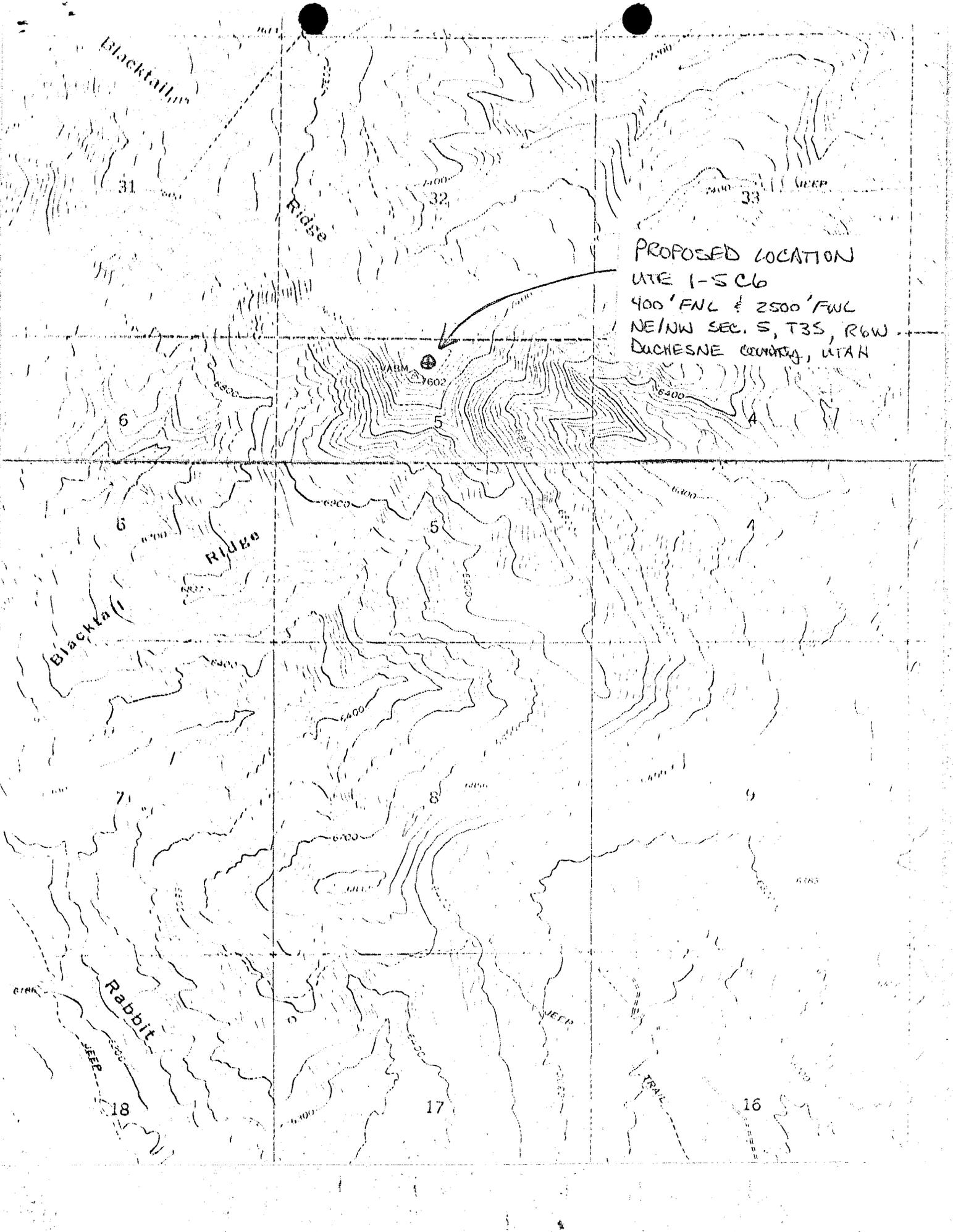
Bill Organ
Asst. Dirg. Supt.

BO:lj
Attachments

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

Bill
[Signature]
Diamond Shamrock
Ute 1-5C6
NE NW Sec. 5, T3S, R6W
Duchesne Co., UT.



PROPOSED LOCATION
UTE 1-5 C6
400' FNL & 2500' FNL
NE/NW SEC. 5, T3S, R6W
DUCHEсне COUNTY, UTAH

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

Usual Environmental Analysis

Lease No. 14-20-H62-2480

Operator Diamond Shamrock Corporation Well No. 1-506

Location 529' FWL & 329" FSL Sec. 5 T. 3S R. 6W

County Duchesne State Utah Field Wasatch

Status: Surface Ownership BIA Minerals BIA

Joint Field Inspection Date July 28, 1978

Participants and Organizations:

<u>Gordon W. McCrary</u>	<u>USGS</u>
<u>Lynn Hall</u>	<u>BIA</u>
<u>Bill Elliot</u>	<u>Diamond Shamrock</u>
<u>Gene Stewart</u>	<u>Uinta Engineering</u>
<u>Del Casada</u>	<u>Casada Construction</u>
<u>Floyd Murray</u>	<u>Casada Construction</u>

Related Environmental Analyses and References:

- (1)
- (2)

Analysis Prepared by:

Gordon W. Mc Crary

Date July 28, 1978

Reviewed by:

NOTED JOHN T. EVANS, JR.

8-2-78/KE
John T. Evans
Environmental Scientist
Salt Lake City, Utah

Proposed Action:

On April 22, 1978, Diamond Shamrock Corporation filed an Application for Permit to Drill the No. 1-5C6 (exploratory/development) well, an 11,600 foot oil test of the Wasatch Formation; located at an elevation of 6,395 feet in the Wasatch Field on Tribal mineral lands and BIA surface; lease No. 14-20- H62-2480. There was no objection raised to the wellsite nor to the access road.

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 Preventer 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 Sub-surface and 13-Point Surface Protection Plans are on file in the U.S.G.S. District Office in Salt Lake City, Utah and the U.S.G.S. Northern Rocky Mountain Area Office in Casper, Wyoming.

A working agreement has been reached with the Bureau of Indian Affairs, the controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangement.

The operator proposes to construct a drill pad 200 feet wide by 400 feet, and a reserve pit 100 ft by 200 ft. A new access road will be constructed 40 ft wide by 1500 ft long and upgrade 40 ft wide by 1.8 miles access road from an existing and improved road. The operator proposes to construct production facilities on distrubed area of the proposed drill pad.

If production is established, plans for a gas flow line will be submitted to the appropriate agencies for approval. The anticipated starting date is July 1978 and duration of drilling activities would be about 60 days.

Location and Natural Setting:

The proposed drillsite is approximately 15.3 miles northwest of Duchesne, Utah, the nearest town. A fair road runs to within 1500 feet of the location.

