

UTAH OIL AND GAS CONSERVATION COMMISSION

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

* Application rescinded - 8-10-83
9-14-83

DATE FILED 6-25-82

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. U-017985 INDIAN

DRILLING APPROVED: 6-30-82

SPUDDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION: 9-14-83

DATE ABANDONED: 8-10-83 LA

FIELD: WILDCAT - 3/86 Monument Butte

UNIT:

COUNTY: DUCHESNE

WELL NO. CASTLE PEAK FEDERAL #44-15

API NO. 43-013-30672

LOCATION 523' FT. FROM (S) LINE. 516' FT. FROM (E) LINE. SE SE 1/4 - 1/4 SEC. 15

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
9S	16E	15	DIAMOND SHAMROCK				

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK
 b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 DIAMOND SHAMROCK

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface
 516' FEL 523' FSL Section 15, T9S, R16E, S.L.B. & M.
 At proposed prod. zone
 Same

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

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 516'

16. NO. OF ACRES IN LEASE
 640

17. NO. OF ACRES ASSIGNED TO THIS WELL
 40

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

19. PROPOSED DEPTH
 5950'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5706'

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

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	8 5/8"	32# K-55	250'	Circulate to surface
7 7/8"	5 1/2"	15.5# K-55	T.D. 5950'	Circulate to surface

Drill 12 1/2" hole to approximately 250' set 8 5/8" casing, set up BOP as required and pressure test. Drill 7 7/8" hole to approximately 5950' if production is found feasible set 5 1/2" production casing.

APPROVED BY THE STATE
 OF UTAH DIVISION OF
 OIL, GAS, AND MINING
 DATE: 6/22/82
 BY: [Signature]

RECEIVED
 JUN 25 1982
 DIVISION OF
 OIL, GAS & MINING

24. 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.

SIGNED Dill Elliott TITLE District Superintendent DATE 22 June 1982

(This space for Federal or State office use)

