

FILE NOTATIONS

Entered in NID File
Location Map Pinned
Card Indexed

Checked by Chief
Approval Letter
Disapproval Letter

COMPLETION DATA:

Date Well Completed 10/10/79

Location Inspected

SI ✓
OW ✓ WW..... TA.....
GW..... OS..... PA.....

Bond released
State or Fee Land

LOGS FILED

Driller's Log ✓
Electric Logs (No.) ✓

E..... I..... Dual I Log..... GR-N..... MI.....

BHC Sonic GR..... Lat..... MI-L..... Sonic.....

Others

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

5. Lease Designation and Serial No.

Ute

6. If Indian, Allottee or Tribe Name

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEN

PLUG BACK

7. Unit Agreement Name

b. Type of Well

Oil Well

Gas Well

Other

Single Zone

Multiple Zone

8. Farm or Lease Name

Ute

2. Name of Operator

Shell Oil Company

9. Well No.

1-3B6

3. Address of Operator

1700 Broadway, Denver, Colorado 80290

10. Field and Pool, or Wildcat

Altamont - No. Horn

4. Location of Well (Report location clearly and in accordance with any State requirements.)*
At surface

1315' FNL & 871' FEL Section 3
At proposed prod. zone

11. Sec., T., R., M., or Bk. and Survey or Area

NE/4 NE/4 Section 3-T2S-R6W

14. Distance in miles and direction from nearest town or post office*

20+ miles NW of Duchesne, Utah

12. County or Parrish 13. State

Duchesne Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)
871' from unit line

16. No. of acres in lease
671

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. None

19. Proposed depth
15,550

20. Rotary or cable tools
Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

Ungr. GR 6956

22. Approx. date work will start*

January 1, 1979

23.

PROPOSED CASING AND CEMENTING PROGRAM

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

Attachments:

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

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 L. 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:

Please return approved copy to the following address:

Shell Oil Company
Rocky Mountain Division Production
1700 Broadway - Attn T. M. Smith
Denver, Colorado 80290.

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SOURCES

DEEPEN, OR PLUG BACK

1a. Type of Work DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. Lease Designation and Serial No. Ute
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"/>			6. If Indian, Allottee or Tribe Name
2. Name of Operator Shell Oil Company			7. Unit Agreement Name
3. Address of Operator 1700 Broadway, Denver, Colorado 80290			8. Farm or Lease Name Ute
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface 1315' FNL & 871' FEL Section 3 At proposed prod. zone			9. Well No. 1-3B6
14. Distance in miles and direction from nearest town or post office* 20+ miles NW of Duchesne, Utah			10. Field and Pool, or Wildcat Altamont - No. Horn
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) 871' from unit line	16. No. of acres in lease 671	17. No. of acres assigned to this well 640	11. Sec., T., R., M., or Blk. and Survey or Area NE/4 NE/4 Section 3-T2S-R6W
18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft. None	19. Proposed depth 15,550	20. Rotary or cable tools Rotary	12. County or Parrish Duchesne
21. Elevations (Show whether DF, RT, GR, etc.) Ungr. GR 6956		22. Approx. date work will start* January 1, 1979	13. State Utah

23. PROPOSED CASING AND CEMENTING PROGRAM

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24. Signed L. Planty 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:

T 2 S, R 6 W, U.S.B. & M

PROJECT
SHELL OIL COMPANY

Well location, UTE #1-3B6, located
as shown in the NE 1/4 NE 1/4 sec.
3 T 2 S, R 6 W, U.S.B. & M. Duchesne
County, Utah.

NOTE:

Basis of Bearings is a Sun Shot.



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

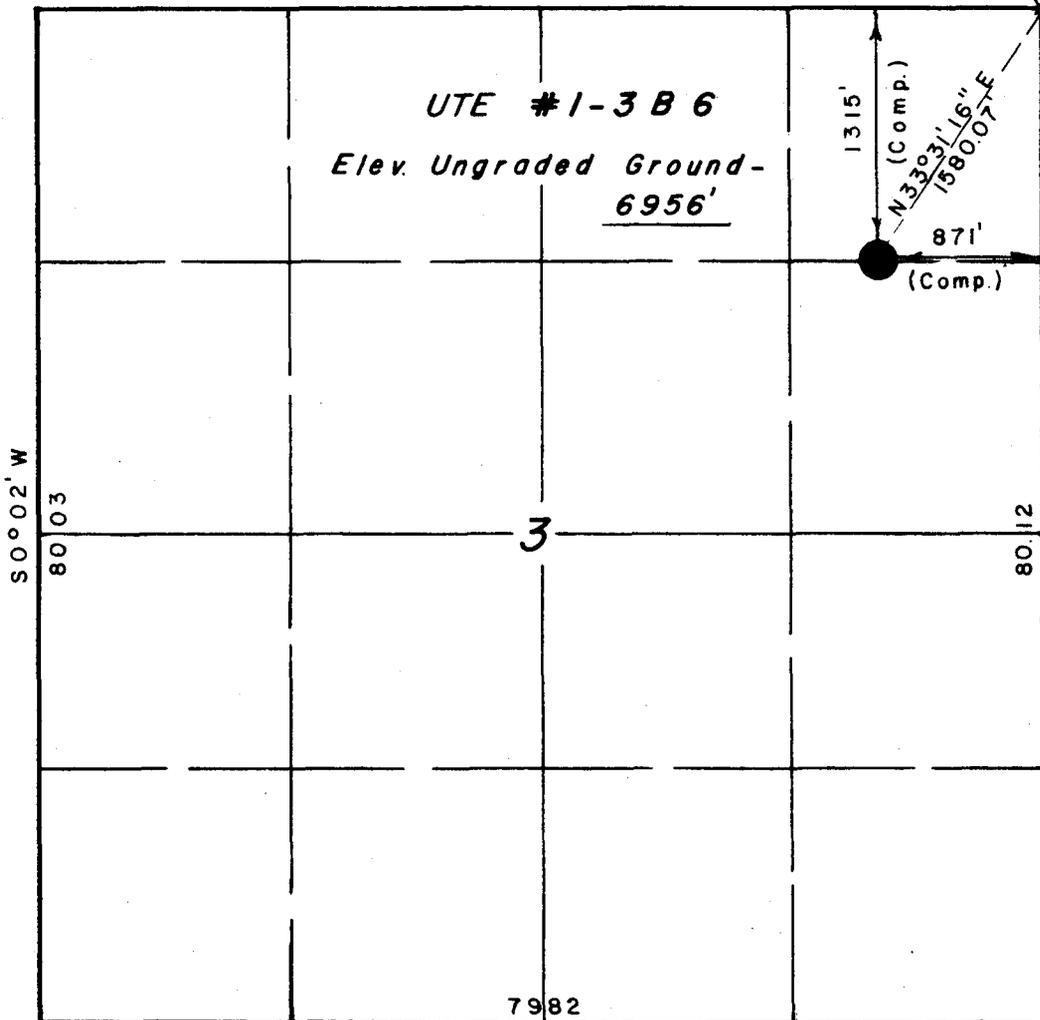
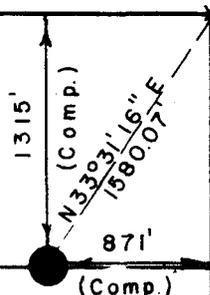
REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

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

SCALE	1" = 1000'	DATE	10/23/78
PARTY	G.S. S.S.	SM.	REFERENCES GLO Plat
WEATHER	Clear & Cool	FILE	SHELL OIL

N89°50' E

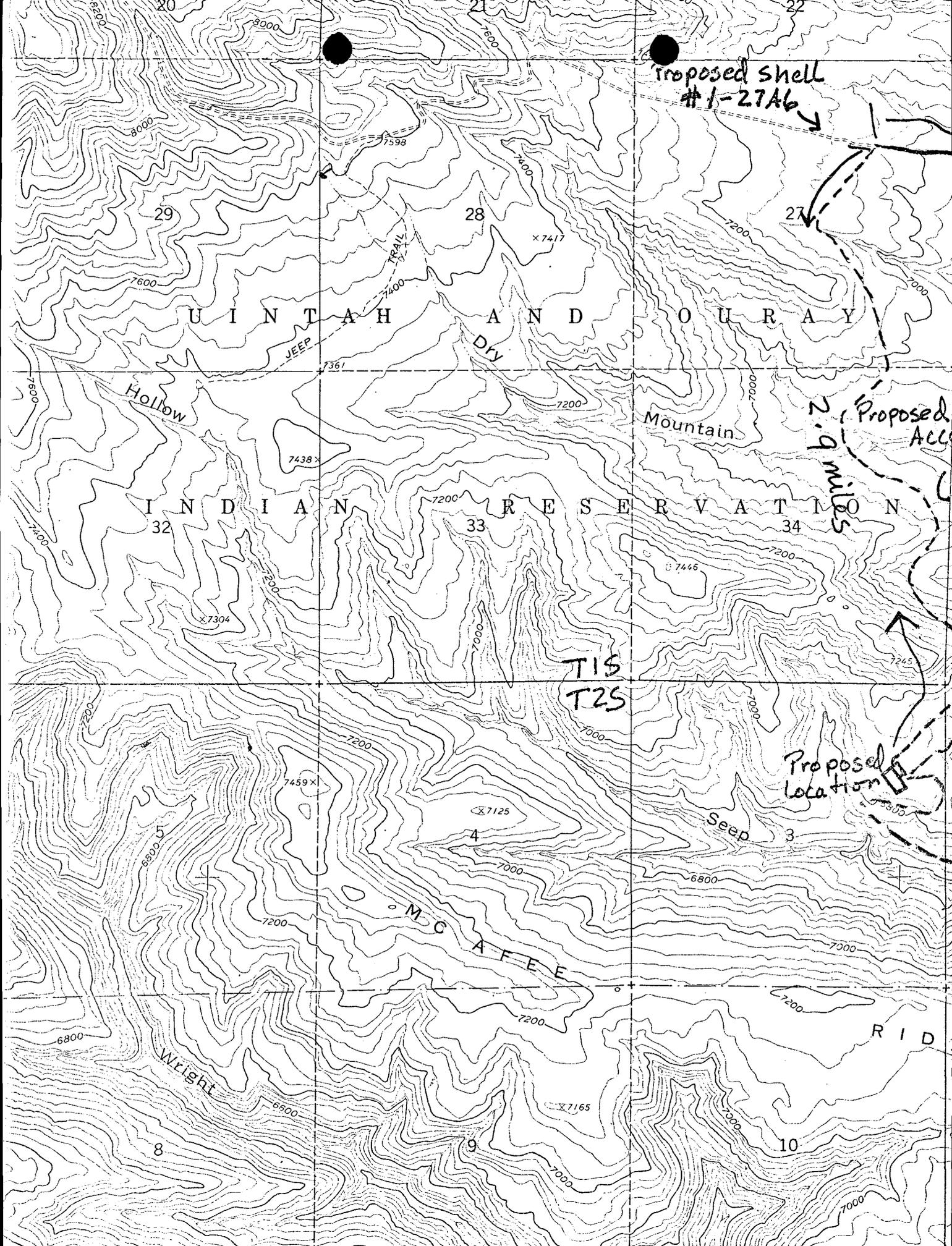
UTE #1-3B6
Elev. Ungraded Ground -
6956'

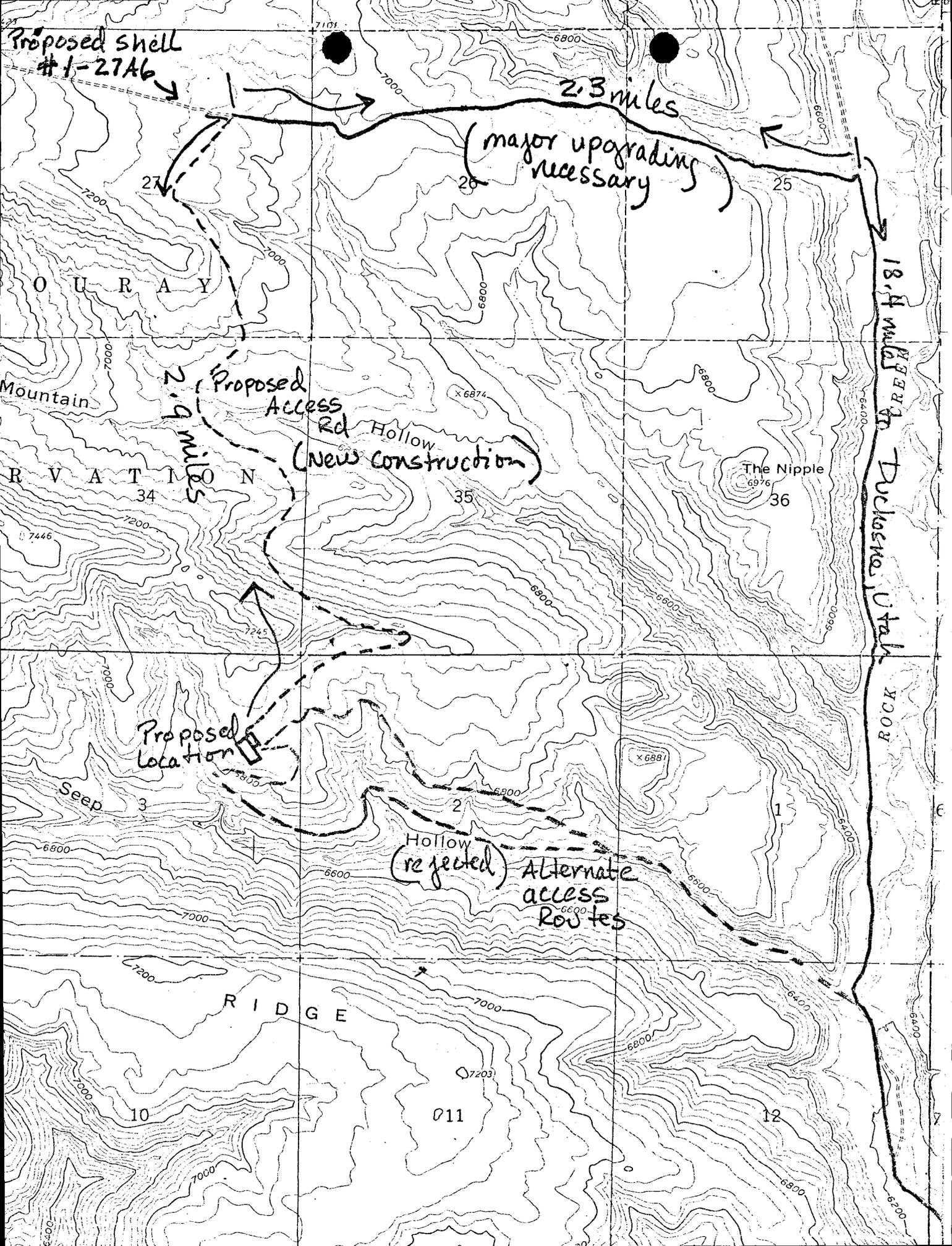


7982
S89°57' W

X= Section Corners Located

BEST COPY
AVAILABLE





U. S. GEOLOGICAL SURVEY - CONSERVATION DIVISION

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-H62-2514

OPERATOR: Shell Oil Co.

WELL NO. 1-3B6

LOCATION: ½ NE ½ NE ½ sec. 3, T. 2S, R. 6W, USM

Duchesne County, Utah

1. Stratigraphy: ^{Duchesne River} The well will be spud in the ^{Duchesne River} Uintah Formation. The operator will be testing the Wasatch formation for oil & gas approximately 10,000 feet.
2. Fresh Water: Usable water may occur in the Duchesne River & Uinta Formations & should be protected.
3. Leasable Minerals: Oil shale beds may occur in the Parachute Creek member of the Green River Formation & should be protected.
4. Additional Logs Needed: Density & sonic logs.
5. Potential Geologic Hazards: Unknown.

6. References and Remarks:

Signature: emb

Date: 12 - 4 - 78

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

Usual Environmental Analysis

Lease No. 14-20-H62-2514

Operator Shell Oil Company

Well No. 1-3B6

Location 1315' FNL & 871' FEL Sec. 3 T. 2S. R. 6W.

County Duchesne State Utah Field Wildcat

Status: Surface Ownership Ute Tribal Minerals Ute Tribal

Joint Field Inspection Date December 13, 1978

Participants and Organizations:

George Diwachak

U.S. Geological Survey-Salt Lake City

Lynn Hall

Bureau of Indian Affairs-Ft. Duchesne

J.J. Smith

Shell Oil Company

Related Environmental Analyses and References:

(1)

(2)

*objection to access road
Pod 200 x 400
Pit 100 x 200
2.9 mi new access
Upgrade 2.3 mi trail
Stockpile top soil
9.0 ac
Line pit - See Cont. Pg 6*

Analysis Prepared by:

George Diwachak
Environmental Scientist
Salt Lake City, Utah

Date: December 13, 1978

Noted - G. Diwachak

Proposed Action:

On November 21, 1978, Shell Oil Company filed an Application for Permit to Drill the No. 1-3B6 exploratory well, a 15,800-foot oil test of the Wasatch Formation; located at an elevation of 6956 GR ft. in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 3, T. 2S., R. 6W., on Tribal mineral lands and Tribal surface; Lease No. 14-20-H62-2514. There was no objection raised to the wellsite. An objection was raised to the access road. However, as proposed it is the most feasible path to the proposed location (See attached map). The alternative of approaching the location through Seep Hollow was investigated and rejected. Steep slopes and rugged terrain would prohibit proper construction.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Fresh-water sands and other mineral-bearing formations would be protected. A Blowout Preventor would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface 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 arrangements.

The operator proposes to construct a drill pad 200 ft. wide x 400 ft. long and a reserve pit 100 ft. x 200 ft. A new access road would be constructed 18 ft. wide x 2.9 miles long. Major upgrading would be necessary on 2.3 miles of an existing jeep trail (See attached map). This upgraded portion of road would eventually be used to permit access to Shell Oil Company No. 1-27A6 in the NW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 27, T. 1S., R. 6W.

The operator proposes to construct production facilities on disturbed area of the proposed drill pad.

Location and Natural Setting:

The proposed drillsite is approximately 20 miles NW of Duchesne, Utah, the nearest town. A fair road runs to within 5.2 miles of the location. This well is a wildcat.