This well is in the Wasatch Field.

TOPOGRAPHY: Located on a fairly flat draw with steep slopes to the East, North, and West in the Uinta Basin.

Geology:

The surface geology is Duchesne River Formation. The soil is sandy clay. No geologic hazards are known near the drillsite. Seismic risk for the area is minor. 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 of these minerals. In the event the well is abandoned, cement plugs will be placed with drilling fluid in the hole to assure protection of any mineral resources.

The potential for loss of circulation would exist. 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 into 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, the 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 high runoff potential and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert shrub community. The piñon, juniper association is also present.

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 the

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 Bureau of Land Management.

Approximately 4 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 gasea would not be anticipated.

Precipitation:

Annual rain fall should range from about 8 to 11" at the porposed 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 8".

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 via non-perennial streams to Strawberry River which empties into the Duchesne River to the east.

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 commingling 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 basis 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 lined as needed. 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: Plants in the area are of the salt-desert-shrub types grading to the piñon-juniper association.

Proposed action would remove about 4 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.

The operator ^uproposes to rehabilitate the surface upon completion of operations.

WILDLIFE:

Animal and plant inventory has been made by the BIA. No endangered plants or animals are known to habitat on the project area. The fauna of the area consists predominantly of the mule deer, coyotes, rabbits, 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.

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 area, but would not present a major intrusion.

The economic effect of 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 possibly 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 agency'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.

LAND USE:

The proposed location is south of Utah Division of Wildlife Lands. A hearing was held which denied the oil companies access to surface use of lands controlled by DOW.

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

The proposed location is near the Myton Planning Unit. This Environmental Assessment Record was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The E.A.R. is on file in the agency's State offices and is incorporated herein by reference.

Waste Disposal:

The mud and reserve 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.

Alternatives 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 U.S.G.S. 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, 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.

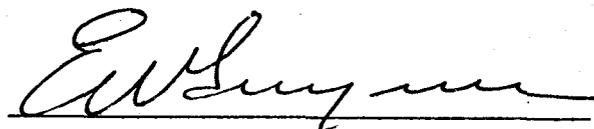
At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

Adverse Environmental Effects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately 4 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 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, leaks, spills of gas, oil or 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 the Duchesne River. The potential for pollution to the Strawberry River would exist through leaks and spills.

Determination:

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



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

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 5730 W. Yellowstone Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 529' FWL & 329' FSL SW SW 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) 329

16. NO. OF ACRES IN LEASE 640

17. NO. OF ACRES ASSIGNED TO THIS WELL 640

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

19. PROPOSED DEPTH 11,600'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6395' GR.

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 900 ft. and set 9 5/8" surface casing. Will install and pressure test B.O.P. Will resume drilling to approximately 9300 ft. and set 7" intermediate casing. Will reinstall and pressure test B.O.P. equipment. Will drill ahead to approximately 11,600' and if commercial production is indicated, will set 4 1/2" liner and complete well.

SAFETY EQUIPMENT PROGRAM

Refer to Safety and Geological Statement

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.

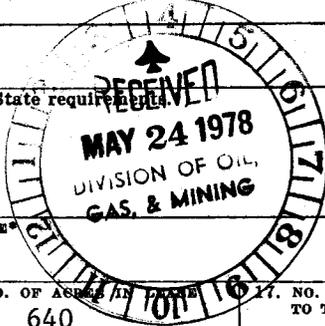
24. SIGNED [Signature] TITLE Dist. Drlg. Supt. DATE 5/22/78

(This space for Federal or State office use)

PERMIT NO. 43-013-30447 APPROVAL DATE

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:



5. LEASE DESIGNATION AND SERIAL NO. 14-20-H62-2480
6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME Ute
9. WELL NO. 1-5C6
10. FIELD AND POOL, OR WILDCAT Cedar Rim Wasatch
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 5, T3S, R6W
12. COUNTY OR PARISH Duchesne
13. STATE Utah

T3S, R6W, U.S.M.

