

Entered in MID File ✓ .....  
Location Map Pinned .....  
Card Indexed ✓ .....

Checked by Chief .....  
Approval Letter .....  
Disapproval Letter .....

**COMPLETION DATA:**

Well Completed .....  
..... TA.....  
..... OS..... PA.....

Location Inspected .....  
Bond released .....  
State or Fee Land .....

**LOGS FILED**

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

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  
 UTEX OIL COMPANY (KENNETH CHATTIN)

3. ADDRESS OF OPERATOR  
 4700 South 9th East, Salt Lake City, Utah 84117

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At surface  
 2310' FWL 518' NSL  
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
 3.5 road miles northwest of Duchesne, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
 518'

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL  
 640

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

19. PROPOSED DEPTH  
 9,500' *wasak*

20. ROTARY OR CABLE TOOLS  
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
 5845' Gr.

22. APPROX. DATE WORK WILL START\*  
 June 10, 1979

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4"	10 3/4"	40.5#	1000'	As necessary
9 7/8"	7 5/8"	29.7#	8100'	As necessary
6 3/4"	5"	17.0#	9500'	As necessary



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] TITLE Geologist DATE 5/9/79

(This space for Federal or State office use)

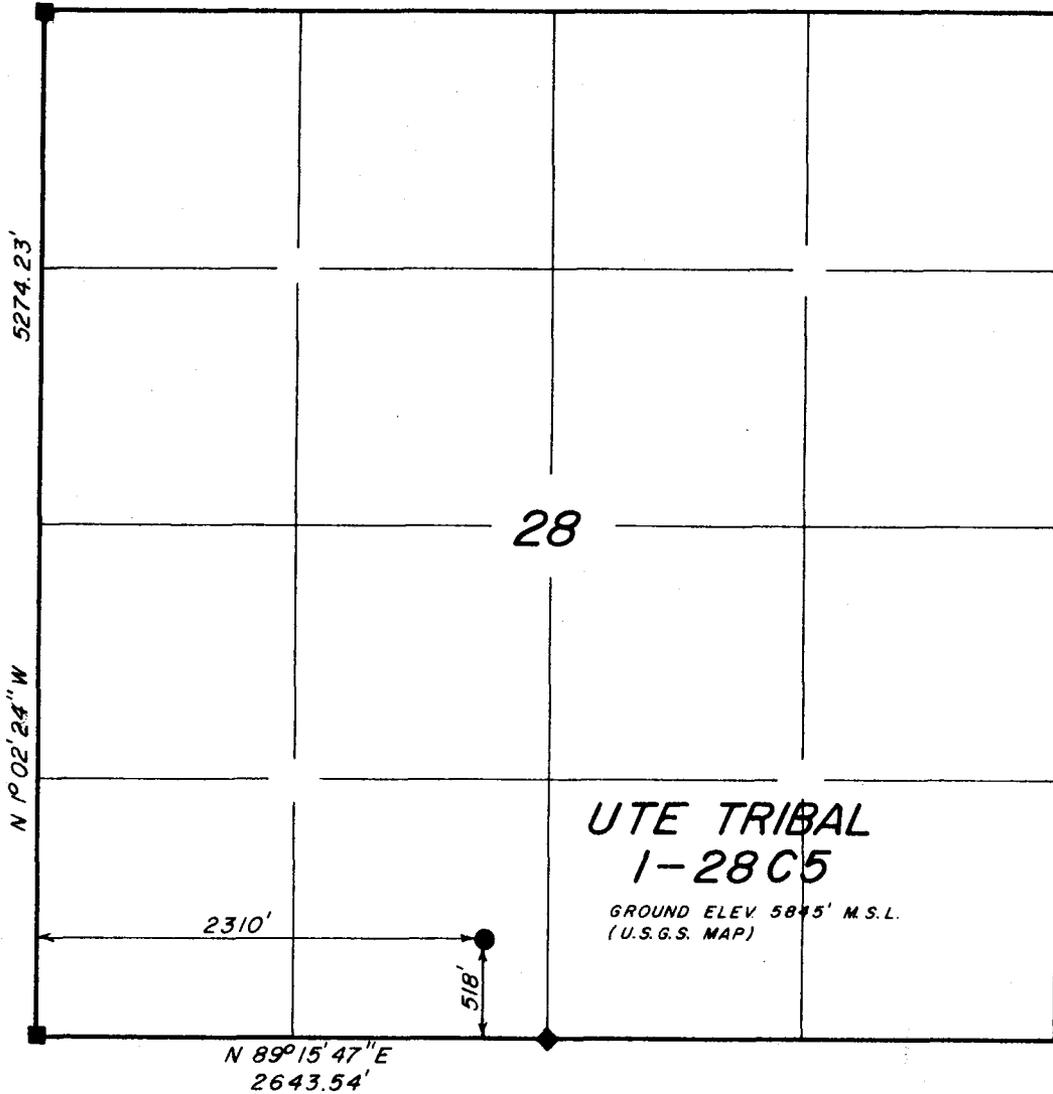
PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

# UTEX OIL COMPANY (KENNETH CHATTIN) WELL LOCATION UTE TRIBAL 1-28C5

LOCATED IN THE SE $\frac{1}{4}$  OF THE SW $\frac{1}{4}$  OF  
SEC, 28, T3S, R5W, OF THE U.S.B.&M.



SCALE: 1" = 1000'

### LEGEND & NOTES

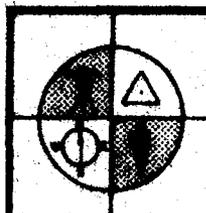
- ◆ Original stone corners found.
- Position of corners obtained from U.S. Bureau of Reclamation data.

Basis of bearings is Utah State Plane Coordinate bearings.

### SURVEYOR'S CERTIFICATE

I hereby certify that this plat was prepared from field notes of an actual survey performed by me, during which the shown monuments were found or established.

*Jerry D. Allred*  
 \_\_\_\_\_  
 Jerry D. Allred, Registered Land Surveyor, Cert. No. 3817 (Utah)



**ALLRED - PEATROSS ASSOCIATES**  
 Surveying & Engineering Consultants  
 P. O. Drawer C  
 DUCHESNE, UTAH 84021  
 (801) 738-5352

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

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

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. 14-20-462-2391

OPERATOR: Ltex Oil Company

WELL NO. 1-28C5

LOCATION: ½ SW ½ SE ½ sec. 28, T. 3 S., R. 5 W., 45 N.

Duchesne County, Utah

1. Stratigraphy: Operator's stratigraphy probably alright.  
Interfingering of Green River with overlying Uinta & underlying Wasatch causes considerable variation in reported stratigraphic tops. An adjacent well, 33-1, reports the following tops: Green River = 700' ; Wasatch = 8288'
2. Fresh Water: Uinta → Fresh → moderately saline water reported from nearby wells. Green River & Wasatch → saline → brine water
3. Leasable Minerals: Lies within oil shale land. According to Cashion's map (1969), the Mahogany oil shale zone of the Green River fm should occur at a depth of approximately 2800'
4. Additional Logs Needed: Run logs thru oil shale zone
5. Potential Geologic Hazards: Blow out occurred at 8471' in MFS-Cedar Rim # 2 sec. 20 T. 3 S., R. 6 W. Operator anticipates no other hazards.
6. References and Remarks:  
Tech. Pub. # 15 Utah State Engineer

Signature: \_\_\_\_\_

Date: 5-15-70

Oil and Gas Drilling

EA No. 337-79

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

Unusual Environmental Analysis No. 337-79

Application for Permit to Drill  
Utex Oil Company, Operator

Well No. 1-28C5

Ute Tribal Lease No. 14-20-H62-2395

Section 28, T. 3S., R. 5W.

Duchesne County, Utah

Prepared by: Craig M. Hansen, Environmental Scientist, Vernal Utah  
George Diwachak, Environmental Scientist, Salt Lake City, Utah

Related Environmental Analyses:

(1) Unusual Environmental Analysis No. 081-79

Date: June 29, 1979

### Introduction:

The following participated in a joint inspection of the proposed well-site and access on May 21, 1979.

<u>Name</u>	<u>Representing</u>
Craig M. Hansen	U.S. Geological Survey, Vernal, Utah
James M. Rhett	U.S. Geological Survey, Vernal, Utah
Greg Darlington	U.S. Geological Survey, Vernal, Utah
Bob Chatten	Utex Oil Company
Dale Hanberg	Bureau of Indian Affairs, Ft. Duchesne, Utah
Jack Skews	Skews Hamilton Construction
Terry Larsen	State Parks-Starvation Reservoir

A meeting was held in Salt Lake City on June 28, 1979 that included representatives from USGS, Utex Oil Company, State of Utah Division of Parks and Recreation and the Bureau of Indian Affairs to resolve issues developed by the proposal. A copy of the minutes is included in Appendix 1.

### Related EA and Reference:

The following analysis incorporates Unusual EA No. 081-79, W.A. Moncrief, Well No. 12-1, NW/4 NE/4 Section 12, T. 4S., R. 6W., located approximately 3.5 miles southwest of the proposed test, as a reference. It is included in Appendix 7.

### Proposed Action:

On May 10, 1979, Utex Oil Company filed an Application for Permit to Drill the No. 1-28C5 well, a 9,500 foot oil test of the Wasatch Formation; located at an elevation of 5,845 feet in the SE $\frac{1}{4}$  SW $\frac{1}{4}$  Section 28, T. 3S., R. 5W. on Tribal mineral lands and private surface; lease No. 14-20-H62-2395 (expiration date: September 5, 1979). There was no objection raised to the wellsite nor to the access road.

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

A working agreement has been reached with R. Earl Dillman, the controlling surface owner and Jensen and Wilkinson, Incorporated, owners of access right of way.

Rehabilitation plans would be decided on as the well nears completion. The Bureau of Indian Affairs may be consulted for technical expertise on those arrangements.

The operator proposes to construct a drilling pad 200 feet by 350 feet (1.6 acres) and a reserve pit 125 feet by 175 feet (0.5 acres) and 8 feet deep. At least half of the 8 foot depth should be below the existing ground surface. A new access road would be constructed 24 feet wide by 0.5 mile long, from old U.S. 40. Disturbed surface of the road construction would be a maximum of 30 feet wide and cummlate about 1.8 acres (see APD, Appendix 8).

The operator proposes to construct production facilities on disturbed area of the proposed drill pad. The anticipated starting date is upon approval and duration of drilling activities would be about 45 days.

#### Location and Access:

The proposed test site is located approximately 3.5 miles northwest of Duchesne, Utah, the nearest town. Starvation Lake State Recreational Area is approximately 0.2 mile northeast of the site. A registered Land Survey Plat (in operator's APD, Appendix 8) shows the precise land location of the proposed hole. Figure 1, Appendix 7 shows the regional setting of the area. Local settings and access to the location are shown on Figure 2, Appendix 7, and in the APD, Appendix 8.

#### Existing Environment:

Complete descriptions of the environment of the Starvation Reservoir region can be found in Unusual EA No. 081-79, included in Appendix 7. The following descriptions are site specific, pertaining to the proposed action.

#### Topography:

The proposed location is in an area located along the north flank of the Book Cliffs mountains forming the west part of the West Tavaputs Plateau. The region is interlaced by steep canyons and ridges of weathered sandstone and shale outcrops.

The proposed drillpad is situated on a relatively flat sandstone bench of the Uinta Formation and slopes eastward at 4° to the Strawberry River.

## Geology:

The surface geology is the Uinta Formation. The exposures of Uinta rocks are chiefly made up of complex interstratified lenticular units of quartz wacke sandstone and bentonitic shales. The sandstone is mostly light gray weathering buff to slightly reddish brown, fine-to-medium grained, moderately consolidated, locally calcareous. The shale is variegated shades of grayish red, grayish green, and medium-dark gray, silty to sandy, bentonitic, and locally calcareous. When not eroded, the maximum thickness of the Uinta Formation is about 4,000 feet. These surface rocks dip from 2-4° north to northeast, in conformity with the regional structure of the Uinta Basin. All the proposed surface activity will be in these rocks or soils derived thereof.

The estimated oil and gas bearing units are the Green River and Wasatch Formations. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan.

No geologic hazards are known near the drillsite. Seismic risk for the area is minor, and the hazards for flash flooding are eliminated by topographic setting.

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

A geologic review of the proposed action has been furnished by the Area Geologist, U.S. Geological Survey, Salt Lake City, Utah, and is included in Appendix 1. The operator's drilling, cementing, casing, and blowout prevention programs have been reviewed by the Geological Survey engineers and determined to be adequate.

## Soils:

No detailed soil survey has been made of the project area. The top soils in the area range from a sandy clay to a clay type soil with shale and sandstone outcrops. The soil is subject to runoff from rainfall and has medium runoff potential and sediment production would be moderately high. The soils are mildly to moderately alkaline and support the salt-desert shrub community. The pinon-juniper association is also present. Top soil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed areas when abandoned to

aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator would rehabilitate the location and access road per the recommendations of the private surface owners (see Appendix 4).

#### Climate:

No specific data on air quality is available at the proposed location. Toxic or noxious gases would not be anticipated. Winds are medium and gusty, occurring predominately from west to east. Air mass inversions are seasonal. The climate is semi-arid with abundant sunshine, hot summers, and cold winters with temperature variations on a daily and seasonal basis.

Annual rain fall should range from about 5 to 12 inches 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 rainstorms. This type of storm is rather uncommon as the normal annual precipitation is around 9 inches.

#### Hydrology:

The location drains gently southeast through a non-perennial drainage to the Strawberry River below the reservoir dam. The Strawberry River flows to the Duchesne River, a tributary of the Green River. No drainage would be expected toward the reservoir. A pollution control program is included with the APD, Appendix 8.

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. If fresh water should be available from the well, the surface owner may request completion as a water well.

Due to the proximity to Starvation Reservoir and the Strawberry River, the reserve pits should be lined to insure retention of all fluids.

#### Flora and Fauna:

Pinon and juniper trees, cacti, and small amounts of native grasses exist upon the location. Plants in the area are of the salt-desert

shrub types grading to the pinon-juniper association.

Proposed action would remove about 3.9 acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

The operator proposes to rehabilitate the surface upon completion of operations as required by Jensen & Wilkinson, Incorporated, and R. Earl Dillman, private land owners.

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

No threatened or endangered species are known to inhabit the project area. No change in the species list prepared for EA No. 081-79 (See Appendices 3 and 7) would be expected (Ron Jones, U.S. Fish and Wildlife Service, pers. comm.).

#### Socio-Economics:

The proposed drillsite is approximately 0.2 miles southeast of Starvation State Park Campground, an important recreation area of the region. Most of the camping consists of out of state travelers, with heavy weekend use.

The reservoir is used for swimming, fishing, boating, camping, and general scenic value. In 1978 visitation for the period May 15 to September 15 was well over 104,000 (see letter from State of Utah Division of Parks and Recreation, Appendix 5).

Other than the reservoir, there are no formally designated recreational facilities, nor national, state, or local parks, forests, wildlife refuges or ranges, grasslands, monuments, or trails near the proposed location.

An on the ground surface archaeological reconnaissance of the proposed test site and access road is scheduled and will be performed by Dr. Richard Hauk, a registered archaeologist, of Archaeological Environmental Research Corporation of Salt Lake City. (See Memorandum, Appendix 4)

#### Environmental Effects:

Construction of the well pad and access road would denude 3.9 acres of land. Vegetation would be removed and a minor relocation of wild-

life in the immediate area would be anticipated. Vegetation removal and construction activities would also increase the erosional potential. If erosion became serious, additional drainage controls such as water bars and dikes would be installed to minimize the problem.

Ground water and surface water quality could be degraded by the proposal. 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 additional erosion expected and the potential for leaks and spills should have minor impacts on the surface water systems.

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.