Topography:

The proposed location is situated on a relatively flat ridge surrounded by rugged sandstone cliffs. Area topography consists of the rugged, dissected terrain characteristic of the perimeter of the Uintah Basin. The proposed access road would traverse two canyons of moderate slopes and numerous drainages.

Geology:

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

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

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

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

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

Soils:

No detailed soil survey has been made of the project area. The top soils in the area range from a sandy loam to a sandy 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 pinon-juniper association. The salt-desert shrub community is present at lower elevations.

Top soil would be removed from the surface and stockpiled. The soil would be spread over 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 9.0 acres of land would be stripped of vegetation. This would increase the erosional potential. Proper construction practice, construction of water bars, reseeding of slope-cut area would minimize this impact.

Air:

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

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

Toxic or noxious gases would not be anticipated.

Precipitation:

Annual rainfall should range from about 14 to 16" at the proposed location. The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during early spring runoff and during extremely heavy rain storms.

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 from the proposed location is southward through intermittent, non-perennial drainages into Seep Hollow, which drains easterly into Rock Creek, a perennial tributary of the Duchesne River.

Due to the rugged and dissected terrain of the area, culverts, and water bars would be necessary on new and upgraded portions of the proposed access road. Approximately 15 drainages requiring culverts would be crossed. Two of these drainages (one unnamed, and Mountain Hollow) are major, draining from the Uintah Mountains to the northwest, and would require at least 48" culverts to accomodate potential water flows.

Ground Water Hydrology:

Some minor pollution of ground water systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential

for communication, contamination and comingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basic information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B. The depths of fresh water formations are listed in the 10-Point Subsurface Protection Plan. There would be no tangible effect on water migration in fresh water aquifers. The pits would be unlined unless rock material is encountered during construction. If such is the case, the pits should be lined with an impervious material to protect ground water resources. 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:

The vegetation of the proposed location consists of a dense, aged pinon-juniper stand.

Plants in the area are of the pinon-juniper association. The salt-desert shrub community is present at lower elevations.

Proposed action would remove about 9.0 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 proposes to rehabilitate the surface upon completion of operations.

If the well would become a producer, disturbed areas not needed for production and completion should be rehabilitated as soon as weather conditions permit.

Wildlife:

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

Animal and plant inventories have been made. No endangered plants or animals are known to habitate the project area. The American Bald Eagle is present during migratory seasons.

Social-Economic Effect:

An on the ground surface archaeological reconnaissance has been made. 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 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 on one well would be difficult to determine. The overall effect of oil and gas drilling and production activity are significant in Duchesne County.

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

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface 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.

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

Waste Disposal:

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

Alternative to the Proposed Action:

- 1) Not Approving the Proposed Permit--The Oil and Gas Lease Grants The

Lessee Exclusive Right To Drill For, Mine, Extract, Remove and Dispose Of All Oil and Gas Deposits.

Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under 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, animal, or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected. The alternative of approaching the location through Seep Hollow was investigated and rejected. Although construction would be difficult due to the rugged and dissected terrain, the proposed access road is the most feasible path. Furthermore, it would open the area to further development. The Seep Hollow route would be a dead end alternative.

3) If rock or conglomeritic material is encountered during construction of the reserve pit, it should be lined with an impervious material to protect ground water resources and prevent possible spills. ←

4) 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 9.0 acres of land surface for the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and temporary disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. 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

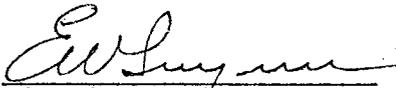
the project would exist. If the well is a producer, an irreplaceable and irretrievable commitment of resources would be made. Erosion from the site would eventually be carried as sediment in Rock Creek and the Duchesne River. The potential for pollution to the drainage of Seep Hollow and Rock Creek would exist through leaks and spills. Construction of the access road would open the area to encroachment by man. Erosion would increase due to the numerous drainages that would be crossed.

Determination:

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

Date

12/18/78


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

DRILLING WELL PROGNOSIS

WELL NAME UTE 1-386
 TYPE WELL DEVELOPMENT
 FIELD/AREA ALTAMONT

APPROX. LOCATION (SUBJECT TO SURVEY) NE NE SEC. 3, T 2S, R 6W

EST. G. L. ELEVATION 6950+ PROJECTED TD 15,800 OBJECTIVE WASATCH
SURFACE - DUCHESNE RIVER

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 1/2"	9 5/8"	6400'		TGR-1 6750' (+1020)	
				9 5/8" CSG 7000+	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.
				B/Transition 14,500'	NOTE: Control mud weight to maintain a 300 psi overbalance. Refer to "Expected Pressure Distribution" for required weights.
6 1/8"	5" Liner			North Horn 15,500' (-6665)	
				TD 15,800	

ORIGINATOR: K. J. Hellmer DATE _____
 ENGINEERING APPROVAL: _____
 PETROLEUM: _____
 OPERATIONS: _____

ATTACH. 1

OPERATIONS APPROVAL: _____

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 psf @ 15,800 ft.

Drilling Fluid: High ph - low lime mud

Well Name UTE 1-3B6
Field Altamont
County Duchesne
State Utah

Attachment No. 2

UTE 1-3B6
SECTION 3-T2S-R6W
DUCHESNE COUNTY, UTAH

10 PT. DRILLING PLAN

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'±
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 (Drilling)
See Item 22 on Application

DRILLING WELL PROGNOSIS

WELL NAME UTE 1-386
 TYPE WELL DEVELOPMENT
 FIELD/AREA ALTAMONT

APPROX. LOCATION (SUBJECT TO SURVEY) NE NE SEC.3, T2S, R6W

EST. G. L. ELEVATION 6950+ PROJECTED TD 15,800 OBJECTIVE WASATCH
SURFACE - DUCHESNE RIVER

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12 1/4"	9 5/8"	6400'		TGR-1 6750' (+1020)	CORES: None
				9 5/8" CSG 7000+	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.
				B/Transition 14,500'	NOTE: Control mud weight to maintain a 300 psi overbalance. Refer to "Expected Pressure Distribution" for required weights.
6 1/8"	5" Liner			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 1-3B6

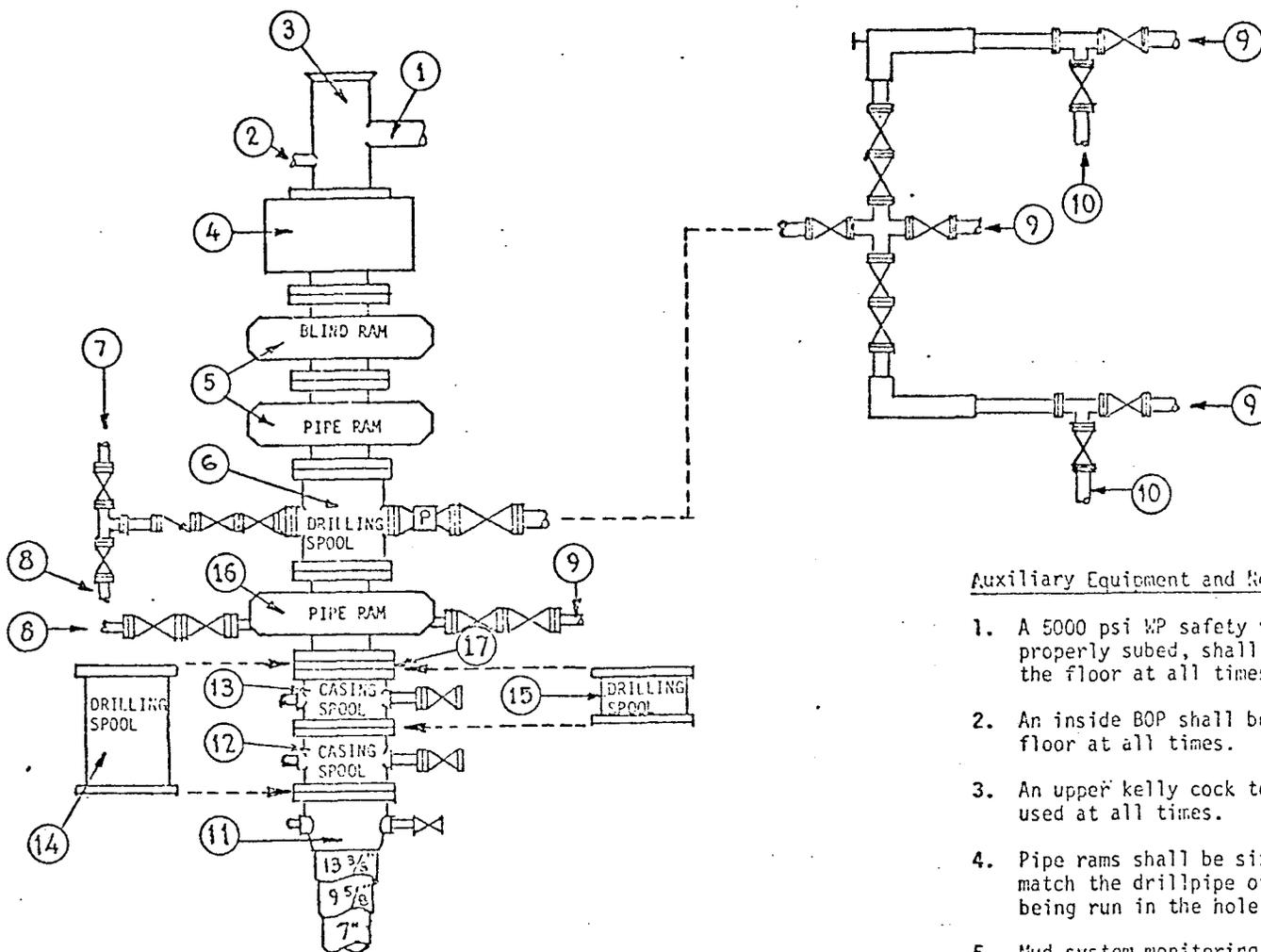
Field Altamont

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 Bop Type BOP - Shaffer or Hydral
5	Two single or one dual - hydraulically operated - 13-5/8" - 5000 psi WP - Ram Type BOP - Cameron Type U or Snaffer 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 - While Drilling 12-1/4" hole
15	10" - 5000 psi WP x 10" - 5000 psi WP Drilling Spool - While Drilling 8-3/4" 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 1-3B6

Field ALTAMONT

County DUCHESNE

State UTAH

Attachment No. 3

SHELL OIL COMPANY
12 POINT SURFACE USE PLAN
FOR
WELL LOCATION
UTE 1-3B6
LOCATED IN
SECTION 3, T2S, R6W, U.S.B. & M.
DUCHESNE COUNTY, UTAH

SHELL OIL COMPANY
UTE 1-3B6
SECTION 3, T2S, R6W, U.S.B. & M.

1. EXISTING ROADS

SEE ATTACHED TOPOGRAPHIC MAP "A" .

TO REACH SHELL OIL COMPANY WELL LOCATION, UTE 1-3B6 LOCATED IN THE NE 1/4 NE 1/4 SECTION 3, T2S, 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 2.3 MILES TO THE POINT WHERE THE PROPOSED ACCESS ROAD (TO BE DISCUSSED IN ITEM #2) LEAVES THE EXISTING ROAD AND PROCEEDS IN A SOUTHERLY DIRECTION TO THE PROPOSED LOCATION SITE.

THE HIGHWAY MENTIONED IN THE FOREGOING PARAGRAPH IS A BITUMINOUS SURFACED ROAD TO THE BEGINNING OF THE GRAVELED ROADS.

THE LAST 2.3 MILES OF THE ABOVE DESCRIBED ROAD WILL NEED TO BE UPGRADED TO MEET THE REQUIREMENTS OF ITEM #2. OTHER THAN THIS THE OTHER ROADS MENTIONED ABOVE WILL MEET THE NECESSARY STANDARDS REQUIRED TO FACILITATE AN ORDERLY TRAFFIC FLOW DURING THE DRILLING PHASE, COMPLETION PHASE, AND THE PRODUCTION PHASE, OF THIS WELL AT SUCH TIME THAT PRODUCTION IS ESTABLISHED.

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

THE PLANNED ACCESS ROAD LEAVES THE EXISTING ROAD DESCRIBED IN ITEM #1 IN THE NE 1/4 SECTION 27, T1S, R6W, U.S.B. & M., AND PROCEEDS IN A SOUTHERLY DIRECTION 2.9 MILES TO THE PROPOSED LOCATION SITE IN THE NE 1/4 NE 1/4 SECTION 3, T2S, R6W, U.S.B. & M.

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 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 TURNOUTS WILL BE INSTALLED FOR SAFETY PURPOSES EVERY 0.25 MILES OR ON THE TOP OF RIDGES OR AT INTERVALS AND LOCATION THAT WILL PROVIDE THE GREATEST SIGHT DISTANCE. THESE TURNOUTS WILL BE 200' IN LENGTH AND 10' IN WIDTH AND WILL BE TAPERED FROM THE SHOULDER OF THE ROAD FOR A DISTANCE OF 50' IN LENGTH AT BOTH THE ACCESS AND OUTLET ENDS.

ANY FENCES THAT ARE ENCOUNTERED ALONG THIS ACCESS ROAD WILL BE CUT AND REPLACED WITH A CATTLE GUARD 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.

2. 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.

THE TERRAIN THIS ROAD TRAVERSES IS ROUGH. THE ROAD CROSSES TWO MAJOR DRAINAGES. THE FIRST ONE BEING THE SMALLEST IS 2000' SOUTH FROM WHERE THE ROAD BEGINS, AND THE SECOND ONE IS WHERE THE ROAD CROSSES MOUNTAIN HOLLOW APPROXIMATELY 6000' SOUTH OF WHERE THE ROAD BEGINS, CULVERTS MAY BE REQUIRED BY THE AGENCIES INVOLVED, IF SO THEY WILL BE INSTALLED UNDER THEIR DIRECTION AND THEIR SPECIFICATIONS. THE ROAD ALSO CLIMBS STEEPLY UP A HILL AND AROUND THE BASE OF A LARGE RIDGE.

THE VEGETATION CONSISTS OF JUNIPER AND PINION PINE WITH SOME SAGEBRUSH AND GRASSES.

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 3, T2S, 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 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 MATERIAL 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 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 5.2 MILES NORTHEAST OF THE LOCATION SITE, TO THE PROPOSED LOCATION SITE.

5. LOCATION OF AND TYPE OF WATER SUPPLY - CONTINUED

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. SOURCE 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 PORTALBE 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. PLANS 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-COMBUSTABLE 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 ITEMS #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 THE 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 1-3B6 SITS ON A RELATIVELY FLAT AREA ABOVE SEEP HALLOW WHICH IS APPROXIMATELY 0.3 MILES NORTH OF THE ^{SEEP HALLOW} PROPOSED LOCATION. SEEP HALLOW 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 NORTH THROUGH THE LOCATION TO THE SOUTH APPROXIMATELY A 1% GRADE TOWARD SEEP HALLOW.

THE LOCATION IS COVERED WITH GRASSES, SAGEBRUSH, JUNIPER, AND PINION PINE.

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=3B6
SECTION 3, T2S,R6W, U.S.B. & M.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

K. W. Lamb
SHELL OIL COMPANY
1700 BROADWAY
DENVER, COLORADO 80202

TELE: 1-303-861-4408

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 KNOWLEDGE, TRUE AND CORRECT; AND THAT THE WORK ASSOCIATED WITH THE OPERATION PROPOSED HEREIN WILL BE PERFORMED BY SHELL OIL COMPANY AND IT 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
K. W. Lamb

J.J. Smith 11/14/78
J.J. SMITH

T 2 S, R 6 W, U.S.B. & M

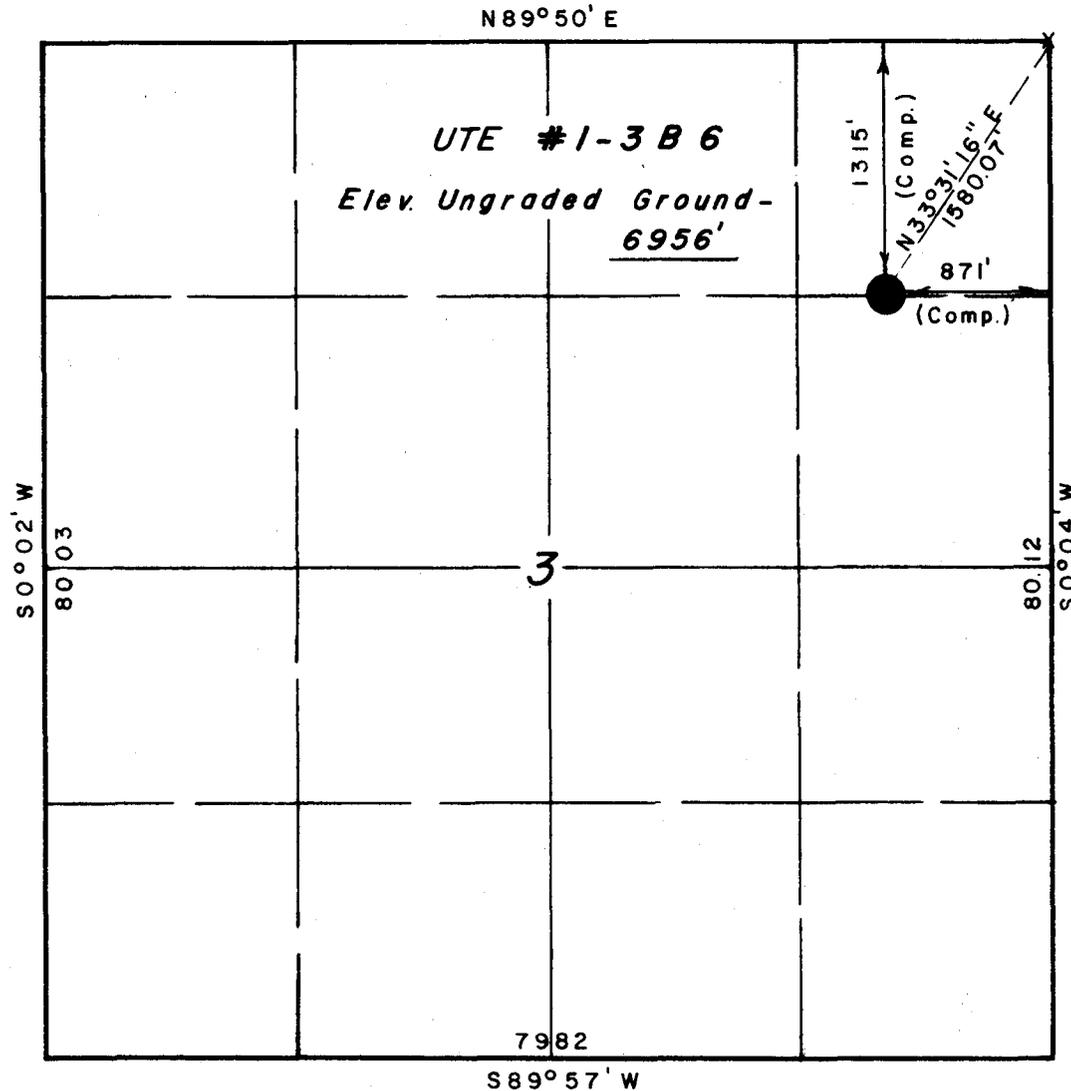
PROJECT

SHELL OIL COMPANY

Well location, UTE #1-3B6, located as shown in the NE 1/4 NE 1/4 sec. 3 T 2 S, R 6 W, U.S.B. & M. Duchesne County, Utah.