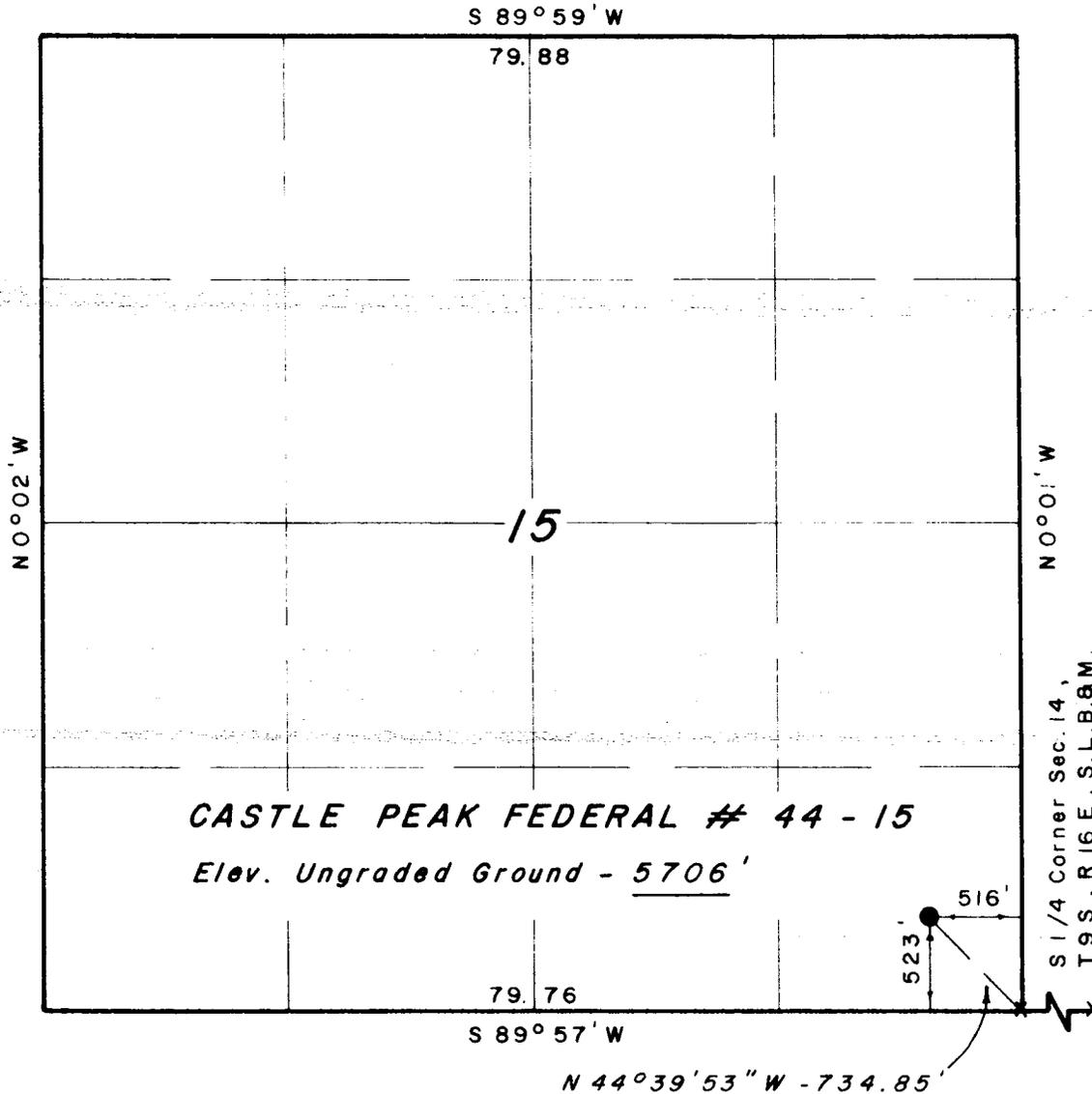
PERMIT NO. _____ APPROVAL DATE _____

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

T 9 S , R 16 E , S . L . B . & M .

PROJECT
DIAMOND SHAMROCK CORP.

Well location , *CASTLE PEAK*
FEDERAL # 44 - 15 , located as
shown in the SE 1/4 SE 1/4 Section
15 , T 9 S , R 16 E , S . L . 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