Even with adequate blowout prevention equipment, contingency plans and experienced crews, a blowout could happen. A blowout of gas might burn, which would be visible from the reservoir road and park, but such a burn would be of short duration. If a blowout of oil were to occur, the oil could easily be cleaned up before reaching any drainages.

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 blowout or to cause formations 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.

Distractions from aesthetics would occur over the lifetime of the project and is judged to be moderate. The drill site is visible from old U.S. 40 and Starvation Reservoir. Local topography and vegetation would

limit the view of the pad from park users. The drilling rig would, however, be visible to park users, although temporary. If the well is producible, completion, workover, and production equipment would also be visible. Flaring of produced gas is proposed and would also create a visual impact upon users of the Starvation State Beach campground. Upon abandonment, visual impacts would be reduced to surface scars until rehabilitation is achieved.

Noise from drilling operations would disturb wildlife and people of the area. Noise levels would be somewhat excessive during drilling and completion operations and could create a major impact on park users. Upon completion, a pumping unit could be installed, and noise levels would be infrequent and significantly less. If the well were abandoned, noise levels would return to pre-drilling levels.

The economic impact of a single well is generally negligible, but should this well discover a significant new hydrocarbon source, local, state, and possibly national economics might be improved. In this case, other development wells could be anticipated with greater economic and environmental impacts.

The State of Utah, Division of Parks and Recreation has objected to the drilling of the well during the peak visitation period at Starvation Lake State Beach. Noise caused by drilling operations would probably cause a loss of visitation, and in effect, a loss of money derived from camping fees. (See letter from Starvation Lake State Beach Superintendent, Appendix 5) Furthermore, the park's budget for 1980 could drop as it is predicated on visitation fees.

To alleviate loss of revenues, the operator and Division of Parks & Recreation have agreed to negotiate monetary restitution to prevent a budget loss to the park for 1980.

#### Waste Disposal:

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

### Mitigative Measures and Stipulations:

If the proposal is approved, the following mitigative measures and stipulations should be incorporated into the proposed APD and adhered to by the operator.

- (a) A "No Access or Trespassing" sign would be installed at the beginning of the access road.
- (b) The access road should be watered as necessary to reduce dust from rig and support traffic.
- (c) An existing jeep trail that permits access to the Starvation Lake State Beach from the proposed location would be closed with adequate restrictive barriers.
- (d) Water bars and dikes should be installed on the access route if erosion became serious.
- (e) Topsoil would be moved to the northeast corner of drill pad.
- (f) All trees would be cut and piled before construction begins.
- (g) To reduce visual impacts, tank batteries would be moved to the southwest corner of the pad and painted a color to blend with the State park domestic water reservoir nearby.
- (h) Reserve pits should be lined with a heavy plastic to insure pit integrity.
- (i) Trash cages should be used and all trash and refuse will be removed and disposed of in a proper manner upon completion of drilling activities.
- (j) The entire location would be fenced upon completion of drilling operations.
- (k) All fresh water zones would be cased and protected.
- (l) If a historic artifact or archaeological site is discovered during construction, activity would cease until the extent of scientific importance and method of mitigating adverse effects could be determined by a qualified cultural resource specialist.

- (m) Should the well site be abandoned, surface rehabilitation would be done according to private surface owner's and USGS's satisfaction. This would involve leveling, contouring, reseeding of location, and possibly the access road. If the well should produce hydrocarbons, measures would be taken to protect wild life and domestic stock, and people of the area.
- (n) Operator will notify USGS 72 hours before construction begins.
- (o) The operator should negotiate with the State of Utah, Division of Parks and Recreation to compensate for the loss of camping and entrance fee revenues.
- (p) If the well is producible and a pumping unit installed, it should be powered electrically to eliminate noise that would occur from gas powered engines.
- (q) Any venting or flaring of the well that would occur if completed as a producer should incorporate pressure reduction systems (staging or pressure reduction chambers) to minimize noise created by expanding gasses to the atmosphere as they are discharged from equipment vessels.
- (r) Any stipulations of concurrence submitted by the BIA, Area Oil Shale Supervisor, private surface owners and Bureau of Reclamation should be adhered to by the operator.

### Alternatives to the Proposed Action:

1. Not approving the proposed permit--the oil and gas lease grants the Lessee exclusive right to drill for, mine, extract, remove, and dispose of all oil and gas deposits. Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under the U.S. Geological Survey 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. Postpone drilling activities until October to avoid impacts to Starvation State Beach and its users. Selection of this alternative would require a suspension of operations as the lease expires September 5, 1979. However, 25 CFR 171, Leasing of Tribal Lands for Mining (Oil and gas included), does not make provisions for suspensions of operations for oil and gas leases. Therefore, the alternative of postponing operations is rejected.

3. Minor relocation of the wellsite and access road would not significantly reduce the environmental impacts. However, restrictive stipulations or modifications to the proposed program would reduce potential impacts. Other than the temporary effects drilling would create to park users, the impacts of this proposal are mitigative and could be reversed upon restoration and rehabilitation. Furthermore, in considering the energy problem the country is now facing, the economic and social benefits of potential oil recovery would outweigh the environmental impacts posed. Therefore, the alternative of proceeding with the proposed action, including the mitigative measures and stipulations presented, is recommended.

### Adverse Environmental Effects Which Cannot Be Avoided:

Drilling during the peak recreation period would have a moderate effect upon state park users. Surface scars resulting from construction work, wellpad and the access road would be visible in the immediate area for the life of the project and for a significant period of time after abandonment while rehabilitation is completed. 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 and support traffic engines would occur. Minor increases in dust pollution would occur due to vehicular traffic associated with the operation. Noise levels would increase during construction and drilling and would remain somewhat increased if the well was completed and a pumping unit installed. The potential for fluid spills, gas leaks, and pollution to Starvation Reservoir and the Strawberry River exists, however, the hazard is judged to be low. Some erosion would be anticipated with the removal of vegetative cover. The potential for subsurface damage to fresh water aquifers and other geologic formations exists. 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. If hydrocarbons would be discovered and produced, further development of the area would be expected to occur which would result in the extraction of an irreplaceable resource, and further negative environmental impacts. These impacts include the cumulative loss of wildlife habitat due to the areas necessary for roads, pipelines, drill-sites, and transmission lines. These actions may disrupt wildlife social behavior and force habitat relocation over an extended period of time. In addition, the cumulative effects of non-point erosion become substantial in a developing field, primarily those located near perennial streams where siltation and sedimentation are critical to aquatic life cycles.

### Controversial Issues:

The only controversial issue discovered by the writers during the preparation of this analysis is the impact of drilling operations during peak recreation use of Starvation Reservoir. As a result of a meeting, June 29, 1979, the Operator and Utah State Parks and Recreation are negotiating an agreement to mitigate the major objection of State Parks - the potential loss of revenue during drilling and completion operations.

## Finding of No Significant Impact

We have examined the impacts of the proposed action, Utex Oil Company Well No. 1-28C5, in the preceding pages of the environmental assessment. The following summary sheet shows the evaluation of these impacts against each of the parameters listed for "significance" in 40 CFR 1508.27 and the background impact reference for our reasons of determining the no impact or not significant impact category.

The finding of no significant impact concerning cumulative impacts as outlined in 40 CFR 1508.7 (see item 7 of the following chart) is based upon the following reasons:

1. Erosion and subsequent siltation to the Strawberry River and Starvation Reservoir are the primary impacts posed by mineral development in the area. However, considering the low yearly precipitation, and moderate sediment loads existing in area waterways, (D. Price, USGS, Hydrologist, personal communication), the increase in sedimentation as a result of development would be negligible. Furthermore, environmental well location and mitigative measures to reduce erosion, such as waterbars and dikes could be utilized to lessen site specific erosional potential which could reduce impacts in a cumulative sense, providing these measures are incorporated into future drilling plans.
2. Increased regional development would impact wildlife, particularly big game species, in a distributional sense. However, these effects would be somewhat temporary, and rehabilitation could restore habitat to predevelopment levels.
4. In considering the energy problem the country is now facing, the economic and social benefits available from regional development would outweigh the environmental impacts posed. Most of the impacts are temporary, mitigative, and could be reversed upon restoration and rehabilitation.

Finding of No Significant Impact  
 40 CFR 1508.13 and .27

Key  
 NI - No impact  
 NS - No significant impact

<u>CEQ parameter 40 CFR 1508.27(b)</u>	<u>Severity of Impact Level/Degree of Significance</u>	<u>EA Page and Paragraph Reference</u>
1. Beneficial and/or adverse effects.	NS	par. 6, p. 6 par. 1,3,4, p. 7 par. 3, p. 10 par. 1, p. 11 par. 2, p. 12
2. Public health and safety.	NI	
3. Unique characteristics of the geographical area.	NI	
4. Effects highly controversial.	NS	par. 2, p. 11
5. Highly uncertain effects or unique or unknown risks.	NI	
6. Establishes precedent for future actions or is a decision in principle about future action.	NS	par. 2, p. 11 par. 2, p. 12
7. Assessment of cumulative actions and impacts thereof. Note 40 CFR 1508.7	NS	par.2, p. 12

Finding of No Significant Impact  
40 CFR 1508.13 and .27

<u>CEQ Parameter 40 CFR 1508.27(b)</u>	<u>Severity of Impact Level/Degree of Significance</u>	<u>EA Page and Paragraph Reference</u>
8. Effect on districts, sites, highways, structures, or objects listed in or eligible for listing in the National Register of Historic Places or may cause loss or destruction of significant scientific, cultural historical resources.	NI	
9. Effects on endangered or threatened species or their habitat that have been determined to be critical under the Endangered Species Act of 1973.	NS	par. 4, p. 5
10. Threatens a violation of Federal, State, or local law or requirements imposed for the protection of the environment.	NI	
11. Other related NEPA and environmental documents. <u>Unusual EA No. 081-79</u>	included in Appendix 7	cover sheet and p. 16, reference: 1

Determination:

In my opinion, the proposed action does not constitute a major Federal action significantly affecting the quality of the human environment in the sense of NEPA, Section 102(2)(C), and the environmental impacts of the proposed action are not likely to be highly controversial.

(ORIG. SGD.) E. W. GYNN

\_\_\_\_\_  
District Engineer

7/2/79  
\_\_\_\_\_  
Date

I concur

\_\_\_\_\_  
Area Supervisor

\_\_\_\_\_  
Date

I determine that preparation of an Environmental Impact Statement is not required.

\_\_\_\_\_  
Conservation Manager

\_\_\_\_\_  
Date

Selected References:

Diwachak, George J., and Evans, John T., 1979 Unusual Environmental Analysis No. 081-79, W. W. Moncrief, Operator, Well No. 12-1: U.S. Geological Survey, Unpublished, 20 p.

Wilson Le Moyne, et. al., 1975, Soils of Utah: Utah State University, Agricultural Experiment Station Bull. 492, 94 p.

## Appendices

Appendix 1 - Geological Survey Reports

Appendix 2 - Surface Management Agency Concurrence and Correspondence

Appendix 3 - Endangered and Threatened Species Clearance

Appendix 4 - Cultural Resource Clearance

Appendix 5 - Relevent Correspondence, Private Surface Rehabilitation Requirements, Conservation Division Responses

Appendix 6 - Mitigative Measures and Stipulations

Appendix 7 - Maps, Photographs and Unusual EA No. 081-79

Appendix 8 - Copy of Proposed Plan



*District Oil & Gas Engineer, SLC - ED Quinn*

United States Department of the Interior

GEOLOGICAL SURVEY  
BOX 25046 M.S. 609  
DENVER FEDERAL CENTER  
DENVER, COLORADO 80225

July 10, 1979

Memorandum

To: District Oil and Gas Engineer, Salt Lake City, Utah

Through: Area Oil and Gas Supervisor, NRMA

From: Acting Conservation Manager, Central Region

Subject: Unusual Oil and Gas EA and APD, Utex Oil Company,  
Well No. 1-28C5; Sec. 28, T. 3 S., R. 5 W.,  
Duchesne County, Utah; Ute Tribal Lease No. 14-20-H62-2395

The Central Region office has reviewed the enclosed subject unusual EA and APD. We concur in the opinion of the District Engineer (SLC) and the Oil and Gas Supervisor, NRMA, and determine that this requested action does not constitute a major Federal action significantly affecting the quality of the human environment in the sense of NEPA, Section 102(2)(C). Preparation of an environmental impact statement is not required.

You are authorized to take whatever steps are appropriate to approve this requested action provided the following stipulations are added as conditions of approval:

1. The lessee must install a gate and lock across the drill site access road at the bottom of the cliff so as to prevent unauthorized access to the park by the general public.
2. The lessee will flare gas at as near as possible atmospheric pressure so as to reduce any noise from the flare.
3. Subject Unusual EA, Page 9, Stipulation (o) must be revised as follows: [The operator will complete an agreement with the State of Utah, Division of Parks and Recreation, to compensate for loss of camping and entrance fee revenues caused by the noise level of drilling operations. The operator will reimburse the State of Utah, Division of Parks and Recreation for "demonstrable" loss of revenue.]



The letter of agreement dated July 6, 1979, from Utex Oil Company, to Terry Larsen, Park Superintendent, Starvation Lake State Beach, Duchesne, Utah, that was agreed to by the Park Superintendent on July 7, 1979, is a part of this EA and APD. The objections of the State of Utah Division of Parks and Recreation are considered to be satisfied and withdrawn.

*James W. Sutherland*

Acting Conservation Manager

Enclosure

1. Surface Formation: Tertiary Uinta Formation
2. Estimated tops of geologic markers:
  - 0-3000 Uinta Formation
  - 3000 Green River Formation
  - 7800 Wasatch Formation
3. Estimated depths to water, oil and gas or mineral bearing formations:
  - 0-3000 Uinta-Water Bearing
  - 3000-7800 Green River, Oil & Gas
  - 7800-T.D. Wasatch, Oil & Gas
4. Proposed casing program:
 

Size	Weight lb/ft.	Grade
10 3/4"	40.5#	J-55
7 5/8"	29.7#	N-80
5 1/2"	17.0#	N-80
5. Pressure Control Equipment: See diagram
 

Blowout preventer: A 10" Series 1500, 5,000 psi hydraulically operated double ram type preventer with pipe and blind rams. Also a Hydril type preventer will be used.