NOTE:

Basis of Bearings is a Sun Shot.



CERTIFICATE

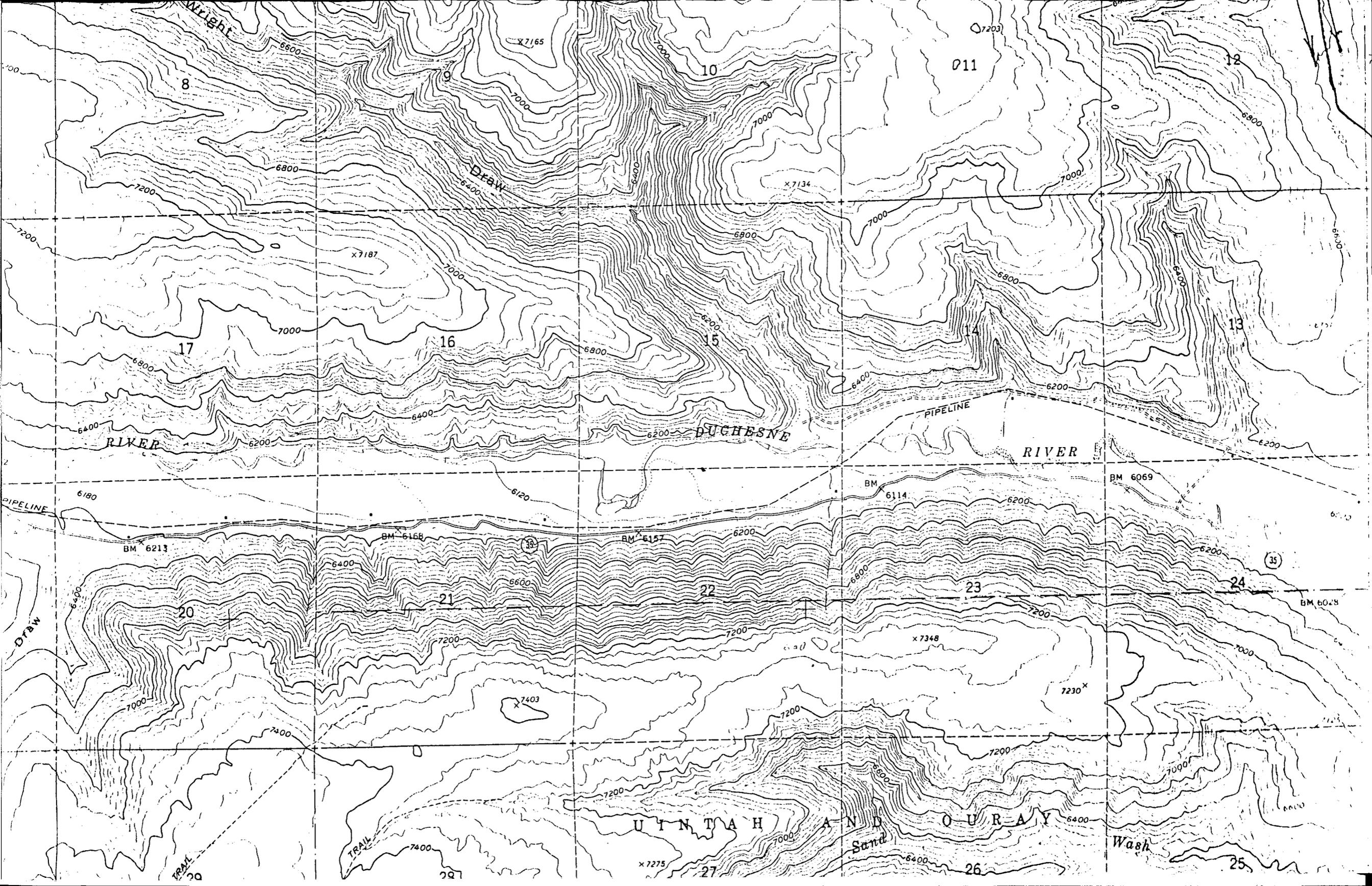
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

James 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 10/23/78
PARTY G.S. SS SM	REFERENCES GLO Plat
WEATHER Clear & Cool	FILE SHELL OIL

X= Section Corners Located



SHELL OIL COMPANY
UTE 1-3B6

TOPO. MAP "B"

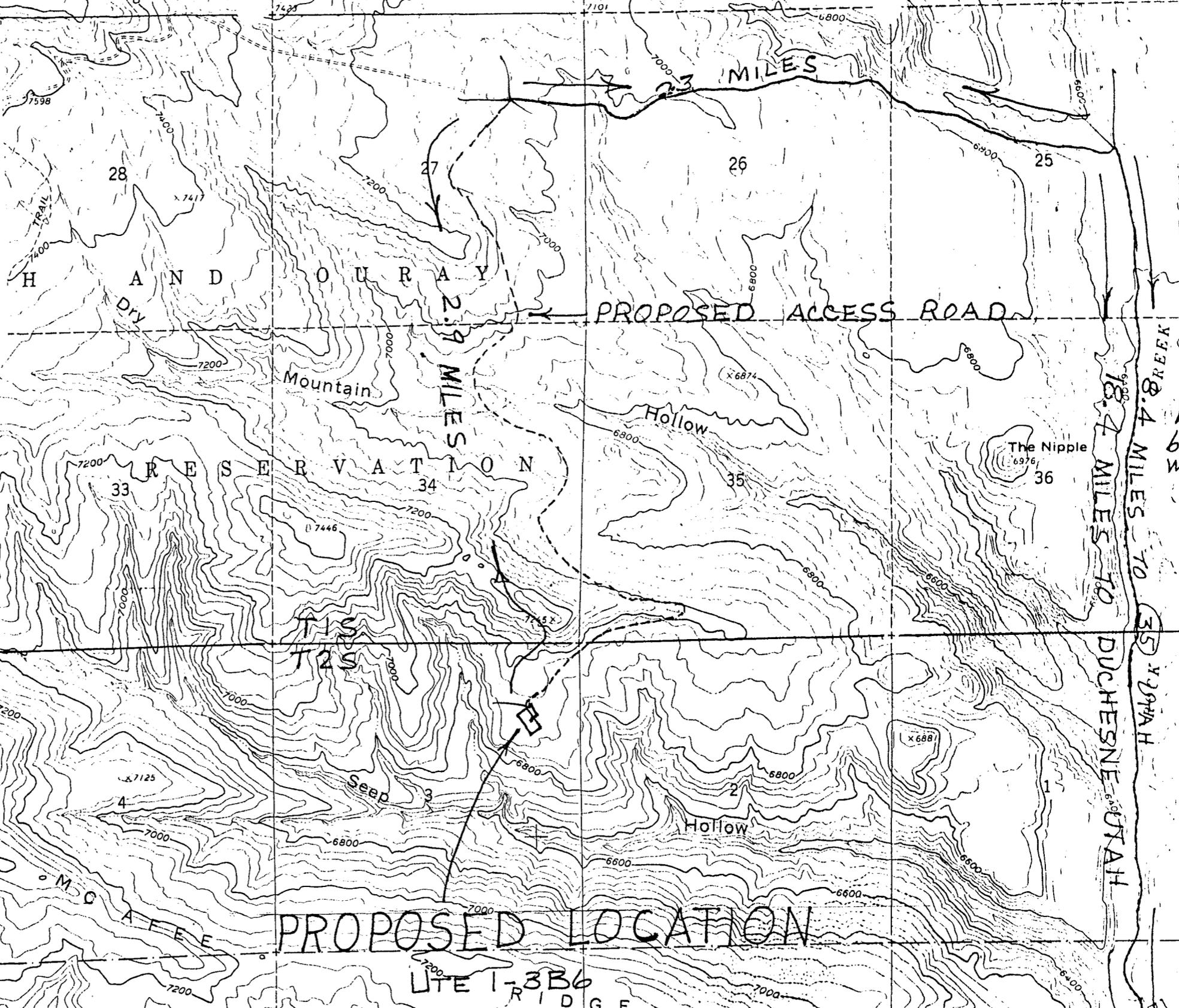
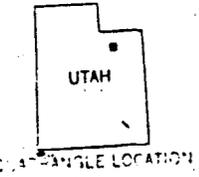


SCALE 1" = 2000'

ROAD CLASSIFICATION

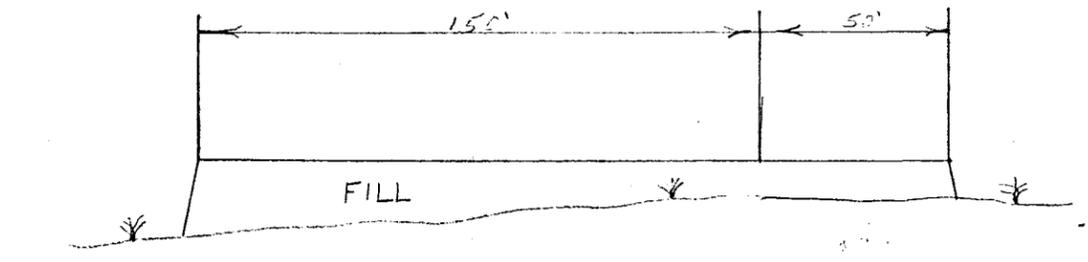
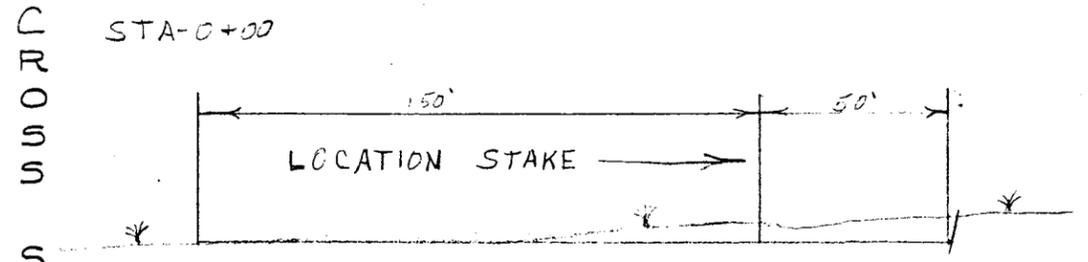
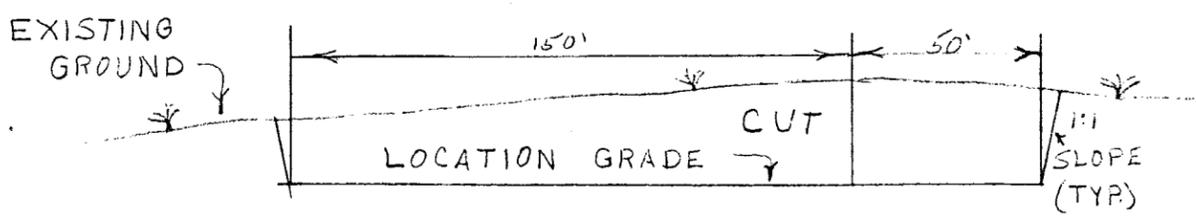
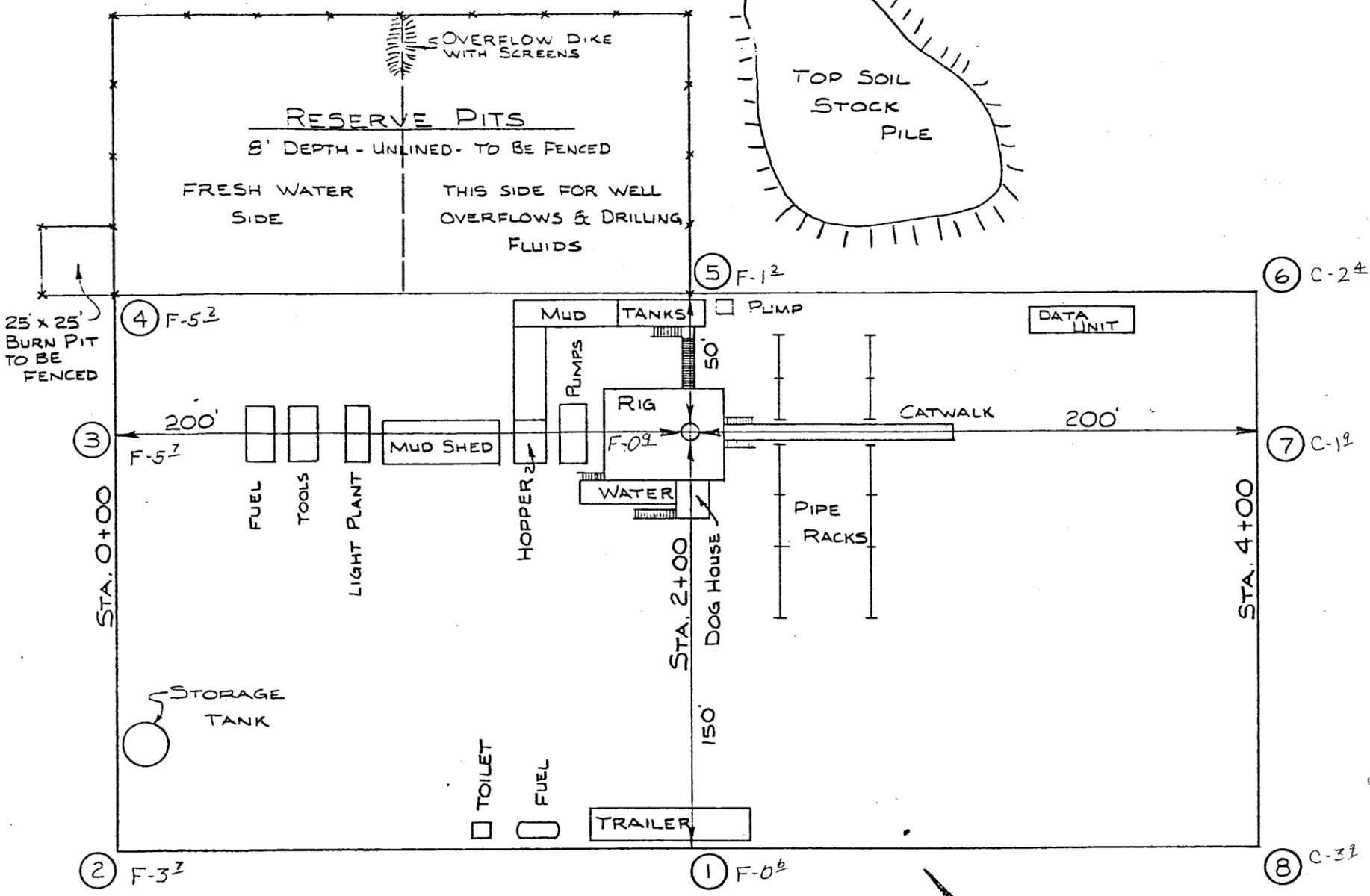
Medium-duty Light-duty
Unimproved dirt

State Route

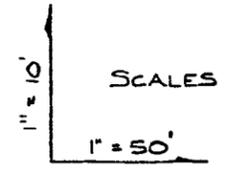


PROPOSED LOCATION

UTE 1-3B6
RIDGE

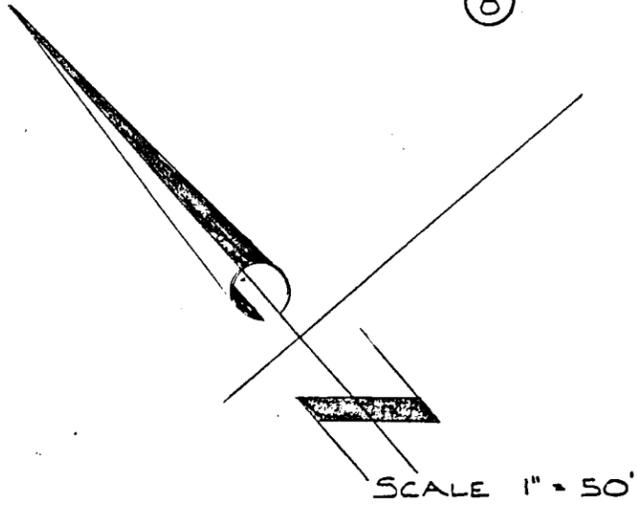
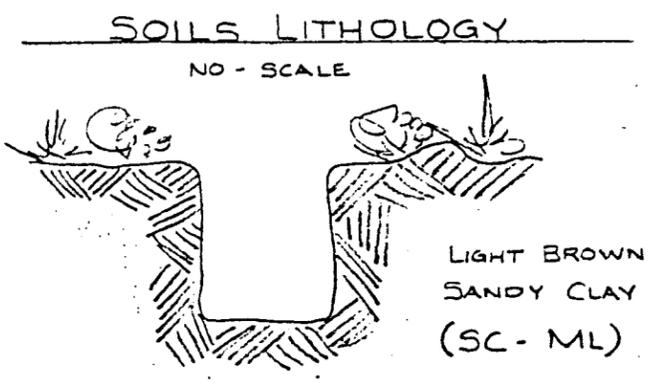


STA 4+00



APPROX YARDAGES

CUT	4,925	CU. YDS.
FILL	2,056	CU. YDS.



STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING

** FILE NOTATIONS **

Date: Nov. 22 -

Operator: Shue Oil Co.

Well No: Ute 1-386

Location: Sec. 3 T. 25 R. 6W County: Duchesne

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number: B-013-30476

CHECKED BY:

Administrative Assistant: [Signature]

Remarks: No other wells - Sec. 3

Petroleum Engineer: _____

Remarks:

Director: [Signature]

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. 139-8

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



SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
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

November 22, 1978

OIL, GAS, AND MINING BOARD

I. DANIEL STEWART
Chairman

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

Shell Oil Company
1700 Broadway
Denver, Colorado

Re: Well No. Ute 1-3B6
Sec. 3, 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 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 43-013-30476.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

CLEON B. FEIGHT
Director

cc: U.S. Geological Survey

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
 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
 1315' FNL & 871' FEL Section 3
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately 20 miles from Duchesne, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 871'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. wells on this lse
 No other
 15,800+

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 6956 Ungr. GR

23. PROPOSED CASING AND CEMENTING PROGRAM
 Drlg compl March 15, 1979

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

5. LEASE DESIGNATION AND SERIAL NO.
 14-20-H62-2514
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 Ute
 7. UNIT AGREEMENT NAME
 Ute
 8. FARM OR LEASE NAME
 Ute
 9. WELL NO.
 1-3B6
 10. FIELD AND POOL, OR WILDCAT
 Gr Riv/Wasatch/No Horn
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 NE/4 NE/4 Section 3-T2S-R6W
 12. COUNTY OR PARISH
 Duchesne
 13. STATE
 Utah

- 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

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

* Prior to spudding well, Shell Oil Company will furnish the District Engineer, USGS, Salt Lake City, with the standard 200 foot stipulation letter which will tie Lot 1 and the SE $\frac{1}{4}$ NE $\frac{1}{4}$ of Sec. 3, 2S-6W, USM together for the life of this well.

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 L. Plautz TITLE Div. Opers. Engr. DATE 11/16/78

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY WT Martin TITLE ACTING DISTRICT ENGINEER DATE DEC 19 1978

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

*See Instructions On Reverse Side

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

State O&G



SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
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 received 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

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

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.

Shell-Ute 1-386
 (D) Brinkerhoff #69
 15,800' Wasatch Test
 EL 6956' GR
 13-3/8" csg @ 325'

5/16/79

"FR" 325/100/1/325. BU. Located 1315' FBL & 871 FBL, NE/4 NE/4 Section 3-T28-R6W, Duchesne County, Utah. Shell's Working Interest: 100%. Spudded 1:00 p.m. 5/15/79. Ran 8 jts, 54#, K-55. STAC 13-3/8" csg to 325' & cut'd w/500 mx Class G, & 2X CaCl2. CIP 5:30 AM Dev: 1/2 deg @ 300'.
 Mud: (.462) 8.9 x 54

Shell-Ute 1-386
 (D) Brinkerhoff #69
 15,800' Wasatch Test
 EL 6956' GR
 13-3/8" csg @ 325'

375/100/2/50. Drig.

MAY 17 1979

Shell-Ute 1-386
 (D) Brinkerhoff #69
 15,800' Wasatch Test
 EL 6956' GR
 13-3/8" csg @ 325'

442/100/3/67. Backing off. Jarred; freepoint shows bit & shock sub stuck.
 Mud: (.462) 8.9 x 55

MAY 18 1979

ALTAMONT

Shell-Ute 1-386
 (D) Brinkerhoff #69
 15,800' Wasatch Test
 EL 6956' GR 5/19-21/79
 13-3/8" csg @ 325'

5/19: 553/100/4/111. Drig. Washed over 50' fish. Rec'd fish. Drid to 553; lost returns.
 Mud: (.447) 8.6 x 35
 5/20: 1370/100/5/817. Drig. Dev: 1/4 deg @ 1169'.
 Mud: (.452) 8.7 x Air
 5/21: 1965/100/6/595. Trip'g. Dev: 1/2 deg @ 1965'.
 Mud: Wtr & Air

Shell-Ute 1-386
 (D) Brinkerhoff #69
 15,800' Wasatch Test
 EL 6956' GR
 13-3/8" csg @ 325'

2445/100/7/480. Drig. Dev: 3/4 deg @ 2323'.

MAY 22 1979

ALTAMONT

Shell-Ute 1-386
 (D) Brinkerhoff #69
 15,800' Wasatch Test
 EL 6956' GR
 13-3/8" csg @ 325'

3240/100/8/795. Drig.
 Mud: Wtr

MAY 23 1979

ALTAMONT

Shell-Ute 1-386
 (D) Brinkerhoff #69
 15,800' Wasatch Test
 EL 6956' GR
 13-3/8" csg @ 325'

3855/100/9/615. Drig.
 Mud: Wtr

MAY 24 1979

Shell-Ute 1-386
 (D) Brinkerhoff #69
 15,800' Wasatch Test
 EL 6956' GR
 13-3/8" csg @ 325'

4265/100/10/410. Drig. Dev: 2 deg @ 4081'.
 Mud: Wtr

MAY 25 1979

Shell-Ute 1-386
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR 5/26-29/79
13-3/8" csg @ 325'

5/26: 4690/87/11/425. Drig.
Mud: Wtr & Air
5/27: 4798/87/12/108. Drig. Reamed 4609-4798'.
5/28: 4991/87/13/193. TIH for fish. Twisted off @ 4991'.
POOH: left SS, 5 - 9" DC & 2 - 8" DC's.
Mud: Wtr & Air
5/29: 5045/87/14/54. Drig. Pulled fish. Magnfluxed DC's.
Mud: Wtr & Air

Shell-Ute 1-386
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'

5285/87/15/240. Drig. Drid to 5108 & had tight hole.
Added soap & circ'd hole clean. Washed to brm.

MAY 30 1979

Shell-Ute 1-386
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'

5507/87/16/222. Drig.

MAY 31 1979

Shell-Ute 1-386
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'

5628/87/17/121. Drig. Dev: 3-1/2 deg @ 5332'.
Mud: Wtr

JUN 1 1979

Shell-Ute 1-386
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR 6/2-4/79
13-3/8" csg @ 325'

6/2: 5875/87/18/247. Drig.
6/3: 6025/87/19/150. Drig. Dev: 3-3/4 deg @ 5490'.
Mud: Wtr
6/4: 6250/87/20/225. Drig.

Shell-Ute 1-386
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'

6490/87/21/240. Drig.
Mud: Wtr

JUN 5 1979

Shell-Ute 1-386
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR JUN 6 1979
13-3/8" csg @ 325'

6494/87/22/4. CO fill. Saver sub to Christensen shock
sub twisted off 8" above pin, leaving 3' of fish, bit &
Eastman instru. Made up lip guide on globe basket for
fish'g instru. RIH w/fish'g tools; CO 55' fill.
Mud: Wtr

Shell-Ute 1-386
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'

6494/87/23/0. Wash'g over fish. CO fill to top of instru
@ 6489 & tried to fish over instru. Chained out of hole;
no fish. RIH w/10-5/8 overshot & tried to get over fish;
unsuccessful. Acme bid'g washover shoe w/9-1/16" ID &
11-1/2" OD. RIH. JUN 7 1979
Mud: Wtr

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'

JUN 8 1979

6494/87/26/0. Mak'g up fish'g tools. Washed over fish & POOH. RIH w/overshot & 9" grapple & worked over fish. POOH; left spiral grapples in hole (inside of grapple control damaged). RIH w/new 10-5/8 overshot dressed w/9" spiral grapples. Latched onto fish & pulled 85,000# over wt of string; grapples pulled off fish. POOH; left part of grapple.
Mud: Wtr

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'

6/9-11/79

6/9: 6494/87/25/0. RIH. Went over fish w/grapples & overshot. Pulled 95,000# over wt & chained out of hole; no fish. RIH & washed over fish; POOH. RIH w/overshot & basket grapples; tool stop'd @ 6284. POOH.
6/10: 6494/87/26/0. POOH. RIH w/overshot w/basket grapples. Worked thru tight spc @ 6250. Had tight spcs from 6404 to top of fish. Worked over fish & POOH.
6/11: 6494/87/27/0. LD fish'g tools. POOH w/11-1/2 overshot; no fish. Had indication of junk around fish. RIH w/12-1/8 x 9-3/4 washover pipe - mill'g up junk. RIH w/11-1/2 x 9-7/16 overshot w/grapples & worked over fish. Jar'd & worked in tight spcs. Tight lat 6 acds; no fish. Indication fish pulled thru grapples while jar'g out of hole.

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'

JUN 12 1979

6494/87/28/0. Mak'g pit wtr. RIH to top of fish & circ'd; RIH w/10-5/8 overshot w/8-3/4 grapples, but could not get over fish. Pulled pipe to 4600; pit dry.

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'

JUN 13 1979

6494/87/29/0. Circ'g w/air to bld wtr supply. POOH; no fish. RIH w/12-1/8 saw tooth shoe w/basket grapple & worked over fish. Chained out w/o fish. RIH w/10-5/8 overshot w/deep hook wall lip w/8-3/4 grapple, but couldn't get fish pulled from wall; circ'd.

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'

JUN 14 1979

6494/87/30/0. POOH. POOH; had spread & torn lip guide on 10-5/8 overshot & tools. RIH w/washover shoe; milled over 2-1/2' & POOH. Shoe showed to have been over fish. RIH w/10-5/8 overshot dressed for 8-1/2" & worked over fish. POOH; rec'd fish.

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'

JUN 15 1979

6494/87/31/0. Circ'g & bid'g wtr vol. POOH & LD fish. Milled & cleaned up junk.

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'

6/16: 6660/87/32/166. Drig.
6/17: 6854/87/33/194. Drig.
6/18: 7012/87/34/158. Drig.

6/16-18/79

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'

JUN 19 1979

7050/87/35/38. Run'g csg. Schl ran DTL/SP/GR.

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

JUN 20 1979

7050/87/36/0. PU csg cut'r. Ran 9-5/8", 40#, KSS, LT&C. Brd csg to 7050' (DP meas) & cmt'd. BJ pmp'd 20 bbis frh wcr ahead, then pmp'd 1st stage of 300 sx 12.4 ppg BJ lite w/8.5% gel & yield of 1.97, foll'd by 200 sx Class "C" w/.2% R5 @ 15.8 ppg & 1.15 yield as per prog. After displ'g cmt w/500+ bbis pit wtr, csg prt'd; could not get accurate displmt vol due to foam & suds. Had very little press incr when csg prt'd. POOH & LD 3901.78'; jt had opened up 10'+ from pin end (vertical & horizontal cracks).

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

7050/87/37/0. ND. RIH w/inside spear & cut'r. Cut & retr'd prt'd end of csg. PU Bowen pkr patch, RIH & worked over csg stub. Pressa tested csg to 1500 pai 1 hr, ok. RD csg crew.

JUN 21 1979

what depth??

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

7050/87/38/0. Test'g BOP. Installed AP spool & tested to 3000 pai. NU.

JUN 22 1979

ALTAMONT

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

6/23: No report.
6/24: No report.
6/25: 7578/87/41/303. Drig.

6/23-25/79

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

JUN 26 1979

6/23: 7062/87/39/12. RIH. CO cmt, tested csg, magnafluxed DC's & tested BOP.

6/24: 7275/87/40/213. Drig. Lost returns @ 7159, 7217, 7225 & 7231. POOH for jet sub; removed jets & tools. Installed btm rubber - air lines. Drl'd & placed jet sub 14 stds from sfc.

6/25: 7578/87/41/303. Drig.

6/26: 7760/87/42/182. Drig. Drl'd to 7630 & bit torqued up. POOH; had lost 16 tungsten carbide inserts from NBS. Repl'd btm NBS & added SS to string. RIH & added jet sub.

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

7960/87/43/200. Drig.

JUN 27 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

8202/87/44/242. Drig.

JUN 28 1979

Shell-Ute 1-386
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

8310/87/45/108. RIH.

JUN 29 1979

ALTAMONT

Shell-Ute 1-386
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

6/30: 8498/87/46/296. Drlg.
7/1: 8718/87/47/220. Drlg.
7/2: 8895/87/48/177. Drlg.

6/30 - 7/2/79

ALTAMONT

Shell-Ute 1-386
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

9080/87/49/185. Drlg.

JUL 3 1979

Shell-Ute 1-386
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

7/4: 9215/87/50/135. Drlg.
7/5: 9412/87/51/197. Drlg.

7/4 - 5/79

ALTAMONT

Shell-Ute 1-386
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

9626/87/52/214. Drlg.

JUL 6 1979

Shell-Ute 1-386
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR 7/7-9/79
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

7/7: 9747/87/53/121. Drlg.
7/8: 9975/87/54/228. Drlg.
7/9: 10,173/87/55/198. Drlg. Lost full returns @
10,074. Emp'd LCM pill & rec'd returns.

Shell-Ute 1-386
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

10,293/87/56/120. Testing BOP. Magnafluxed DC's,
all OK.

JUL 10 1979

Shell-Ute 1-386
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

10,417/87/57/124. Drlg.

JUL 11 1979

Shell-Ute 1-386
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

10,645/87/58/228. Drig.

JUL 12 1979

Shell-Ute 1-386
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

10,818/87/59/173. Trip'g.

JUL 13 1979

Shell-Ute 1-386
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

7/14: 11,012/87/60/194. Drig.
7/15: 11,222/87/62/210. Drig.
7/16: 11,395/87/62/173. TOOH for bit.

7/14-16/79

Shell-Ute 1-386
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

11,545/87/73/150. Drig.

JUL 17 1979

Shell-Ute 1-386
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

11,760/87/64/215. Drig.

JUL 18 1979

Shell-Ute 1-386
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

11,868/87/65/108. Drig.

JUL 19 1979

Shell-Ute 1-386
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

11,930/87/66/62. RD log'rs. Schl ran DIL/SP/BHC Sonic/
GR/Cal & FDC/CNL/GR/Cal.

JUL 20 1979

Shell-Ute 1-386
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR 7/21-23/79
13-3/8" csg @ 325'
9-5/8" csg @ 7050'
7" csg @ 11,919'

7/21: 11,930/87/67/0. Run'g 7" csg.
7/22: 11,930/87/68/0. Test'g BOP. Ran 271 jts 7". 895,
LTS&C, Ord, 26# & 29# csg to 11,919' & cnt'd w/255 sx Howco
lite w/12 Walad 9, 1/4#/ex Floccia & .1% WRS & 210 ex
Class "B" w/1/4#/ex Floccia & 5% WRS. CIP 10:50 a.m.
7/23: 11,930/87/69/0. CO cnt. Found cnt top @ 11,823.29.
Tested BOP.

Shell-Ute 1-386
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'
7" csg @ 11,919'

11,930/87/70/0. Logging

JUL 2 4 1979

Shell-Ute 1-386
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'
7" csg @ 11,919'

12,029/87/71/99. Drlg.
Mud: (.478) 9.2 x 31

JUL 2 5 1979

Shell-Ute 1-386
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'
7" csg @ 11,919'

12,170/87/72/141. Drlg.
Mud: (.478) 9.2 x 32 x 58.6

JUL 2 6 1979

Shell-Ute 1-386
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'
7" csg @ 11,919'

12,314/87/73/144. Spotting LCM.
Mud: (.468) 9.0 x 30 x 64

JUL 2 7 1979

Shell-Ute 1-386
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'
7" csg @ 11,919'

7/28: 12,314/87/74/0. Log'g. Found csg prt'd @ 213-223
& bad spt @ 3200. Ran McC csg profile & caliper log.

Mud: (.468) 9 x 30

7/29: 12,314/87/75/0. Sat'g stack on WH. Ran OEDP to
11,222. Howco equalized 35 sx Class "G" cmt plug retarded
5 hrs w/61 bbls mud. Ran Bowen csg spear & pulled slips &
5 jts 7" csg (213').

Mud: (.468) 9 x 30

7/30: 12,314/87/76/0. NU. Cut csg @ 3250 & ran csg spear;
pulled csg. Ran 3370' 7", 26#, S95, LT&C used csg. Unnip'd
& landed csg. Csg patch @ 3350'.

Mud: (.468) 9 x 30

7/28-30/79

Shell-Ute 1-386
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'
7" csg @ 11,919'

12,314/87/77/0. RIH. NU & landed csg. Tested BOP's.
Mud: (.468) 9 x 30

JUL 3 1 1979

Shell-Ute 1-386
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'
7" csg @ 11,919'

12,314/87/78/0. Testing csg. RIH to 3965' & tested csg.
Press'd to 2000# 5 mins & lost 100 psi. Press'd to 3000#
& decr'd to 2800 in 1/2 min then slowly to 1450 in 20 mins.
Mud: (.468) 9.0 x 29

AUG 1 1979

ALBANY

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR AUG 2 1979
13-3/8" csg @ 325'
9-5/8" csg @ 7050'
7" csg @ 11,919'

12,314/87/79/0. ND. After find'g leak @ 3965, pulled tools to 2950 & tested 1 std @ a time; ok until 3581. Press drop'd from 3000-1000// in 3 mins, then to 500// in total of 6 mins. Strap'd out 39 stds; leak approx 3570. RIH OE to 11,274. Equalized a 50 sx (1.15 yield & 15.8 ppg) Class H w/.2% HR4. Est top of cmt @ 11,000'. CIF @ 5:06 p.m. Diapl'd 3 BW & 74 bbls mud & POOH. RIH w/RTTS to 3627 & tested to 3000// 20 mins, ok. RIH & cut csg @ 3650; POOH.

