

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK			5. LEASE DESIGNATION AND SERIAL NO. 14-20-H62-2819 6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute 7. UNIT AGREEMENT NAME 8. FARM OR LEASE NAME Ute 9. WELL NO. 1-27A6 10. FIELD AND POOL, OR WILDCAT Altamont/Wasatch-No. Hor 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NW/4 NE/4 Section 27-T1S-R6W 12. COUNTY OR PARISH 13. STATE Duchesne Utah
1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			
2. NAME OF OPERATOR Shell Oil Company			
3. ADDRESS OF OPERATOR 1700 Broadway, Denver, Colorado 80290			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1196' FNL & 1585' FEL Section 27 At proposed prod. zone			
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 20+ miles NW of Duchesne, Utah			
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1196'	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. No other wells on this lease	19. PROPOSED DEPTH 15,800	20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 7096' Ungr. GR		22. APPROX. DATE WORK WILL START* January 15, 1979	
23. PROPOSED CASING AND CEMENTING PROGRAM Drlg compl March 31, 1979			

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See Attachment	#2			

- Attachments:
- 10 Pt. Check List
 - 1. Drilling Prognosis
 - 2. Casing & Cementing Program
 - 3. BOP, Well Head and Auxiliary Equipment
 - 13 Pt. Land Use Plan
 - 1. Survey Plat
 - 2. Topo Maps (2)
 - 3. Location Layout Plat

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 P. Plautz TITLE Div. Opers. Engr. DATE 11/16/78
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS

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
Shell Oil Company

3. Address of Operator
1700 Broadway, Denver, Colorado 80290

4. Location of Well (Report location clearly and in accordance with any State requirements.*)
At surface 1196' FNL & 1585' FEL Section 27
At proposed prod. zone *rw ne usm*

14. Distance in miles and direction from nearest town or post office*
20+ miles NW of Duchesne, Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) 1196'
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. No other wells on this lease
19. Proposed depth 15,800 *North Horn*
20. Rotary or cable tools Rotary

21. Elevations (Show whether DF, RT, GR, etc.) Ungr. GR 7096'
22. Approx. date work will start* January 15, 1979

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
See Attachments				

5. Lease Designation and Serial No.
14-20-H62-2819

6. If Indian, Allottee or Tribe Name
Ute

7. Unit Agreement Name

8. Farm or Lease Name
Ute

9. Well No.
1-27A6

10. Field and Pool, or Wildcat
Altamont/Wasatch-No. Horn

11. Sec., T., R., M., or Blk. and Survey or Area
NW/4 NE/4 Section 27-T1S-R6W

12. County or Parrish 18. State
Duchesne Utah

Attachments:

1. Survey Plat
2. Casing & Cementing Program
3. Drilling Prognosis

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 *R. Plauty* Title Div. Opers. Engr. Date 11/16/78
(This space for Federal or State office use)