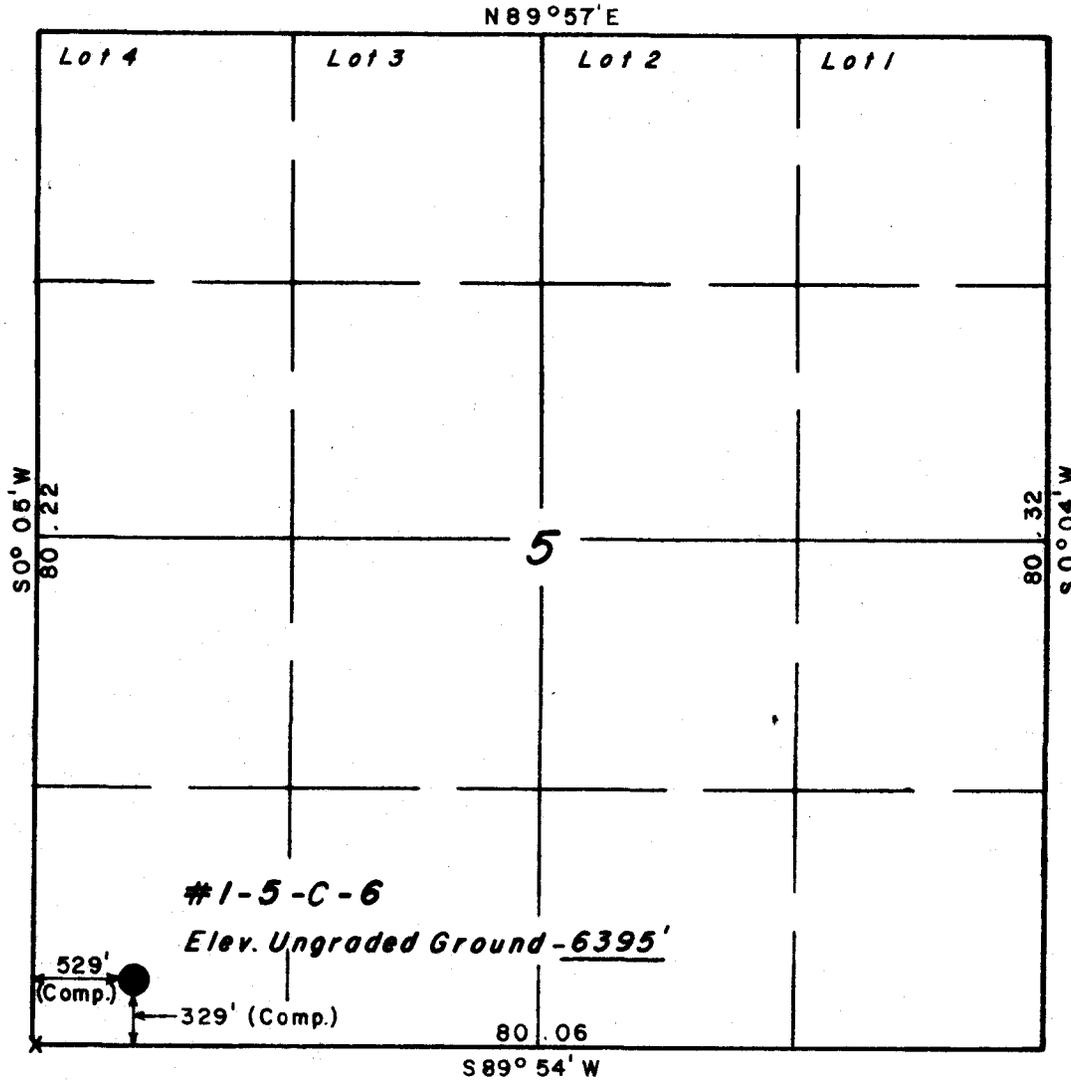
PROJECT

DIAMOND SHAMROCK

Well location, #1-5-C-6,
located as shown in the SW 1/4
SW 1/4 Section 5, T3S, R6W, U.S.M.
Duchesne County, Utah.

NOTE:

BASIS OF BEARING IS A SOLAR
OBSERVATION.



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.

Laura 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	5/10/78
PARTY	GS - SS - BN - RM RP	REFERENCES	GLO Plat
WEATHER	Fair	FILE	DIAMOND SHAMROCK

X = Section Corners Located

DIAMOND SHAMROCK

PROPOSED LOCATION

1-5-C-6

TOPO. MAP "A"

SCALE - 1" = 4 MI.





GENERAL GEOLOGIC AND SAFETY EQUIPMENT PROGRAM

Ute 1-5C6
Sec. 5, T3S, R6W
Duchesne County, Utah

1. GEOLOGIC NAME OF SURFACE FORMATION

Duchesne River

2. ESTIMATED FORMATION TOPS

Douglas Creek	8,077'
Wasatch Tongue	8,827'
Est. T. D.	11,600'

3. ESTIMATED DEPTHS OF WATER, OIL, OR MINERALS

Oil: Commercial deposits of oil is anticipated in the Wasatch formation.

Gas: Small quantities of gas are expected in conjunction with oil production in the Wasatch.

Water: No fresh water is anticipated below 800 ft. brackish water could exist below 800'. The drilling fluid however, will contain the brackish water within its formation.

Mineral Deposits: No know mineral deposits will be penetrated.

4. PROPOSED CASING PROGRAM

<u>Size</u>	<u>Grade</u>	<u>Wt/Ft.</u>	<u>Condition</u>	<u>Depth Set</u>
9 5/8"	K-55	32.6	New	900'
7"	K-55 & N-80	23# & 26#	New/Used	9,300'
4 1/2"	N-80	11.6#	New/Used	11,600'



Diamond Shamrock

Oil and Gas Unit

GENERAL GEOLOGIC AND SAFETY EQUIPMENT PROGRAM

Ute 1-5C6
Sec. 5, T3S, R6W
Duchesne County, Utah

5. PRESSURE CONTROL EQUIPMENT

- a. Refer to Diagram A.
- b. Minimum pressure ratings on any and all B.O.P. or related control equipment will be 5,000#/in.
- c. B.O.P. stack will be pressure tested to 5,000#/in. prior to drilling out of surface casing. The stack will then be checked on each trip to insure workability.

6. DRILLING FLUIDS

Water will be used to approximately 8,000 ft. and then a low solids gel/water mud will be utilized with the density being controlled to control formation fluid.

7. AUXILIARY EQUIPMENT

1. Upper and lower kelly cock.
2. Floated will be used as needed.
3. Automatic monitoring of mud pits.
4. One full opening stabbing valve on floor at all times.
5. Remote control choke.
6. Gas buster and degasser.



GENERAL GEOLOGIC AND SAFETY EQUIPMENT PROGRAM
(Page 3)

Ute 1-5C6
Sec. 5, T3S, R6W
Duchesne County, Utah

8. EVALUATION PROCEDURES

1. Drill Stem Tests: As determined by the on sight geologist.
2. Coring: None Planned.
3. Logging: IES and Density.

9. ABNORMAL DRILLING CONDITIONS

1. Abnormal Pressure: Possible 9.5 to 10.5#/gal. pressure gradient in the Wasatch.
2. Abnormal Temperatures: None Anticipated.
3. Hydrogen Sulfide: None Anticipated.

10. ANTICIPATED STARTING DATE

July 15, 1978

DIAMOND SHAMROCK

13 Point Surface Use Plan

for

Well Location

#1-5-C-6

Located In

Section 5, T3S, R6W, U.S.B. & M.

Duchesne County, Utah

1. EXISTING ROADS

See attached Topographic Map "A" - to reach the Diamond Shamrock well location, #1-5-C-6, located in Section 5, T3S, R6W, U.S.B. & M. from Duchesne, Utah.

Proceed West from Duchesne, Utah, along U.S. Highway 40 - 6.8 miles to the junction of U.S. Highway 40 and an oiled service road to the North; proceed North and Northeast along this oiled service road 0.25 miles to its junction with a gravel surfaced service road to the North; proceed North and Northwesterly along this graveled road 3.5 miles to its junction with a graveled service road to the North; proceed North along this road 2.8 miles to the junction of this road and an existing road to the North; proceed along the road to the West 4.1 miles to the point that the planned access road (to be discussed in Item #2) leaves the existing road and proceeds in a Northeasterly 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 proposed access road leaves the existing road in the SW 1/4 of Section 7, T3S, R6W, U.S.B & M. and proceeds 1.8 miles in a Northeasterly direction paralleling a small drainage that drains to the Southwest, to the proposed location site in the SW 1/4 SW 1/4 of Section 5, T3S, R6W, U.S.B. & M. The terrain the road covers is relatively flat and is covered with sparse amounts of sagebrush, grasses, cedar trees, and piñon trees.

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 1/2 to 1 slopes and terraced.

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

If deemed necessary by the local governmental agencies or their representatives, turn-outs 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.

PLANNED ACCESS ROAD - continued

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 drainages along this route that may require the installation of culverts. The sizes that will be required will be 18" C.M.P. or a size to be determined and approved by the governmental agencies involved.

These culverts will be of a heavy enough gage and installed in such a manor 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.

3. LOCATION OF EXISTING WELLS

As shown in Topographic Map "B" there are other producing wells within a two mile radius of the proposed well site. (See location plat for placement of Diamond Shamrock well location within the section).

4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES

All petroleum production facilities are to be contained within the proposed location site. There are no other Diamond Shamrock flow, gathering, injection, or disposal lines within a one-mile radius of this location.