Testing Procedure: Before drilling out casing, blowout preventers, casing head and casing will be pressure tested to 3,000 psi, and will be checked for proper operation each day.
6. Type and Characteristics of Proposed Circulating Medium:
  - 0-6000 drill with brine water
  - 6000-TD fresh gel mud

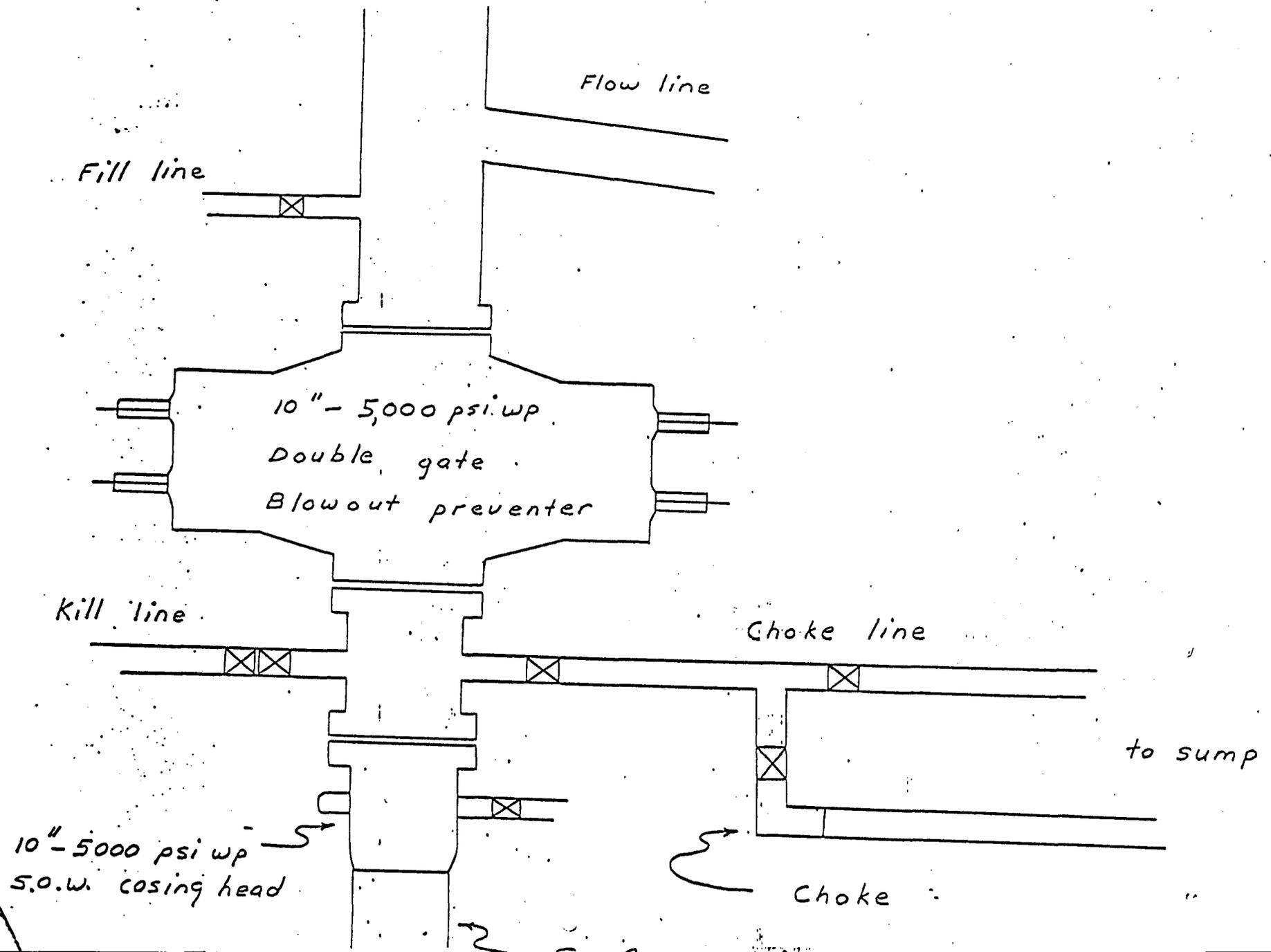
Approximately 400 bbls. of circulating fluid and adequate weighting material will be maintained at the surface.
7. Auxillary Equipment:
 

A Kelly cock will be used, float on bit optional with contractor, a mud logging unit is planned from 3,500 feet to total depth, and a full opening valve will be maintained on the rig floor.
8. Testing and Coring:
 

No DST's or cores are planned. Electric logs to include:  
DIL w/SP, Gamma Ray & Compensated Neutron and Fracture Identification log.
9. Anticipated Hazards:
 

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide is present in this area.
10. Anticipated Starting Date:
 

June 10, 1979, with duration of operations approximately 45 days.



UTEX OIL COMPANY (Kenneth Chattin)

13 Point Surface Use Plan

For

Well Location

No. 1-28C5

Located In

Section 28, T3S, R5W, U.S.B. & M

Duchesne County, Utah

UTEX OIL COMPANY (Kenneth Chattin)

Oil Well - Ute Tribal 1-28C5  
Section 28, T3S, R5W  
Duchesne County, Utah

1.) EXISTING ROADS

- A. See accompanying plats and maps.
- B. Drive West 3.0 miles from Duchesne, Utah on old U.S. Hiway 40. Then turn right and drive East 0.2 miles on new State Hiway to proposed access road.
- C. Go Northwesterly on proposed access road 0.5 miles to proposed oil well.
- D. Not applicable.
- E. See accompanying U.S.G.S. map.
- F. No maintenance will be required on old U.S. 40 and new state hiway. The access road will be new construction. (See Item 2)

2.) PLANNED ACCESS ROADS (see accompanying U.S.G.S. map.)

1. The width of the proposed access road will be 30 feet.
2. The maximum grade will be 10%.
3. The roadway will be of sufficient width to permit two-way traffic and will not require turn-outs.
4. Drainage from the roadway will be collected in borrow ditches and channeled into existing natural drainages.
5. See accompanying map for location and size of culverts. There will be no major fills or cuts.
6. Surface material will be native unless well is productive in which case the road will be graveled with material obtained from a local supplier (source shown on U.S.G.S. map).
7. There will be no fence cuts, and no gates or cattleguards required.
8. Access road will be flagged.

## NTL-6 Checklist

Ute Tribal 1-28C5

## 3.) LOCATION OF EXISTING WELLS (see accompanying U.S.G.S. map).

1 mile radius applicable

1. No water wells.
2. See map for abandoned wells.
3. No temporarily abandoned wells.
4. No disposal wells.
5. No drilling wells.
6. No producing wells.
7. No shut-in wells.
8. No injection wells.
9. No monitoring or observation wells for other sources.

## 4.) LOCATION OF EXISTING &amp;/or PROPOSED FACILITIES.

- A. See accompanying U.S.G.S. map and rig layout plat.
  1. Tank battery will be built if productive.
  2. Production facilities will include a heater-treater and tank battery.
  3. No oil gathering lines off the location.
  4. No gas gathering lines in area.
  5. No injection lines.
  6. No disposal lines.
- B. See accompanying U.S.G.S. map.
  1. No attendant lines off well pad.
  2. See location layout plat.
  3. Construction methods and materials will be those usual to the area as supplied by local oil field service companies for facility construction. The location will be constructed by local earth moving contractors using conventional heavy equipment used in earth moving.
  4. The reserve pit will be flagged and fenced for the protection of wildlife, waterfowl and livestock.

NTL-6 Checklist  
Ute Tribal 1-9C6

- C. That part of facility not needed after construction is completed will be graded back to slope and re-seeded with 10 lbs/acre if drilled and 15 lbs/acre if broadcast with seed acceptable to landowner.
5. LOCATION AND TYPE OF WATER SUPPLY
- A. See accompanying U.S.G.S. map.
  - B. The water will be hauled by local water hauling companies from the Strawberry River near Duchesne along the roads described in Items 1 and 2.
  - C. No water well will be drilled.
6. SOURCES OF CONSTRUCTION MATERIALS
- A. See accompanying U.S.G.S. map.
  - B. No materials needed from Federal of Indian lands.
  - C. See accompanying U.S.G.S. map-if well is productive gravel for surfacing of the access road will be obtained from the pit of a local supplier.
  - D. No needed access roads cross Federal of Indian lands.
7. METHODS OF HANDLING WASTE DISPOSAL
- 1. Cuttings will be disposed of in the reserve pit.
  - 2. Drilling fluids will be disposed of in the reserve pit.
  - 3. Produced fluids, oil and water, will be disposed of in the reserve pit.
  - 4. Sewage: a porta-toilet will be located at the location and will be serviced by the leasing company.
  - 5. Garbage and other waste material will be stored in a fenced trash pit and hauled to a sanitary land fill during final cleanup operations.
  - 6. The entire area will be cleaned up upon completion of the location.

NTL-6 Checklist  
Ute Tribal 1-9C6

8. ANCILLARY FACILITIES.
  - A. None planned.
  
9. WELL SITE LAYOUT
  1. See accompanying layout plat.
  2. See accompanying layout plat.
  3. See accompanying layout plat.
  4. Pits are to be unlined.
  
10. PLANS FOR RESTORATION OF THE SURFACE
  1. That part of the location not needed after construction will be graded back to slope and covered with the stockpiled topsoil and waste disposal will be as outlined in Item 7.
  2. See Item 4C.
  3. Prior to rig release the pits will be fenced and flagged and maintained as such until final cleanup.
  4. Overhead flagging will be installed over the pit.
  5. Completion of rehabilitation operations will be within 90 days of completion of drilling.
  
11. OTHER INFORMATION
  1. The location is located on a relatively flat sandstone bench sloping toward the Southeast at approximately 2% and away from Starvation Reservoir. The soil is composed of weathered sandstone. The vegetation is mostly pinon pine, juniper, brush and some grass. The animal life consists of mule deer, rabbits, lizards and some small rodents.
  2. Other surface uses are grazing and wood cutting. The surface is in private ownership.
  3. The nearest water is Starvation Reservoir which is approximately 0.3 miles to the West and North. There are no dwellings in the area and no archeological, historical or cultural sites were found.

NTL-6 Checklist  
Ute Tribal 1-9C6

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE.

UTEX OIL COMPANY  
Kenneth Chattin  
Suite 41-B  
4700 South 9th East  
Salt Lake City, Utah 84117  
801-262-6869

13. CERTIFICATION

I hereby certify that I, or person under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the condition which presently exists; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Utex Oil Company (Kenneth Chattin)

and its contractors in conformity with this plan and the terms and conditions under which it is approved.

5-9-79

Date

  
Kenneth Chattin

Name and Title



4. Assignment of company personnel:

(a) Production Foreman

1. Contact field foreman by radio telephone and advise location and extent of pollution and maintain radio contact throughout operation.
2. Contact head roustabout by radio or telephone and advise extent of pollution. Assign him responsibilities for control and containment of spill until relieved by foreman.
3. Contact various contractors and dispatch necessary equipment, labor and materials where necessary or deemed necessary.
4. Check on progress of movement of equipment and materials to site.
5. Help supervise installation of barriers and location of equipment.

(b) Head Roustabout:

1. Dispatch gang with equipment, labor and materials to location of spill.
2. Check on progress of movement of equipment and materials to site.
3. Help supervise installation of barrier and other work.
4. Maintain radio contact with area personnel (pumpers, production foreman, field foreman and area office).

(c) Field Foreman:

1. Advise District Office immediately of environmental incident in detail.
2. Maintain radio and/or telephone contact with all concerned.
3. Check on progress of movement of labor and materials to site.
4. Immediately advise all land owners involved of environmental incident.

4. Assignment of Contractors:

1. Dispatch contractor with roustabout labor, equipment and material to site of spill.
2. Dispatch contractor with dirt moving equipment to site of spill.
3. Dispatch contractor with water-oil tank trucks to site of spill.
4. Dispatch trucking contractor to site of spill.

Continue control measures as required or deemed necessary.

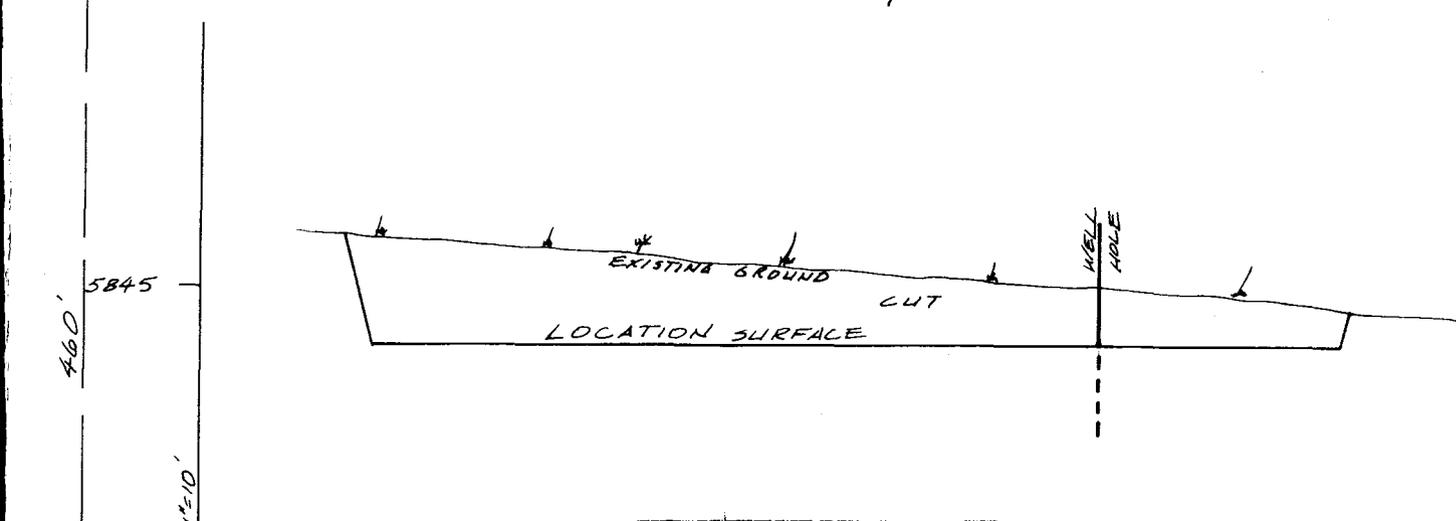
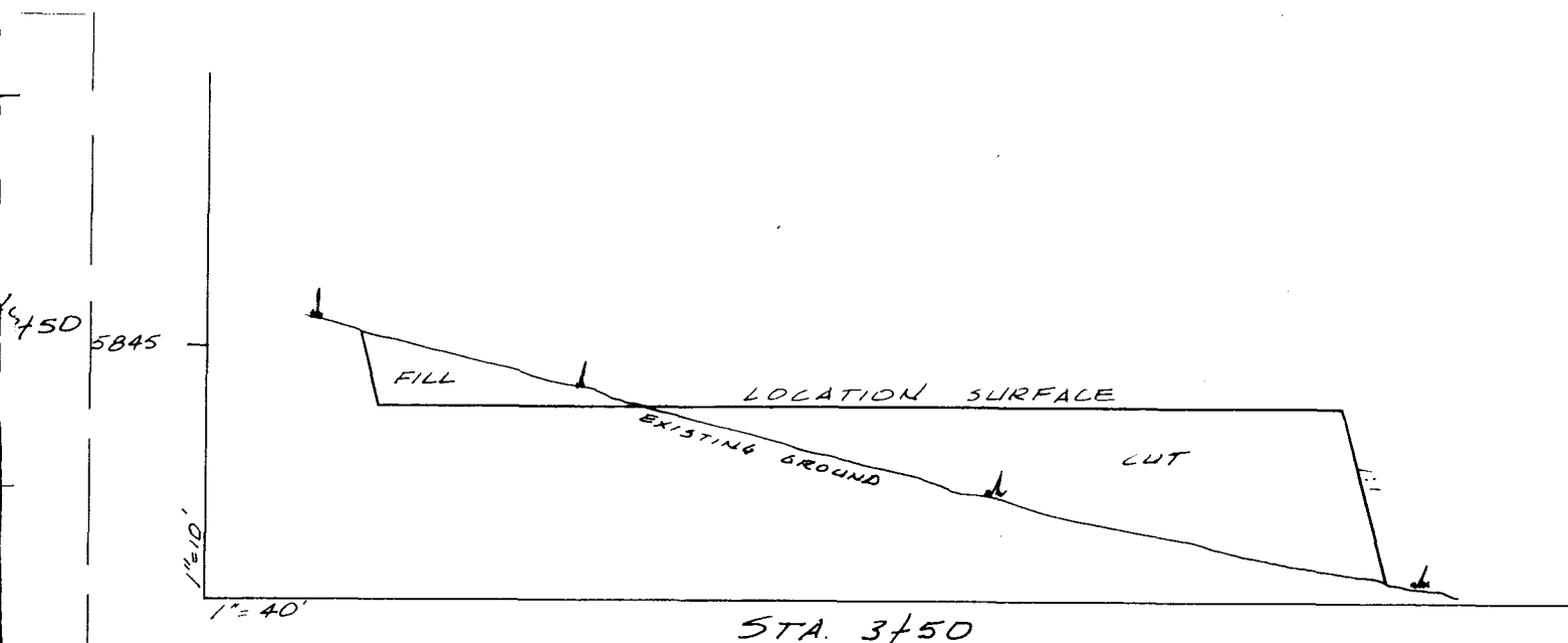
ANNETH CHATTIN)