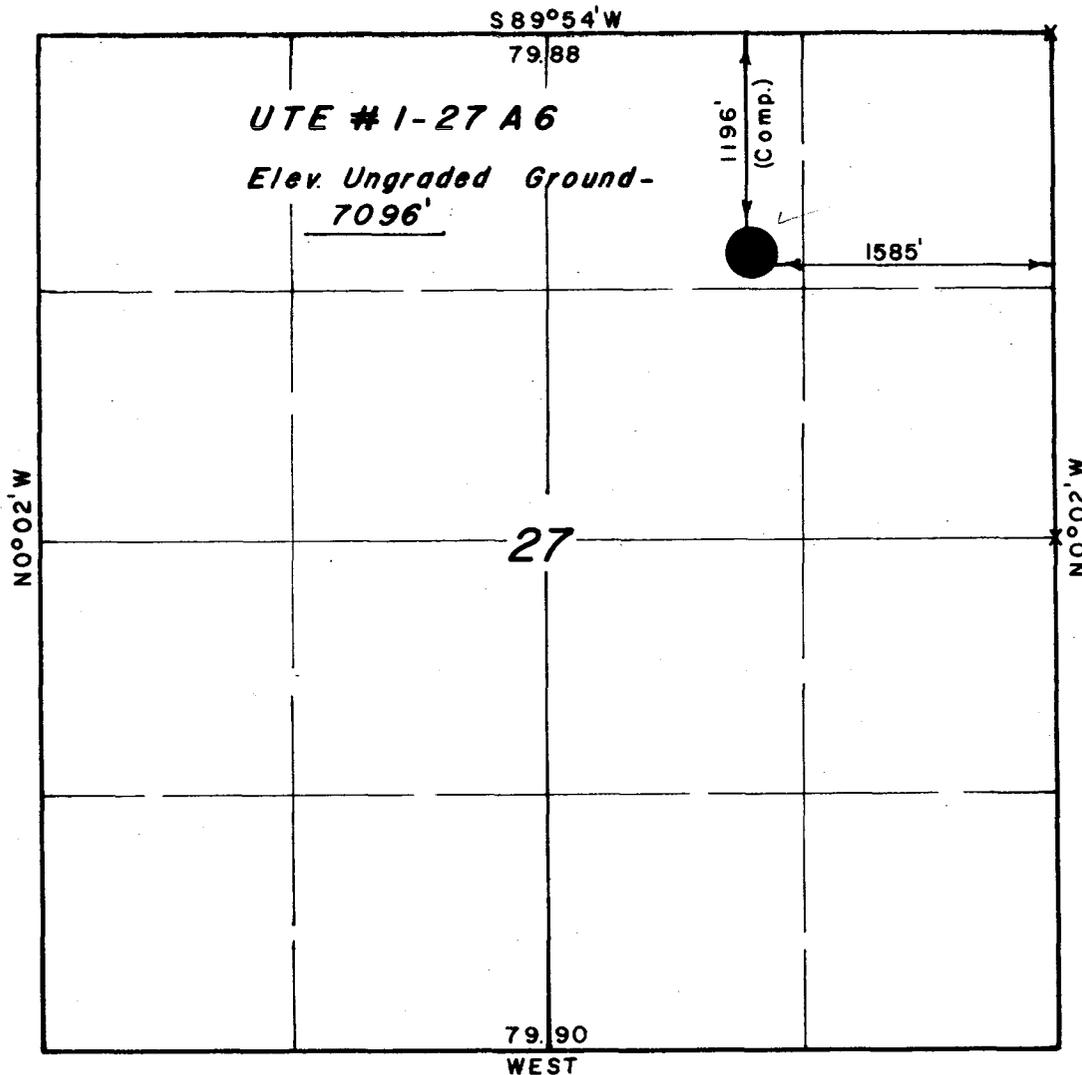
Permit No. 43-013-30477 Approval Date

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

T1S, R6W, U.S.B. & M.

PROJECT
SHELL OIL COMPANY

Well location, UTE # 1-27 A 6
located as shown in the NW1/4 NE1/4
Section 27, T1S, R6W, U.S.B. & M.
Duchesne County, Utah.



CERTIFICATE

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

Jane Stewart

REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

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

SCALE 1" = 1000'	DATE 11/1/78
PARTY SS. J.M.	REFERENCES SM GLO Plat
WEATHER Cool	FILE SHELL OIL CO.

X = Section Corners Located

SHELL OIL COMPANY
UTE #1-27 A 6



TOPO. MAP 'A'