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'
7" csg @ 11,919'

12,314/87/80/0. Test'g csg. POOH & csg unscrewed on way out; left 15 jts in hole. RIH w/apcar & POOH w/rest of csg. RIH w/mill & cleaned off cut; POOH. RIH w/Bowen 7" pkr-type patch & latched on; ND. Tested x-bushing to 4000// & csg to 3000//, ok. Lost tong die in csg; will run mill. AUG 3 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR 8/4-6/79
13-3/8" csg @ 325'
9-5/8" csg @ 7050'
7" csg @ 11,919'

8/4: 12,314/87/81/0. TOOH for bit. Tested HOPE. CO cmt plug 11,100-11,340. Reamed 180' to btm & circ'd btms up.
Mud: (.468) 9 x 29
8/5: 12,423/87/82/109. TOOH. Washed & reamed 68' to bt
Mud: (.478) 9.2 x 31 x 56
8/6: 12,595/87/83/172. Drig.
Mud: (.478) 9.2 x 31 x 56

ALTAMONT

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'
7" csg @ 11,919'

12,790/87/84/195. Drig.
Mud: (.478) 9.2 x 31 x 44

AUG 7 1979

ALTAMONT

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'
7" csg @ 11,919'

12,936/87/85/146. Drig.
Mud: (.483) 9.3 x 33 x 46

8/8/79

ALTAMONT

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'
7" csg @ 11,919'

13,110/87/86/174. Drig.
Mud: (.478) 9.2 x 33 x 43

AUG 9 1979

ALTAMONT

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'
7" csg @ 11,919'

13,300/87/87/190. Drlg.
Mud: (.483) 9.3 x 33 x 46

AUG 10 1979

ALTAMONT UNIT

WELL: UTE 1-3B6
W.O. #: 577901
OBJECTIVE: To complete & evaluate well
PRIOR TEST:
DATE: 9/15 & 9/16/79
CUM. COST: 4820

9/17/79

9/17/79 RIH with Hog with retrieving head for RBP, displace hole with clean produced water & retrieve RBP.

9/16/79 Shutdown

9/15/79 First report on this location. TD 15,810' AFE provides funds to complete & evaluate well. MI & RU completion rig. Shutdown rig.

ALTAMONT UNIT

WELL: UTE 1-3B6
W.O. #: 577901
OBJECTIVE: To complete & evaluate well
PRIOR TEST:
DATE: 9/1 & 9/1 /79
CUM. COST:

9/19/79

9/18/79 Circ. hole with clean produced water & retrieve hall. bridge plug.

9/17/79 Pick up 11,600' of 2 7/8" N 80 3rd tbg single jt. & RIH. S.I.O.N.

Well: Ute 1-3B6
Rig: Wows-19
Objective: Completion
W.O.#: 577901
Cum. Cost: 12,020
Auth. Amount: \$2,005,000
Daily Cost:

9/20/79

9/18/79 RIH & Tag Hal bridge plug @ 11,777' tbg measurements. Pull up 1 jt. Circ mud out of hole with clean produced water. Pick up 1 jt. tbg. & release B.P. No pressure on well after releasing B.P. POOH did not have B.P. RIH & tag B.P. @ 8700' + or - Start out of hole with tgb. S.I.O.N.

ALTAMONT UNIT
WELL UTE 1-3B6
RIG WOW
OBJ: COMPLETE IN WASATCH
AFE 577901
DAILY COST 34298.

AUTH AMT: 2000000.
CUM COST 64870.

92479 SEP 26 1979

STATUS: FLOWING WELL TO PIT
REPORT:

RIG UP B.J. HUGHES AND ACIDIZE WELL. TOTAL TIME 1.25 HRS
ISP-2350 PSI. 5 MIN-1920 PSI. 10 MIN-1840 PSI. 15 MIN-
1800 PSI 30 MIN 1740 PSI MAX RATE 183PM, AVG RATE 143PM. MIN
RATE 123PM. MAX PSI 7950 AVG PSI 6200, MIN PSI 4300. ACID --
738 BBLs . FLUSH 137 BBLs WATER. TOTAL FLUID 875 BBLs. MAX CSG
PSI DURING TREATMENT 2350. PUMPED 7000 LBS
S.A.F. RUN G.R. LOG. 90% TREATMENT FROM 11,870' TO 14,300'
10% TREATMENT FROM 14,300' TO 15,175'. NO TREATMENT BELOW
15,175'. OPENED WELL TO PIT ON 64/64 T&E CHOKE,
WELL HAD 800 PSI ON TUBING. WELL OPENED TO PIT AT 11:30 PM
PRODUCING WATER.

ALTAMONT UNIT
WELL UTE 1-3B6
RIG WOW
OBJ: COMPLETE IN WASATCH
AFE 577901
DAILY COST 2300.

AUTH AMT: 2000000.
CUM COST 67170.

92579

STATUS: SWABBING
REPORT:

9/28/79
WELL FLOWED TO PIT UNTIL 11:30 AM. UNLOADING
WATER. MADE 8 SWAB RUNS. RECOVERED APPX. 80 BBLs
WATER. ON LAST SWAB RUN RECOVERED APPX 1 BBL OIL.
UNABLE TO GET BELOW 1500' ON 9TH RUN. WAX PLUG
AT THIS POINT. OPEN WELL TO PIT OVERNIGHT. SINCE
OPENING WELL HAVE RECOVERED APPX 300 BBLs WATER AND
15 BBLs OIL BETWEEN FLOWING AND SWABBING. S.I.O.N.

WELL UTE 1-3B6
RIG WOW
OBJ: COMPLETE IN WASATCH
AFE 577901
DAILY COST 2800.

AUTH AMT: 2000000.
CUM COST 69970.

92679

STATUS: SWABBING
REPORT:

9/29-10/1/79
WELL OPEN TO PIT OVERNIGHT, DID NOT PRODUCE ANYTHING.
RIH WITH SWAB MANDREL COULD NOT GO BELOW 400 FEET.
POOH. PUMP 30 BBLs DIESEL RIG UP WIRELINE AND CUT WAX
DOWN TO 5000 FEET. RIG DOWN WIRELINE AND
FLOW DIESEL BACK TO RIG TANK. RIH WITH SWAB MANDREL.
MADE A TOTAL OF 5 SWAB RUNS, 1ST 4 RUNS RECOVERED 100
PERCENT WATER, 5TH AND FINAL RUN RECOVERED 10 BBLs
OIL. ON 6TH RUN COULD NOT GET BELOW 800 FEET.
DUMPED 30 BBLs DIESEL AND S.I. WELL.
TOTAL RECOVERED FLUIDS WATER, 340 BBLs OIL 25.
SIGN.

WELL: UTE 1-3B6
RIG: WOW
OBJ: COMPLETE IN WASTACH
AFE: 577901 AUTH AMT: 2000000.
DAILY COST: 2700 CUM COST: 81240

10/02/79

10/4/79

STATUS - Swabbing

10/01/79 Made total of 18 swab runs this date recovered 160 bbls water & 20 bbls oil. Had to make a wireline run to cut was. Pump 30 bbls diesel down tbg. & S.I. well. S.D.O.N. cum water 1050 cum oil. Tbg. psi on well after S.I. overnight 275 psi fluid level while swabbing has been staying at 2200'.

WELL: UTE 1-3B6
RIG: WOW
OBJ: COMPLETE IN WASATCH
AFE: 577901 AUTH AMT: 2000000.
DAILY COST: 2300. CUM COST: 67170

10/03/79

10/4/79

STATUS - Mill out & retrieve 5 inch "FA" packer.

10/02/79

Remove wellhead & install BOPS. Release "FH-1" Hydrostatic packer & P.O.O.H. Pick up mill & packer plucker & RIH to 11,000 feet + or - . S.D.O.N.

WELL UTE 1-3B6
RIG WOW
OBJ: COMPLETE IN WASATCH
AFE 577901 AUTH AMT: 2000000.
DAILY COST 4806. CUM COST 88996.

10479

10/4/79

STATUS: RUNNING MILL TO CLEAN OUT.

REPORT:

RIH WITH MILL AND MILL OUT BAKER 5 INCH F.A. PACKER. P.O.O.H. WITH TBG AND PACKER. PICK UP 4 1/8 INCH O.D. MILL AND RIH TO 9000 FEET + OR -. S.D.O.N.

ALTAMONT UNIT

WELL UTE 1-3B6
RIG WOW
OBJ: COMPLETE IN WASATCH
AFE 577901 AUTH AMT: 2000000.
DAILY COST 3450. CUM COST 92446.

00479

10/5/79

STATUS: PREPARE TO ACIDIZE

REPORT:

RIH TO 15,830 FEET TBG. MEASUREMENTS AND TAG BOTTOM. HOLE CLEAN TO 15,830 FEET. PUMP 800 BBLs CLEAN PRODUCED WATER GOING REVERSE TO CLEAN OUT HOLE. P.O.O.H. LEAVING 3000 FEET OF TBG IN HOLE OVER NIGHT. S.D.O.N.

TAMONT UNIT

WELL 1-386

RIG 19

AFF# 577901

DAILY COST \$21,672

10/9/79

AUTH. AMT.

CUM. COST \$177,368

10-8-79

STATUS FINISH PULLING TEG. & RUN BEAM PUMPING EQUIPMENT!

10-7-79

SHUTDOWN SUNDAY

10-6-79

RIG UP B.J. HUGHES PRESSURE TEST LINES & WELLHEAD TO

8000 PSI. ACIDIZE 1ST. STAGE PER PROGNOSIS: ISP - 2500#, 5 MIN. - 2170#, 10 MIN. - 2000#, 15 MIN. - 1950#, 30 MIN. - 1840#. MAX

PSI. 7800#, AVE. PSI. 6500#, MIN PSI. 5800#. MAX RATE 6.5 BRLS P/M, AVE RATE 5.5 BRLS. P/M, MIN RATE 4.0 BRLS. P/M

ACID 6000 GALS. FLUSH 4000 GALS. TOTAL 10,000 GALS. MAX BACKSIDE PSI. - 2100#. BLEED WELL OFF TO PIT, REMOVED WELLHEAD

INSTALL BOPS, RELEASED PACKER, IPULL UP RESET PACKER @ 15,218' TRG. MEASUREMENT REMOVED BOPS INSTALL 10,000# WELLHEAD PRESSURE

TEST LINES & WELLHEAD TO 8000 PSI. ACIDIZE 2ND STAGE PER PROGNOSIS. ISP - 2600#, 5 MIN. - 2100#, 10 MIN. - 2000#, 15 MIN.

- 2000#, 30 MIN. - 1800#. MAX PSI. 7800#, AVE PSI. 7000# MIN. PSI. 5900#. MAX RATE 12 BRLS. P/M, AVE RATE 9 BRLS. P/M

MIN RATE 6 BRLS. P/M

ACID 4000 BRLS. FLUSH 4000 BRLS TOTAL 8000 BRLS. IRIG DOWN B.J.

BLEED OFF TO PIT REMOVE WELLHEAD, INSTALL BOPS RELEASE PACKER, IPULL UP OUT OF LINER. MAX. BACKSIDE PSI. ON 2ND. STAGE 2200# S.P.O.

WELL 1-386

RIG 19

AFF# 577901

DAILY COST \$ 3,250

AUTH. AMT.

CUM. COST \$95,696

10-6-79

STATUS ACIDIZE

10-5-79

FINISH POOH WITH TRG. RTH WITH BAKER 5 IN. FULLBORE PACKER & I

SET @ 15,380' TRG MEASUREMENT. PUMP 100 BRLS; HOT PRODUCED WATER TO FLUSH TRG. DROP STANDING VALVE AND PRESSURE TEST TRG. TO 6000 PSI. TRG. OK REMOVE BOPS & INSTALL 10,000 PSI. WELLHEAD S.D.U.N.

WELL 1-3B16

RIG 19

10/10/79

AFE NO #577901
DAILY COST \$2620

AUTH. AMT.
CUM. COST \$119,088 EST.

DATE 10-9-79

STATUS RUN BEAM PUMP AND RODS.

DATE 10-8-79

POOH. LAYING DOWN 5700 FT. !OF TBG. FINISH PULLING TBG. AND
5 IN. FULLBORE PACKER. MADE UP 7 IN. ANCHOR CATCHER,
10 FT. 2 7/8 IN. SUB., SEATING NIPPLE WITH 10 FT. X 1 1/2 IN.
GAS ANCHOR, 20 FT. X 2 7/8 MUD ANCHOR. RIM WITH SAME
AND 2 7/8 IN. TBG. SET ANCHOR CATCHER @ 6003 FT.
LAND TBG. WITH 14,000 LBS. TENSION. REMOVE BOFS.
INSTALL 10,000# TIV VALVE. S.I. WELLHEAD FOR NIGHT.
S.P.O.M.

WELL 1-3B6
RIG 19

AFE NO
DAILY COST \$2150

10/10/79

AUTH. AMT.
CUM. COST \$122,138

10-9-79

MAKE UP 1 3/4IN. PUMP WITH BOTTOM MECHANICAL HOLD DOWN,
PUMP NO. SH-51. R.I.H. WITH PUMP AND RODS. RAM
123 - 3/4IN., 61 - 7/8IN., 53 - 1IN., SEATED IN S.N.
@ 6000' SPACE OUT RODS TEST TBG. TO 1500# O.K.
STROKE 1PUMP, PUMP ACTION GOOD. R.D. RIG AND EQUIPMENT

OIL & GAS CONSERVATION COMMISSION

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.)

<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>2. NAME OF OPERATOR SHELL OIL COMPANY</p> <p>3. ADDRESS OF OPERATOR P. O. BOX 831, HOUSTON, TX 77001</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1315' FNL and 871' FEL, Section 3</p>		<p>5. LEASE DESIGNATION AND SERIAL NO.</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME UTE</p> <p>7. UNIT AGREEMENT NAME UNIT</p> <p>8. FARM OR LEASE NAME</p> <p>9. WELL NO. 1-3B6</p> <p>10. FIELD AND POOL, OR WILDCAT</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE/4 NE/4 Section 3, T2S, R6W</p> <p>12. COUNTY OR PARISH DUCHESNE</p> <p>13. STATE UTAH</p>
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, OR, etc.)	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Well Status Report</u> <input checked="" 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.)*

SEE ATTACHED

RECEIVED

FEB 25 1980

DIVISION OF OIL, GAS & MINING

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

SIGNED FT Berkel TITLE Staff Engineer DATE 2-21-80

(This space for Federal or State office use)

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

UTAH

ALTAMONT

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
MAY 16 1979

"FR" 325/100/1/325. NU. Located 1315' FNL & 871 FEL,
NE/4 NE/4 Section 3-T2S-R6W, Duchesne County, Utah.
Shell's Working Interest: 100%. Spudded 1:00 p.m. 5/15/79
Ran 8 jts, 54#, K-55, ST&C 13-3/8" csg to 325' & cmt'd
w/500 sx Class G, & 2% CaCl2. CIP 5:30 AM Dev: 1/2 deg
@ 300'.
Mud: (.462) 8.9 x 54

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'

375/100/2/50. Drlg.

MAY 17 1979

RECEIVED

FEB 25 1980

DIVISION OF
OIL, GAS & MINING

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'

442/100/3/67. Backing off. Jarred; freepoint shows bit
& shock sub stuck.
Mud: (.462) 8.9 x 55

MAY 18 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
MAY 21 1979

5/19: 553/100/4/111. Drlg. Washed over 50' fish.
Rec'd fish. Drld to 553; lost returns.
Mud: (.447) 8.6 x 35
5/20: 1370/100/5/817. Drlg. Dev: 1/4 deg @ 1169'.
Mud: (.452) 8.7 x Air
5/21: 1965/100/6/595. Trip'g. Dev: 1/2 deg @ 1965'.
Mud: Wtr & Air

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'

2445/100/7/480. Drlg. Dev: 3/4 deg @ 2323'.

MAY 22 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'

3240/100/8/795. Drlg.

Mud: Wtr

MAY 23 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'

3855/100/9/615. Drlg.

Mud: Wtr

MAY 24 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'

4265/100/10/410. Drlg. Dev: 2 deg @ 4081'.

Mud: Wtr

MAY 25 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
MAY 29 1979

5/26: 4690/87/11/425. Drlg.

Mud: Wtr & Air

5/27: 4798/87/12/108. Drlg. Reamed 4609-4798'.

5/28: 4991/87/13/193. TIH for fish. Twisted off @ 4991'.
POOH; left SS, 5 - 9" DC & 2 - 8" DC's.

Mud: Wtr & Air

5/29: 5045/87/14/54. Drlg. Pulled fish. Magnufluxed DC's
Mud: Wtr & Air

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'

5285/87/15/240. Drlg. Drld to 5108 & had tight hole.
Added soap & circ'd hole clean. Washed to btm.

MAY 30 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'

5507/87/16/222. Drlg.

MAY 31 1979

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Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'

5628/87/17/121. Drlg. Dev: 3-1/2 deg @ 5332'.

Mud: Wtr

JUN 01 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'

6/2: 5875/87/18/247. Drlg.

6/3: 6025/87/19/150. Drlg.

Mud: Wtr

6/4: 6250/87/20/225. Drlg.

3-3/4 deg @ 5990'.

JUN 04 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'

6490/87/21/240. Drlg.

Mud: Wtr

JUN 05 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'

6494/87/22/4. CO fill. Saver sub to Christensen shock sub twisted off 8" above pin, leaving 3' of fish, bit & Eastman instru. Made up lip guide on globe basket for fish'g instru. RIH w/fish'g tools; CO 55' fill.

Mud: Wtr JUN 06 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'

6494/87/23/0. Wash'g over fish. CO fill to top of instru @ 6489 & tried to fish over instru. Chained out of hole; no fish. RIH w/10-5/8 overshot & tried to get over fish; unsuccessful. Acme bld'g washover shoe w/9-1/16" ID & 11-1/2" OD. RIH.

Mud: Wtr

JUN 07 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'

6494/87/24/0. Mak'g up fish'g tools. Washed over fish & POOH; RIH w/overshot & 9" grapple & worked over fish. POOH; left spiral grapples in hole (inside of grapple control damaged). RIH w/new 10-5/8 overshot dressed w/9' spiral grapples. Latched onto fish & pulled 85,000# over wt of string; grapples pulled off fish. POOH; left part of grapple.

Mud: Wtr

JUN 08 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'

6/9: 6494/87/25/0. RIH. Went over fish w/grapples & overshot. Pulled 95,000# over wt & chained out of hole; no fish. RIH & washed over fish; POOH. RIH w/overshot & basket grapples; tool stop'd @ 6284. POOH.