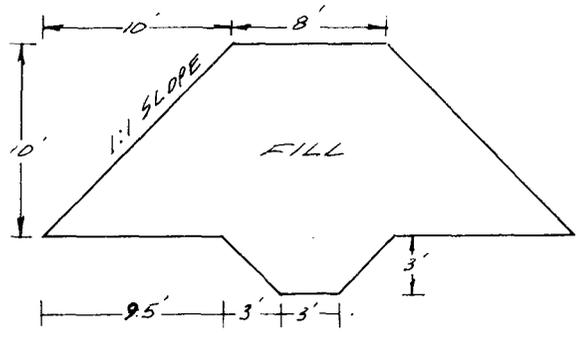
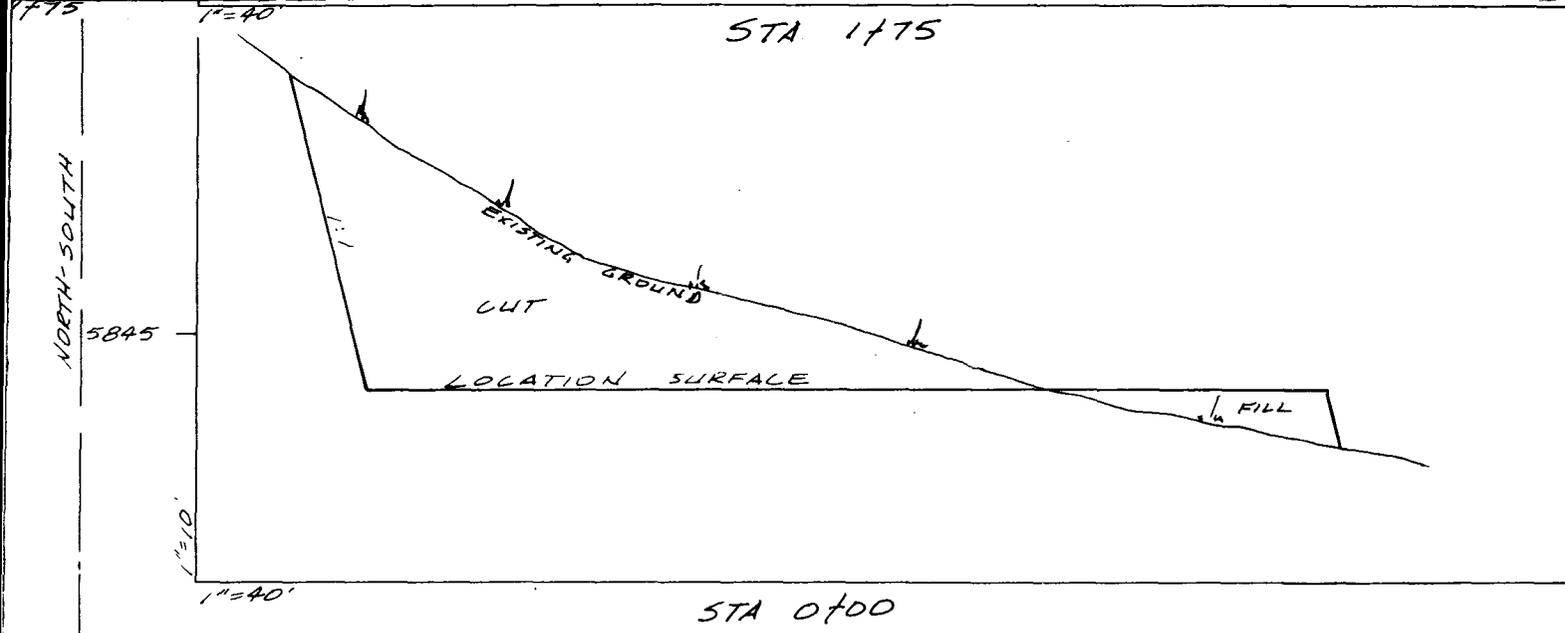
SE 1/4 OF SW 1/4, SEC. 28  
T35, R5W, L.S. B. 1/4 M.

28C6

1/16

5.





QUANTITIES

APPROXIMATE CUT: 10,000 CU. YDS.  
 APPROXIMATE FILL: 7,000 CU. YDS.  
 4.86 ACS WITHIN LOCATION USE BOUNDARY.

KEYWAY A-A  
 EXCAVATE & BACKFILL

ITS

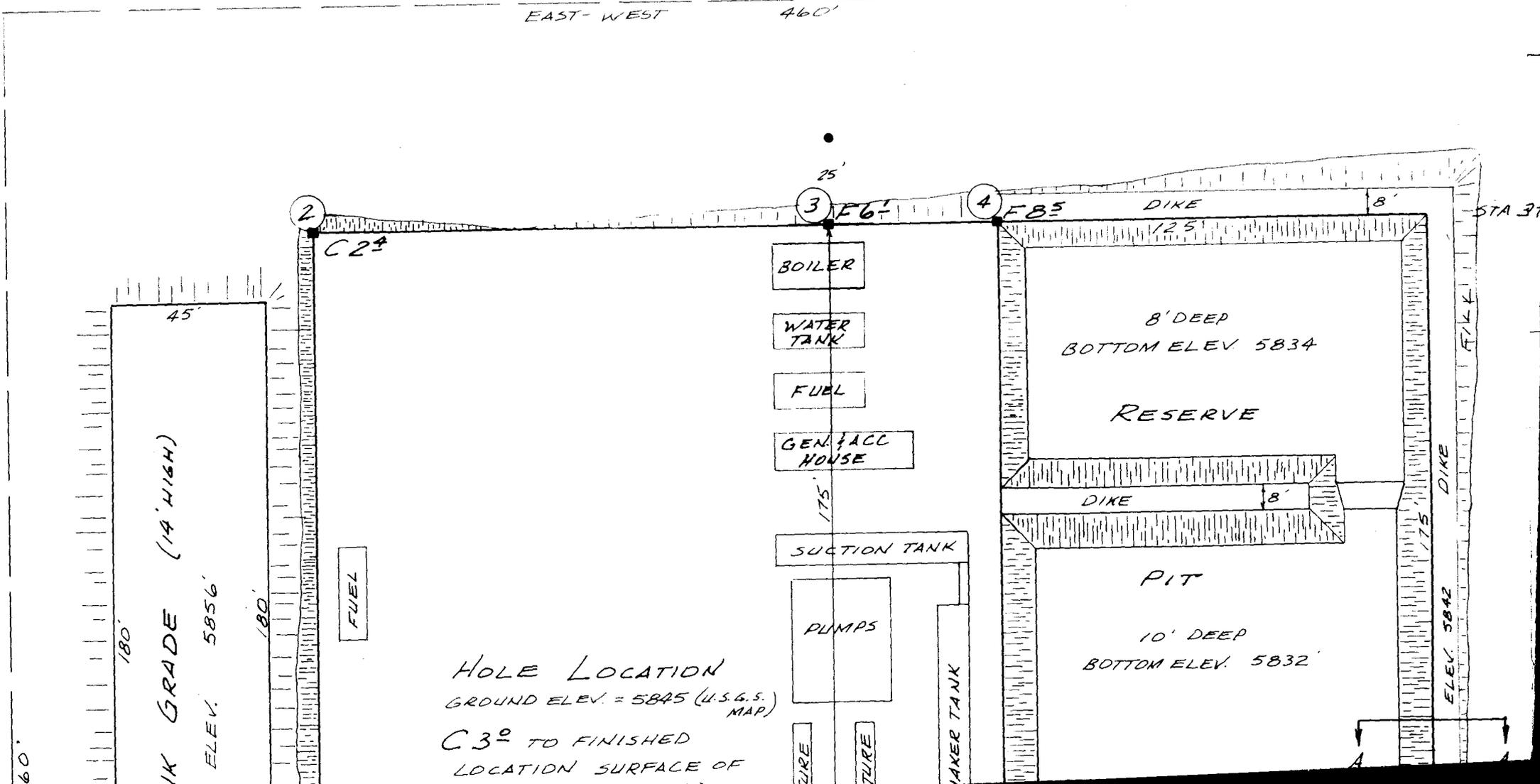
79-121-005 7 MAY '79



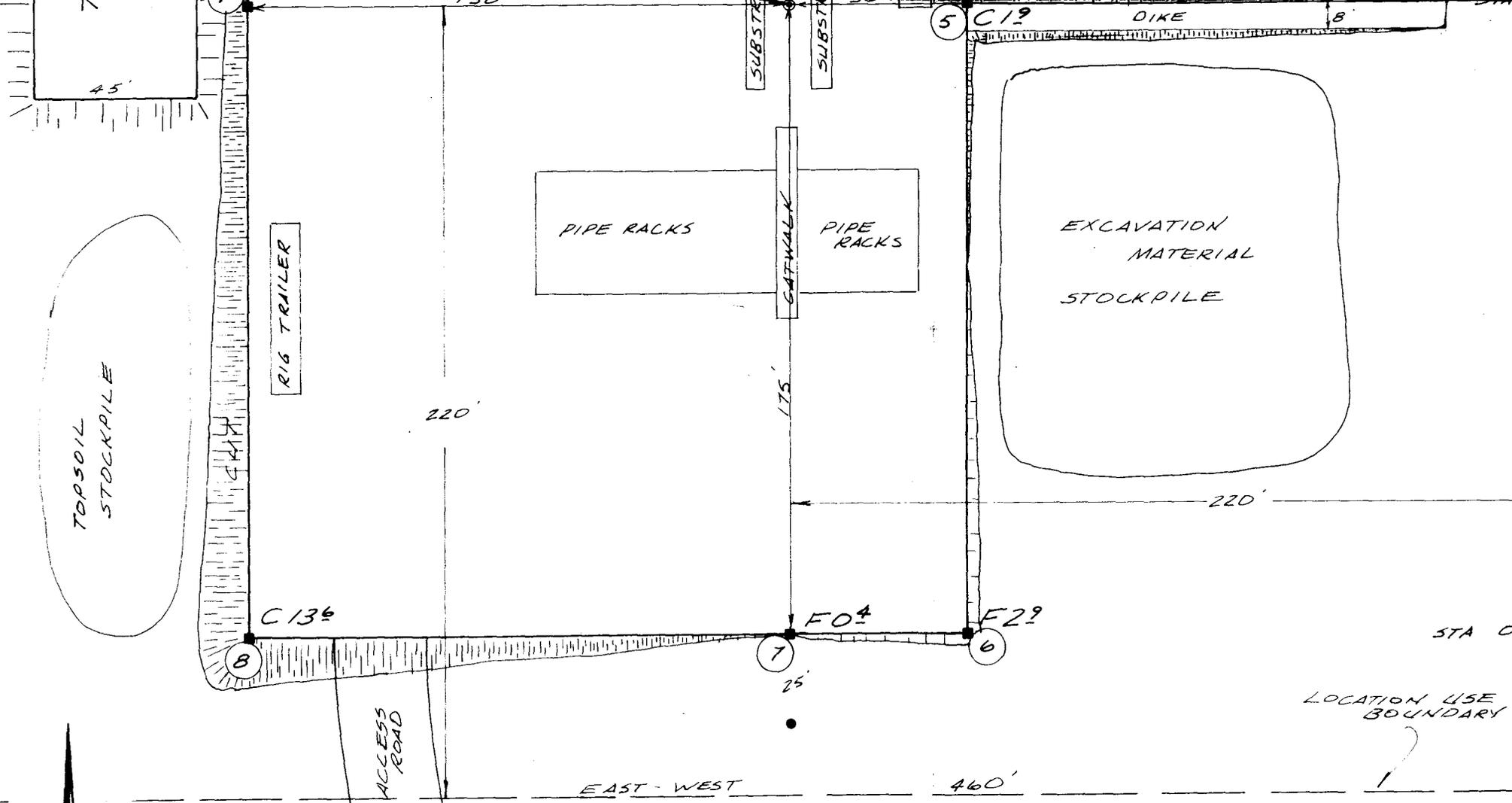
**ALLRED - PEATROSS ASSOCIATES**  
 Surveying & Engineering Consultants  
 P. O. Drawer C  
 DUCHESNE, UTAH 84021  
 (801) 738-5352

# UTEX OIL COMPANY (KE

UTE TRIBAL 1-



NORTH - SOUTH



NORTH

SCALE: 1" = 40'

WIND DIRECTION  
EASTERLY

NOTES

OVERHEAD FLAGGING TO BE INSTALLED  
OVER RESERVE PIT.

SOIL IS COMPOSED OF WEATHERED  
SANDSTONE & SHALE (5M)

- 1"X2"X12" STAKE w/ LATH SET AT THESE POINTS
- 1/2"X24" REBAR SET FOR 200' REFERENCE POINT

STATE OF UTAH  
DIVISION OF OIL, GAS, AND MINING

\*\* FILE NOTATIONS \*\*

Date: May 15, 1979

Operator: Utex Oil Company

Well No: Tribal 1-28C5

Location: Sec. 28 T. 35 R. 5W County: Duchesne

File Prepared:

Entered on N.I.D.:

Card Indexed:

Completion Sheet:

API Number: 43-013-30488

CHECKED BY:

Administrative Assistant: \_\_\_\_\_

Remarks:

Petroleum Engineer: \_\_\_\_\_

Remarks:

*CNE 1/4 under Starvation Reservoir*

Director: OK - Topographical exception

Remarks:

*granted as authorized by the order in Cause 139-8 dtd Sept 20, 1972*

INCLUDE WITHIN APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. \_\_\_\_\_

Surface Casing Change to \_\_\_\_\_

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

O.K. Rule C-3

O.K. In \_\_\_\_\_ Unit

Other:

Letter Written/Approved

UTEX OIL COMPANY

SUITE 41B  
4700 SOUTH 9TH EAST  
SALT LAKE CITY, UTAH 84117  
PHONE 801 - 262-6869

May 9, 1979

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



Re: Permit to drill  
Section 28, T3S, R5W  
Duchesne County, Utah

Gentlemen:

Enclosed please find the requisite copy of Federal Form 9-331C with supplemental information and Multi-Point Surface Use Plan. Also, you will note the proposed location is outside of the drilling window and a topographic exception is hereby requested under Order 139-8. The location site has been selected because the normal window is under the Strawberry Reservoir. This request is made in order to be outside of the take line of the Bureau of Reclamation.

We trust this application is complete and in proper form to facilitate the rapid approval of a permit for our planned operations. If there are any questions, please contact us at the above address or telephone number.

Thank you.

Sincerely,

A handwritten signature in cursive script that reads "D. T. Hansen".

D. T. Hansen



SCOTT M. MATHESON  
Governor

OIL, GAS, AND MINING BOARD

GORDON E. HARMSTON  
*Executive Director,*  
NATURAL RESOURCES

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES

CHARLES R. HENDERSON  
*Chairman*

CLEON B. FEIGHT  
*Director*

DIVISION OF OIL, GAS, AND MINING

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

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

May 16, 1979

UTEX OIL COMPANY  
4700 S 900 E  
SLAT LAKE CITY UT 84117

Re: Well No. Tribal 1-28C5, Sec. 28, T. 3S, R. 5W, Duchesne County, UT

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 dated September 20, 1972.

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

MICHAEL T. MINDER - Geological Engineer  
HOME: 876-3001  
OFFICE: 533-5771

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

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

The API number assigned to this well is 43-013-30488.