1" = 4 MILES



SHELL OIL COMPANY
UTE #1-27 A 6

TOPO. MAP B



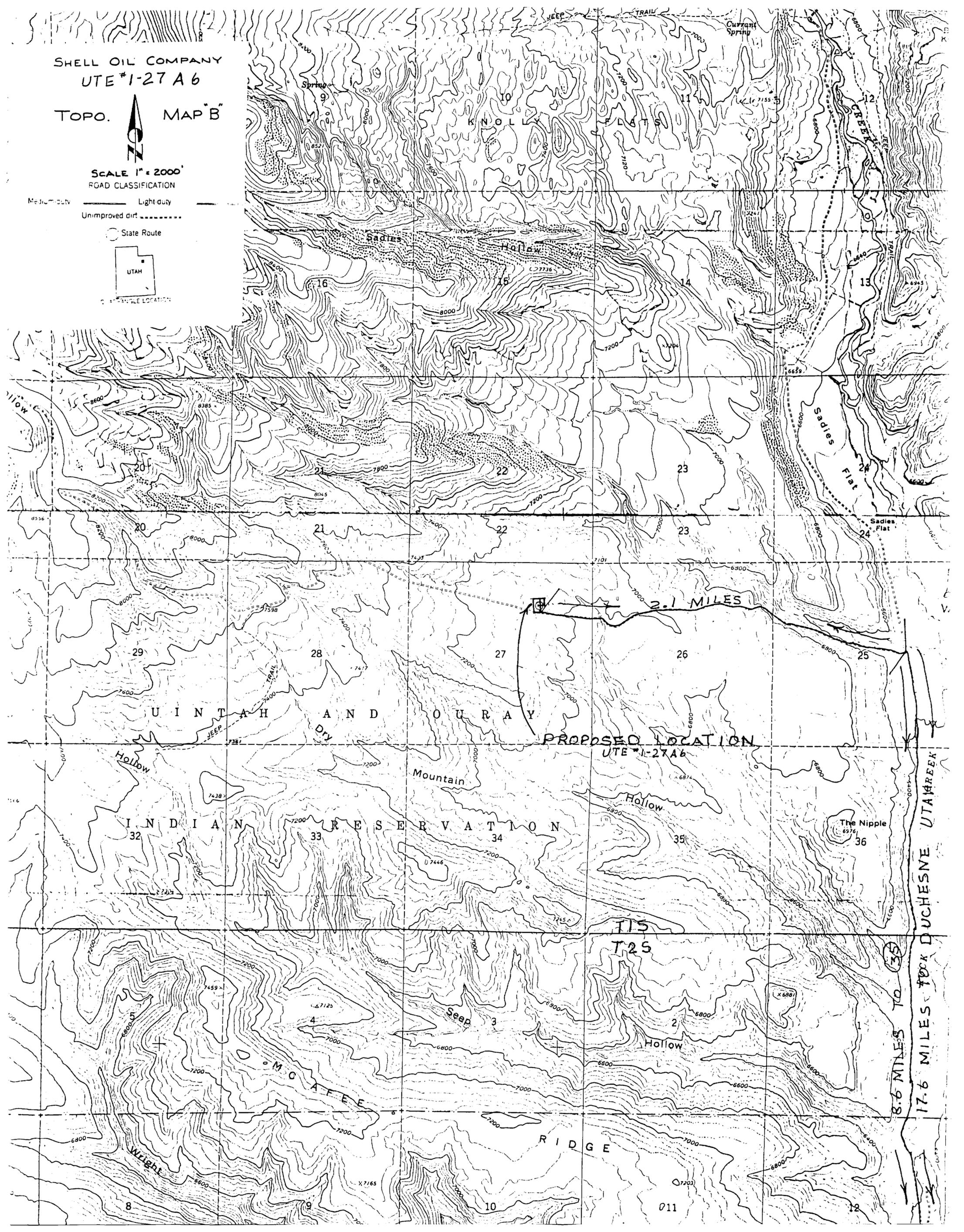
SCALE 1" = 2000'
ROAD CLASSIFICATION

Medium duty ——— Light duty ———
Unimproved dirt - - - - -

State Route



ANGLE LOCATION



PROPOSED LOCATION
UTE #1-27 A 6

2.1 MILES

UINTAH AND OURAY

INDIAN RESERVATION

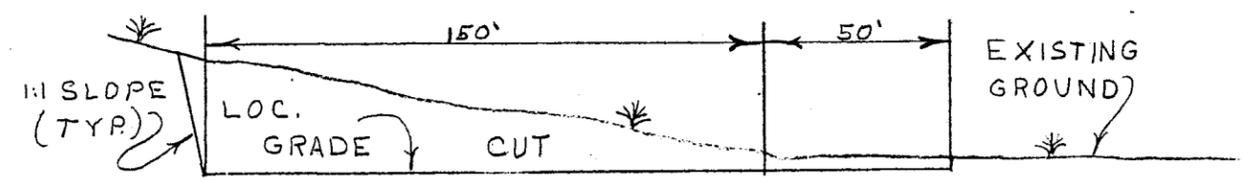
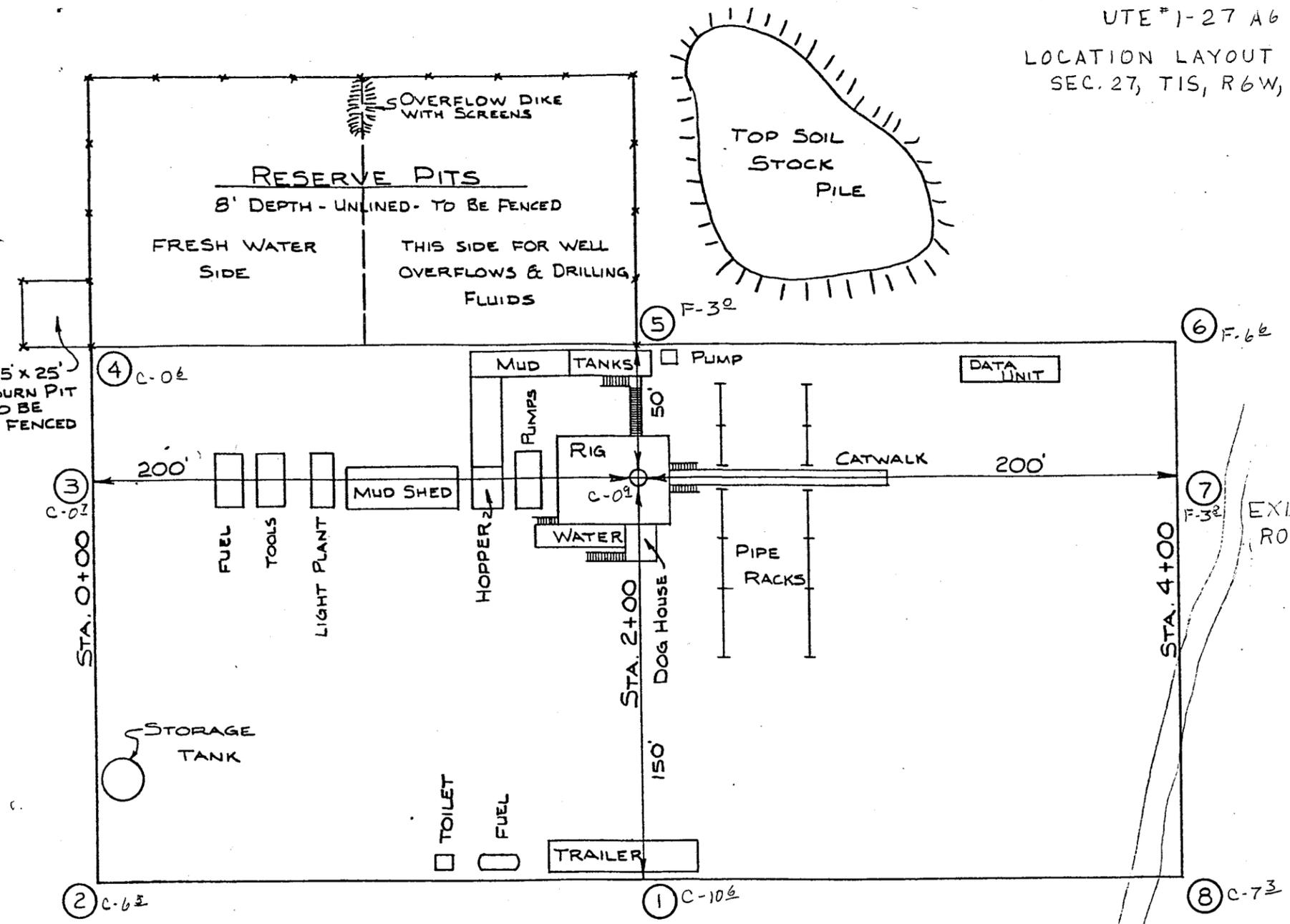
T15
T25