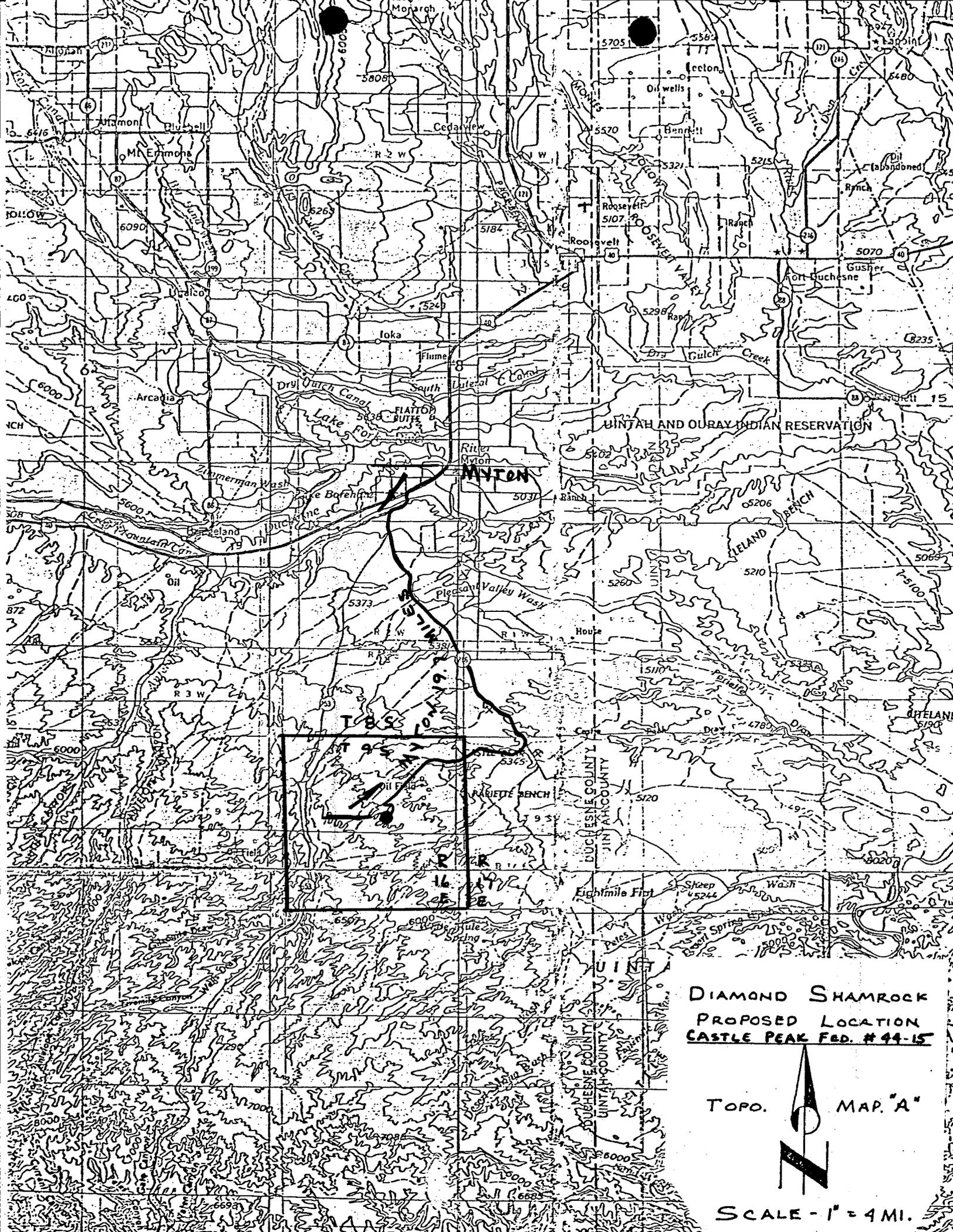
Gene Stewart

REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

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

X = Section Corners Located

SCALE	1" = 1000'	DATE	6/16/82
PARTY	RT TJ CM LZ	REFERENCES	GLO Plat
WEATHER	Warm	FILE	DIAMOND SHAM.