Yours very truly,

DIVISION OF OIL, GAS, AND MINING

  
Cleon B. Feight, Director

/lw

cc: U. S. Geological Survey

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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

2. NAME OF OPERATOR UTEX OIL COMPANY (KENNETH CHATTIN)

3. ADDRESS OF OPERATOR 4700 South 9th East, Salt Lake City, Utah 84117

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*) At surface 2310' EWL 518' NSL At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\* 3.5 road miles northwest of Duchesne, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 518'

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

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5845' Gr.

5. LEASE DESIGNATION AND SERIAL NO. 14-20-H62-2395
6. IF INDIAN, ALLOTTEE OR TRIBE NAME UTE
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME TRIBAL
9. WELL NO. 1-28C5
10. FIELD AND POOL, OR WILDCAT ALTAMONT
11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA Sec. 28, T3S, R5W
12. COUNTY OR PARISH Duchesne 13. STATE Utah

16. NO. OF ACRES IN LEASE
17. NO. OF ACRES ASSIGNED TO THIS WELL 640

19. PROPOSED DEPTH 9,500'
20. ROTARY OR CABLE TOOLS Rotary

22. APPROX. DATE WORK WILL START\* June 10, 1979

PROPOSED CASING AND CEMENTING PROGRAM

Table with 5 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT PER FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Rows include 13 3/4" hole with 10 3/4" casing, 9 7/8" hole with 7 5/8" casing, and 6 3/4" hole with 5" casing.



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED [Signature] TITLE Geologist DATE 5/9/79

PERMIT NO. APPROVAL DATE
APPROVED BY [Signature] TITLE ACTING DISTRICT ENGINEER DATE JUL 10 1979

NOTICE OF APPROVAL

state O&G

COPIES OF APPROVAL ATTACHED TO OPERATOR'S COPY
NECESSARY FLARING OF GAS DURING DRILLING AND COMPLETION APPROVED SUBJECT TO ROYALTY (INTL-A)
\*See Instructions On Reverse Side

CONTRACTORS:

M & M Oilfield Service  
Duchesne, Utah

Telephone 801-738-2046

Northwest Carriers  
Duchesne, Utah

Telephone 801-738-2609

Skewes & Hamilton  
Duchesne, Utah

Telephone 801-789-4031

Flint Engineering  
Vernal, Utah

Telephone 801-789-0660

Respectively submitted,

Utex Oil Company



D.T. Hansen

SUPERVISOR, OIL AND GAS OPERATIONS:

## DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of oil and gas lease

DISTRICT LAND OFFICE: Fort Duchesne, Utah 84026  
SERIAL NO.: 14-20-H62-2395

and hereby designates

Utex Oil Company  
NAME: 4133 South 635 East  
ADDRESS: Salt Lake City, Utah 84109

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Oil and Gas Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 3 South, Range 5 West, USM  
Section 28: SE/4, E/2 SW/4, SW/4 SW/4, SE/4 NW/4

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the oil and gas supervisor of any change in the designated operator.

GULF OIL CORPORATION

By Max Dix  
Max Dix (Signature of lessee) Attorney-in-Fact

May 9, 1979  
(Date)

P. O. Box 2619, Casper, Wyoming 82602  
(Address)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R355.

14

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL  GAS WELL  DRY  Other   
 b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other

2. NAME OF OPERATOR  
UTEX OIL COMPANY (KENNETH CHATTIN)

3. ADDRESS OF OPERATOR  
Suite 41-B, 4700 South 9th East, Salt Lake City, Utah 84117

4. LOCATION OF WELL (Report location clearly and in accordance with instructions on reverse side)  
 At surface 2310' EWL, 518' NSL  
 At top prod. interval reported below  
 At total depth

**CONFIDENTIAL**  
Release date: 4/2/80

5. LEASE DESIGNATION AND SERIAL NO.  
14-20-H62-2395  
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
UTE  
 7. UNIT AGREEMENT NAME  
 8. FARM OR LEASE NAME  
TRIBAL  
 9. WELL NO.  
1-28C5  
 10. FIELD AND POOL, OR WILDCAT  
ALTAMONT  
 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 28, T3S, R5W  
 12. COUNTY OR PARISH  
DUCHESSNE  
 13. STATE  
UTAH

14. PERMIT NO. 43-013-30488 | DATE ISSUED 5-16-79  
 15. DATE SPUDDED July 17, 1979 | 16. DATE T.D. REACHED 8/23/79 | 17. DATE COMPL. (Ready to prod.) September 2, 1979 | 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5845 GR | 19. ELEV. CASINGHEAD  
 20. TOTAL DEPTH, MD & TVD 9459' | 21. PLUG, BACK T.D., MD & TVD 9415' | 22. IF MULTIPLE COMPL., HOW MANY\* | 23. INTERVALS DRILLED BY | ROTARY TOOLS X | CABLE TOOLS  
 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 8654-9202 | 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN  
DIL, SP, GR, CNL, Cyberlook, CBL  
 27. WAS WELL CORED NO

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10 3/4"	40.5#	1005'	13 3/4"	420 sx Halliburton Lite w/15# per sk Gilsonite 1/2# per sk Flocele, 150 sx type H w/2% HR5, 1/2# sk Flocele	None
7 5/8"	26.4 & 29.7#	8144'	9 7/8"		

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
5 1/2 #	8061'	9459'	260	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	8520'	8500'
2 3/8"	7030'	

31. PERFORATION RECORD (Interval, size and number)  
 9196-9202, 9106-22, 8949-56, 8784-90, 8669-75, 8654-58  
 Total 35', 3 shots per foot (111 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8654-9202	10,500 gal. 28% HCL 10,500 gal. gel water

33.\* PRODUCTION

DATE FIRST PRODUCTION September 2, 1979 | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) FLOWING | WELL STATUS (Producing or shut-in) PRODUCING

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
9/2/79	16	17/64	→	864	1037	None	1:1.2

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
2300	0	→	1296	1555	NONE	48

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
FLARED | TEST WITNESSED BY D. Baucum

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
 SIGNED Kenneth Chatten | TITLE President | DATE 9/3/79

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

# INSTRUCTIONS

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

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

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

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

**Item 29: "Sacks Cement":** Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.  
**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES		38. GEOLOGIC MARKERS					
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
UINTAH	SURFACE	800'					
GREEN RIVER	800'	7726'					
WASATCH	7726'	T.D.					

UTEX OIL COMPANY

SUITE 41B  
4700 SOUTH 9TH EAST  
SALT LAKE CITY, UTAH 84117  
PHONE 801 - 262-6869

September 3, 1979

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

Re: Completion report  
Ute Tribal 1-28C5  
Sec. 28, T3S, R5W  
Duchense County, Utah

ATTENTION: CLEON B. FEIGHT

~~CONFIDENTIAL~~

Gentlemen:

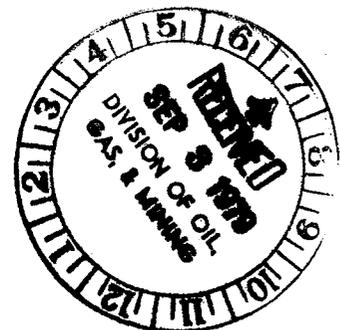
Enclosed are copies of the completion report for the captioned well. All logs run will be sent directly to your office by the logging company.

We hereby request that all information, including logs, submitted on this well be held confidential for the maximum period of time or until notified that release is in order.

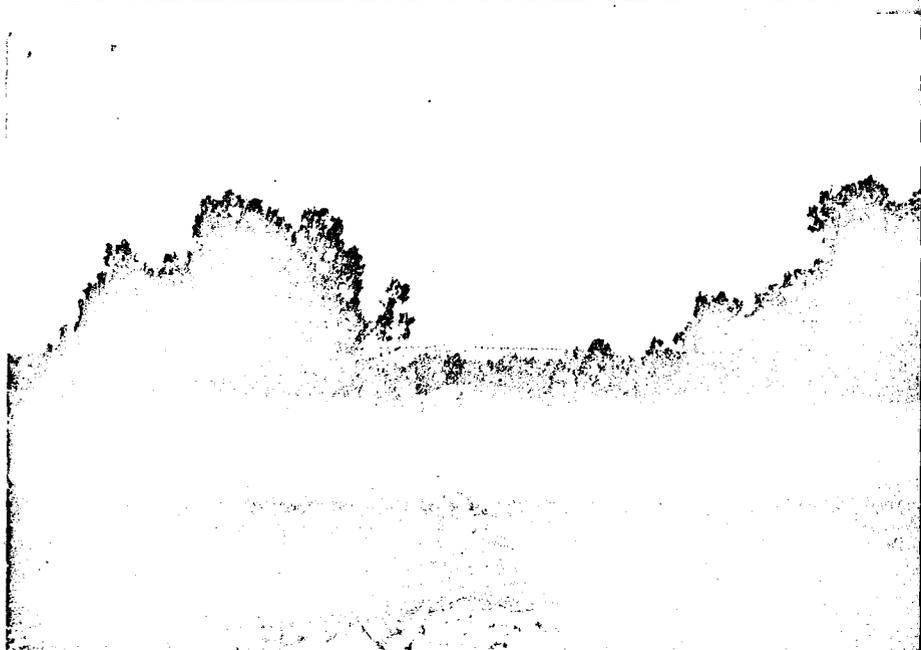
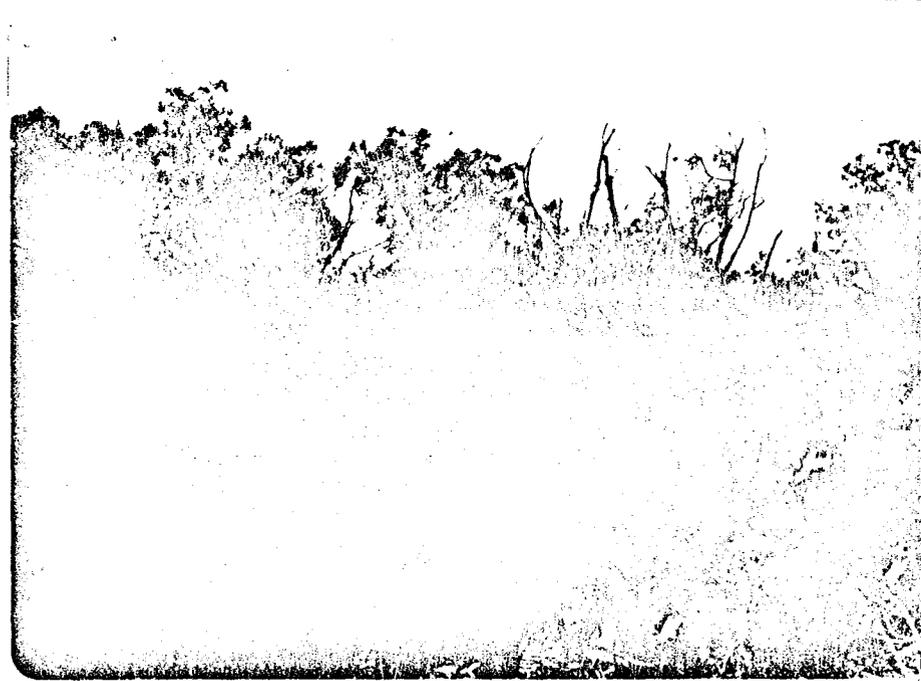
Thank you.

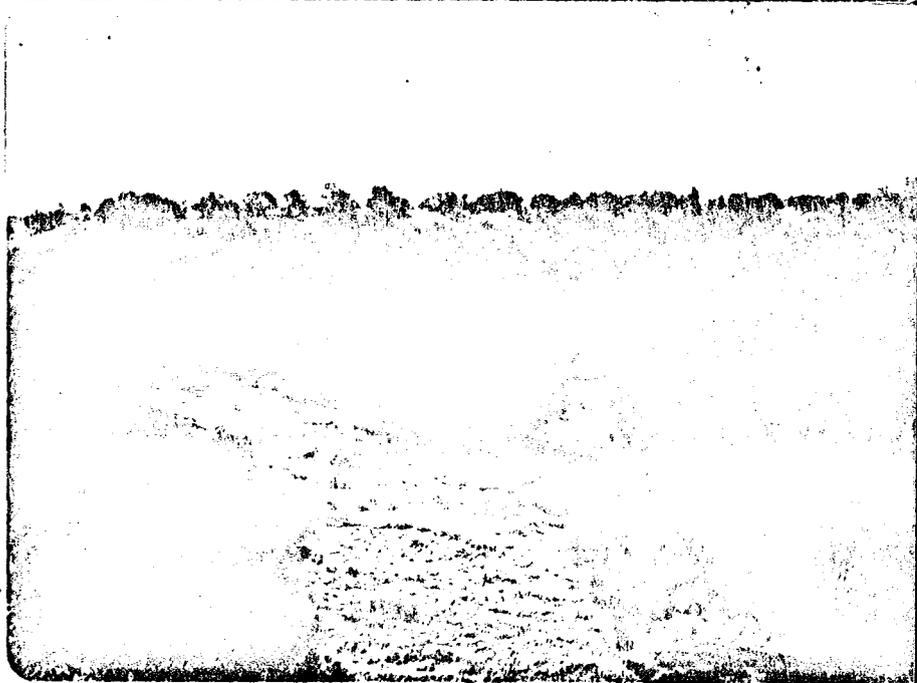
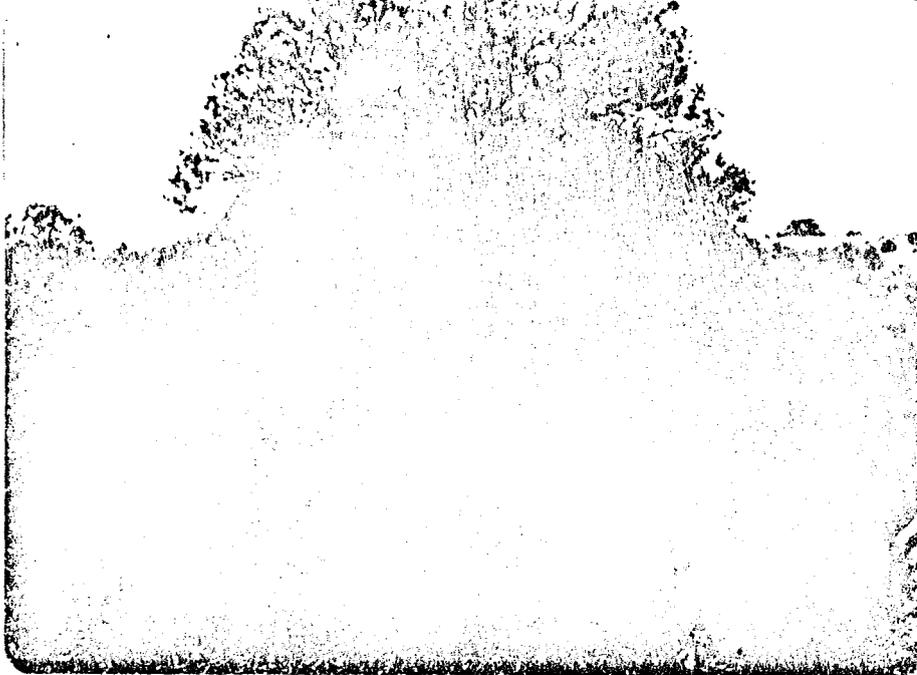
Sincerely,

*D. T. Hansen*  
D. T. Hansen









# CONFIDENTIAL

7

August 10, 1979

## MEMORANDUM

TO: File

FROM: Frank M. Hamner *and*  
Chief Petroleum Engineer  
Division of Oil, Gas  
and Mining

Re: Utex Oil Company  
Well No. Tribal 1-28C5  
Sec. 28, T. 3S, R. 5W.,  
Duchesne County, Utah

This well is currently drilling at a TD of 8161'. They are preparing to run some logs.

The rig and location is in good shape.