8.6 MILES TO 35
17.6 MILES TO DUCHESNE UTAH RIVER

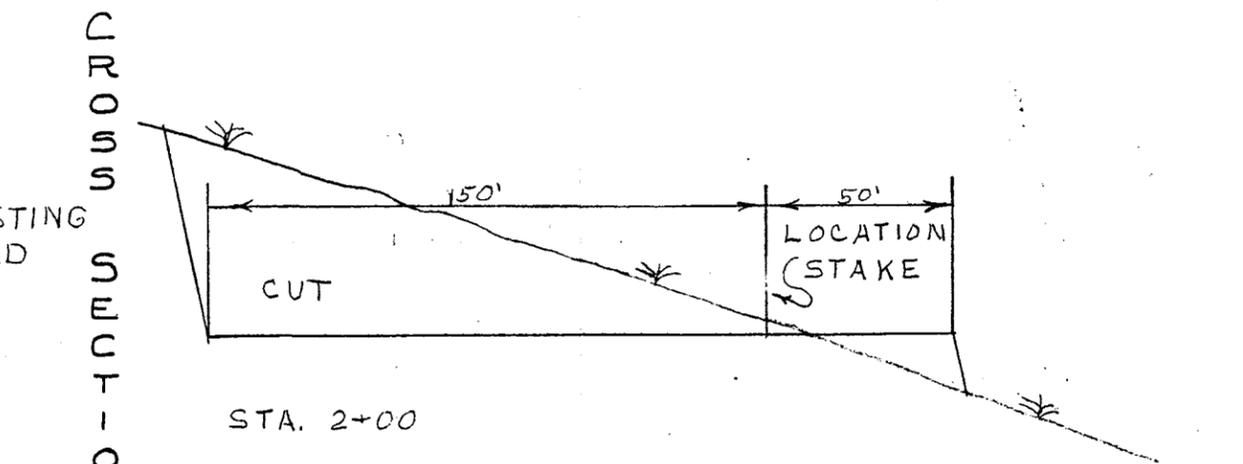
SHELL OIL COMPANY

UTE #1-27 A6

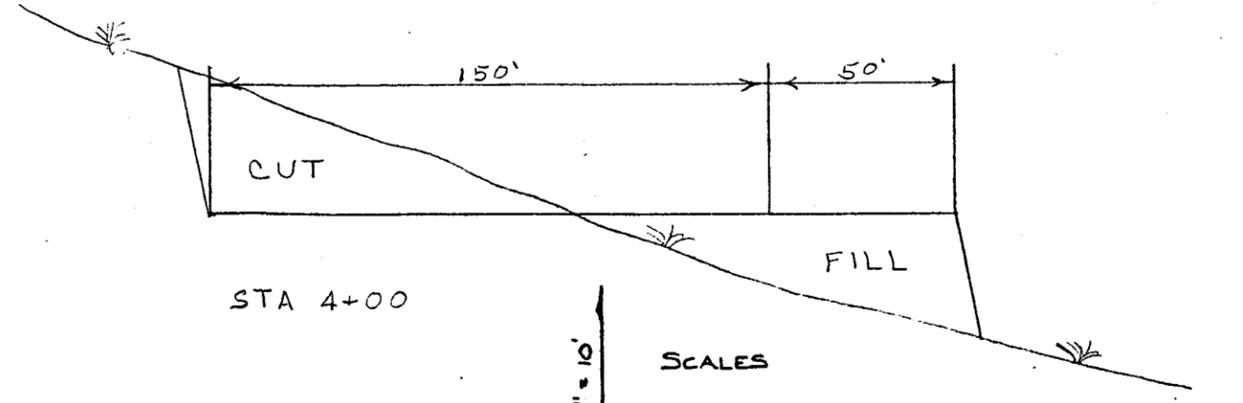
LOCATION LAYOUT & CUT SHEET
SEC. 27, T1S, R6W, U.S.B.&M.



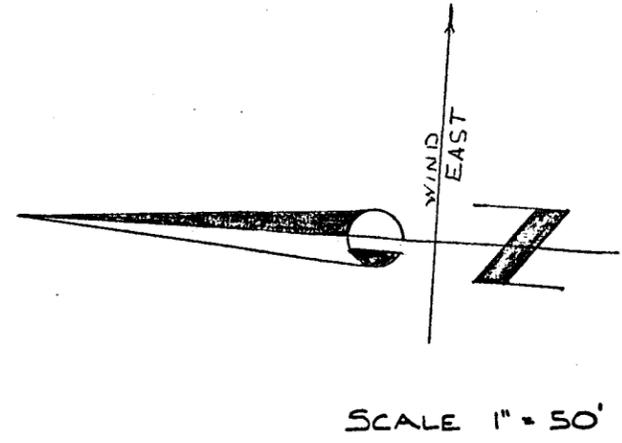
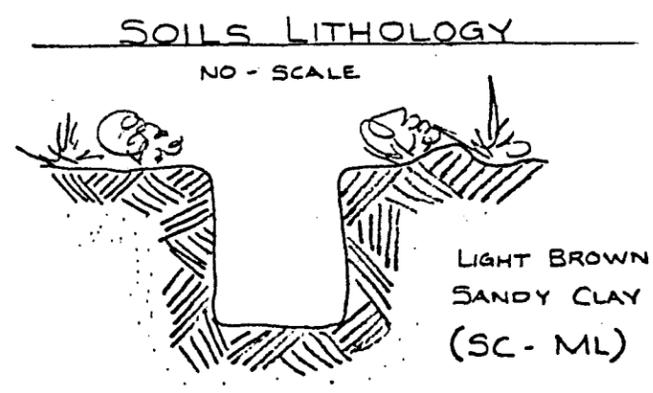
STA 0+00



STA. 2+00



STA 4+00



SCALES
1" = 50'

APPROX YARDAGES

CUT 10551 CU. YDS.
FILL 1878 CU YDS.