In the event production is established, plans for a gas flow line from this location to existing gathering lines or a main production line shall be submitted to the appropriate agencies for approval.

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 used to drill this well is to be hauled by truck from the Starvation Reservoir in Section 30, T3S, R5W, U.S.B. & M. approximately 10 road miles utilizing the roads discussed in Items #1 and #2.

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

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 gravels 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.

7. METHODS FOR HANDLING WASTE DISPOSAL

See location layout sheet.

METHODS FOR HANDLING WASTE DISPOSAL - continued

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 backfilling and reclamation activities are attempted.

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.

PLANS FOR RESTORATION OF SURFACE - continued

Any drainages re-routed during the 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 will be buried with a minimum of 5' of covering.

As mentioned in Item #7, the reserve pit will be completely fenced and wired 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 the 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 workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

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

The area is located in the Uinta Basin which is formed by the Uinta Mountains on 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 is only 8".

The Duchesne River flows from the Northwest to the Southwest and is approximately four miles North of the location and is the only stream in the immediate area that has a year-round flow of any consequence. This stream is a tributary to 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, rabbit brush, some grasses and cacti.

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

OTHER INFORMATION - continued

The area is used by man for the primary purpose of grazing domestic sheep and cattle.

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

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

#1-5-C-6 sits on the South side of and at the base of Blacktail Mountain to the North and Northwest of a small non-perennial drainage.

The terrain in the immediate vicinity of the well site slopes from the top of Blacktail Mountain extremely fast through a series of sandstone ledges and small benches to its base and then into the drainage area formed by Rabbit Gulch to the West and Saleratus Wash to the East, of which the small wash the location overlooks is a portion.

The ground slopes through the location from the Northeast to the Southwest at approximately a 6% grade.

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 a redish-brown sandy clay type topsoil.

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

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

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

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

George R. Holden
5720 West Yellowstone
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 operations proposed herein will be performed by Diamond Shamrock, and its contractors and sub-contractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

5-22-78

Date


George R. Holden
District Drilling Superintendant

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

** FILE NOTATIONS **

Date: May 30-
Operator: Diamond Shamrock
Well No: Ute 1-506
Location: Sec. 5 T. 38 R. 6W County: Duchesne

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

API NUMBER: 13-013-30447

CHECKED BY:

Administrative Assistant AW
Remarks: No other well - Sec. 5
Petroleum Engineer _____
Remarks: ok P/B
Director F
Remarks: _____

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: Survey Plat Required:
Order No. 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:

Letter Written/Approved



Diamond Shamrock

Oil and Gas Unit

June 5, 1978

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

Mr. Feight:

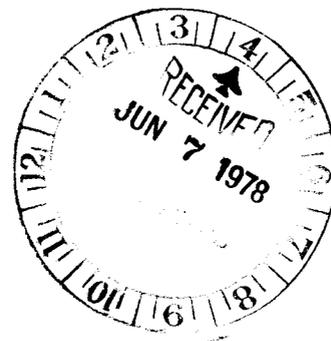
This letter is being sent to notify your office that our location located 329' FSL & 529' FWL, Sec. 5, T3S, R6W was so placed due to the extremely rough terrain in this area. Any deviation from this proposed location will result in an extreme increase in environmental damage when the location and road are constructed.

Your approval of this off spaced location due to topographic reasons will be appreciated.

Sincerely,

George R. Holden
Dist. Drlg. Supt.

GRH:lj



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
 5730 W. Yellowstone Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface
 529' FWL & 329' 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) 329

16. NO. OF ACRES IN LEASE 640

17. NO. OF ACRES ASSIGNED TO THIS WELL 640

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 11,600'

19. PROPOSED DEPTH 11,600'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6395' GR.

22. APPROX. DATE WORK WILL START*

5. LEASE DESIGNATION AND SERIAL NO.
 14-20-H62-2480

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 Ute

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Ute

9. WELL NO.
 1-5C6

10. FIELD AND POOL, OR WILDCAT
 Wasatch

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 5, T3S, R6W

12. COUNTY OR PARISH
 Duchesne

13. STATE
 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"	32.6	900'	Circ. to surface
8 3/4"	7"	23 & 26#	9,300'	300 sx.
6 1/8"	4 1/2"	11.6	11,600'	200 sx.

Plan to drill to approximately 900 ft. and set 9 5/8" surface casing. Will install and pressure test B.O.P. Will resume drilling to approximately 9300 ft. and set 7" intermediate casing. Will reinstall and pressure test B.O.P. equipment. Will drill ahead to approximately 11,600' and if commercial production is indicated, will set 4 1/2" liner and complete well.

SAFETY EQUIPMENT PROGRAM

Refer to Safety and Geological Statement

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

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

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. Supt. DATE 5/22/78
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY (Chg. Eng.) L. W. Guynn TITLE DISTRICT ENGINEER DATE AUG 07 1978
 CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED
 TO OPERATOR'S COPY

NOTICE OF APPROVAL *See Instructions On Reverse Side

FROM: : DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

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

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. 14-20-462-2480OPERATOR: DIAMOND SHAMROCK CORP.WELL NO. 1-5C6LOCATION: 1/4 SW 1/4 SW 1/4 sec. 5, T. 3 S., R. 6 W., U15MDUCHESENE County, UTAH6395' GR

1. Operator predicted stratigraphy and predicted hydrocarbon zones are adequate? Yes
If not, USGS predictions are:

2. Fresh water aquifers probable below surface casing? Possible. WILD REPORTS
USEABLE WATER POSSIBLE TO 3500' IN THIS TWP. FRESH WATER WELLS
DO NOT EXCEED 500'.

3. Other probable leasable minerals? Yes. BITUMINOUS LIMESTONE, OIL SHALE.
OIL SHALE WILL BE DEEP - PROBABLY AT 5000'± AND PREDOMINANTLY IN
THE PARACHUTE CIC MEMBER OF THE GREEN RIVER TM.

4. Are hazardous fluids or gases likely? No.

5. Are abnormal conditions of pressure or temperature likely? No.

6. Will any strata penetrated need special mud, casing, or cementing beyond that
proposed in the APD? _____. PROTECT FRESH/USEABLE WATER AQUIFERS

7. Is additional logging or sampling needed? _____. SOME, DENSITY, GAMMA,
NEUTRON THROUGH OIL SHALE

8. References - remarks: USGS Files, Salt Lake City, Utah

Is location within 2 miles of a KGS? No.

Signature: TIRADate: 6/20/78

June 8, 1978

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

Re: Well No. Ute 1-5C6
Sec. 5, T. 2 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 Rule C-3(c), General Rules and Regulations and Rules of Practice and Procedure.