6/10: 6494/87/26/0. POOH. RIH w/overshot w/basket grapples. Worked thru tight spt @ 6250. Had tight spts from 6404 to top of fish. Worked over fish & POOH.

6/11: 6494/87/27/0. LD fish'g tools. POOH w/11-1/2 overshot; no fish. Had indication of junk around fish. RIH w/12-1/8 x 9-3/4 washover pipe - mill'g up junk. RIH w/11-1/2 x 9-7/16 overshot w/grapples & worked over fish. Jar'd & worked in tight spts. Tight 1st 6 stds; no fish. Indication fish pulled thru grapples while jar'g out of hole.

JUN 11 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'

6494/87/28/0. Mak'g pit wtr. RIH to top of fish & circ'd; RIH w/10-5/8 overshot w/8-3/4 grapples, but could not get over fish. Pulled pipe to 4600; pit dr

JUN 12 1979

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Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'

JUN 13 1979

6494/87/29/0. Circ'g w/air bld wtr supply. POOH; no fish. RIH w/12-1/8 saw tooth shoe w/basket grapple & worked over fish. Chained out w/o fish. RIH w/10-5/8 overshoot w/deep hook wall lip w/8-3/4 grapple, but couldn't get fish pulled from wall; circ'd.

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'

JUN 14 1979

6494/87/30/0. POOH. POOH; had spread & torn lip guide on 10-5/8 overshoot & tools. RIH w/washover shoe; milled over 2-1/2' & POOH. Shoe showed to have been over fish. RIH w/10-5/8 overshoot dressed for 8-1/2" & worked over fish. POOH; rec'd fish.

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'

JUN 15 1979

6494/87/31/0. Circ'g & bld'g wtr vol. POOH & LD fish. Milled & cleaned up junk.

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Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'

6/16: 6660/87/32/166. Drlg.
6/17: 6854/87/33/194. Drlg.
6/18: 7012/87/34/158. Drlg.

JUN 18 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'

JUN 19 1979

7050/87/35/38. Run'g csg. Schl ran DIL/SP/GR.

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

JUN 20 1979

7050/87/36/0. PU csg cut'r. Ran 9-5/8", 40#, K55, LT&C, 8rd csg to 7050' (DP meas) & cmt'd. BJ pmp'd 20 bbls frh wtr ahead, then pmp'd 1st stage of 300 sx 12.4 ppg BJ lite w/8.5% gel & yield of 1.97, foll'd by 200 sx Class "G" w/.2% R5 @ 15.8 ppg & 1.15 yield as per prog. After displ'g cmt w/500+ bbls pit wtr, csg prt'd; could not get accurate displmt vol due to foam & suds. Had very little press incr when csg prt'd. POOH & LD 3901.78'; jt had opened up 10'+ from pin end (vertical & horizontal cracks).

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

JUN 21 1979

7050/87/37/0. ND. RIH w/inside spear & cut'r. Cut & retr'd prt'd end of csg. PU Bowen pkr patch, RIH & worked over csg stub. Press tested csg to 1500 psi 1 hr, ok. RD csg crew.

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

7050/87/38/0. Test'g BOP. Installed AP spool & tested
to 3000 psi. NU.
JUN 22 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

6/23: No report.
6/24: No report.
6/25: 7578/87/41/303. Drlg.

JUN 25 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

6/23: 7062/87/39/12. RIH. CO cmt, tested csg, magnafluxed
DC's & tested BOP.
6/24: 7275/87/40/213. Drlg. Lost returns @ 7159, 7217,
7225 & 7231. POOH for jet sub; removed jets & tools.
Installed btm rubber - air lines. Drld & placed jet sub
14 stds from sfc.
6/25: 7578/87/41/303. Drlg.
6/26: 7760/87/42/182. Drlg. Drld to 7630 & bit torqued
up. POOH; had lost 16 tungston carbide inserts from NBS.
Repl'd btm NBS & added SS to string. RIH & added jet sub.

JUN 26 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

7960/87/43/200. Drlg.
JUN 27 1979

RECEIVED

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DIVISION OF
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Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

8202/87/44/242. Drlg.

JUN 28 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

8310/87/45/108. RIH.

JUN 29 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

6/30: 8498/87/46/296. Drlg.
7/1: 8718/87/47/220. Drlg.
7/2: 8895/87/48/177. Drlg.

JUL 2 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

9080/87/49/185. Drlg.

JUL 3 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

7/4: 9215/87/50/135. Drlg.

7/5: 9412/87/51/197. Drlg.

JUL 05 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

9626/87/52/214. Drlg.

JUL 06 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

7/7: 9747/87/53/121. Drlg.

7/8: 9975/87/54/228. Drlg.

7/9: 10,173/87/55/198. Drlg. Lost full returns @
10,074. Pmp'd LCM pill & rec'd returns.

JUL 09 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

10,293/87/56/120. Testing BOP. Magnafluxed DC's,
all OK.

JUL 10 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

10,417/87/57/124. Drlg.

JUL 11 1979

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DIVISION OF
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Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

10,645/87/58/228. Drlg.

JUL 12 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

10,818/87/59/173. Trip'

JUL 18 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

7/14: 11,012/87/60/194. Drlg.
7/15: 11,222/87/61/210. Drlg.
7/16: 11,395/87/62/173. TOOH for bit.

JUL 16 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

11,545/87/63/150. Drlg.

JUL 17 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

11,760/87/64/215. Drlg.

JUL 18 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

11,868/87/65/1087. Drlg.

JUL 19 1979

RECEIVED

FEB 25 1980

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Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'

11,930/87/66/62. RD log'rs. Schl ran DIL/SP/BHC Sonic/
GR/Cal & FDC/CNL/GR/Cal.

JUL 20 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'
7" csg @ 11,919'

7/21: 11,930/87/67/0. Run'g 7" csg.
7/22: 11,930/87/68/0. Test'g BOP. Ran 271 jts 7", S95,
LT&C, 8rd, 26# & 29# csg to 11,919' & cmt'd w/865 sx Howco
lite w/1% Halad 9, 1/4#/sx flocele & .1% HR5 & 210 sx
Class "H" w/1/4#/sx flocele & 5% HR5. CIP 10:50 a.m.
7/23: 11,930/87/69/0. CO cmt. Found cmt top @ 11,688.29.
Tested BOPE.

JUL 23 1979

Shell-Ute 1-3B6
(D) Brinkerhoff
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'
7" csg @ 11,919'

11,930/87/70/0. Logg

JUL 24 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'
7" csg @ 11,919'

12,029/87/71/99. Drlg.
Mud: (.478) 9.2 x 31

JUL 25 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'
7" csg @ 11,919'

12,170/87/72/141. Drlg.
Mud: (.478) 9.2 x 32 x 58.6

JUL 26 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'
7" csg @ 11,919'

12,314/87/73/144. Spotting LCM.
Mud: (.468) 9.0 x 30 x 64

JUL 27 1979

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FEB 25 1980

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Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'
7" csg @ 11,919'

7/28: 12,314/87/74/0. Log'g. Found csg prt'd @ 213-223
& bad spt @ 3200. Ran McC csg profile & caliper log.
Mud: (.468) 9 x 30

7/29: 12,314/87/75/0. Set'g stack on WH. Ran OEDP to
11,222. Howco equalized 35 sx Class "G" cmt plug retarded
5 hrs w/61 bbls mud. Ran Bowen csg spear & pulled slips &
5 jts 7" csg (213').

Mud: (.468) 9 x 30

7/30: 12,314/87/76/0. NU. Cut csg @ 3250 & ran csg spear;
pulled csg. Ran 3370' 7", 26#, S95, LT&C used csg. Unnip'd
& landed csg. Csg patch @ 3350'.

Mud: (.468) 9 x 30

JUL 30 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'
7" csg @ 11,919'

12,314/87/77/0. RIH. NU & landed csg. Tested BOP's.
Mud: (.468) 9 x 30

JUL 31 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'
7" csg @ 11,919'

12,314/87/78/0. Testing. RIH to 3965' & tested csg.
Press'd to 2000# 5 mins & test 100 psi. Press'd to 3000#
& decr'd to 2800 in 1/2 min then slowly to 1450 in 20 mins.
Mud: (.468) 9.0 x 29

AUG 1 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'
7" csg @ 11,919'

12,314/87/79/0. ND. After find'g leak @ 3965, pulled
tools to 2950 & tested 1 std @ a time; ok until 3581.
Press drop'd from 3000-1000# in 3 mins, then to 500# in
total of 6 mins. Strap'd out 39 stds; leak approx 3570.
RIH OE to 11,274. Equalized a 50 sx (1.15 yield & 15.8
ppg) Class H w/.2% HR4. Est top of cmt @ 11,000'. CIP
@ 5:06 p.m. Displ'd 3 BW & 74 bbls mud & POOH. RIH w/RTTS
to 3627 & tested to 3000# 20 mins, ok. RIH & cut csg @
3650; POOH. AUG 2 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'
7" csg @ 11,919'

12,314/87/80/0. Test'g csg. POOH & csg unscrewed on way
out; left 15 jts in hole. RIH w/spear & POOH w/rest of
csg. RIH w/mill & cleaned off cut; POOH. RIH w/Bowen 7"
pk-r-type patch & latched on; ND. Tested x-bushing to
4000# & csg to 3000#, ok. Lost tong die in csg; will run
mill. AUG 3 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'
7" csg @ 11,919'

8/4: 12,314/87/81/0. TOO H for bit. Tested BOPE. CO
cmt plug 11,100-11,340. Reamed 180' to btm & circ'd
btms up.
Mud: (.468) 9 x 29
8/5: 12,423/87/82/109. TOO H. Washed & reamed 68' to btm.
Mud: (.478) 9.2 x 31 x 56
8/6: 12,595/87/83/172. Drlg.
Mud: (.478) 9.2 x 31 x 56 AUG 6 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'
7" csg @ 11,919'

12,790/87/84/195. Drlg.
Mud: (.478) 9.2 x 31 x 44

AUG 7 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'
7" csg @ 11,919'

12,936/87/85/146. Drlg.
Mud: (.483) 9.3 x 33 x 46

AUG 8 1979

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Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'
7" csg @ 11,919'

13,110/87/86/174. Drlg.
Mud: (.478) 9.2 x 33 x 43

AUG 9 1979

Shell-Ute 1-3B6
(D) Brinkerhoff #69
15,800' Wasatch Test
EL 6956' GR
13-3/8" csg @ 325'
9-5/8" csg @ 7050'
7" csg @ 11,919'

13,300/87/87/190. Drlg.
Mud: (.483) 9.3 x 33 x 46

AUG 10 1979

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8-10-79
13,300/190//86/87. Status: Drilling.
Mud: (.483) 9.3 x 33 x 46

8-11-79
13,435/135//87/87. Status: Trip in.
Drilling to 13,435 - bit quit, circ & fill,
trip in, trip out, change out top two stab,
trip in w/bit #27.
Mud: (.488) 9.4 x 33 x 43

8-12-79
13,665/230//88/87. Status: Drilling.
Mud: (.483) 9.3 x 31 x 40

8-13-79
13,872/207//89/87. Status: Drilling.
Mud: (.483) 9.3 x 32 x 39

8-14-79
14,076/204//90/87. Status: Drilling.
Mud: (.488) 9.4 x 33 x 32
No gas, 60-70% red shale, 34 SPM - 700 psi off bottom

8-15-79
14,260/184//91/87. Status: Drilling.
Mud: (.519) 10.0 x 36 x 28
No gas, red shale, 34 strokes off bottom, 700 psi

8-16-79
14,430/170//92/87. Status: Drilling.
Mud: (.519) 10.0 x 34 x 28.6
No gas shows, red beds yet.

8-17-79
14,566/136//93/87. Status: Drilling.
Mud: (.520) 10.0 x 34 x 26.2
Found blacks & gray in samples @ 14,556, no gas.

8-18-79
14,698/132//94/87. Status: Drilling.
Mud: (.520) 10.0 x 36 x 24.6
No gas, red & black & gray shale.

8-19-79
14,854/156//95/87. Status: Drilling.
Mud: (.520) 10.0 x 34 x 24.2
No gas shows.

8-20-79
14,963/109//96/87. Status: Drilling.
Working pipe, filling trip tank, pump psi fell
off to 650 psi, pulled shoe, cond mud.
Mud: (.520) 10.0 x 35 x 24.6

8-21-79
14,984/21//97/87. Status: Drilling.
Ream & clean, build trip tank & fill, test BOP,
install 27 rubbers on drill pipe.
Mud: (.525) 10.1 x 36 x 20.5

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Ute 1-3B6

8-22-79
15,113/129//98/87. Status: Drilling.
37 SPM - 1050 psi, 50% red shale.
Mud: (.525) 10.1 x 33 x 24.6

8-23-79
15,168/55//99/87. Status: Drilling.
Drilling to 15,151 - losing pump press. check out,
pumps OK, fill trip tk, dry job, POOH. Found
cracked box and wash out on NWDP next to collars,
Magnflux, bottom two collars and stab. Found lead
collar & one stab with cracked pin. Lay down same.
Wash & ream 50'.
Mud: (.532) 10.2 x 32 x 23

8-24-79
15,290/122//100/87. Status: Drilling.
Mud: (.530) 10.2 x 33 x 20.6
Kill speed 43 SPM 1500 (10.2 ppg)
37 SPM 1050
Had a little show 15, 225+. Had 18 units
bottoms up (Con gas 10 unit) Background 1 unit.

8-25-79
15,363/73//101/87. Status: Drilling.
Mud: (.530) 10.2 x 32 x 21

8-26-79
15,470/107//102/87. Status: Drilling.
Mud: (.535) 10.3 x 33 x 20.4

8-27-79
15,648/178//103/87. Status: Drilling.
Background gas 10 units, connection gas 12.
20-30% red shale, 60% gray & green, 10% sand.
Excess line 2.5 ppb.
Mud: (.535) 10.3 x 33 x 19.6

8-28-79
15,810/162//104/87. Status: Trip out.
Drilling to 15,810 - bit quit. Fill trip in, dry
job. strap out of hole for bit #30. Background
gas & conn about same.
Mud: (.535) 10.3 x 35 x 18.8

8-29-79
15,810/0//105/87. Status: Pulling to log.
W0 Schlumberger, logging - ran DILA, stopped @
14,060, logged back to 11,919. Ran drill hook
up and 6" mill tooth bit to 15,810, hit small
tight spot @ 14,060-14,080. Circ bottoms up
w/450 units gas for 5 min. Pulled 25 stds, ran
back. Circ bottoms up, dry pulling to log.
No gas on sec trip. Drilled 574 holes (3/8")
in liner.
Mud: (.535) 10.3 x 35 x 17.6

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DIVISION OF
OIL, GAS & MINING

Ute 1-3B6

8-30-79

15,810/0//106/87. Status: Logging.
Trip bottoms up, 10 units gas. Hole like
gun bbl w/drill string. Ran DIL, stopped @ 15,350.
Hung up f/3000 to 15,000, some places hole 20"
in dia. Built Vis up.
Mud: (.535) 10.3 x 42 x 16.6

8-31-79

15,810/0//107/87. Status: Logging.
Circ, CDL, Log 12,300-12,260 stuck, but loose
now - w/sonic. Ran DIL - FDC/CNL, sonic.
Mud: (.540) 10.4 x 46 x 15.8

9-1-79

15,805/0//108/87. Status: Pulling liner tools.
Finish running logs. TIH to cond mud for liner, Circ.
Trip out, rig liner crew & run liner. trip in, set
liner, trip out. Ran 61 jts (2381') of 5" 18#
N-80 SFJ-P w/41 jts (1579') of blank N-80 5FJ-P
liner (5" 18#), shoe 5' off bottom @ 11,895'.
Burns double slip plain hanger @ 11,839. Total of
3964' liner.
Mud: 10.3 x 39 x 15.6

9-2-79

15,805/0//109/87. Status: Laying down DP.
PU Model E Packer, ran in, pressure test 7" @
11,747, 3000#, 30 min OK. Ran Howco Reliable
bridge plug, set @ 11,747. tested csg @ 3000#-OK.
Rig to lay down DP.
Mud: (.528) 10.3 x 36 x 16.5

9-3-79. TD 15,805/0//110/87. Status: Standby for
LOC. Lay down 3-1/2 DP and DCs. Nipple down
BOP. Clean pits. WOC LOC.
Released rig at 12:00 PM, 9-2-79.

ALTAMONT UNIT

WELL: UTE 1-3B6
W.O. #: 577901
OBJECTIVE: To complete & evaluate well
PRIOR TEST:
DATE: 9/15 & 9/16/79
CUM. COST: 4820

9/17/79

9/17/79 RIH with Hog with retrieving head for RBP, displace hole with clean produced water & retrieve RBP.

9/16/79 Shutdown

9/15/79 First report on this location. TD 15,810' AFE provides funds to complete & evaluate well. MI & RU completion rig. Shutdown rig.

ALTAMONT UNIT

WELL: UTE 1-3B6
W.O. #: 577901
OBJECTIVE: To complete & evaluate well
PRIOR TEST:
DATE: 9/1 & 9/1 /79
CUM. COST:

9/19/79

9/18/79 Circ. hole with clean produced water & retrieve hall. bridge plug.

9/17/79 Pick up 11,600' of 2 7/8" N 80 3rd tbg single jt. & RIH. S.I.O.N.

Well: Ute 1-3B6
Rig: Wows-19
Objective: Completion
W.O.#: 577901
Cum. Cost: 12,020

Auth. Amount: \$2,005,000
Daily Cost:

9/20/79

9/18/79

RIH & Tag Hal bridge plug @ 11,777' tbg measurements. Pull up 1 jt. Circ mud out of hole with clean produced water. Pick up 1 jt. tbg. & release B.P. No pressure on well after releasing B.P. POOH did not have B.P. RIH & tag B.P. @ 8700' + or - Start out of hole with tgb. S.I.O.N.

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OIL, GAS & MINING

ALTAMONT UNIT
WELL UTE 1-3B6
RIG WDW
OBJ: COMPLETE IN WASATCH
AFE 577901
DAILY COST 34298.

AUTH AMT: 2000000.
CUM COST 64870.