• PLANNED
CASING, CEMENTING AND MUD PROGRAMS

CONDUCTOR CASING at approx. 300 '

<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Connection</u>	<u>Length</u>	<u>Condition</u>
13-3/8	48#	H40	ST&C	300	New

Cement to be: Class "G" + 3% CaCl₂ (400+ sx)

SURFACE CASING at approx. 7000 '

<u>Sec. No.</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Connection</u>	<u>Length</u>	<u>Condition</u>
1	9-5/8	40#	K55	LT&C	7000	New

Cement to be: 2 Stages: 1. "Lite cement (500+ sx) + Class "G" (200+ sx)
 2. (Surface Job) "Lite" cement (300+ sx)

PROTECTIVE/PRODUCTION CASING at approx. 12,000 '

<u>Sec. No.</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Connection</u>	<u>Length</u>	<u>Condition</u>
1	7"	26#	S95	LT&C	12,000	New

Cement to be: 3 Stages: 1) @ 12,000' - Lite cement (250+ sx) + Class "G" (200+ sx)
 2) @ 9000' - Lite cement (350+ sx)
 3) @ 6000' - Lite cement (500+ sx)

PRODUCTION LINER at approx. 15,800 '

<u>Sec. No.</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Connection</u>	<u>Length</u>	<u>Condition</u>
1	5"	18#	N80	SFJ	4000	New

Cement to be: Class "G" + 30% Silica Flour (300+ sx)

Max. Anticipated BHP: 10,300 psi @ 15,800 ft.

Drilling Fluid: High ph - low lime mud

Well Name UTE 1-27A6

Field Altamont

County Duchesne

State Utah

Attachment No. 2

UTE 1-27A6
SECTION 27-T1S-R6W
DUCHESNE COUNTY, UTAH

10 PT. DRILLING PLAN CHECK LIST

1. Geologic Name of Surface Formation
Duchesne River
2. Estimated Tops of Geologic Markers
See Attachment #1
3. Estimated Depths at which Water, Oil, Gas or other Minerals expected
to be Encountered.
Oil & Gas - Wasatch 10,000'± to TD
4. Casing Program
See Attachment #2
5. Specifications for Pressure Control Equipment & Testing Procedures
See Attachment #3
6. Circulating Mediums
See Attachment #1
7. Auxiliary Equipment to be Used
See Attachment #3
8. Testing, Logging and Coring Programs
See Attachment #1
9. No Abnormal Pressures or Temperatures are expected to be Encountered.
10. Starting and Finishing Dates
See Item 22 on Application

DRILLING WELL PROGNOSIS

WELL NAME UTE 1-27A6
 TYPE WELL DEVELOPMENT
 FIELD/AREA ALTAMONT

APPROX. LOCATION (SUBJECT TO SURVEY) NW NE SEC. 27, T 15, R 6W

EST. G. L. ELEVATION 6950+ PROJECTED TD 15,800 OBJECTIVE WASATCH

HOLE SIZE	CASING PROGRAM	LOGGING PROGRAMS	MAX DEV.	DEPTHS AND FORMATION TOPS	SPECIAL INSTRUCTIONS
17 1/2"	13 3/8"			13 3/8" CSG 300'	SAMPLES: 30' Samples Surface to 6400' 10' Samples 6400' to T.D.
12 1/4"	9 5/8"	6400'		TGR-1 6750' (+1020)	
				9 5/8" CSG 7000+	CORES: None
					DST'S: None
3 3/4"	7" To Surface			TGR-3 10,000'	DEVIATION CONTROL Drift Shots on Dull Bits. Maximum 1 1/2°/100' dogleg severity
		DIL-SP-GR CNL-FDC-GR-CAL BHC Sonic-GR		T/Transition 11,200'	CEMENT 13 3/8" Cement to Surface 9 5/8" Cement to 5000' Bullhead Top Job. 7" Three stage cement job to surface
		2-Man Mud Logging Unit		7" CSG 12,000' ± 200'	MUD 0-300': Gel & Lime native mud 300-10,000: Clear water 10,000-TD: High Ph, low lime Weighted mud.
6 1/8"	5" Liner			B/Transition 14,500'	NOTE: Control mud weight to maintain a 300 psi overbalance. Refer to "Expected Pressure Distribution" for required weights.
				North Horn 15,500' (-6665)	
				TD 15,800	

ORIGINATOR: K. J. Hellmer DATE _____

ENGINEERING APPROVAL: _____

PETROLEUM: _____

OPERATIONS: _____

ATTACH 1

OPERATIONS APPROVAL: _____

DIV. DRILLING SUPT. _____

• PLANNED
CASING, CEMENTING AND MUD PROGRAMS

CONDUCTOR CASING at approx. 300 '

<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Connection</u>	<u>Length</u>	<u>Condition</u>
13-3/8	48#	H40	ST&C	300	New

Cement to be: Class "G" + 3% CaCl₂ (400+ sx)

SURFACE CASING at approx. 7000 '

<u>Sec. No.</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Connection</u>	<u>Length</u>	<u>Condition</u>
1	9-5/8	40#	K55	LT&C	7000	New

Cement to be: 2 Stages: 1. "Lite cement (500+ sx) + Class "G" (200+ sx)
 2. (Surface Job) "Lite" cement (300+ sx)

PROTECTIVE/PRODUCTION CASING at approx. 12,000 '

<u>Sec. No.</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Connection</u>	<u>Length</u>	<u>Condition</u>
1	7"	26#	S95	LT&C	12,000	New

Cement to be: 3 Stages: 1) @ 12,000' - Lite cement (250+ sx) + Class "G" (200+ sx)
 2) @ 9000' - Lite cement (350+ sx)
 3) @ 6000' - Lite cement (500+ sx)

PRODUCTION LINER at approx. 15,800 '

<u>Sec. No.</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Connection</u>	<u>Length</u>	<u>Condition</u>
1	5"	18#	N80	SFJ	4000	New

Cement to be: Class "G" + 30% Silica Flour (300+ sx)

Max. Anticipated BHP: 10,300 psi @ 15,800 ft.