DIAMOND SHAMROCK
PROPOSED LOCATION
CASTLE PEAK FED. #44-15



TOPO. MAP "A"

SCALE - 1" = 4 MI.

** FILE NOTATIONS **

DATE: June 30, 1982

OPERATOR: Diamond Shamrock

WELL NO: Castle Peak Federal #44-15

Location: ^{SESE} Sec. 15 T. 9S R. 16E County: Duchesne

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-013-30672

CHECKED BY:

Petroleum Engineer: OK

Director: _____

Administrative Aide: ^{OK} ~~As per Rule C-3 Unit Well~~
As per Rule C-3

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. _____

O.K. Rule C-3

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

Lease Designation

Plotted on Map

Approval Letter Written

Hot Line

P.I.

June 30, 1982

Diamond Shamrock
Drawer E
Vernal, Utah 84078

RE: Well No. Castle Peak Federal #44115
Sec. 15, T9S, R16E
Duchesne County

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

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

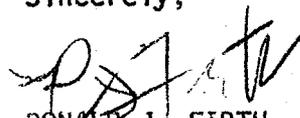
CLEON B. FEIGHT
Office: 533-5771
Home: 466-4455

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

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

The API number assigned to this well is 43-013-30672.

Sincerely,



RONALD J. FIRTH
CHIEF PETROLEUM ENGINEER

RJF:SC
cc: Minerals Management Service
Enclosure

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MANAGEMENT
SERVICE
OIL & GAS OPERATIONS
RECEIVED

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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 17.7 miles Southwest of Myton, UT

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RECEIVED
JUL 15 1982

DIVISION OF
OIL, GAS & MINING

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SIGNED Dill Elliott TITLE District Superintendent DATE 22 June 1982

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY W.P. Martin for E. W. Guynn
 TITLE District Oil & Gas Supervisor DATE JUL 14 1982

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL
STATE O & G

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

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

Identification No. 370

MINERALS MANAGEMENT SERVICE
OIL & GAS OPERATIONS RECEIVED
JUL 14 1982 -
SALT LAKE CITY, UTAH

United States Department of the Interior
Minerals Management Service
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104-3884

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Diamond Shamrock
Project Type Oil Well
Project Location 516' FEL 523' FSL Section 15, T9S, R16E
Well No. 44-15 Lease No. U-017985
Date Project Submitted June 25, 1982

FIELD INSPECTION Date July 12, 1982

Field Inspection Participants
Greg Darlington - MMS, Vernal
Gary Slagel - BLM, Vernal
Russell Hix - Diamond Shamrock
Gene Stewart - Diamond Shamrock
Floyd Murray - D.E. Casada

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

July 13, 1982
Date Prepared

Gregory Darlington
Environmental Scientist

I concur

JUL 14 1982
Date

W. W. Masten
District Supervisor

FOR E. W. GUYNN
DISTRICT OIL & GAS SUPERVISOR

Proposed Actions :

Diamond Shamrock plans to drill the Castle Peak Federal #44-15 well, a 5950' oil test of various formations. A new access road of .9 mile length will be required, about ~~1/2~~ 1/4 mile of this new road will be shared access with the proposed Diamond Shamrock Goates Federal #13-14. A pad 135' by 325' and a reserve pit 75' by 150' are planned for the location.

Recommended Approval Conditions :

The operator agrees to accept and adhere to the following conditions in addition to the plans outlined in the APD :

1. BLM stipulations
2. Lease stipulations
3. Provide adequate logs for the identification of other minerals as requested in the Mineral Evaluation Report and Mining Report.

FIELD NOTES SHEET

Date of Field Inspection: July 12, 1982

Well No.: 44-15

Lease No.: U-017985

Approve Location: ✓

Approve Access Road: ✓

Modify Location or Access Road: lots of rock to move on the access.
Very hard to put topsoil where indicated. Very
little topsoil to be found.

Evaluation of Criteria for Categorical Exclusion

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

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

Comments and special conditions of approval discussed at onsite: (include local topography)

Rocky long access in from near the
24-15, # 44-15 has been drilled and is awaiting
the anticipated arrival of a completion rig.
Considerable cut on the back side of the pad.