April 4, 1980

Utex Oil Co.  
Suite 41-B  
4700 So. 9th East  
Salt Lake City, Utah 84117

Re: Well No. Tribal 1-28C5  
Sec. 28, T. 3S, R. 5W.  
Duchesne County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office 9-3-79, from above referred to well indicates the following electric logs were run: DIL, SP, GR, CNL, CYBERLOOK, CBL. As of todays date this office has only received the following: DUAL INDUCTION-SFL, COMPENSATED NEUTRON FORMATION DENSITY, COMPUTER PROCESSED LOG.

To complete our files, please forward the remaining logs to this office as soon as possible.

Thank you for your cooperation in the above.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

*Janice Tabish*  
JANICE TABISH  
CLERK-TYPIST

*Spoke with Bob  
Chapman - only missing  
log is Cement Bond.  
They will send it.*

UTEX OIL COMPANY

SUITE 41B  
4700 SOUTH 9TH EAST  
SALT LAKE CITY, UTAH 84117  
PHONE 801 - 262-6869

April 10, 1980

Janice Tabish  
Oil & Gas Conservation  
1588 West North Temple  
Salt Lake City, Utah

Dear Janice,

Enclosed please find the CBL for the ✓ Ute Tribal 1-28C5 well, Sec. 28, T3S, R5W, Duchesne County, Utah. I trust that the telephone call from Bob Chattin to you this date has explained about the other logs to your satisfaction.

If I can be of further assistance, please advise.

Sincerely,

  
D. T. Hansen

**RECEIVED**  
APR 11 1980

DIVISION OF  
OIL, GAS & MINING

TAS

P. O. Box 213  
Roosevelt, Utah 84066-0213  
July 22, 1988

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

Gentlemen:

Please be advised that the wells on the attached list are now being operated by Trilogy Resource Holding Company, Inc. They were formerly operated by Utex Oil Company, Utah Account No. N1040. You should have received a Notice of Transfer of Owner/Operator executed between Utex and Trilogy notifying you of the change in operator.

We therefore request that the wells on the attached list be placed on a separate Monthly Oil and Gas Production Report and mailed to the following address:

Trilogy Resource Holding Company, Inc. <sup>N1040</sup>  
P. O. Box 213  
Roosevelt, Utah 84066-0213

Attn: Linda Conde

In addition, we ask that we be assigned a Utah account number.

Please contact me if you have any questions.

Very truly yours,

TRILOGY RESOURCE HOLDING COMPANY, INC.

*Linda Conde*

Linda Conde  
Contract Production Clerk

attachment

**RECEIVED**  
JUL 26 1988

DIVISION OF  
OIL, GAS & MINING

Wells Operated by Trilogy Resource Holding Company, Inc.

<u>Well Name</u>	<u>API Number</u>	<u>Entity Number</u>	<u>Location</u>
Ute Tribal 5-1	43-013-30081	02305	Sec 5, T04S R05W
1-28C5	43-013-30488	02325	Sec 28, T03S R05W
1-5C4	43-013-30532	02345	Sec 5, T03S R04W
1-24B6	43-013-30518	02350	Sec 24, T02S R06W



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

October 25, 1989

MEMO TO: File

FROM: Vicky Carney *vlc*

RE: April 1988 Production

The Ute Tribe took back the following wells from Utex and issued new leases. Shogun and Trilogy took over the leases on these wells but do not have access to the production information prior to their takeover.

It is suggested that we not take the time to try to locate the information since the BIA won't give it to us.

	1-28C5	43 013 30488	WSTC	missing 4-88
	1-24B6	43 013 30518	WSTC	missing 4-88
<i>45 SW 5</i>	Ute Tribal 5-1	43 013 30081	WSTC	missing 4-88
	1-5C4	43 013 30532	GRRV	missing 4-88
	1-19B5	43 013 30509	WSTC	missing 4-88 thru 12-88
<i>354W 29</i>	Utex 29-1	43 013 30087	GRRV	missing 4-88

WE10/51  
vlc  
cc: files



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangerter  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

May 31, 1990

Mr. Jake Harouny  
First Zone Production, Inc.  
2225 East 4800 South, Suite 107  
Salt Lake City, Utah 84117

Dear Mr. Harouny:

Re: Change of Operator - Ute Tribal 5-1, Sec. 5, T. 4S, R. 5W, API No. 43-013-30081, and Tribal 1-28C5, Sec. 28, T. 3S, R. 5W, API No. 43-013-30488, Duchesne County, Utah

You recently submitted a report dated May 15, 1990, of a change of operator from First Zone Production, Inc. to Medallion Exploration for the referenced wells. As of this time, our records show Trilogy Resource Corporation as operator of these wells. We have not received notification of a change of operator from Trilogy Resource Corporation to First Zone Production, Inc. for these wells. Such documentation is required by Rule R615-8-10 of the Utah Oil and Gas Conservation General Rules. Until all proper paperwork is submitted, the division will continue to recognize Trilogy Resource Corporation as operator and responsible party for these wells.

Sincerely,

Don Staley  
Administrative Supervisor  
Oil and Gas

ldc

cc: Trilogy Resource Corporation  
R.J. Firth  
T.A. Searing  
Well Files

WOI3/7

TRILOGY RESOURCE HOLDING COMPANY, INC.

P. O. Box 213

Roosevelt, Utah 84066-0213

(801) 722-9267

May 11, 1990

RECEIVED  
MAY 14 1990

DEPT. OF  
OIL, GAS & MINING

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

Re: Trilogy Resource Holding Co., Inc.  
Account Number N7110

Dear Vicky:

Enclosed please find the Monthly Oil and Gas Production Report for the above-referenced company for the month of April 1990.

Please be advised that I am no longer responsible for the reporting for this company. Trilogy sold its right, title and interest in their Utah properties to First Zone Production at 2225 East 4800 South, Salt Lake City, Utah 84117. The effective date was April 1, 1990. I will appreciate your contacting First Zone to acquire April production information for these properties.

As a note, I noticed that two of the wells were not listed on this report. All four wells that Trilogy operated prior to April 1, 1990 were sold to First Zone.

Please contact me if you have any questions or desire further information.

Very truly yours,

TRILOGY RESOURCE HOLDING CO., INC.

*Linda Conde*

Linda Conde  
Contract Accounting Services

encs.



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 MEDALLION EXPLORATION</p> <p>3. ADDRESS OF OPERATOR 2225 E 4800 S., SUITE 107, SLC, UTAH 84117</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>14. PERMIT NO. H3-013-30488</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. INDIAN</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME</p> <p>9. WELL NO. <del>UTE TRIBAL 1-28C5</del></p> <p>10. FIELD AND POOL, OR WILDCAT ALTAMONT</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA T3S, R5W, SEC.28</p> <p>12. COUNTY OR PARISH DUCHESNE</p> <p>13. STATE UTAH</p>
<p>15. ELEVATIONS (Show whether OF, AT, 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>CHANGE OF OPERATOR</u>	<input checked="" type="checkbox"/>

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

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

EFFECTIVE MAY 1, 1990, MEDALLION EXPLORATION ASSUMES THE RESPONSIBILITY OF OPERATING THIS WELL BASED ON THE TERMS AND CONDITIONS OF THE ORIGINAL LEASE.

**RECEIVED**  
MAY 16 1990

DIVISION OF  
OIL, GAS & MINING

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

SIGNED JAKE HAROUNY TITLE PRESIDENT DATE MAY 15, 1990

(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.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.
2. NAME OF OPERATOR FIRST ZONE PRODUCTION, INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 2225 E 4800 So., SUITE 107, SLC, UTAH 84117		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface		8. FARM OR LEASE NAME
14. PERMIT NO.		9. WELL NO.
15. ELEVATIONS (Show whether OF, ST, OR, etc.)		10. FIELD AND POOL, OR WILDCAT
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
		12. COUNTY OR PARISH DUCHESNE
		13. STATE UTAH

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

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

EFFECTIVE MAY 1, 1990, FIRST ZONE PRODUCTION, INC., HAS RELINQUISHED THE OPERATION OF THE WELLS DESCRIBED BELOW TO MEDALLION EXPLORATION, A UTAH CORPORATION, AND HEREBY SHALL BE RELEASED OF ALL LIABILITIES WITH REGARDS TO THE OPERATION OF THESE WELLS.

- 1- DUCHESNE COUNTY 1-5C4 (T3S, R4W, SEC. 5)
- 2- BROADHEAD 1-24B6 (T2S, R6W, SEC. 24)

- 3- UTE TRIBAL 5-1 (T4S, R5W, SEC. 5)
- 4- UTE TRIBAL 1-28C5 (T3S, R5W, SEC. 28)

As of 5-22-90 Dean has received no documentation changing these two wells from Trilogy Resource Corp. to First Zone. Letter written to First Zone telling them Trilogy is operator until we receive notification 5-31-90.  
DTS 5-31-90

RECEIVED  
MAY 16 1990

DIVISION OF  
OIL, GAS & MINING

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

SIGNED JAKE HAROUNI TITLE PRESIDENT DATE MAY 15, 1990

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:



JUN 18 1990  
DIVISION OF  
OIL, GAS & MINING

**TRILOGY RESOURCE HOLDING COMPANY, INC.**

June 12, 1990

State of Utah  
Department of Natural Resources  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Attention: Mr. Don Staley, Administrative Supervisor, Oil and Gas

Dear Sirs:

Re: Change of Operator  
Ute Tribal 5-1, Sec 5-4S-5W  
Tribal 1-28C5, Sec 28-3S-5W  
Duchesne County, Utah

We refer to your letters dated April 30, 1990 (Trilogy) and May 31 (First Zone) relative to the subject wells.

Please be advised that pursuant to an Agreement for Purchase and Sale of Oil and Gas Properties dated April 1, 1990 (effective simultaneously) between Trilogy Resource Holding Company, Inc. as Vendor, and First Zone Production Inc. and Medallion Exploration as Purchaser, all of Trilogy's right, title, estate and interest on an "as is, where is" basis, were sold to the Purchaser in the following lands, wells and associated leases:

<u>Well</u>	<u>Lands</u>	<u>API #</u>
Broadhead 1-24B6	Sec 24-T2S-R6W	43-013-30518
County 1-5C4	Sec 5-T3S-R4W	43-013-30532
Tribal 1-28C5	Sec 28-T3S-R5W	43-013-30488
Tribal 5-1	Sec 5-T4S-R5W	43-013-30081

*operator change handled previous to this letter*

Suite 400, 815 - 8th Avenue S.W. \\  
Calgary, Alberta T2P 3P2

Tel: (403) 261-8750 • Telex: 03-825834 • Fax: (403) 265-3327

We will immediately be forwarding notification to all parties with an interest in same, and will provide your department with evidence thereof.

Should any questions arise relative to the foregoing, please do not hesitate to contact the writer.

Yours truly,

**TRILOGY RESOURCE HOLDING COMPANY, INC.**



A.G. (Arlene) Hamilton  
Manager  
Land Administration

#1-D:\WP51\LAND\AGHUtah.TRH

cc: First Zone Production, Inc., Attn: Mr. J. Harouny  
T.H. Gorkoff, Vice-President Production (Trilogy)



**TRILOGY RESOURCE HOLDING COMPANY, INC.**

June 13, 1990

**See Addressee List Attached**

Dear Sirs:

**Re: Sale of Assets of Trilogy Resource Holding Company, Inc.  
Duchesne County, Utah**

You are hereby advised that pursuant to an Agreement for Purchase and Sale of Oil and Gas Properties dated April 1, 1990 between Trilogy Resource Holding Company, Inc. as Vendor, and First Zone Production Inc. and Medallion Exploration as Purchaser, all of Trilogy's right, title, estate and interest in and to the below-listed wells and associated lands were sold to the Purchaser.

<u>Well</u>	<u>Lands</u>	<u>API #</u>
Broadhead 1-24B6	Sec 24-T2S-R6W	43-013-30518
County 1-5C4	Sec 5-T3S-R4W	43-013-30532
Tribal 1-28C5	Sec 28-T3S-R5W	43-013-30488
Tribal 5-1	Sec 5-T4S-R5W	43-013-30081

For your information purposes, the Purchaser's address is as follows:

Attention: Mr. Jake Harouny  
First Zone Production Inc./Medallion Exploration  
2225 East 4800 South, Suite 107  
Salt Lake City, Utah 84117

We wish to thank you for your co-operation with our company for the period we held an interest therein (April 15, 1988 to April 1, 1990). Should you require further information in this regard, please contact the Purchaser.

Yours truly,

**TRILOGY RESOURCE HOLDING COMPANY, INC.**

A.G. (Arlene) Hamilton  
Manager, Land Administration

cc: First Zone Production Inc., Attn: Mr. Jake Harouny  
Division of Oil, Gas & Mining (Utah), Attn: Mr. Don Staley  
Mr. T.H. Gorkoff, Vice-President, Production - Trilogy  
Jones, Waldo, Holbrook & McDonough, Attn: R.N. Skanchy

Suite 400, 815 - 8th Avenue S.W.  
Calgary, Alberta T2P 3P2  
Tel: (403) 261-8750 • Telex: 03-825834 • Fax: (403) 265-3327

Betty Ackerlind  
5968 Monte Carlo Drive  
Salt Lake City, Utah  
84121

Robert R. & June C. Baker  
1108 N. Lemay Avenue  
Fort Collins, Colorado  
80524

John Ronald Barnett  
B10, Suite 176  
4545 El Camino Real  
Los Altos, California  
94022

J. Franklin Bickmore Estate  
c/o First of Forth Worth  
Drawer 970703  
Fort Worth, Texas  
76197-0703

Mae B. Boettcher  
1299 Gilpin Street  
#11 - W. Park Towers  
Denver, Colorado  
80218-2256

Franklin J. Bradshaw Family Trust  
First Interstate Bank of Utah  
P.O. Box 30169  
Salt Lake City, Utah  
84142

Trustees of Carol Brehm Trust  
c/o Brehm Oil  
P.O. Box 648  
Mt. Vernon, Illinois  
62864

Douglas M. Broadhead  
P.O. Box 62  
Fairview, Wyoming 83119

Rex Otto Broadhead and  
Charlene B. Broadhead  
7745 North 10800 West  
Lehi, Utah 84043

Byron J. & Helen B. Brown  
2522 Beacon Drive  
Salt Lake City, Utah 84108

ANR Limited, Inc.  
Galleria Towers West  
P.O. Box 201583  
Houston, Texas  
77216-1583

Sheree Jaco Barnes  
1873 West Homestead Farm In. #2  
West Valley City, Utah  
84119

S.H. Bennion  
Box 2436  
Idaho Falls, Idaho  
33401

A.C. Bigley, Jr.  
4921 Cecilville Avenue  
La Crescenta, California  
91214

Bernice J. Bradshaw Martial Trust  
First Interstate Bank of Utah  
P.O. Box 30169  
Salt Lake City, Utah  
84142

Trustees of Brehm Residuary Trust  
c/o Brehm Oil  
P.O. Box 648  
Mt. Vernon, Illinois  
62864

Calvin Thomas Broadhead and  
Rozella C. Broadhead  
8749 South 450 East  
Sandy, Utah 84070

Phil Golden & Janet M. Broadhead  
99 SO. 900 E.  
Sandy, Utah 84070

Shared G. Broadhead & Zions FNB  
Trustees - Merlin Broadhead Trust  
3425 Vistaview Drive  
San Jose, California 95132

Knowlton H. Brown and  
Virginia S. Brown  
Box 277  
Brigham City, Utah  
84302-0277