Drilling Fluid: High ph - low lime mud

Well Name UTE 1-27A6

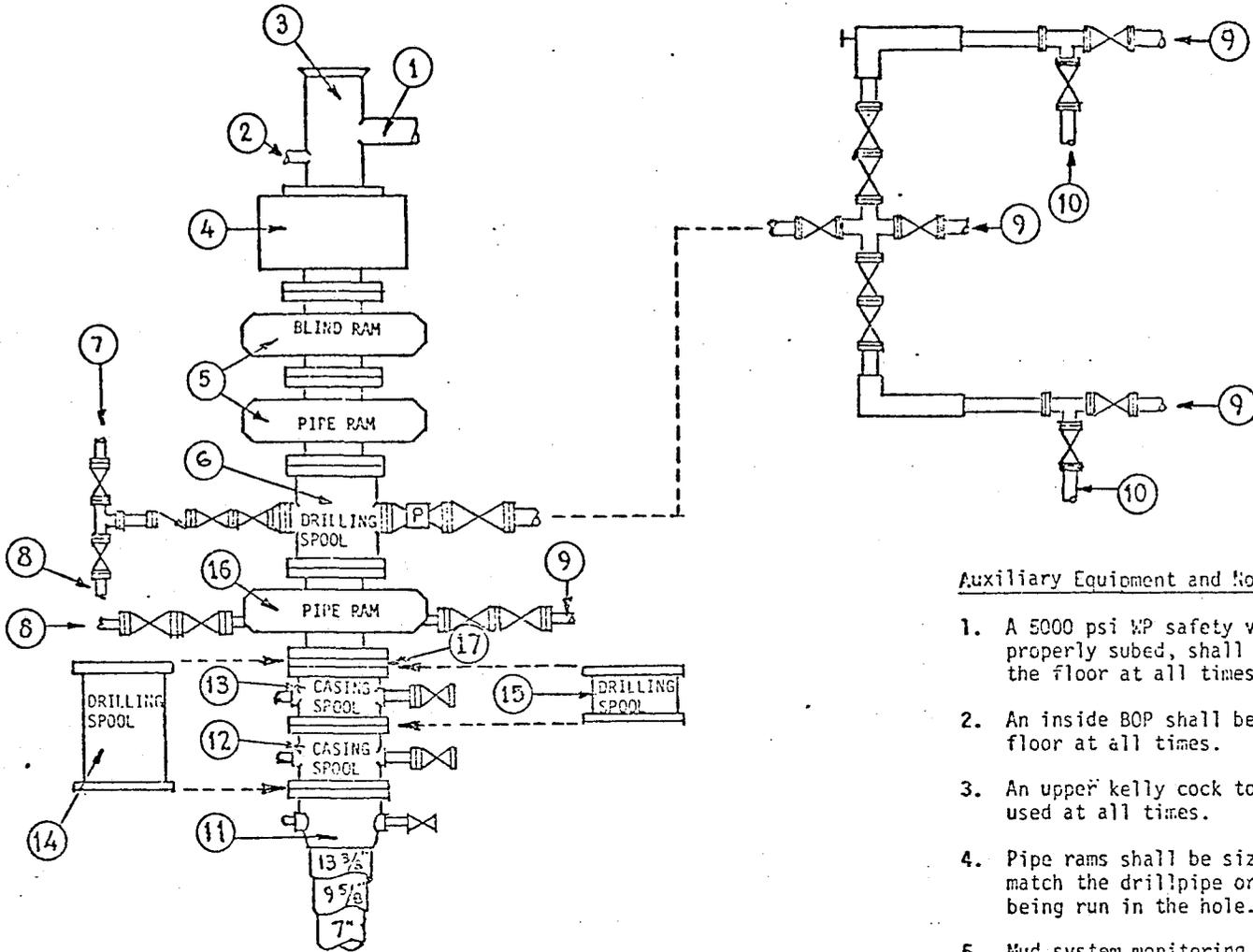
Field Altamont

County Duchesne

State Utah

Attachment No. 2

BLOWOUT PREVENTION, WELLHEAD, AND AUXILIARY EQUIPMENT



Auxiliary Equipment and Notes:

1. A 5000 psi WP safety valve, properly subed, shall be on the floor at all times.
2. An inside BOP shall be on the floor at all times.
3. An upper kelly cock to be used at all times.
4. Pipe rams shall be sized to match the drillpipe or casing being run in the hole.
5. Mud system monitoring equipment will be installed (with derrick floor indicators) and used throughout the period of drilling after mud up or upon reaching a depth at which abnormal pressures could occur.
6. BOP equipment shall be pressure tested upon installation and periodically thereafter. Operational test of ram type preventers shall be performed on each trip.