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

PATRICK L. DRISCOLL - Chief Petroleum Engineer
HOME: 582-7247
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 43-013-30447.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
Director

cc: U.S. Geological Survey

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse 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 GAS WELL 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.*
See also space 17 below.)
At surface
529' FWL & 329' FSL

14. PERMIT NO. _____

15. ELEVATIONS (Show whether DF, RT, OR, etc.)
6395'

5. LEASE DESIGNATION AND SERIAL NO.
14-20-H62-2480

6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____

7. UNIT AGREEMENT NAME _____

8. FARM OR LEASE NAME
Ute

9. WELL NO.
1-5C6

10. FIELD AND POOL, OR WILDCAT
Wasatch

11. SEC., T., R., M., OR DLK. AND SURVEY OR AREA
Sec. 5, T3S, R6W

12. COUNTY OR PARISH
Duchesne

13. STATE
Wyoming

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) _____	
(Other) October	Monthly Report <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.)*
10/1 thru 10/31/78: Drilling 1541' to 8370'.

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

SIGNED *[Signature]* TITLE Dist. Drlg. Supt. DATE 12/4/78

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

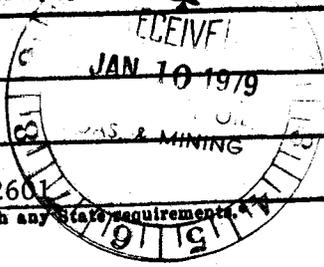
STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

DUPLICATE IN TRIPPLICATE*
(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"/>		6. LEASE DESIGNATION AND SERIAL NO. 14-20-H62-2480	
2. NAME OF OPERATOR Diamond Shamrock Corporation		7. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 5730 W. Yellowstone Casper, Wyoming 82601		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 529' FWL & 329' FSL		8. FARM OR LEASE NAME Ute	
14. PERMIT NO.		9. WELL NO. 1-5C6	
15. ELEVATIONS (Show whether DF, RT, CR, etc.) 6395'		10. FIELD AND POOL, OR WILDCAT Wasatch	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 5, T3S, R6W	
		12. COUNTY OR PARISH Duchesne	13. STATE Wyoming



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) _____	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
(Other) December Montlly Report <input checked="" type="checkbox"/>			

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.)

12/1 to 12/9/78: Drilling 11,405' to 12,100'.
 12/9 to 12/11/78: Logging: Dual Induction-Neutron Density and Caliper-sonic.
 12/12 to 12/14/78: Condition hole ran 4 1/2" liner, top liner 8913' bottom 12,098 cement with 715 sacks.
 12/15 to 12/17/78: Release rig. Rig Down.
 12/18 to 12/31/78: Waiting on completion rig.

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

SIGNED Wes D. [Signature] TITLE Dist. Drlg. Supt. DATE 1/9/79

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

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-H62-2480
2. NAME OF OPERATOR Diamond Shamrock Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 5730 W. Yellowstone Casper, Wyoming 82601		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 529' FWL & 329' FSL		8. FARM OR LEASE NAME Ute
14. PERMIT NO.		9. WELL NO. 1-5C6
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6395'		10. FIELD AND POOL, OR WILDCAT Wasatch
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 5, T3S, R6W
		12. COUNTY OR PARISH Duchesne
		13. STATE Wyoming

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) _____	
(Other) January 79 Monthly Report <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.)*

1/1 thru 1/6/79: Waiting on completion rig.
 1/7 thru 1/16/79: Pick up tubing and drill out cement.
 1/17 thru 1/18/79: Ran Bond Log Gamma Correlation Log.
 1/19/79: Drilling out float collar and cement 12,090' and trip out.
 1/20/79: Perforated and ran packer on wireline.
 1/21 thru 1/22/79: Run production string and nipple tree.
 1/23 thru 1/26/79: Flow well and swab.
 1/27/79: Treat well with 36,000 gals. 15% MSR 100.
 1/28 thru 1/30/79: Flow Well.
 1/31/79: Turned to Production.

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

SIGNED Wesley P. Schuss TITLE Dist. Drlg. Supt. DATE 2/12/79

(This space for Federal or State office use)

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

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

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

13

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

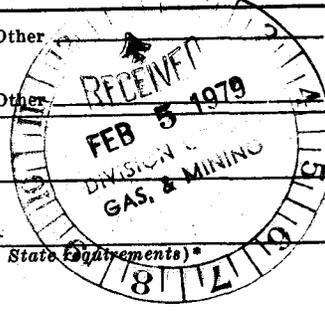
b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other

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
529' FWL & 329' FSL
At top prod. interval reported below

At total depth



5. LEASE DESIGNATION AND SERIAL NO.
14-20-H62-2480

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute

7. UNIT AGREEMENT NAME
Ute

8. FARM OR LEASE NAME
Ute

9. WELL NO.
1-5C6

10. FIELD AND POOL, OR WILDCAT
Wasatch

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 5, T3S, R6W

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

14. PERMIT NO. _____ **DATE ISSUED** _____

15. DATE SPUDDED 9/21/78 **16. DATE T.D. REACHED** 12/9/78 **17. DATE COMPL. (Ready to prod.)** 1-30-79 **18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*** 6395' GR **19. ELEV. CASINGHEAD** 6395' GR

20. TOTAL DEPTH, MD & TVD 12,100' **21. PLUG, BACK T.D., MD & TVD** 12,090' **22. IF MULTIPLE COMPL., HOW MANY*** N/A **23. INTERVALS DRILLED BY** ROTARY TOOLS 0-12,100' CABLE TOOLS N/A

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
10,288' KB to 12,067' KB Wasatch Formation

25. WAS DIRECTIONAL SURVEY MADE
Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN
Dual Induction, Sonic, Density, Gamma Ray and Cement Bond

27. WAS WELL CORDED
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#	983' KB	12 1/4"	500 sx. circ. to surface	N/A
7"	23# & 26#	9,201' KB	8 3/4"	245 Sx.	N/A

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
4 1/2"	8913' KB	12,098' KB	715 Sx.	N/A

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	8896' KB	8896' KB
2 1/16"	5032' KB	N/A

31. PERFORATION RECORD (Interval, size and number)
From 10,288' KB to 12,067' KB
See Attached Sheet #1

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
10,288' KB to 12,067'	Treated with 36 stages of 1000 gal. MSR-100 acid and 500 gal. MSR-100 water. Each stage contained 100# acid flake, 700 SCF

33.* PRODUCTION N2/bbl. and 6 balls.

DATE FIRST PRODUCTION 1/29/79 **PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)** Flowing **WELL STATUS (Producing or shut-in)** Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1/29/79	24	24/64	→	1728	1700	23	984

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
750	0	→	1728	1700	23	51

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

TEST WITNESSED BY
Bill Elliott

35. LIST OF ATTACHMENTS
N/A

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

SIGNED John C. Schmidt TITLE Drilling Engineer DATE 1/31/79

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

INSTRUCTIONS

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

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

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

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

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				MEAS. DEPTH	TRUE VERT. DEPTH
				5875'	5875'
				7280'	7280'
				8065'	8065'
				8525'	8525'
				8835'	8835'
				12100'	12100'
			Mahogany Ledge "B" Marker Douglas Creek Upper Black Shale Wasatch Tongue T. D.		