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria	Federal/State Agency			Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Correspondence (date)	Phone check (date)	Meeting (date)						
516 DM 2.3.A									
Public health and safety							1,2,4,6	July 12 1982	
Unique characteristics							1,2,4,6		
Environmentally controversial							1,2,4,6		
Uncertain and unknown risks							1,2,4,6		
Establishes precedents							1,2,4,6		
Cumulatively significant							1,2,4,6		
National Register historic places							1,6		
Endangered/threatened species							1,6		
Violate Federal, State, local, tribal law							1,2,4,6		

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

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



*South west View
Diamond Shamrock 44-15*



United States Department of the Interior

IN REPLY REFER TO

T & R
U-801

BUREAU OF LAND MANAGEMENT

VERNAL DISTRICT OFFICE
170 South 500 East
Vernal, Utah 84078

July 13, 1982

Ed Guynn, District Engineer
Minerals Management Service
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

Re: Joint Onsite Inspection
Diamond Shamrock Corporation
T9S, R16E, Sec. 14, Goates
Federal #13-14; T9S, R16E,
Sec. 15; Castle Peak #44-15.

Dear Mr. Guynn:

On July 12, 1982, a joint onsite inspection was made of the above referenced well site locations and proposed access roads by people representing Diamond Shamrock, Casada Construction, MMS, and the BLM. We feel that the surface use and operating plans are adequate with the following stipulations:

1. Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes shall be in accordance with the surface use standards as set forth in the booklet, "Surface Operating Standards for Oil and Gas Exploration and Development."
2. The maximum width of access roads will be 30 feet total disturbed area. Turnouts will not be required and traveling off the right-of-way will not be allowed.
3. Topsoil will be stockpiled as addressed in the applicants 13 Point Plan. Our office recommends the top 6-10 inches of topsoil material be stockpiled.
4. The BLM will be notified at least 24 hours prior to any construction.
5. The BLM will be notified at least 24 hours prior to any rehabilitation.
6. A burn pit will not be constructed. There will be no burying of garbage or trash at the location. No trash will be thrown in the reserve pit. All trash must be contained and hauled to the nearest sanitary landfill.
7. All permanent (on site for six (6) months duration or longer) structures constructed or installed, including the pumpjack, shall be painted a flat, non-reflective, earth tone color to match Tnemec 23-08351 Mesa Brown Endura-

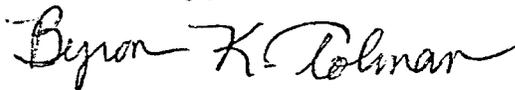
tone or an approved equal. All facilities shall be painted 6 months of when the production facilities are put in place. Facilities that are required to comply with OSHA (Occupational Safety and Health Act) standards are excluded.

8. Reserve pits will be fenced with a wire mesh fence topped with at least one strand of barbed wire.

An archaeological clearance has been conducted by Archaeological-Environmental Research Corporation of the proposed drill sites and access roads. No cultural materials were located on the surface of the survey areas.

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

Sincerely,



Ralph J. Heft
Area Manager
Diamond Mountain Resource Area

cc: ✓ MMS, Vernal

1. GEOLOGICAL NAME OF SURFACE FORMATION

- (A) Uintah Formation of Eocene Age

2. TOPS OF IMPORTANT GEOLOGICAL MARKERS

(A) Top Oil Shale	1419
(B) Horsebench Sand	2054
(C) Base Oil Shale	2929
(D) Garden Gulch MBR	3471
(E) Douglas Creek MBR	4467
(F) Douglas Creek V Sand	4649
(G) Douglas Creek III Sand	4889
(H) Douglas Creek I Sand	4927
(I) Upper Black Shale	5105
(J) Wasatch Tongue MBR	5290
(K) Wasatch Tongue III Sand	5360
(L) Wastach Tongue I Sand	5412
(M) Lower Black Shale	5765
T.D.	5950

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL OR GAS

- (A) Oil anticipated in Douglas Creek V, Douglas Creek III, Douglas Creek I Sand, Wasatch Tongue III.

4. PROPOSED CASING PROGRAM

- (A) 250' of 8 5/8" surface casing 32# per foot.
5950' of 5 1/2" 15.5 per foot. (K-55)

5. SPECIFICATION FOR PRESSURE CONTROL EQUIPMENT

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

6. PROPOSED CIRCULATING MEDIUM

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

7. AUXILIARY EQUIPMENT TO BE USED

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

8. TESTING, LOGGING AND CORING PROGRAM

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

9. ANTICIPATED ABNORMAL PRESSURES, TEMPERATURES OF HAZARDS

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

10. STARTING DATE AND DURATION OF OPERATIONS

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

DIAMOND SHAMROCK CORPORATION

13 Point Surface Use Plan

Well Location

Castle Peak Federal #44-15

Located In

Section 15, T9S, R16E, S.L.B. & M.

Duchesne County, Utah

DIAMOND SHAMROCK CORPORATION
Castle Peak Federal #44-15
Section 15, T9S, R16E, S.L.B. & M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach DIAMOND SHAMROCK CORPORATION, well location site Castle Peak Federal #44-15, located in the SE 1/4 SE 1/4 Section 15, T9S, R16E, S.L.B. & M., Duchesne County, Utah:

Proceed Westerly out of Myton, Utah along U.S. Highway 40 - 1.4 miles + to the junction of this Highway and Utah State Highway 53; proceed Southerly along Utah State Highway 53 - 1.6 miles to its junction with Utah State Highway 216; proceed Southerly along State Highway 216 - 9.2 miles to its junction with an existing dirt road to the Southwest proceed Southwesterly along this road 5.5 miles to the junction of this road and an existing dirt road to the Southeast; proceed Southeasterly along this road 1.1 miles to the beginning of the proposed access road to be described in Item #2.