Melva Brown  
230 F Street, #17  
Salt Lake City, Utah 84103

Burgess Finance Company  
P.O. Box 997  
Grand Junction, Colorado  
81502

Cindy Chasel  
2285 Lucky John Drive  
Park City, Utah 84060-6914

Jerry Craig Chasel  
1860 Deloz Ave.  
Los Angeles, California  
90027

John Stewart Chasel  
4236 Chatham Circle, #4  
Las Vegas, Nevada 89119

Mary Anne Chasel  
293 N 400 W #1  
Provo, Utah 84601

Phillip K. Chattin  
5242 Cable Creek Road, #11J  
Salt Lake City, Utah 84117

Susan Hollenbeck Warren Christensen  
P.O. Box 472  
West Jordan, Utah 84088

L. Gene Close  
3734 Moutcrest Drive  
Las Vegas, Nevada 89121

Wayne C. Close  
35 West 300 North  
Provo, Utah  
84601

Bryco Inc.  
3770 E Boulevard  
Vancouver, B.C.  
V6J 4B1

Erma H. Calder, Trustee  
Edgar G. and Erma Calder Trust  
134 West 500 North  
Vernal, Utah 84078

Douglas Chasel  
330 Canyon Road, #1  
Logan, Utah 84321

John D. Chasel  
2285 Lucky John Drive  
Park City, Utah  
84060-6914

Maryanne Chasel  
634 West 1100 North  
Orem, Utah 84057

Renee S. Chasel  
292 N. Ridgeview Drive  
St. George, Utah 84770

Robert C. Chattin  
298 Rooster Drive  
Eagle, ID 83616-3854

Jack D. Close, Sr.  
4153 Ridgecrest  
Las Vegas, Nevada 89101

Melvin D. Close, Jr. - Trustee  
Valley Bank Plaza, Suite 700  
300 South 4th Street  
Las Vegas, Nevada 89101

Columbia Gas & Oil Inc.  
Box 520, Station A  
Kelowa, B.C.  
V1Y 7P1

Columbus Savings & Loan  
Division of Marin Savings  
401 Grant Avenue  
South San Francisco, California  
94080

V.V. Coulter Foundation  
c/o Interfist Bank Fort Worth  
Drawer 970703  
Fort Worth, Texas 76197-0703

CSX Oil and Gas Corporation  
P.O. Box 201769  
Houston, Texas 77216-1769

R. Earl Dillman  
Suite 500, 10 W. Broadway  
Broadway Building  
Salt Lake City, Utah

Dave Wallace Donaldson  
3955 Luetta Drive  
Salt Lake City, Utah 84124

Myrtle Drapper  
249 North 700 West  
Cedar City, Utah 84720

Walter Duncan Estate  
P.O. Box 26467  
Oklahoma City, Oklahoma 73126

David W. & Beatrice C. Evans  
110 Social Hall Avenue  
Salt Lake City, Utah 84111

Ada Fausett  
1170 West 9th South  
Salt Lake City, Utah 84104

John Fausett & Donna Fausett  
1501 West Sunset Avenue  
Salt Lake City, Utah 84119

Convest Energy Corporaiton  
2401 Fountain View Drive, Ste. 700  
Houston, Texas 77057

Croff Oil Company  
1600 Broadway, Suite 1760  
Denver, Colorado 80202

Kathleen C. Dart  
1005 Gates Drive  
Roosevelt, Utah 84066

Max Dix  
P.O. Box 499  
Casper, Wyoming 84021

Lee Leonard Donaldson  
9513 Elm Lane  
Crystal Lake, Illinois 60014

Duchesne County  
P.O. Box 270  
Duchesne, Utah 84021

E & B Explorations Ltd.  
800, 601 W. Hastings Street  
Box 84  
Vancouver, B.C.  
V6B 5A6

Evansons, A Utah Partnership  
1032 Douglas Street  
Salt Lake City, Utah 84105

Earl Fausett & Vera Fausett  
P.O. Box 419  
Duchesne, Utah 84021

Leonard C. & Margaret J. Fausett  
P.O. Box 2402  
Sandy, Utah 84091

Ralph & Fay G. Fitzgerald  
145 East 13800 South  
Draper, Utah 84020

Fleischaker Family Partnership  
P.O. Box 1178  
Okloma City, Oklahoma 73101

Forcenergy  
2730 SW 3rd Avenue, Ste. 800  
Miami, Florida 33129

G.I.D. Energy, Inc.  
16801 Greenspoint Park Drive  
Suite 110  
Houston, Texas 77060

Lila Turnbow & Betty Ackerlind  
c/o Trustees M.J. Gardner Trust  
1633 East 6250 South  
Salt Lake City, Utah 84121

Helen Nilsson Gietzen  
438 Escondido Avenue  
Vista, California 92083

Carol Gillam  
6223 South 1050 East  
Salt Lake City, Utah 84121

Alice Marie Gladden Estate  
Laura Peterson, Beneficiary  
516 Railroad Avenue  
South San Francisco, California  
94030

Phil Golden & Janet M. Broadhead  
8761 South 450 East  
Sandy, Utah 84070

Gulf Oil Corporation  
Lock Box 91921  
Chicago, Illinois 60693

Murray Harrison & Georgia Harrison  
Box 11  
Newcastle, Utah 84756

Betulia T. Herrick Estate  
Samuel R. Herrick, Administrator  
4663 Kraft Avenue  
North Hollywood, California 91602

Samuel Herrick, Jr. Trust  
Clyde W. Johnson, Trustee  
15200 Sunset Blvd., Ste. 203  
Pacific Palisades, California 90272

Claudia Boettcher Hoffman Agency  
c/o Norwest Capital Management  
P.O. Box 849  
Aberdeen, SO. Dakota 54701

Betty Ann Hollenbeck  
1651 S. Juniper, #39  
Escondido, California 92025

Conrad B. Hollenbeck  
3513 Valencia Drive N.E.  
Albuquerque, New Mexico

Nancy Hollenbeck Manhard  
4237 Val Down Avenue  
West Valley City, Utah 84120

Independence Petroleum Inc.  
203, 700 W. Pender Street  
Vancouver, B.C.  
V6C 1G8

Verl Ivie & Dorothy Ivie  
P.O. Box 746  
Dechesne, Utah 84021

Rachel S. Jensen  
1036 East 6135 South  
Salt Lake City, Utah 84107

Henry A. Johnson  
228 Vinie Street  
Murray, Utah 84107

Kelkett Resources Inc.  
410, 675 West Hastings Street  
Vancouver, B.C.  
V6B 1N6

Joseph W. & Winnifred E. Knox  
HCR Box 6225  
Benson, Arizona 85602

Ladd Petroleum Corporation  
Attn: Revenue Accounting  
P.O. Box 85676  
Dallas, Texas 75285

C.A. Larsen Estate  
c/o Ardelle F. Larsen  
836 Ease 400 North  
Bountiful, Utah 84010

Verna M. Larsen  
Larsen Investment Co.  
6363 E Butler Avenue  
Salt Lake City, Utah 84102

Lehndorff/LGB Minerals, Inc.  
2501 Cedar Springs Road, Ste. 340  
Lock Box #2  
Dallas, Texas 75201

Leslie Edwin Maxwell  
225 Gordon Lane, Apt. #21  
Salt Lake City, Utah 84107

Thelma L. Maxwell Estate  
Mary Ann Reed, Executrix  
146 Gardiner Avenue, Apt. 8A  
South San Francisco, California 94080

Taylor H. & Marian S. Merrill  
2760 Highland Drive, #16  
Salt Lake City, Utah 84106

William Ray Mott Estate  
Susan H.W. Christensen, Executrix  
45 East 1 Street South  
Tooele, Utah

Larry C. & Cheryl J. Murray  
110 East 600 South (23-12)  
Roosevelt, Utah

Anna L. Boettcher Ohrel  
P.O. Drawer 68  
Tumacacori, Arizona 85640

Norman Olson & Maggie Olson  
507 East 6th Avenue  
Helena, Montana 59601

Pennzoil Company  
P.O. Box 200099  
Houston, Texas 77216

Pentagon Oil Company  
P.O. Box 391  
Kilgore, Texas 75662

Baroness A.M.K. Von Poushental Trust 000095  
R. Gregory Sell, Trustee  
P.O. Box 3044  
Deerk Park, Maryland 21550

Dixon Reisbeck & O. Judy Reisbeck  
2649 East 300 North  
Layton, Utah 84041

Robinson, Thomas E. Family Trust  
2514 Kensington Avenue  
Salt Lake City, Utah 84108

Rocket Oil & Gas Company  
Ste. 300, 5801 N. Broadway  
Oklahoma City, Oklahoma 73118-7489

Robert L. Rorschach  
Suite 1108, 320 S. Boston Ave.  
Tulsa, Oklahoma 74103

Clara Schwinn  
942 W. Porter Lane  
West Bountiful, Utah 84010

Shell Oil Company  
P.O. Box 100122  
Houston, Texas 77212

S.H. Singer Revocable Trust  
c/o Stanley H. Singer  
P.O. Box 35524  
Tulsa, Oklahoma 74158

Dennis G. Smith  
165 West Canyon Crest Road, Ste. 300  
Alpine, Utah 84004-9525

Joseph M. Smith & Josephine D. Smith  
3745 South 2070 East  
Salt Lake City, Utah 84109

Robert J. & Helen F. Spratt  
1194 Ross Circle  
Napa, California 94558

Ella Sweat  
c/o Zions First National Bank  
4135 West 5415 South  
Kearns, Utah 84118

Veneta Sweat  
369 West Glover Lane  
Farmington, Utah 84025

Thomas E. Robinson Family Trust  
2514 Kensington Avenue  
Salt Lake City, Utah 84108

Brook D. Tarbel  
3111 Madison  
Tulsa, Oklahoma 74103

Steven J. Terry & Julia A. Terry  
1933 Wilson Avenue  
Salt Lake City, Utah 84108

Lila Turnbow  
1951 East 6430 South  
Salt Lake City, Utah 84121

Josephine S. Voda and  
Edward J. Voda  
P.O. Box 17555  
Salt Lake City, Utah 84117

Voorhies Ventures  
A Utah Limited Partnership  
1655 West Ajo Way, #604  
Tucson, Arizona 85713

Rex Ross Walker  
3100 Airport Road, Box A  
Boulder, Colorado 80301

The Wiser Oil Company  
Dept. L 454P  
Pittsburgh, PA 12564

Evelyn B. Wood  
1556 Browning Avenue  
Salt Lake City, Utah 84105

Laura Wyman  
Box 2703  
Yuma, Arizona 85364

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION & SERIAL NO.  
14-20-H62-2395

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

UTE

1. OIL WELL  GAS WELL  OTHER

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR  
MEDALLION EXPLORATION

8. PARTIAL FOR LEASE NAME  
TRIBAL

3. ADDRESS OF OPERATOR  
2225 EAST 4800 SOUTH #107, SLC, UT 84117

9. WELL NO.  
1-28C5

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)  
At surface 2310' EWL 518' NSL  
At proposed prod. zone

10. FIELD AND POOL, OR WILDCAT  
ALTAMONT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
SEC 28, T3S, R5W

14. API NO.  
43-012-30488 *pow*

15. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5845 GL

12. COUNTY DUCHESNE  
13. STATE UT

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

WATER SHUT-OFF   
FRACTURE TREATMENT   
SHOOTING OR ACIDIZING   
(Other)   
REPAIRING WELL   
ALTERING CASING   
ABANDONMENT\*   
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

APPROX. DATE WORK WILL START 10-11-90

DATE OF COMPLETION \_\_\_\_\_

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.)

\* Must be accompanied by a cement verification report.

OPERATOR IS PLANNING TO TEMPORARILY ABANDON THE WASATCH FORMATION AND PERFORATE ZONES IN THE GREEN RIVER FORMATION (7966'-7970', 7946'-7956', 7760'-7764, 7754'-7758', 7400-7402, 7380'-7382', 7318'-7322') ACIDIZE WITH 6000 GALLONS OF 15% HCL AND ADDITIVES, IF NOT PRODUCTIVE, THEN PERFORATE MIDDLE, GREEN RIVER (7256'-7266', 7096'-7098', 6960'-6964', 6764'-6768') AND ACIDIZE WITH 4000 GALLONS OF 15% HCL.

OPERATOR REQUESTS AN ALLOWANCE UNDER THE HOUSE BILL 110 FOR TAX CREDITS ASSOCIATED WITH THIS WORK-OVER-RECOMPLETION PROJECT.

ACCEPTED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING  
DATE: 10/9/90  
BY: [Signature]

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

SIGNED JAKE HAROLIN TITLE PRESIDENT DATE 10-4-90  
(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

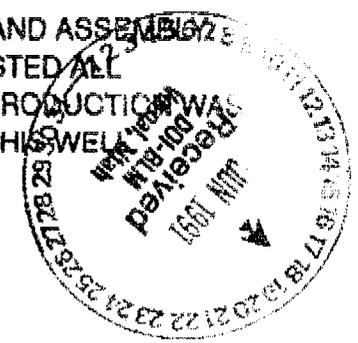
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> <small>Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT-- for such proposals.</small>		6. Lease Designation and Serial Number <b>1420H622395</b>
		7. Indian Allottee or Tribe Name <b>UTE</b>
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		8. Unit or Communitization Agreement
2. Name of Operator <b>MEDALLION EXPLORATION</b>		9. Well Name and Number <b>1-28C5</b>
3. Address of Operator <b>2225 E. 4800 SO. SLC, UT 84117</b>	4. Telephone Number <b>277-0801</b>	10. API Well Number <b>4301330488</b>
5. Location of Well Footage : <b>2310' FWL 518' FSL</b> CG, Sec. T, R, M. : <b>SESW 28 T3S R5W</b>		11. Field and Pool, or Wildcat <b>ALTAMONT</b>
		County : <b>DUCHESNE</b> State : <b>UTAH</b>

**CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

<p><b>NOTICE OF INTENT</b> (Submit in Duplicate)</p> <p><input type="checkbox"/> Abandonment                      <input type="checkbox"/> New Construction  <input type="checkbox"/> Casing Repair                      <input type="checkbox"/> Pull or Alter Casing  <input type="checkbox"/> Change of Plans                      <input type="checkbox"/> Recompletion  <input type="checkbox"/> Conversion to Injection              <input type="checkbox"/> Shoot or Acidize  <input type="checkbox"/> Fracture Treat                      <input type="checkbox"/> Vent or Flare  <input type="checkbox"/> Multiple Completion              <input type="checkbox"/> Water Shut-Off  <input type="checkbox"/> Other</p> <p>Approximate Date Work Will Start _____</p>	<p><b>SUBSEQUENT REPORT</b> (Submit Original Form Only)</p> <p><input type="checkbox"/> Abandonment *                      <input type="checkbox"/> New Construction  <input type="checkbox"/> Casing Repair                      <input type="checkbox"/> Pull or Alter Casing  <input type="checkbox"/> Change of Plans                      <input checked="" type="checkbox"/> Shoot or Acidize  <input type="checkbox"/> Conversion to Injection              <input type="checkbox"/> Vent or Flare  <input type="checkbox"/> Fracture Treat                      <input type="checkbox"/> Water Shut-Off  <input checked="" type="checkbox"/> Other <u>CLEAN &amp; FISH</u></p> <p>Date of Work Completion <u>Nov 30, 1990</u></p> <p>Report results of Multiple Completions and Recompletions to different zones on WELL COMPLETION OR RECOMPLETION AND LOG form.          * Must be accompanied by a cement verification report.</p>
--	---

12. UNFINISHED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give bearing and true vertical depths for all markers and zones pertinent to this work.)

OPERATOR ATTEMPTED TO CLEAN WELL AND FISH PACKER AND ASSEMBLE AFTER SEVERAL UNSUCCESSFUL ATTEMPTS, OPERATOR TESTED ALL POTENTIAL GREEN RIVER ZONES AND ACIDIZED SAME. NO PRODUCTION WAS ESTABLISHED. OPERATOR PLANS TO PLUG AND ABANDON THIS WELL.