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

PERFORATION RECORD

UTE 1-5C6

12,067'	11,684'	11,336'	11,016'	10,766'	10,510'
12,040'	11,680'	11,334'	11,014'	10,676'	10,504'
11,996'	11,662'	11,180'	11,008'	10,672'	10,490'
11,979'	11,657'	11,178'	11,006'	10,649'	10,486'
11,904'	11,437'	11,131'	10,990'	10,645'	10,483'
11,877'	11,434'	11,128'	10,987'	10,627'	10,432'
11,871'	11,423'	11,124'	10,902'	10,623'	10,359'
11,847'	11,389'	11,122'	10,896'	10,607'	10,341'
11,791'	11,387'	11,021'	10,894'	10,602'	10,292'
11,708'	11,338'	11,018'	10,861'	10,598'	10,288'
11,705'					

Total of 61' and 183 holes.

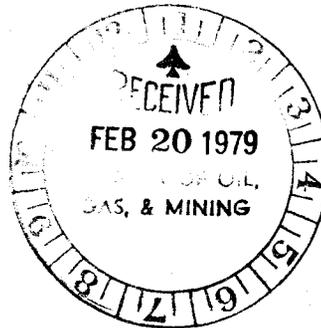


Diamond Shamrock

Petroleum Engineering Department

Z M

February 15, 1979



Katman full
Z

Utah Oil, Gas and Mining Board
Division Oil, Gas and Mining
1588 W. North Temple
Salt Lake City, Utah 84116

Attention: Mr. Cleon B. Feight

Subject: Ute No. 1-5 C6
Sec. 5, T35N-R6W
Duchesne County, Utah

Dear Mr. Feight:

This letter is to confirm our telephone conversation of February 14, 1979, concerning gas flaring at our Ute No. 1-5 C6 well.

Ute No. 1-5 C6 was completed on January 30, 1979. We have been flaring gas under the testing provision of the Altamont Area no-flare order. We have an agreement with the Koch Plant to install a casinghead gas line to the well. The connection has not been made due to weather conditions interfering with field operations. The well was tested February 13, 1979, as follows:

Oil	1042	B/D
Gas	1000	MCF/D
Water	12	B/D
GOR	960	CF/B
CUT	1.1	%
	390	PSI Tubing Pressure
	22/64"	Choke

We will connect the casinghead gas as soon as physically possible. In the mean time, we will continue to flare the gas with the understanding that the testing period is not to exceed 60 days from the date of the well's completion.

Thank you for your cooperation in this matter.

Very truly yours,

J. L. Gallagher

J. L. Gallagher
Engineering Supervisor

pga

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

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different 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-H62-2480
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 529' FWL & 329' FSL		8. FARM OR LEASE NAME UTE
14. PERMIT NO. 43-013-30447	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6395' GR 6415' KB	9. WELL NO. 1-5C6
		10. FIELD AND POOL, OR WILDCAT Cedar Rim/Wasatch
		11. SEC., T., R., N., OR BLK. AND SURVEY OR AREA SW $\frac{1}{2}$ /SW $\frac{1}{2}$ Sec 5-3S-6W
		12. COUNTY OR PARISH 13. STATE Duchesne 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>Change of Ownership</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.)*

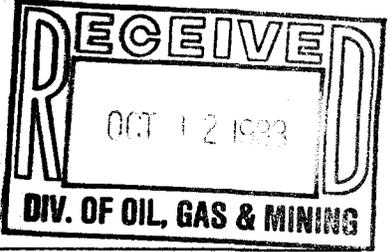
9-01-83: Change of ownership from:

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

(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)

5. LEASE DESIGNATION AND SERIAL NO.	14-20-H62-2480
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	UTE
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME	UTE
9. WELL NO.	1-5C6
10. FIELD AND POOL, OR WILDCAT	Cedar Rim/Wasatch
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	SW $\frac{1}{4}$ /SW $\frac{1}{4}$ Sec 5-3S-6W
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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>	
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 529' FWL & 329' FSL	
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6395' GR 6415' 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"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(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 24 1984

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
William F. Parks

(This space for Federal or State office use)

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

Santa Fe Energy Company

031705



Central Division-Rocky Mountain District
Security Life Building
Suite 2600
Denver, Colorado 80202-4330
303/825-5101

RECEIVED
MAR 13 1987

September 9, 1986

DIVISION OF
OIL, GAS & MINING

Division of Oil, Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Gentlemen:

J0815

This is to advise you that all oil and gas properties in Utah (see attached for details) previously held and/or operated by Santa Fe Energy Company have been contributed to a Delaware Limited Partnership named Santa Fe Energy Operating Partners, L. P. ("SFEOP") effective January 1, 1986 (record title transfer currently in process). Severance tax reports will be adjusted in the near future and we assume ad valorem assessments will be changed as transfer of record title occurs. The Managing General Partner of SFEOP, Santa Fe Pacific Exploration, will utilize the same employees and offices as Santa Fe Energy Company.

We presume this notice to be sufficient to allow adjustment of your records as necessary. Please advise if anything else is needed to formalize this transfer.

Sincerely,

Curtis G. Alexander

Curtis G. Alexander
Production Clerk

CGA:sew

Attachments

STATE OF UTAH

Wells Operated by Santa Fe Operating Partners, L. P.

<u>Well</u>	<u>Legal Description</u>	<u>County</u>
/ Brinkerhoff Ute 10-1	Sec. 10-T4S-R5W 43-013-30088	Duchesne
/ Tribal Fed 1-25	Sec. 25-T3S-R6W 43-013-30417	Duchesne
/ Tribal Fed 2-25	Sec. 25-T3S-R6W 43-013-31093	Duchesne
/ Tribal Fed 1-26	Sec. 26-T3S-R6W 43-013-30412	Duchesne
/ Tribal Fed 1-30	Sec. 30-T3S-R5W 43-013-30475	Duchesne
/ Tribal Fed 1-35	Sec. 35-T3S-R6W 43-013-30419	Duchesne
/ Tribal Fed 1-36	Sec. 36-T3S-R6W 43-013-30422	Duchesne
/ Tribal Fed 3-9	Sec. 9-T4S-R5W 43-013-20179	Duchesne
/ Tribal Fed 1-4	Sec. 4-T4S-R5W 43-013-30424	Duchesne
/ Ute 2-3C6	Sec. 3-T3S-R6W 43-013-30902	Duchesne
/ Tribal Fed 1-34B6	Sec. 34-T2S-R6W 43-013-30431	Duchesne
/ Tribal Fed 1-3C6	Sec. 3-T3S-R6W 43-013-30415	Duchesne
/ Tribal Fed 1-4C6	Sec. 4-T3S-R6W 43-013-30416	Duchesne
/ Tribal Fed 1-5C6	Sec. 5-T3S-R6W 43-013-30447	Duchesne
/ Hill Creek Fed 1-27	Sec. 27-T10S-R20E 43-047-31675	Uintah
/ Hill Creek Fed 1-29	Sec. 29-T10S-R20E 43-047-31522	Uintah
/ Hill Creek Fed 1-30	Sec. 30-T10S-R20E 43-047-31601	Uintah
/ Hill Creek Fed 1-32	Sec. 32-T10S-R20E 43-047-31560	Uintah