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

The aforementioned dirt road will require upgrading which will meet the requirements of Item #2.

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

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The planned access road leaves the existing road described in Item #1 in the NW 1/4 SE 1/4 Section 15, T9S, R17E, S.L.B. & M., and proceeds in a Northeasterly then Southerly direction approximately 0.9 miles to the proposed location site.

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

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

There will be no culverts required along this access road.

There will be no turnouts required along this road.

There are no fences encountered along this access road therefore there are no gates or cattleguards required.

DIAMOND SHAMROCK CORPORATION
Castle Peak Federal #44-15
Section 15, T9S, R16E, S.L.B. & M.

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

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

3. LOCATION OF EXISTING WELLS

See Topographic Map "B".

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

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

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

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

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

5. LOCATION AND TYPE OF WATER SUPPLY

See Topographic Map "B".

At the present time, it is anticipated that the water for this well will be hauled by truck over the existing roads and the proposed access road approximately 17.7 miles from the Duchesne River at a point where it crosses under U.S. Highway 40.

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

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

DIAMOND SHAMROCK CORPORATION
Castle Peak Federal #44-15
Section 15, T9S, R16E, S.L.B. & M.

6. SOURCE OF CONSTRUCTION MATERIALS

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

7. METHODS OF HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve pit will be constructed.

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

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

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

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

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

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

A portable toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

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

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

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

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

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

10. PLANS FOR RESTORATION OF SURFACE

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

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

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

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

11. OTHER INFORMATION

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

The area is a large basin formed by the Uinta Mountains to the North and the Book Cliff Mountains to the South. The Duchesne River is located approximately 12 miles to the North of the location site.

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

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

DIAMOND SHAMROCK CORPORATION
Castle Peak Federal #44-15
Section 15, T9S, R16E, S.L.B. & M.

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

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

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

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

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

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

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

Castle Peak Federal #44-15 is located approximately 2000' South of Castle Peak Draw a non-perennial drainage which runs to the South and East into the Green River.

The terrain in the vicinity of the location slopes from the Northwest through the location site to the Southeast at approximately a 13.0% grade.

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

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

All lands involved under this action are under B.L.M. 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
DIAMOND SHAMROCK CORPORATION
85 South 200 East
Vernal, UT 84078

1-801-789-5270

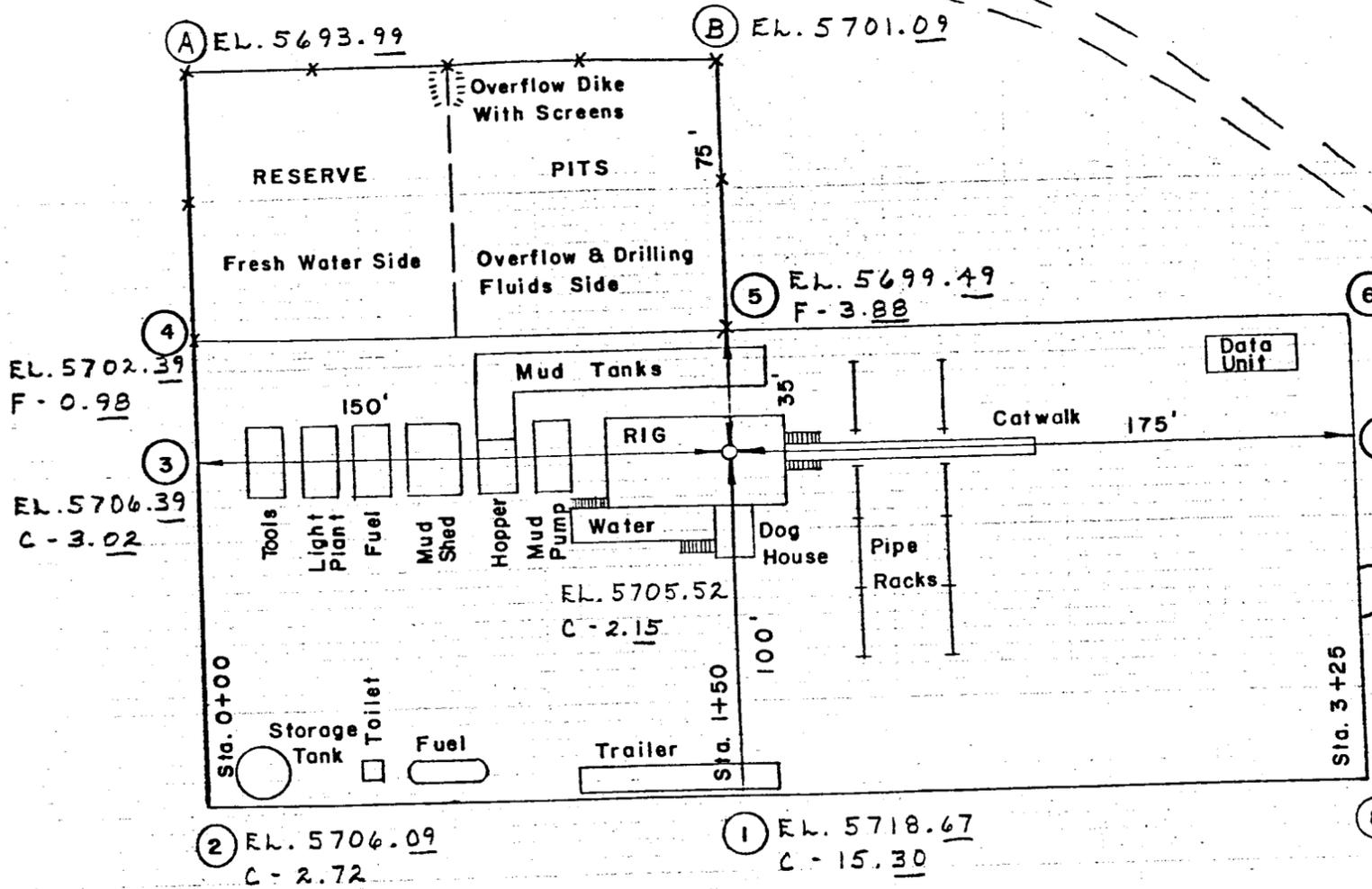
DIAMOND SHAMROCK CORPORATION
Castle Peak Federal #44-15
Section 15, T9S, R16E, S.L.B. & M.