92479 SEP 26 1979

STATUS: FLOWING WELL TO PIT
REPORT:

RIG UP B.J. HUGHES AND ACIDIZE WELL. TOTAL TIME 1.25 HRS
ISP-2250 PSI. 5 MIN-1920 PSI. 10 MIN-1840 PSI. 15 MIN-
1800 PSI 30 MIN 1740 PSI MAX RATE 133PM, AVG RATE 143PM. MIN
RATE 123PM. MAX PSI 7950 AVG PSI 6200, MIN PSI 4300. ACID -
738 BBLs. FLUSH 137 BBLs WATER. TOTAL FLUID 875 BBLs. MAX CSG
PSI DURING TREATMENT 2350. PUMPED 7000 LBS
S.A.F. RUN G.R. LOG. 90% TREATMENT FROM 11,870' TO 14,300'
10% TREATMENT FROM 14,300' TO 15,175'. NO TREATMENT BELOW
15,175'. OPENED WELL TO PIT ON 64/64 T&G CHOKE,
WELL HAD 800 PSI ON TUBING. WELL OPENED TO PIT AT 11:30 PM
PRODUCING WATER.

ALTAMONT UNIT
WELL UTE 1-3B6
RIG WDW
OBJ: COMPLETE IN WASATCH
AFE 577901
DAILY COST 2300.

AUTH AMT: 2000000.
CUM COST 67170.

92579

STATUS: SWABBING
REPORT:

9/28/79

WELL FLOWED TO PIT UNTIL 11:30 AM. UNLOADING
WATER. MADE 8 SWAB RUNS. RECOVERED APPX. 80 BBLs
WATER. ON LAST SWAB RUN RECOVERED APPX 1 BBL OIL.
UNABLE TO GET BELOW 1500' ON 9TH RUN. WAX PLUG
AT THIS POINT. OPEN WELL TO PIT OVERNIGHT. SINCE
OPENING WELL HAVE RECOVERED APPX 300 BBLs WATER AND
15 BBLs OIL BETWEEN FLOWING AND SWABBING. S.I.D.N.

WELL UTE 1-3B6
RIG WDW
OBJ: COMPLETE IN WASATCH
AFE 577901
DAILY COST 2800.

AUTH AMT: 2000000.
CUM COST 69970.

92679

STATUS: SWABBING
REPORT:

9/29-10/1/79

WELL OPEN TO PIT OVERNIGHT, DID NOT PRODUCE ANYTHING.
RIH WITH SWAB MANDREL COULD NOT GO BELOW 400 FEET.
POOH. PUMP 30 BBLs DIESEL RIG UP WIRELINE AND CUT WAX
DOWN TO 5000 FEET. RIG DOWN WIRELINE AND
FLOW DIESEL BACK TO RIG TANK. RIH WITH SWAB MANDREL.
MADE A TOTAL OF 5 SWAB RUNS, 1ST 4 RUNS RECOVERED 100
PERCENT WATER, 5TH AND FINAL RUN RECOVERED 10 BBLs
OIL. ON 6TH RUN COULD NOT GET BELOW 800 FEET.
DUMPED 30 BBLs DIESEL AND S.I. WELL.
TOTAL RECOVERED FLUIDS WATER, 340 BBLs OIL 25.
SION.

WELL: UTE 1-3B6
RIG: WOW
OBJ: COMPLETE IN WASTACH
AFE: 577901 AUTH AMT: 2000000.
DAILY COST: 2700 CUM COST: 81240

10/02/79

10/4/79

STATUS - Swabbing

10/01/79 Made total of 18 swab runs this date recovered 160 bbls water & 20 bbls oil. Had to make a wireline run to cut was. Pump 30 bbls diesel down tbg. & S.I. well. S.D.O.N. cum water 1050 cum oil. Tbg. psi on well after S.I. overnight 275 psi fluid level while swabbing has been staying at 2200'.

WELL: UTE 1-3B6
RIG: WOW
OBJ: COMPLETE IN WASATCH
AFE: 577901 AUTH AMT: 2000000.
DAILY COST: 2300. CUM COST: 67170

10/03/79

10/4/79

STATUS - Mill out & retrieve 5 inch "FA" packer.

10/02/79

Remove wellhead & install BOPS. Release "FH-1" Hydrostatic packer & P.O.O.H. Pick up mill & packer plucker & RIH to 11,000 feet + or - . S.D.O.N.

WELL UTE 1-3B6
RIG WOW
OBJ: COMPLETE IN WASATCH
AFE 577901 AUTH AMT: 2000000.
DAILY COST 4806. CUM COST 88996.

10479

10/4/79

STATUS: RUNNING MILL TO CLEAN OUT.

REPORT:

RIH WITH MILL AND MILL OUT BAKER 5 INCH F.A. PACKER. P.O.O.H. WITH TBG AND PACKER. PICK UP 4 1/8 INCH O.D. MILL AND RIH TO 9000 FEET + OR -. S.D.O.N.

ALTAMONT UNIT
WELL UTE 1-3B6
RIG WOW
OBJ: COMPLETE IN WASATCH
AFE 577901 AUTH AMT: 2000000.
DAILY COST 3450. CUM COST 92446.

00479

10/5/79

STATUS: PREPARE TO ACIDIZE

REPORT:

RIH TO 15,830 FEET TBG. MEASUREMENTS AND TAG BOTTOM. HOLE CLEAN TO 15,830 FEET. PUMP 800 BBLs CLEAN PRODUCED WATER GOING REVERSE TO CLEAN OUT HOLE. P.O.O.H. LEAVING 3000 FEET OF TBG IN HOLE OVER NIGHT. S.D.O.N.

TAMONT UNIT

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DIVISION OF
OIL, GAS & MINING

WELL 1-3B6

RIG 19

AFF# 577901

DAILY COST \$21,672

10/9/79

AUTH. AMT.

CUM. COST \$177,368

10-8-79

STATUS FINISH PULLING TBG. & RIH BEAM PUMPING EQUIPMENT!

10-7-79

SHUTDOWN SUNDAY

10-6-79

RIG UP B.J. HUGHES PRESSURE TEST LINES & WELLHEAD TO

8000 PSI. ACIDIZE 1ST. STAGE PER PROGNOSIS: ISP - 2500#, 5 MIN. - 2170#, 10 MIN. - 2000#, 15 MIN. - 1950#, 30 MIN. - 1840#. MAX

PSI. 7800#, AVE. PSI. 6500#, MIN PSI. 5800#. MAX RATE

6.5 BRLS P/M, AVE RATE 5.5 BRLS. P/M, MIN RATE 4.0 BRLS. P/M

ACID 6000 GALS. FLUSH 4000 GALS. TOTAL 10,000 GALS. MAX

BACKSIDE PSI. - 2100#. BLED WELL OFF TO PIT, REMOVED WELLHEAD

INSTALL BOPS, RELEASED PACKER, PULL UP RESET PACKER @ 15,218' TBG.

MEASUREMENT REMOVED BOPS INSTALL 10,000# WELLHEAD PRESSURE

TEST LINES & WELLHEAD TO 8000 PSI. ACIDIZE 2ND STAGE PER

PROGNOSIS. ISP - 2600#, 5 MIN. - 2100#, 10 MIN. - 2000#, 15 MIN.

- 2000#, 30 MIN. - 1800#. MAX PSI. 7800#, AVE PSI. 7000#

MIN. PSI. 5900#. MAX RATE 12 BRLS. P/M, AVE RATE 9 BRLS. P/M

MIN RATE 6 BRLS. P/M

ACID 4000 BRLS. FLUSH 4000 BRLS TOTAL 8000 BRLS. RIG DOWN B.J.

BLED OFF TO PIT REMOVE WELLHEAD, INSTALL BOPS RELEASE PACKER,

PULL UP OUT OF LINER. MAX. BACKSIDE PSI. ON 2ND. STAGE 2200# S.P.O.

WELL 1-3B6

RIG 19

AFF# 577901

DAILY COST \$ 3,250

AUTH. AMT.

CUM. COST \$95,696

10-6-79

STATUS ACIDIZE

10-5-79

FINISH POOH WITH TBG. RIH WITH BAKER 5 IN. FULLBORE PACKER &

SET @ 15,380' TBG MEASUREMENT. PUMP 100 BRLS. HOT PRODUCED

WATER TO FLUSH TBG. DROP STANDING VALVE AND PRESSURE TEST

TBG. TO 6000 PSI. TBG. OK REMOVE BOPS & INSTALL 10,000 PSI. WELLHEAD

S.D.U.N.

RECEIVED
FEB 25 1980

DIVISION OF
OIL, GAS & MINING

WELL 1-3B:6

RIG 19

10/10/79

AFE NO #577901
DAILY COST \$2620

AUTH. AMT.
CUM. COST \$119,088 EST.

DATE 10-9-79

STATUS RUN BEAM PUMP AND RODS.

DATE 10-8-79

POOH. LAYING DOWN 5700 FT. !OF TBG. FINISH PULLING TBG. AND
5 IN. FULLBORE PACKER; MADE UP 7 IN. ANCHOR CATCHER,
10 FT. 2 7/8 IN. SUB., SEATING NIPPLE WITH 10 FT. X 1 1/2 IN.
GAS ANCHOR, 20 FT. X 2 7/8 MUD ANCHOR. RIM WITH SAME
AND 2 7/8 IN. TBG. SET ANCHOR CATCHER @ 6003 FT.
LAND TBG. WITH 14,000 LBS. TENSION. REMOVE BOFS.
INSTALL 10,000# TIV VALVE. S.I. WELLHEAD FOR NIGHT.
S.P.J.N.

WELL 1-3B6
RIG 19

AFE NO
DAILY COST \$2150

10/10/79

AUTH. AMT.
CUM. COST \$122,138

10-9-79

MAKE UP 1 3/4IN. PUMP WITH BOTTOM MECHANICAL HOLD DOWN,
PUMP NO. SH-51. R.I.H. WITH PUMP AND RODS. RAN
123 - 3/4IN., 61 - 7/8IN., 53 - 1IN., SEATED IN S.N.
@ 6000' SPACE OUT RODS TEST TBG. TO 1500# O.K.
STROKE 1PUMP, PUMP ACTION GOOD. R.D. RIG AND EQUIPMENT

~~FINAL WORK REPORT FOR THIS WELLS.~~

RECEIVED
FEB 25 1980

DIVISION OF
OIL, GAS & MINING

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.)

<p>1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR SHELL OIL COMPANY</p> <p>3. ADDRESS OF OPERATOR P. O. BOX 831, HOUSTON, TX 77001</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1315' FNL and 871' FEL, Section 3</p> <p>14. PERMIT NO.</p>		<p>5. LEASE DESIGNATION AND SERIAL NO.</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME UTE</p> <p>7. UNIT AGREEMENT NAME UNIT</p> <p>8. FARM OR LEASE NAME</p> <p>9. WELL NO. 1-3B6</p> <p>10. FIELD AND POOL, OR WILDCAT</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NE/4 NE/4 Section 3, T2S, R6W</p> <p>12. COUNTY OR PARISH DUCHESNE 13. STATE UTAH</p>
<p>15. ELEVATIONS (Show whether DF, RT, OR, etc.)</p>		

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Well Status Report</u> <input checked="" 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.)*

No change from report of 2-21-80.

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MAR 19 1980

DIVISION OF
OIL, GAS & MINING

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

SIGNED *S. M. Joby* TITLE Supvr, Regulatory-Permits DATE 3-11-80

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Shell Oil Company



P.O. Box 831
Houston, Texas 77001

March 11, 1980

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

RECEIVED

MAR 19 1980

DIVISION OF
OIL, GAS & MINING

Gentlemen:

WELL STATUS REPORTS

The current status of each active well in Utah is as follows:

Ute 1-3B6, Section 3, T2S, R6W. A completion report will be forwarded in the near future.

Ute 1-17B6, Section 17, T2S, R6W. Well is still in the testing stage.

Ute 1-36B6, Section 36, T2S, R6W. Well spudded at 4:30 AM, 2-27-80. Presently drilling at a depth of 4835'.

If you have any further questions regarding these wells, please contact Barbara Bernard, (713) 241-4373.

Yours very truly,

G. M. Jobe

G. M. Jobe
Supervisor, Regulatory-Permits
Production Administration
Rocky Mountain Division

GMJ:beb

Attachments

DRILLING WELL PROGNOSIS

WELL NAME UTE 1-386
 TYPE WELL DEVELOPMENT
 FIELD/AREA ALTAMONT

APPROX. LOCATION (SUBJECT TO SURVEY) NE NE SEC.3, T25, R6W

EST. G. L. ELEVATION 6950+ PROJECTED TD 15,800 OBJECTIVE WASATCH
SURFACE - DUCHESNE RIVER

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

ATTACH. 1

ORIGINATOR: K. J. Hellmer DATE _____

ENGINEERING APPROVAL: _____

PETROLEUM: _____

OPERATIONS: _____

OPERATIONS APPROVAL: _____

DIV. DRILLING SUPT. _____

SUBMIT IN DUPLICATE*

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

(See other instructions on reverse side)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.
14-20-H62-2514

6. IF INDIAN, ALLOTTED OR TRIBE NAME
Ute

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Ute

9. WELL NO.
1-3B6

10. FIELD AND POOL, OR WILDCAT
Gr/Riv/Wasatch/No Horn

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
NE/4 NE/4
Section 3-T2S-R6W

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

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
Shell Oil Company

3. ADDRESS OF OPERATOR
P O Box 831 Houston, Texas 77001

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface
1315' FNL & 871 FEL, **NE NE**
At top prod. interval reported below
At total depth

14. PERMIT NO. DATE ISSUED
43-013-30476

15. DATE SPUDED 5-15-79 16. DATE T.D. REACHED 8-28-79 17. DATE COMPL. (Ready to prod.) 10-10-79 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6955' KB 6935 GL 19. ELEV. CASINGHEAD -

20. TOTAL DEPTH, MD & TVD 15,810 21. PLUG, BACK T.D., MD & TVD 15,805 22. IF MULTIPLE COMPL., HOW MANY* - 23. INTERVALS DRILLED BY - 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Wasatch 13,424' - 15,805' 25. WAS DIRECTIONAL SURVEY MADE -

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL/SP/BHC, Sonic/GR/CAL, FDC/CNL/GR/CAL 27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	54#	325'	17-1/2"	500 SX	None
9-5/8"	40#	7050'	12-1/4"	500 SX	None
7"	26#, 29#	11919	8-3/4"	1075 SX	None

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5"	11,839	15,810	None		2-7/8"	6003	Anchor Catcher

31. PERFORATION RECORD (Interval, size and number)
13,424' - 15,805'
See Attachment

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
13,424' - 15,805'	10,000 gals.

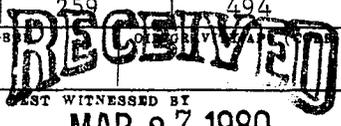
33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
10-13-79	Pumping	Shut-in					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-21-79	24		→	89	44	259	494
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
		→					

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

35. LIST OF ATTACHMENTS
Drilling & Completion History

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.
SIGNED JMB TITLE Division Production ENGR. DATE 3-21-80



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 13: 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.)

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP		TRUE VERT. DEPTH
	MEAS. DEPTH	TOP	
Top Green River M1			10,095 (-3140)
Top Transition			10,230 (-3275)
Top Red Beds			11,700 (-4745)
Base Red Beds			11,780 (-4825)
M5			14,180 (-7225)
North Horn			14,500 (-7545)
			15,440 (-8435)

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 psf @ 15,800 ft.

Well Name UTE 1-3B6

Drilling Fluid: High ph - low lime mud

Field Altamont

County Duchesne

State Utah

Attachment No. 2

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-H62-2514
6. IF INDIAN, ALLOTTED OR TRIBE NAME Ute
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME Ute
9. WELL NO. 1-3B6
10. FIELD AND POOL, OR WILDCAT Gr/Riv/Wasatch/No Horn
11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA NE/4 NE/4 Sec. 3-T2S-R6W
12. COUNTY OR PARISH Duchesne
13. STATE Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>
2. NAME OF OPERATOR Shell Oil Company
3. ADDRESS OF OPERATOR P. O. Box 831 Houston, Texas 77001
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1315' FNL & 871' FEL
14. PERMIT NO.
15. ELEVATIONS (Show whether DF, RT, OR, etc.) 6955' 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 checked="" type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) _____	
(Other) _____		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

See attached worksheet.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE: 8/8/80
BY: [Signature]

18. I hereby certify that the foregoing is true and correct
SIGNED [Signature] FOR J.M. BELSTROM TITLE Division Production Engineer DATE 8/1/80

(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

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.)

<p>1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR Shell Oil Company</p> <p>3. ADDRESS OF OPERATOR P.O. Box 831 HOUSTON, TX 77001 ATTN: C.E. TIXIER Rm. #1916</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. 14-20-H62-2514</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME UTE</p> <p>7. UNIT AGREEMENT NAME UNIT</p> <p>8. FARM OR LEASE NAME UTE</p> <p>9. WELL NO. 1-3B6</p> <p>10. FIELD AND POOL, OR WILDCAT GR/RIV/WASATCH/No. Horn</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 3 NE/4 NE/4 T2S R6W</p>
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6955' KB</p>	<p>12. COUNTY OR PARISH DUCHESNE</p> <p>18. STATE UTAH</p>

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input checked="" type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <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.)*

SEE ATTACHED


 JAN 20 1981
 DIVISION OF
 OIL, GAS & MINING

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

SIGNED *C. Tixier* TITLE DIVISION PROD. ENGINEER DATE 1-26-81

(This space for Federal or State office use)

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

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 342
ISSUED 12/29/80

WELL: UTE 1-386
 LABEL: FIRST REPORT
 AFE: 595546
 FOREMAN: K. J. DESHOTEL
 RIG: W0WS #17
 OBJECTIVE: PLUG AND ABANDON WELL.
 AUTH. AMNT: 70000
 DAILY COST: EST 3350
 CUM COST: EST 8000
 DATE: 10-2 AND 10-2 AND 10-3-80
 ACTIVITY: 10-1-80 STATUS: MOVE RIG AND EQUIP. TO LOCATION.
 02 10-1-80 ACTIVITY: FIRST REPORT ON THIS LOCATION
 03 AFE # 595546 PROVIDES FUNDS TO PLUG AND ABANDON
 04 WELL RETIRE TBG. AND WELLHEAD EQUIPMENT. TD-
 05 15810 FT. PBID- 15805 FT. MOVE TO LOCATION WITH
 06 EQUIP. AND RIG UP. SHUT IN WELLHEAD PSI 500#.
 07 REMOVE WELLHEAD EQUIP. AND INSTALL BOPS. S.D.O.N.
 08 10-2-80 STATUS: PULL TBG. AND ANCHOR RIH FOR CEMENT
 09 10-2-80 ACTIVITY: S.I. WELLHEAD PSI 500# OPEN
 10 WELL TO PIT WELL STARTED FLOWING OIL AND WTR.
 11 FLOWED FOR APPX. 1 HR. 100# TBG. PSI. CIRCULATE
 12 HOLE WITH PROD. WTR. TO KILL WELL. RECOVERED
 13 APPX. 70 BBLs. OIL. RELEASED TBG. ANCHOR AND
 14 P.O.O.H. PICKED UP 3000 FT. OF TBG. AND RIH TO
 15 13000 FT. S.D.O.N.
 16 10-3-80 STATUS: FINISH RUNNING TBG. AND PUMP
 17 CEMENT.