SFE04

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

5. LEASE DESIGNATION AND SERIAL NO.
14-20-H62-2480

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Ute

9. WELL NO.
1-5C6

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

11. SEC., T., R., M., OR BLM, AND SUBVST OR ASRA
SW/4, SW/4 Sec 5-3S-6W

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
Santa Fe Energy Operating Partners, L. P.

3. ADDRESS OF OPERATOR
One West Third, Suite 500 Tulsa, Oklahoma 74103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
AT SURFACE
529'FWL & 329' FSL

14. PERMIT NO.
43-013-30447

15. ELEVATIONS (Show whether OF, RT, GR, etc.)
6395' GL 6415' KB

JUL 23 1990

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 checked="" 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) <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.)*

Captioned well will no longer produce in paying quantities. Procedure to P&A:

1. Set CIBP in 7" casing @ 8900'. Cap with 35' cement by dump bailer.
2. Load hole with mud laden fluid.
3. Set CIBP in 7" casing @ 4110'. Perf 4 holes 4100-4102'. Set cement retainer @ 3940'.
4. Mix and pump a volume of cement to fill the casing and the annulus outside the casing from 3950-4100'
5. Set CIBP in 7" casing @ 1050'. Perf 4 holes from 1033-35'. Set cement retainer 920'.
6. Mix and pump a volume of cement to fill the casing and the annulus outside the casing from 933' to 1033'.
7. Set 25 sack plug at surface. Cut off casing below ground level. Weld on cap and dry hole marker.
8. Restore location per BLM surface rehabilitation stipulations.

Stamp: CAP OVER JO, 7/18, M. J. FOR WM, Operations Superintendent

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

SIGNED

[Signature]

TITLE

Operations Superintendent

DATE 7/18/90

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Official approval of this action is required before...

*See Instructions on Reverse Side

8-6-90
[Signature]



Santa Fe Energy Operating Partners, L.P.

Santa Fe Pacific Exploration Company
Managing General Partner

July 18, 1990



State of Utah
Department of Natural Resources
Division of Oil, Gas & Mining
355 West North Temple
Salt Lake City, Utah 84180

Re: Intention to Plug & Abandon
Ute 1-5C6 Well
Sec 5-3S-6W
Duchesne County, Utah

Gentlemen:

Attached for your approval is Form OGC-16 in triplicate describing our proposed procedure to plug and abandon the subject well.

For your information is a copy of the plugging approval and conditions received from the Bureau of Land Management.

Please advise of any questions.

Sincerely,

D. D. Oswald, Jr.
Operations Superintendent

DDO/bb

Attachments

Mid-Continent District
Suite 500
Williams Center Tower I
One West Third Street
Tulsa, Oklahoma 74103
918/582-6944

Form 3160-5
November 1983
Formerly 9-331

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
(Other Instructions
verse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.
14-20-H62-2480

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Ute

9. WELL NO.

1-5C6

10. FIELD AND POOL, OR WILDCAT

Cedar Rim/Wasatch

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

SW/4, SW/4 Sec 5-3S-6W

12. COUNTY OR PARISH 13. STATE

Duchesne

UT

1. OIL WELL GAS WELL OTHER

JUL 23 1990

2. NAME OF OPERATOR

Santa Fe Energy Company

3. ADDRESS OF OPERATOR

One West Third St., Tulsa, OK 74103

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

529' FWL & 329' FSL

14. PERMIT NO.

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

6395' GR, 6415' 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

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(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.)*

P&A on or about Feb 19, 1990, the 1-5C6 described above as follows:

1. RIH w/CIBP set in 7" @ 8900' (liner top @ 8909') w/ 2 sx cmt on top.
2. Place 150' cmt plug in 7" @ 4100'-4250'.
3. Place CIBP @ 985' w/50 sx cmt
4. Place 25 sx cmt between 9 5/8" surface casing and 7" casing.
5. Place 25 sx cmt in 7" @ surface.
6. Install dry hole marker and restore location to BLM specs.

PBTD @ 12,040' KB

Captioned well will no longer produce in paying quantities.

OIL AND GAS	
DFN	R/F
2-JPB	GLH
DIS	SLS
1-DME	
3-DME	
4-	MICROFILM ✓
5-	FILE

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

SIGNED

W.F. Parks

TITLE

District Production Engr.

DATE

2-7-90

(This space for Federal or State office use)

APPROVED BY

[Signature]

TITLE

DISTRICT
SUPERVISOR MINERALS

DATE

JUL 13 1990

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

OPERATOR

*See Instructions on Reverse Side

Lease No. 14-20-H62-2480
Section 5, T3S, R6W
Well No. 1-5C6

DOWNHOLE REQUIREMENTS

CONDITIONS OF APPROVAL

The Vernal District Petroleum Engineers have reviewed your proposal for technical adequacy and concur with the downhole portion, providing the following stipulations are included in the procedure.

1. Prior to perforating any casing string, adequate BOP's, lubricators, and controls will be installed and function tested.
2. If paraffin or scale deposits are detected while pulling the tubing or any other production equipment out of the wellbore, hot water treatments and/or scraper runs will be conducted before placing cement plugs.
3. All cement used for plugs shall meet the minimum physical requirements specified in API Specification 10 unless prior approval is obtained from the authorized officer.
4. Place a minimum of 50 ft. of cement on top of the CIBP at +8900 ft. if displaced by tubing or 35 ft. of cement if placed with a dump bailor.
5. Move the proposed plug from +4100-4250 ft. to +3950-4100 ft. across the Green River-Uinta formation contact. This plug needs to include the 7" x 8-3/4" annulus.
6. Add a minimum of a 100 ft. plug in the 7" x 9-5/8" and 7" x 8-3/4" annulus from +933-1033 ft. across the surface casing shoe.
7. Notify the BIA at least forty-eight (48) hours prior to initiating the plugging procedure.
7. Notify this office at least twenty-four (24) hours prior to initiating the plugging procedure.