13. CERTIFICATION

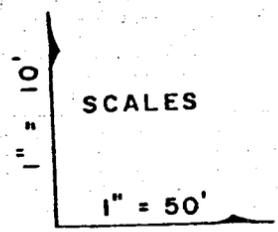
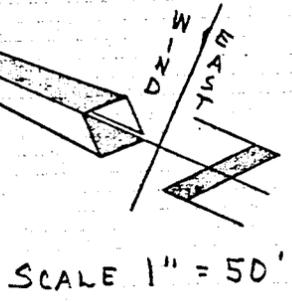
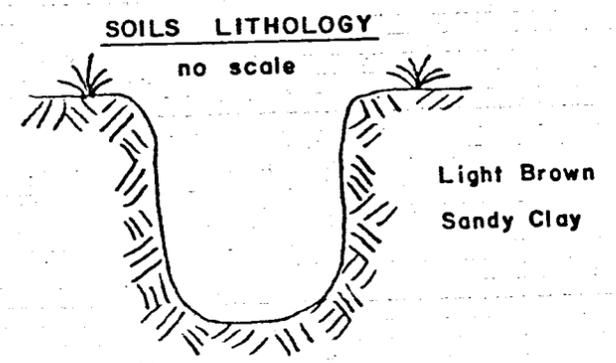
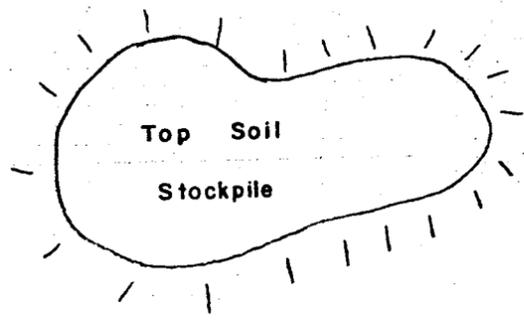
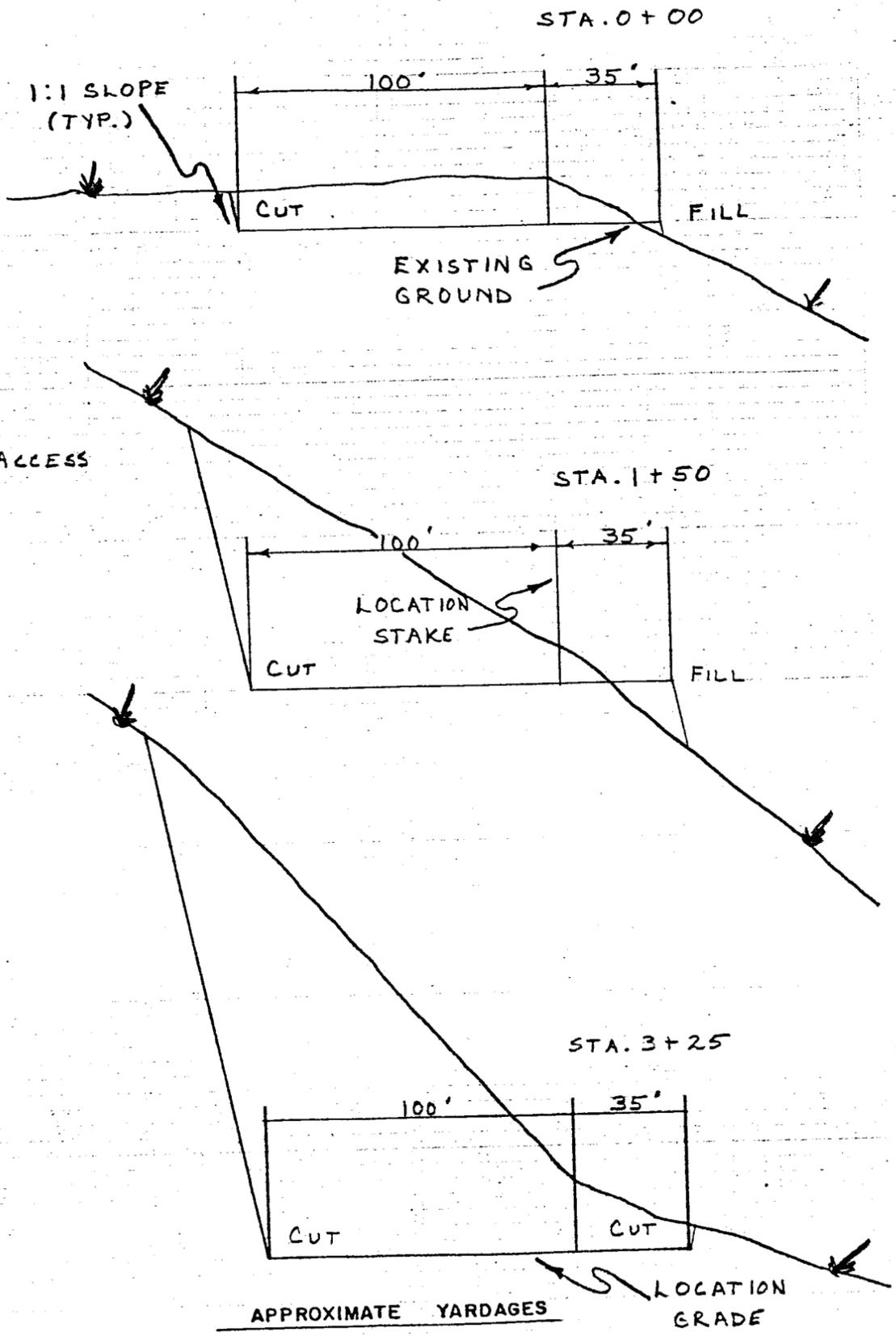
I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are to the best of my knowledge true and correct; and that the work associated with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