LABEL: -----
 DAILY COST: EST 4650
 CUM COST: EST 12650
 DATE: 10-3 AND 10-4-80
 ACTIVITY: 10-3-80 STATUS: FINISH RUNNING TBG. AND PUMP
 02 CEMENT.
 03 10-3-80 ACTIVITY: RIH WITH 2 7/8 IN. TBG. AND
 04 TAG AT 15850 FT. PULL UP TO 15835 FT. HOOK UP RIG
 05 PUMP AND PUMP DOWN TBG. PUMP 150 BBLs. NOT PROD.
 06 WTR. WELL CIRCULATING TBG. CLEAR. MIRU
 07 HALLIBURTON AND PUMP 290 SACKS OF CLASS H
 08 CEMENT. PULL UP OUT OF CEMENT TO 10890 FT. AND
 09 REVERSE CEMENT OUT OF TBG. S.D.O.N.

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 342
ISSUED 12/29/80

10 10-4-80 STATUS: RIH AND TAG CEMENT IF PLUG
11 O.K. CONTINUE WITH PROGNOSIS.

LABEL: -----
DAILY COST: EST 10350
CUM COST: EST 23000
DATE: 10-4 AND 10-5 AND 10-6-80
ACTIVITY: 10-4-80 STATUS: RIH AND TAG CEMENT IF PLUG O.K.
02 CONTINUE WITH PROGNOSIS.
03 10-4-80 ACTIVITY: RIH WITH TBG. AND TAG CEMENT
04 TOP AT 15000 FT. PULL UP TO 14900 FT. HOOK UP
05 RIG PUMP AND PUMP 150 BBLs. HOT PROD. WTR. DOWN
06 TBG. WELL CIRCULATING TBG. CLEAR. MIRU HALLIBURTON
07 AND PUMP 287 SACKS OF CLASS H CEMENT. PULL
08 UP OUT OF CEMENT TO 10800 FT. AND
09 REVERSE CEMENT OUT OF TBG. S.D.R.O.
10 10-5-80 STATUS: SHUTDOWN.
11 10-6-80 STATUS: RIH AND TAG CEMENT IF PLUG O.K.
12 CONTINUE WITH PROGNOSIS.

LABEL: -----
DAILY COST: 4350
CUM COST: 33700
DATE: 10-6 AND 10-7 AND 10-8-80
ACTIVITY: 10-6-80 STATUS RIH AND TAG CEMENT IF PLUG OK
02 CONTINUE WITH PROGNOSIS.
03 10-6-80 ACTIVITY RIH WITH TBG AND TAG CEMENT TOP
04 AT 12195 FEET PULL UP TO 12185 FEET HOOKUP RIG
05 PUMP AND PUMP 100 BBLs HOT PRODUCED WATER DOWN
06 TBG WELL CIRCULATING. TBG CLEAN. MIRU
07 HALLIBURTON AND PUMP 35 SACKS OF CLASS H CEMENT
08 PULL UP OUT OF CEMENT AND REVERSE CEMENT OUT OF
09 TBG CEMENT TOP AT 11780 FEET. WELL HAS SOLID
10 CEMENT PLUG FROM TD 15810 TO 11780 FEET. POOH
11 AND LAY DOWN 8560 FEET OF TBG. SDON.
12 10-7-80 STATUS RUN FREE POINT AND CUT 7 FEET
13 CSG.
14 10-7-80 ACTIVITY RIG BACK TO 8 LINES AND
15 PREPARE TO PULL CSG. RIG UP CASING JACKS AND
16 PULL 500000 CASING NOT MOVING UNABLE TO RUN
17 FREE POINT. CALL OUT MC CULLOUGH WITH CBL TOOL
18 AND CHEMICAL CUTTER FOR 7 INCH CSG. PREPARE

ALAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 342
ISSUED 12/29/80

19 TO RUN CBL LOG IN AM AND CUT CSG.
20 10-8-80 STATUS RUN CBL LOG AND CUT 7 INCH CSG.

LABEL: -----
DAILY COST: EST 11550
CUM COST: EST 52200
DATE: 10-8 AND 10-9 AND 10-10-80
ACTIVITY: 10-8-80 STATUS: RUN CBL LOG AND CUT 7 IN. CSG.
02 10-8-80 ACTIVITY: MIRU MCCULLOUGH AND RUN CBL
03 LOG CEMENT TOP AT 7800 FT. POOH. MAKE UP JET
04 CUTTER AND RIH TO 6915 FT. AND CUT 7 IN. CSG.
05 POOH RIG DOWN MCCULLOUGH MAKE UP SPEAR FOR 7 IN.
06 CSG. 1 6 3/4 IN. DRILL COLLAR SET SPEAR AND PULL
07 290000 WITH RIG CSG STUCK. RIG UP CSG JACKS AND
08 PULL 480000-CSG CAME FREE. REMOVE CSG
09 JACKS MIRU PARRISH OIL TOOLS PULL AND LAY DOWN
10 90 JTS. OF 7 IN. CSG. S.D.O.N.
11 10-9-80 STATUS: FINISH PULLING 7 IN. CSG AND CEMENT
12 10-9-80 ACTIVITY: FINISH PULLING AND LAYING DOWN
13 7 IN. CSG RIH WITH TBG TO 6966 FT. TOP OF 7 IN.
14 CSG AT 6915 FT. MIRU HALLIBURTON AND PUMP 45
15 SACKS OF CLASS H CEMENT ACROSS TOP OF 7 IN. AND
16 9 5/8 IN. CSG. PULL OUT OF CEMENT AND REVERSE
17 CEMENT OUT OF TBG. PULL AND LAY DOWN 4300 FT.
18 OF 2 7/8 IN. TBG. POOH WITH 3000 FT. OF TBG.
19 S.D.O.N.
20 10-10-80 STATUS: PERFORATE AND SET 9 5/8 IN. CICR

LABEL: NONE
DAILY COST: EST 10550
CUM COST: EST 62700
DATE: 10-10 AND 10-11-80
ACTIVITY: 10-10-80 STATUS: PERFORATE AND SET 9 5/8 IN. CICR
02 10-10-80 ACTIVITY: RIG UP MCCULLOUGH AND RIH
03 WITH 4 IN. O.D. CASING GUN AND SHOT 4 HOLES AT
04 3000 FT. POOH RIG UP AND RUN 9 5/8 IN. CICR AND SET
05 AT 2950 FT. POOH RIH WITH TBG AND STING INTO RETAINER
06 AT 2950 FT. MIRU HALLIBURTON AND PUMP 87 SACKS
07 OF CLASS H CEMENT IN 9 5/8 IN. AND 12 1/4 IN.
08 ANNULUS. PULL OUT OF 9 5/8 IN. CICR AND SPOT
09 10 SACKS OF CEMENT. PULLED AND LAYED DOWN 2700 FT.
10 OF TBG RIG UP HALLIBURTON AND PUMP 27 SACKS OF

ALTAMONT OPERATIONS
DAILY COMPLETIONS AND REMEDIALS REPORT
WELL HISTORY FOR WELL 342
ISSUED 12/29/80

11 CLASS H CEMENT AT SHOE OF 13 3/8 IN. CSG. 325.
12 FINISH PULLING AND LAYING DOWN CSG. S.D.O.N.
13 10-11-80 STATUS: COMPLETE PROGNOSIS AND RIG DOWN.

LABEL: FINAL REPORT
DAILY COST: 6000
CUM COST: 68700
DATE: 10-11 AND 10-12 AND 10-13-80
ACTIVITY: 10-11-80 ACTIVITY CEMENT 9 5/8 INCH - 13 3/8
02 INCH ANNULUS WITH 23 SACKS OF CLASS H CEMENT CUT
03 9 5/8 INCH AND 13 3/8 INCH CASING 5 FEET BELOW
04 SURFACE SPOT 10 SACKS CLASS H CEMENT IN TOP OF
05 9 5/8 INCH AND 13 3/8 INCH ANNULUS. WELD 1/4 INCH
06 STEEL COVER PLATE ACROSS 13 3/8 INCH CSG SET
07 ABANDONED WELL MARKER 4 FEET ABOVE GROUND LEVEL
08 RIG DOWN DOWN AND PREPARE TO MOVE. FINAL REPORT ON
09 THIS LOCATION.
10 10-12-80 STATUS SHUTDOWN
11 10-13-80 STATUS MOVE TO 1-484

PLUG AND ABANDONMENT WORKSHEET
UTE 1-3B6
SECTION 3, T2S, R6W
ALTAMONT FIELD, UTAH

Pertinent Data:

Shell's Share: 70%

Elevation (KB): 6955'

Elevation (GL): 6935'

TD: 15,810'

PBTD: 15,805'

Casing: 13-3/8", 54#, K-55 to 325'; 9-5/8", 40#, N-80 to 7050'; 7", 26# and 29#, S-95 to 11,919'

Liner: 5", 18#, N-80' top at 11,839', bottom at 15,810'

Tubing: 2-7/8", EUE, 6.5#, N-80 to 9999'

Tubing anchor: Baker 7" tubing anchor

Perforations: Preperforated liner with one 3/8" hole every 5' from 13,424'-15,805'

Objective: Permanently plug and abandon the well.

Procedure:

1. MIRU. Install and test BOPE as per field specs.
2. POOH with production equipment.
3. Fill well with clay base mud. Pressure test annulus to 2000 psi.
4. RIH with tubing and spot 287 sacks (25% excess) Class "H" cement (cement top should be at 12,925'; minimum depth of top to be 13,375').
5. Spot 100 lineal feet plug (estimated 19 sacks, 25% excess of Class "H" cement) centered across 5" liner lap at 11,919'.
6. Run freepoint in 7" casing (estimated TOC is 6275'). Cut and recover 7" casing at freepoint.

Note: 7" casing must not be cut below 9-5/8" shoe at 7050'.

7. Spot 100 lineal feet plug (estimated 38 sacks, 25% excess of Class "H" cement); 50' above and below top of 7" casing.
8. Set 100 lineal feet plug (estimated 50 sacks, 25% excess of Class "H" cement) from 2950'-3050' (fresh water-salt water interface).
9. Run tubing and set 50 lineal feet cement plug (estimated 27 sacks of Class "H" cement, 25% excess) in 9-5/8" casing. Base of plug must be at 325' (13-3/8" shoe depth).
10. RIH with 1" macaroni tubing and cement 9-5/8" - 13-3/8" annulus with a 50 lineal feet plug (estimated 23 sacks, 25% excess of Class "H" cement). Base of plug must be at 325' (13-3/8" shoe depth).

11. Cut 9-5/8" and 13-3/8" casings at $\pm 5'$ below surface. Spot 10 sacks Class "H" cement in top of 9-5/8" casing and 10 sacks of Class "H" in 9-5/8" - 13-3/8" annulus.
12. Lay down tubing and move out rig.
13. Weld 1/4" steel cover plate across 13-3/8". Restore surface locations. Set abandoned well marker. Marker should be minimum 4" in diameter and not less than 10' in length, of which 4' shall be above the ground level, the remainder being securely embedded in cement. The top of the pipe must be permanently sealed.

NOTE: Cementing operations to be witnessed by state agency representative.

G. L. Thompson

Date

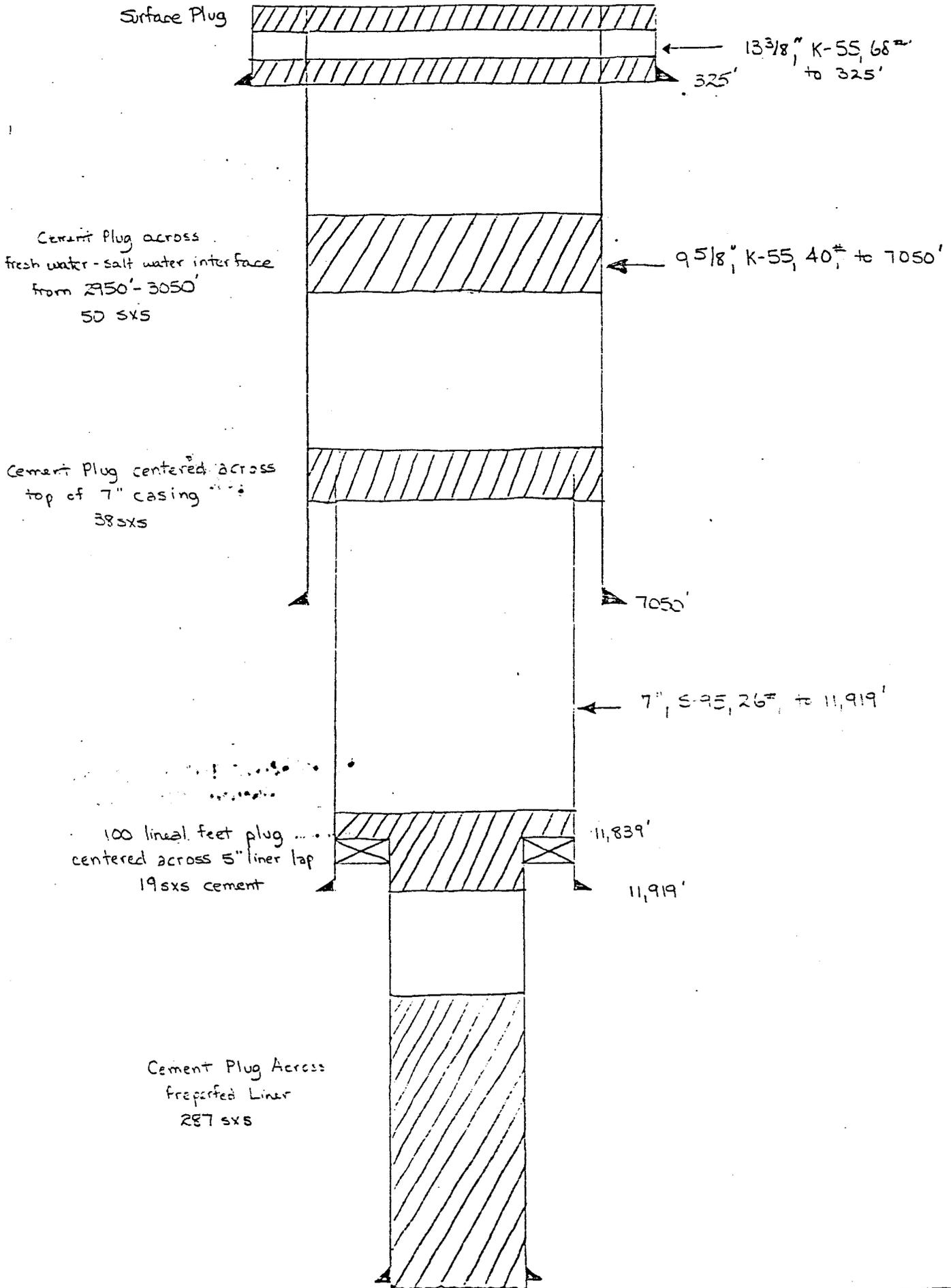
MEB:JL

MEB

7-31-80

PKD
For
J.M. Thompson
8/1/80

UTE 1-3B6



Shell Oil Company



P.O. Box 831
Houston, Texas 77001

December 30, 1983

Mr. Norm Stout
State of Utah
Natural Resources
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Dear Mr. Stout:

TRANSFER OF OWNERSHIP AND ASSETS
FROM SHELL OIL COMPANY TO
SHELL WESTERN E&P INC.
STATE OF UTAH

In accordance with our recent conversation, the purpose of this letter is to reduce to writing that Shell Western E&P Inc. ("SWEPI"), a subsidiary of Shell Oil Company, has been formed. Shell Western E&P Inc. is a Delaware corporation with its offices located at 200 North Dairy Ashford Road in Houston, Texas. The mailing address is P. O. Box 831, Houston, TX 77001.

Effective January 1, 1984, Shell Oil Company will transfer portions of its oil and gas operations to Shell Western E&P Inc. and Shell Western E&P Inc. will assume all of the rights, interests, obligations and duties which Shell Oil Company currently has as a result of its exploration, development and production operations in the State of Utah.

As you are aware, Shell Oil Company is currently the holder of various permits and agency authorizations. In view of the fact that Shell Western E&P Inc. will assume all of the liabilities and obligations of Shell Oil Company's exploration and production activities within the state, we respectfully request that you transfer all permits or other authorizations from Shell Oil Company to Shell Western E&P Inc., effective January 1, 1984.

To support this request, a copy of the power of attorney appointing the undersigned as Attorney-in-Fact for Shell Western E&P Inc. is enclosed. On behalf of Shell Western E&P Inc., enclosed are recently issued Bond No. Shell 1835 and Bond No. Shell 1841. The bonds were issued by the Insurance Company of North America. In the near future, I shall request that the existing Shell Oil Company bonds be released.

It is my understanding, pursuant to our prior discussion, that this letter will comply with your requirement regarding the change in the name of the permittee.

Sufficient copies of this letter are being provided to your office so that a copy can be placed in each appropriate file. A listing of active wells is enclosed. Thank you in advance for your cooperation in this matter.

Yours very truly,

G. M. Jobe

G. M. Jobe
Administrator, Regulatory-Permits
Rocky Mountain Division
Western E&P Operations

GMJ:beb

Enclosures