CONDITIONS OF APPROVAL FOR WELL ABANDONMENT

Company Santa Fe Energy Co.

Location SW/SW, Sec. 5, T3S, R6W

Well No. 1-5C6

Lease No. 14-20-H62-2480

A COPY OF THESE CONDITIONS SHOULD BE GIVEN TO
YOUR FIELD REPRESENTATIVE TO ENSURE COMPLIANCE

1. This office will be notified sufficiently in advance of actual plugging work so that a representative may have an opportunity to witness the operation. If time permits, please try to notify this office at least twenty-four (24) hours in advance of rigging up.
2. Upon completion of the approved plugging program, erect the regulation marker in accordance with 43 CFR 3162.6(b) and clean up the site. The marker should not be less than 4 inches in diameter and extend approximately 4 feet above recontoured surface level. Heap up the dirt around the base of the marker about 18 inches to take care of any settling of the cellar. The top of the marker will be closed or capped, and the bottom of the marker will be placed in the top cement plug or welded to or through a 1/4" steel plate which is welded onto the cut-off surface casing. Pits must be fenced unless approved otherwise by the authorized officer.
3. The following minimum information will be permanently and legibly placed on the marker with a plate, cap, or welded bead:
 - A. Name of the operator.
 - B. Lease serial number.
 - C. Well number.
 - D. Surveyed description of the well; section, township, and range and either footages or quarter-quarter section.
4. Within thirty (30) days after well bore plugging operations have been completed, Form 3160-5 (formerly Form 9-331), Subsequent Report of Abandonment, will be submitted to this office. The report must show the location of all plugs or any mechanical setting device, quantity and type of cement and additives in each plug, amount of casing or any tubulars left in the hole, methods used to test plugs and test results, and the status of the surface restoration. If a temporary delay in the removal of equipment or surface cleanup is deemed necessary, so justify in your report. This abandonment report will be approved by this office with surface rehabilitation stipulations. Liability for this well shall not be released until the surface management agency approves the actual site rehabilitation.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-1135
Expires September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

SEP 26 1990

5 Lease Designation and Serial No.

14-20-H62-2480

6 If Indian, Allottee or Tribe Name

Ute

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Ute

9. API Well No.

1-5C6

10. Field and Pool, or Exploratory Area

Cedar Rim/Wasatch

11. County or Parish, State

SW/4, SW/4 Sec 5-3S-6W

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Santa Fe Energy Operating Partners, L.P.

3. Address and Telephone No.

One West Third, Suite 500, Tulsa, Oklahoma 74103

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

529' FWL & 329' FSL

JUL 5
35, 6W

43-013-30447

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

TYPE OF SUBMISSION

- Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

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

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

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

8-27-90: Set closed cement retainer at 8900'. Circulated with 170° water to remove paraffin out of casing. Displaced with 10# brine water. Mixed 15 sacks Class G cement plug and spotted 80' plug at 8820-8900'.

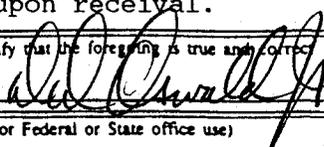
8-28-90: Set CIBP @ 4110'. Perf 4100-02' w/4 holes. Set cement retainer @ 3940'. Mixed and pumped 50 sacks Class F cement into perfs. Stung out of retainer closing retainer. Set CIBP @ 1050'. Perf 1033-35' w/4 holes.

8-29-90: Set cement retainer @ 920'. Mixed and pumped 45 sacks Class G cement into perfs. Stung out of retainer closing retainer. Cut off well head. Ran 1" pipe and cemented 7" casing from 50' to surface. Ran 1" pipe between 9 5/8" and 7" casing to 41'. Cement to surface. Weld on well marker. Back filled around marker.

After removal of tank battery, the surface location will be reclaimed to BLM specifications, upon receipt.

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

Signed



Title

Operation Superintendent

Date

9/24/90

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date



Santa Fe Energy Operating Partners, L.P.

Santa Fe Pacific Exploration Company
Managing General Partner

September 24, 1990

U. S. Department of Interior
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

RECEIVED
SEP 26 1990

DIVISION OF
OIL, GAS & MINING

RE: Sundry Notice
P&A Ute 1-5C6
Duchesne County, Utah

Gentlemen:

Attached is the Sundry Notice in triplicate describing the plug and abandon operations that occurred during the month of August, 1990.

Please advise of any questions.

Sincerely,

D. D. Oswald, Jr.
Operation Superintendent

cc: State of Utah
Department of Natural Resources
Division of Oil, Gas & Mining
355 West North Temple
Salt Lake City, Utah 84180

Pete Stull - Thermopolis
Ron Muir - Duchesne
Jim Krueger - Houston

Mid-Continent District
Suite 500
Williams Center Tower I
One West Third Street
Tulsa, Oklahoma 74103
918/582-6944

RECEIVED

NOV 06 1991

Form 1000-9
November 1990

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
DIVISION OF
OIL GAS & MINING

FORM APPROVED
Budget Bureau No. 1004-1133
Expires September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
14-20-H62-2480

6. If Indian, Allottee or Tribe Name
Ute

7. If Unit or C.A. Agreement Designation

8. Well Name and No.
Ute

9. API Well No.
1-5C6 43-013-30447

10. Field and Pool, or Exploratory Area
Cedar Rim/Wasatch

11. County or Parish, State
SW/4, SW4 Sec 5-3S-6W

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Santa Fe Energy Operating Partners, L. P.

3. Address and Telephone No.
One West Third, Suite 1420 Tulsa, OK 74103

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
529' FWL & 329' FSL

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

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

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

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

In October and November, 1990 the location and access road were rehabilitated as per Rehabilitation Plan received from BIA and BLM. The location is ready for final inspection. Contact Ron Muir (801) 738-2484 for scheduling.

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

Signed Del Oswald Jr Title Operation Superintendent Date Oct. 30, 1991

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:



Santa Fe Energy Operating Partners, L.P.

Santa Fe Pacific Exploration Company
Managing General Partner

RECEIVED

NOV 06 1991

October 30, 1991

DIVISION OF
OIL GAS & MINING

U. S. Department of Interior
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

Re: Sundry Notice
P&A Ute 1-5C6
Duchesne County, Utah

Gentlemen:

Attached is the Sundry Notice - Final Abandonment Report - indicating that the subject location and access road were rehabilitated in November, 1990. I apologize for the delay in the Sundry Notice filing.

Please advise of any questions.

Sincerely,

D. D. Oswald, Jr.
Operations Superintendent

DDO/bb

CC: State of Utah
Department of Natural Resources
Division of Oil, Gas & mining
355 West North Temple
Salt Lake City, Utah 84180

Ron Muir - Duchesne
Jim Krueger - Houston