June 18, 1982
Date

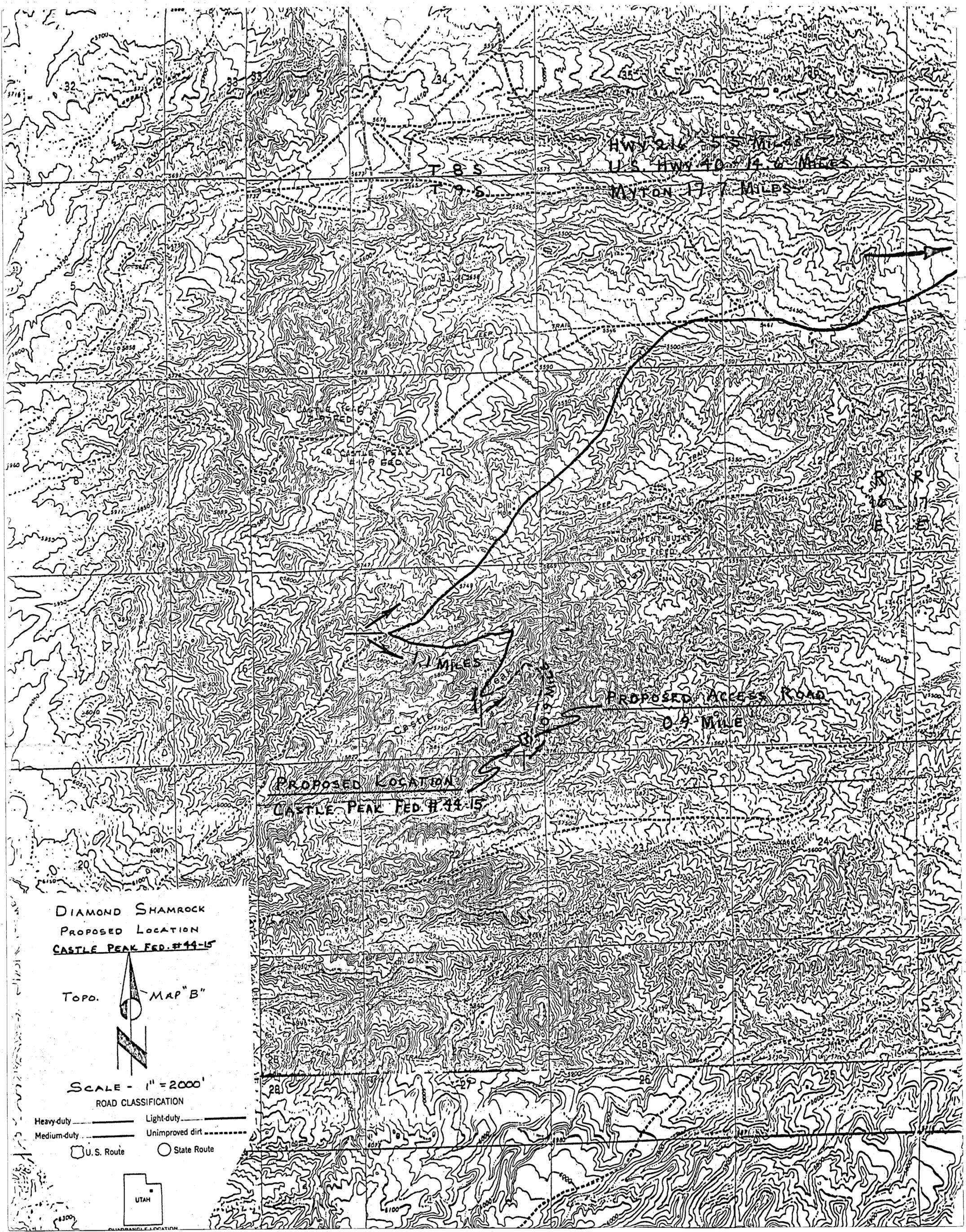
Bill Elliot
Bill Elliot



CROSS SECTIONS



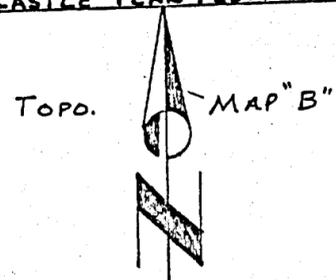
APPROXIMATE YARDAGES
 Cubic Yards of Cut - 14,232
 Cubic Yards of Fill - 326



HWY 214 5.3 MILES
U.S. HWY 40 14.6 MILES
MAYTON 17 MILES

PROPOSED ACCESS ROAD
0.9 MILE
PROPOSED LOCATION
CASTLE PEAK FED. #44-15

DIAMOND SHAMROCK
PROPOSED LOCATION
CASTLE PEAK FED. #44-15



SCALE - 1" = 2000'
ROAD CLASSIFICATION

- Heavy-duty _____
- Medium-duty _____
- Light-duty _____
- Unimproved dirt - - - - -
- U.S. Route □
- State Route ○





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

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

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

March 4, 1983

Diamond Shamrock Corporation
Drawer E
Vernal, Utah 84078

Re: See attached list of wells

Gentlemen:

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

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

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

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Well Records Specialist

CF/cf

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

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

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

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

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

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

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



Diamond Shamrock

March 11, 1983

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

Re: See attached list of wells

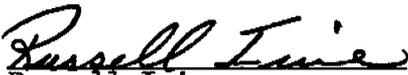
Ms. Furse:

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

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

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

Yours truly,


Russell Ivie
District Superintendent
DIAMOND SHAMROCK CORPORATION
Vernal District Office

Enclosures

xc: file

RI/ln

MAR 11 1983

DIVISION OF

OIL, GAS & MINING

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

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

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

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

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

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

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

RECEIVED
AUG 31 1983

August 10, 1983

Diamond Shamrock
Drawer E
Vernal, UT 84078

DIVISION OF
OIL, GAS & MINING

Re: Rescind Application for Permit
to Drill
Well No. 44-15 CASCO PLANK FED.
Section 15-T9S-R16E
Duchesne County, Utah
Lease No. U-017985

Gentlemen:

The Application for Permit to Drill the referenced well was approved on June 23, 1982. Since that date no known activity has transpired at the approved location. Under current District policy, applications for permit to drill are effective for a period of one year. In view of the foregoing this office is rescinding the approval of the referenced application without prejudice. If you intend to drill at this location at a future date, a new application for permit to drill must be submitted.

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

Please send requested information to Chief, Branch of Fluid Minerals, Bureau of Land Management, 1745 W. 1700 S., 2000 Administration Bldg., Salt Lake City, UT 84104.

Sincerely,

E. W. Guyan
Chief, Branch of
Fluid Minerals

bcc: BLM-Vernal
State O&G
State BLM
Well File
APD Control
DSD/MR Reading
922:DHorsley:rs:8/10/83:4590



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

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

September 14, 1983

Diamond Shamrock
Drawer E
Vernal, Utah 84078

RE: Rescind Application for
Permit to Drill
Well No. Castle Peak Fed. 44-15
Sec. 15, T. 9S, R. 16E
Duchesne County, Utah

Gentlemen:

Approval of Application for Permit to Drill the above referenced well is rescinded without prejudice as of the above date in concert with action taken by Branch of Fluid Minerals.

If you intend to drill this location at a future date, a new application for permit to drill may be submitted for State approval.

Sincerely,

A handwritten signature in cursive script, appearing to read "Norman C. Stout".

Norman C. Stout
Administrative Assistant

NS/as