I hereby certify that the foregoing is true and correct. Ben Christiansen Office Mgr. Date 6/15/91

**NOTED**  
AUG 12 1991

**RECEIVED**

AUG 23 1991

DIVISION OF OIL GAS & MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**  
 Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.  
 Use APPLICATION FOR PERMIT for such proposals

6. Lease Designation and Serial Number  
1420H622395

7. Indian Allottee or Tribe Name  
UTE

8. Unit or Communitization Agreement

9. Well Name and Number  
1-28C5

10. API Well Number  
4301330488

11. Field and Pool, or Wildcat  
ALTAMONT

1. Type of Well  
 Oil Well     Gas Well     Other (specify)

2. Name of Operator  
MEDALLION EXPLORATION

3. Address of Operator  
2225 E. 4800 SO. SLC, UT 84117

4. Telephone Number  
277-0801

5. Location of Well  
 Footage : 2310' FWL 518' FSL    County : DUCHESNE  
 QQ, Sec. T., R., M. : SESW 28 T3S R5W    State : UTAH

**12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE REPORT OR OTHER DATA**

**NOTICE OF INTENT**  
(Submit in Duplicate)

Abandonment     New Construction  
 Casing Repair     Pull or Alter Casing  
 Change of Plans     Recompletion  
 Conversion to Injection     Shoot or Acidize  
 Fracture Treat     Vent or Flare  
 Multiple Completion     Water Shut-Off  
 Other \_\_\_\_\_

Approximate Date Work Will Start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

Abandonment \*     New Construction  
 Casing Repair     Pull or Alter Casing  
 Change of Plans     Shoot or Acidize  
 Conversion to Injection     Vent or Flare  
 Fracture Treat     Water Shut-Off  
 Other CLEAN & FISH

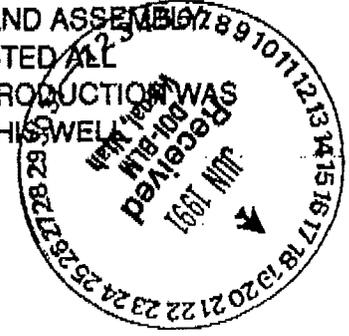
Date of Work Completion Nov 30, 1990

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.  
 \* Must be accompanied by a cement verification report.

**13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)**

**received**  
8-13-91

OPERATOR ATTEMPTED TO CLEAN WELL AND FISH PACKER AND ASSEMBLY AFTER SEVERAL UNSUCCESSFUL ATTEMPTS, OPERATOR TESTED ALL POTENTIAL GREEN RIVER ZONES AND ACIDIZED SAME. NO PRODUCTION ESTABLISHED. OPERATOR PLANS TO PLUG AND ABANDON THIS WELL.



14. I hereby certify that the foregoing is true and correct. Ben Christiansen  
 Name & Signature \_\_\_\_\_ Office Mgr. Date 6/15/91  
 (State Use Only)

**RECEIVED**

**NOTED**  
AUG 12 1991

AUG 23 1991

DIVISION OF OIL GAS & MINING

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

1. Lease Designation and Serial Number  
14-20-H62-2395

2. Indian Allottee or Tribe Name

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT for such proposals.

3. Unit or Communitization Agreement

1. Type of Well  
 Oil Well     Gas Well     Other (specify)

3. Well Name and Number  
Ute Tribal 1-2805

2. Name of Operator  
Medallion Exploration

10. API Well Number  
4301330488

3. Address of Operator  
2091 E. 4800 S. Suite 22 SLC, Ut. 84117

4. Telephone Number  
(801) 277-0801

11. Field and Pool, or wellcat  
Altamont

5. Location of Well  
Footage : 2310' FWL, 518' FSL  
C.O. Sec. T., R., M. : SE 1/4 SW 1/4 Sec 28 T3S R5W

County : Duchesne  
State : UTAH

**CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**NOTICE OF INTENT**  
(Submit in Duplicate)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Multiple Completion
- Other
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approximate Date Work Will Start \_\_\_\_\_

**SUBSEQUENT REPORT**  
(Submit Original Form Only)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other
- New Construction
- Pull or Alter Casing
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

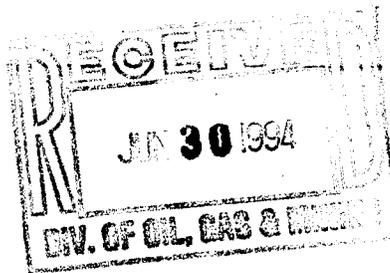
Date of Work Completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

11-18-90 OWL-SET CIBP @ 7240' PBID,  
11-19-90 perf w/ 4" OD csg gun 3 SPF.  
6188'-92' (4')  
6204'-06' (2')  
6766'-70' (4')  
3 intv, 10', 30 holes.



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

Name & Signature Jim Hooks

*Jim A. Hooks*

Title Foreman

Date 6-28-94

(State Use Only)

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

3. Lease Designation and Serial Number

14-20-H62-2395

4. Indian Allottee or Tribe Name

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT for such proposals.

5. Unit or Communitization Agreement

1. Type of Well

Oil Well

Gas Well

Other (specify)

6. Well Name and Number

Ute Tribal 1-2805

2. Name of Operator

Medallion Exploration

7. API Well Number

4301330488

3. Address of Operator

2091 E. 4800 S. Suite 22 SLC, Ut. 84117

4. Telephone Number

(801) 277-0801

8. Field and Pool, or Wildcat

Altamont

5. Location of Well

Footage : 2310' FWL, 518' FSL

County : Duchesne

C.G. Sec. T., R., M. : SE 1/4 SW 1/4 Sec 28 T3S R5W

State : UTAH

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT  
(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion     | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____             |   |

Approximate Date Work Will Start \_\_\_\_\_

SUBSEQUENT REPORT  
(Submit Original Form Only)

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Abandonment  | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____             |   |

Date of Work Completion 6-6-94 Wellbore. 6-7-94 reclaiming dirt work + reseeded in progress.

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

\* Must be accompanied by a cement verification report.

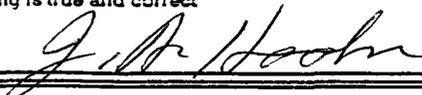
13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

P + A 6-2/7-94  
(See Attached)

JUL - 1 1994

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

Name & Signature Jim Hooks



Title Foreman

Date 6-28-94

(State Use Only)

Medallion Exploration  
Ute Tribal 1-28C5  
SE 1/4, SW 1/4 Sec 28 T3S R5W

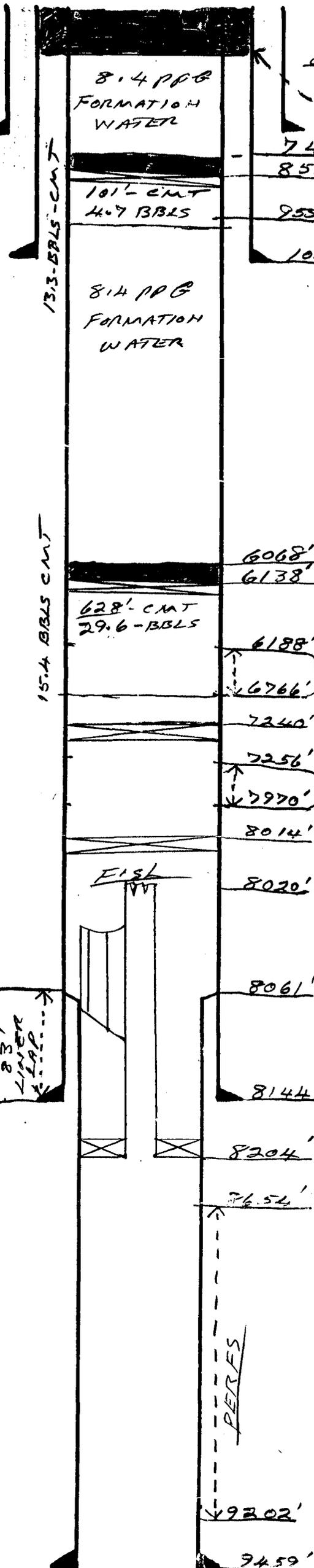
6/28/94

Plug and Abandonment

- 6/2-3/94 Tub set Halliburton 7-5/8" 26.40 to 29.70# EZSV CI-Retainer @ 6138'. Fill 7-5/8" csg w/ 5 BBls formation water. Circ conventional w/ 12 BW. Hole full of formation water. Test csg to 500 psi, held.
- 6/3/94 Injection rate out perfs 6188'-6770'. Pressure to 2600#, broke back to 3 BPM 790# w/ 12 BW. Mix and pump 240 SKS "G" w/ 3% Cachl, 1.18 yield, 15.6 PPG, 50 BBls CMT. Disp, sting out of ret leave 5 BBls 106' cmt f/ 6032' to 6138' on top of retainer. LD 10 jts tub. Unable to flush tub w/ 3000#. TOOH LD 12 jts tub and setting tool plugged w/ cmt. NOTE: Left 70' cmt f/ 6068' to 6138'. Test csg to 500#, held. 628', 15.4 BBls in 7-5/8" x 9-7/8" O H.
- 6/3/94 OWP perf w/ 1-11/16" OD decentralized tub gun w/ circulating jets @ 955'-56' 4 holes. Pump down 7-5/8" csg w/ immediate returns out 10-3/4" 40.5# surf csg.
- 6/3/94 Tub set Halliburton EZSV CI-Retainer @ 855'. Circulate conventional out perfs 855'-56' w/ full returns out 10-3/4" surface csg w/ 70 BBls form water @ 3 BPM. Mix 111 SKS, 15.6 PPG, 1.18 yield, 23 BBls CMT. Sting out of ret leave 106', 5 BBls cmt. F/ 749' to ret @ 855', 101', 4.7 BBls. F/ 855' to 956'. 13.3 BBls CMT in 7-5/8" x 10-3/4" 40.5# annulus. Test 7-5/8" csg to 500#.
- 6/3/94 Perf 4 holes f/ 150'-151', 1', w/ 1-11/16" decentralized tub gun w/ circulating jets.
- 6/3/94 Pump down 7-5/8" csg w/ full returns out 10-3/4" surf csg w/ 20 BW. Test to 500#.
- 6/3/94 Mix and pump 70 SKS "G" w/ 2% CC. 1.18 yield, 15.6 PPG, 14.7 BBls CMT. CMT to surf. CMT plug f/ surf to 151' in 7-5/8" 26.40# csg and 7-5/8" x 10-3/4" 40.5# annulus.
- 6/6/94 Cut 10-3/4" and 7-5/8" csg off 4-1/2' below ground level. Install dry hole marker extended 5' above ground level.
- 6/7/94 Dirt work and reseeding in progress.

6-27-94  
UTE TRIBAL 1-28CS

P & A



6-3-94 → CIRC-CMT DOWN 7 7/8" CS9. 70-SKS "6" w/ 290 CC. 1.18 YIELD, 15.6 PPG. 14.7 BBLs. CMT PLUG FI SURF TO 151' IN 7 5/8" CS9 & 7 5/8" X 10 3/4" 40.5# ANNULUS.

749' → 6-3-94 PERF 4-HOLES w/ CIRC-JETS,

855' → CMT TOP.

955'-6' → 6-3-94 TUB SET HALLIBURTON CI-RET. CIRC CMT. 11-SKS, 1.18 YIELD, 15.6 PPG, 23-BBLS CMT. LEAVE 106', 5-BBLS CMT ON TOP OF RET FI 749' TO RET @ 855'. 101', 4.7-BBLS CMT FI 855' TO 956'. 133-BBLS IN 7 5/8" X 10 3/4" 40.5# ANNULUS. TEST 7 5/8" CS9 TO 500#.

→ 6-3-94 PERF 4-HOLES w/ 1 1/4" DE-CENTRALIZED TUB GUN w/ CIRC-JETS.

→ 10 3/4" 40.5# SURF CS9.

→ CMT TOP. TEST CS9 TO 500#.

6068' → 6-3-94 TUB SET HALLIBURTON CI-RET. CMT w/ 240-SKS "6" w/ 370 CC. 1.18 YIELD 15.6 PPG. 50-BBLS CMT. LEAVE 70' CMT 3.3 BBLS ON TOP OF RET @ 6068' TO RET @ 6138'. 628' CMT FI 6138' TO 6766'. 29.6-BBLS. 15.4 BBLs 7 5/8" X 9 7/8" OH.

6138' → 11-18-90 PERF w/ 4" CS9 GUNS 3-INTV, 10', 30-HOLES

6188' → 11-18-90 WL-SET CIBP.

7240' → 10-13-90 PERF w/ 4" CS9 GUNS 6-INTV, 40', 88-HOLES

7256' → 10-12-90 WL SET CIBP.

7970' → 10-12-90 FISH 1-OT 2 7/8" CS-HYD TUB. NAT MODEL 220 DUAL STRING PUMP CAVITY. 4-OTS 2 7/8" CS-HYD TUB & 5 1/2" SURLOK PACKER. TUB WAS SLOT w/ 3000-GRAM STRING SLOT. TOP OF FISH WILL BE SPLIT. (PUMP CAVITY STUCK IN TOP OF LINER).

8014' → 5 1/2" X 7 5/8" 29.70# LINER TOP

8020' → 7 5/8" 26.40 & 29.70 # CS9.

8061' → 8204' EST DEPTH.

83' LINER LAPP

PERFS

9202'  
9459'

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

1. Lease Designation and Serial Number

14-20-H62-2395

2. Indian Allottee or Tribe Name

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.

Use APPLICATION FOR PERMIT for such proposals.

3. Unit or Communitization Agreement

1. Type of Well  
 Oil Well  
 Gas Well  
 Other (specify)

3. Well Name and Number

Ute Tribal 1-28C5

2. Name of Operator  
Medallion Exploration

10. API Well Number

4301330488

3. Address of Operator  
2091 E. 4800 S. Suite 22, SLC Utah 84117

4. Telephone Number  
(801) 277-0401

11. Field and Pool, or Wildcat  
Altamont

5. Location of Well

Footage : 2310' FWL, 518' FSL  
C.G. Sec. T., R., M. : Sec 28, T3S, R5W SE 1/4, SW 1/4

County : Duchesne  
State : UTAH

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT  
(Submit in Duplicate)

- |  |   |
|--|---|
| <input type="checkbox"/> Abandonment             | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Recompletion         |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Multiple Completion     | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____             |   |

Approximate Date Work Will Start \_\_\_\_\_

SUBSEQUENT REPORT  
(Submit Original Form Only)

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Abandonment  | <input type="checkbox"/> New Construction     |
| <input type="checkbox"/> Casing Repair           | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans         | <input type="checkbox"/> Shoot or Acidize     |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare        |
| <input type="checkbox"/> Fracture Treat          | <input type="checkbox"/> Water Shut-Off       |
| <input type="checkbox"/> Other _____             |   |

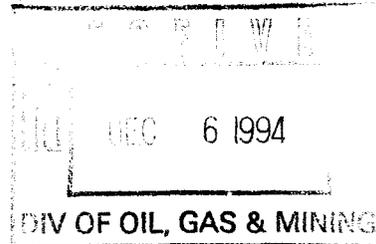
Date of Work Completion \_\_\_\_\_

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

• Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. 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



I hereby certify that the foregoing is true and correct.

Name & Signature Steve Lamb

*Steve Lamb*

Title Field Supt

Date Nov 3, 1994

(State Use Only)

Medallion Exploration  
Ute Tribal 1-28C5

Rehab Location

The 1-28C5 well has been reclaimed & reseeded w/ 3# yellow sweet clover, 2-1/2# rye grass and 2# intermediate wheat grass per acre.

Several attempts have been made to contact the land owner Waikiki Investment Part. to see about the access road into location. At this time further attempts are being made to contact the land owners.

RECEIVED  
MAY 11 1994

DEPT. OF OIL, GAS & MINING