Item No.	Description
1	Mud return flow line
2	Fillup line - min. 2"
3	Drilling Nipple
4	13-5/8" - 5000 psi WP-Annular Bag Type BOP - Shaffer or Hydril
5	Two single or one dual - hydraulically operated - 13-5/8" - 5000 psi WP - Ram Type BOP - Cameron Type U or Shaffer LWS
6	13-5/8" - 5000 psi WP Drilling Spool
7	To mud pumps
8	To remote pump in station
9	To burn pit
10	To gas buster
11	12" - 3000 psi WP-Slip On and Weld-Casing Head
12	12" - 3000 psi WP x 10" - 5000 psi WP Casing Spool
13	10" - 5000 psi WP x 10" - 5000 psi WP Casing Spool
14	12" - 3000 psi WP x 13-5/8" - 5000 psi WP Drilling Spool - White Drilling 12-1/4" hole
15	10" - 5000 psi WP x 10" - 5000 psi WP Drilling Spool - White Drilling 6-3/4" hole
16	13-5/8" - 5000 psi - Hydraulically Operated - Cameron Type U - Ram Type BOP
17	13-5/8" - 5000 psi WP x 10" - 5000 psi WP Double Studed Adapter Flange

Well Name UTE 1-27A6

Field ALTAMONT

County DUCHESNE

State UTAH

Attachment No. 3

SHELL OIL COMPANY
13 Point Surface Use Plan
For
Well Location
Ute 1-27 A6
Located In
Section 27, T1S, R6W, U.S.B. & M.
Duchesne County, Utah

SHELL OIL COMPANY

Ute 1-27 A6

Section 27, T1S, R6W, U.S.B. & M.

1. EXISTING ROADS

See attached Topographic Map "A".

To reach Shell Oil Company well location, Ute 1-27 A6 located in the NW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 27, T1S, R6W, U.S.B. & M., Duchesne County, Utah; proceed Northerly out of Duchesne, Utah along Utah State Highway 87, 6 miles to its junction with Utah State Highway 35 to the West; proceed Westerly along this Highway 4 miles to Utah, Utah and the junction of this Highway and the Rock Creek Road, proceed Northerly along the Rock Creek Road 8.4 miles to its junction with a road to the West; proceed Westerly along this road 2.1 miles to the proposed location site.

The Highways mentioned in the foregoing paragraph are bituminous surfaced roads to the beginning of the graveled roads.

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.I.A. or other controlling agencies.

2. PLANNED ACCESS ROAD

See attached Topographic Map "B".

There will be no planned access road as the existing road goes to the location site.

3. LOCATION OF EXISTING WELLS

There are no other wells within a one mile radius of this location (See Topographic Map "B") for exact location of this well within Section 27, T1S, R6W, U.S.B. & M., see the location plat.

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

At the present time there are no other Shell Oil Company batteries, production facilities, oil gathering lines, gas gathering lines, injection and disposal lines within a one mile radius.

In the event that the production of this well is established, then the existing area of the location will be utilized for the establishment of the necessary production facilities. An additional area may be required to facilitate the necessary tank facilities.

This 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.

The total area that is needed for the production of this well will be fenced and cattleguards will be utilized for access to these facilities.

In the event that production is established, plans for a flow line to existing transmission lines will be submitted to the proper authorities.

If there are any deviations from the above paragraphs then all appropriate agencies will be notified prior to the construction and all necessary requests and applications will be made.

5. LOCATION OF AND TYPE OF WATER SUPPLY

At the present time it is anticipated that the necessary water will be hauled by truck using the road described in Items #1 and #2, from Rock Creek approximately 2.1 miles East of the location site, to the proposed location site.

If this water source is not used, then the necessary arrangements will be made to acquire water from other sources and will be hauled by truck over portions of the road that are described in Items #1 and #2.

The local governmental agencies and any other parties involved will be notified and all governing guidelines and regulations will be strictly adhered to.

6. SOURCES OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during the 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.

The native materials that will be used in the construction of this location site and access road will consist of a sandy-clay soil and cobble rock during the actual construction of the road and location.

7. METHODS FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve and burn pit will be constructed.

The reserve pit will be approximately 8' deep and at least one half of this depth shall be below the 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 water fowl, wildlife and domestic animals.

At the onset of drilling, the 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 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 will be burned and the residue will be 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 attached Location Layout Sheet.

The B.I.A. Representative shall be notified before any construction begins on the proposed location site and road.

As mentioned in Item #6, 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. PLANES FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, it 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 the stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during the construction activities shall be restored to their original line of flow as near as possible. Fences around the pits are to be removed upon completion of drilling activities and all waste being contained in the trash pits shall be burned and the non-combustible materials buried with a minimum of 5' of cover.

As mentioned in Item #7, the reserve pit will be completely fenced and wired and overhead flagging installed if there is oil in the pits, it will be allowed to dry completely 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 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 Item #7 and #10.

11. OTHER INFORMATION

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

The area is at the Northwest end of the Uintah Basin which is formed by the Book Cliff Mountains and the Green River to the South and the Uinta Mountains to the North, the area is interlaced with numerous canyons and ridges formed in sandstone, cobble-rock conglomerates and shale deposits.

11. OTHER INFORMATION - continued

The majority of the larger drainages, draining from the Uinta Mountains are perennial streams which drain Southerly into the Green River, a major river in this area.

The majority of the smaller drainages are of a non-perennial nature with normal; flow limited to the early spring run-off and extremely rare heavy thunderstorms or rain storms of high intensity that last over an extended period of time and are extremely rare in nature as the normal annual precipitation is only 8".

The soils of this semi-arid area are of the Uinta Formation and Duchesne River Formation (the Fluvial sandstone and mudstone) from the Eocene Epoch and Quaternary Epoch (gravel surfaces) and the visible soils (SM-ML) with poorly graded gravels and shales with outcrops of rock (sandstone mudstone, conglomerates, and shales).

Due to the low precipitation average, climatic 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 and in the lower elevations of the Uinta Basin. It consists of as primary flora, areas of sagebrush, rabbitbrush, some grasses, and cacti, on the upper benches with cottonwoods, beach, willows, Russian olives, and grasses along the lower levels close to the wet areas and streams.

There are areas within close proximity to the proposed location that have been and areas that are cultivated by man and some crops are raised which consist mostly of forage type crops and are then utilized as pasture.

The fauna of the area is sparse and consists predominatly of the mule deer, coyotes, rabbits, and varieties of small ground squirrels and other types of rodents, and various reptilies common to this area,

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

The area is used by man for the primary purpose of grazing domestic livestock.

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

Ute 1-27 A6 sits on a relatively flat area above Mountain Hollow which is approximately 1 mile South of the proposed location. Mountain Hollow drains to the East into the Rock Creek a perennial stream which drains into the Duchesne River and Green River to the South.

The geologic structures of the area surrounding this location site are from the Duchesne River Formation containing fluvial sandstones and mudstones from the Eocene Epoch and relatively younger alluvial deposits chiefly along the active stream beds.

The ground slopes from the West through the location to the East approximately a 3% grade toward Seep Hallow.

The location is covered with grasses, sagebrush, juniper, and pinion trees.

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").

SHELL OIL COMPANY
Ute 1-27 A6
Section 27, T1S, R6W, U.S.B & M.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

K. W. Lamb
Shell Oil Company
1700 Broadway
Denver, Colorado 80202

J.J. Smith
Shell Oil Company
1700 Broadway
Denver, Colorado 80202

Tele: 1-303-861-4408

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 Shell Oil Company 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.

11-14-78

DATE



K. W. Lamb



J.J. Smith

11/14/78

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: Nov. 22 -

Operator: Shell Oil Co.

Well No: Ute 1-27A6

Location: Sec. 27 T. 1S R. 6W County: Duchesne

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

Card Indexed: Completion Sheet:

API Number: 43-013-30477

CHECKED BY:

Administrative Assistant: [Signature]

Remarks: No other wells - Sec. 27

Petroleum Engineer: _____

Remarks: _____

Director: [Signature]

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: _____

Outside spaced area (1398)

Letter written/Approved

SCOTT M. MATHESON
Governor



OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS, AND MINING

1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771
November 22, 1978

I. DANIEL STEWART
Chairman

CHARLES R. HENDERSON
JOHN L. BELL
THADIS W. BOX
C. RAY JUVELIN

CLEON B. FEIGHT
Director

Shell Oil Company
1700 Broadway
Denver, Colorado

Re: Well No. Ute 1-27A6
Sec. 27, T. 1 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. An exception to the well spacing requirements of Rule C-3, General Rules and Regulations, is approved for this location in order to conform to the locations as permitted under the Order issued in Cause No. 139-8.

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

CLEON B. FEIGHT - Director
Home: 466-4455
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 43-013-30477.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
Director

cc: U.S. Geological Survey



SCOTT M. MATHESON
Governor

GORDON E. HARRISTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON
Chairman

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

February 7, 1980

Shell Oil Co.
1700 Broadway
Denver, Colo. 80290.

RE: SEE ATTACHED SHEET.

Gentlemen:

In reference to above mentioned well(s), considerable time has gone by since approval was obtained from this office.

This office has not recieved any notification of spudding. If you do not intend to drill this well (these wells), please notify this Division. If spudding or any other activity has taken place, please send necessary forms.* If we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill this well, and action will be taken to terminate the application. If you plan on drilling this well at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

DEBBIE BEAUREGARD
CLERK-TYPIST

Shell Oil Company



P.O. Box 831
Houston, Texas 77001

February 21, 1980

RECEIVED

FEB 25 1980

DIVISION OF
OIL, GAS & MINING

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

Gentlemen:

WELL STATUS REPORTS

The current status of each well listed in the attachment to your letter of February 7, 1980 is as follows:

Ute #1-3B6 - Sec. 3, T2S, R6W

This well was drilled and cased. It is being tested to determine if the well can be produced commercially.

Ute #1-16B6 - Sec. 16, T2S, R6W

This is a location. Drilling has been deferred to the second half, 1980. We request the application to drill not be terminated.

Ute #1-17B6 - Sec. 17, T2S, R6W

This well was drilled and cased. It is being tested to determine if the well can be produced commercially. Please refer to our letter to Mr. Feight dated February 6, 1980.

Ute #1-27A6 - Sec. 27, T1S, R6W

Application may be terminated. We will reapply when drilling plans are firm.

Babcock #2-12B4 - Sec. 12, T2S, R4W

Application may be terminated. We will reapply when drilling plans are firm.

Attachment Sheet.

Ute #1-3B6
Sec. 3, T. 2S, R. 6W,
Duchesne County, Utah

Ute #1-16B6
Sec. 16, T. 2S, R. 6W.
Duchesne County, Utah

Ute #1-17B6
Sec. 17, T. 2S, R. 6W,
Duchesne County, Utah

Ute #1-27A6
Sec. 27, T. 1S, R. 6W,
Duchesne County, Utah

Babcock #2-12B4
Sec. 12, T. 2S, R. 4W,
Duchesne County, Utah