

FILE NOTATIONS

Entered in NID File
 Entered on S.R. Sheet
 Location Map Pinned
 Card Indexed
 IWR for State or Fee Land

Checked by Chief R.P.S.
 Copy NID to Field Office
 Approval Letter
 Disapproval Letter

COMPLETION DATA:

Date Well Completed 6-1-62 Location Inspected _____
 OW WW _____ TA _____ Bond released _____
 GW _____ OS _____ PA _____ State of Fee Land _____

LOGS FILED

Driller's Log 4-2-62
 Electric Logs (No.) 3
 E _____ I _____ E-I GR _____ GR-N Micro _____
 Lat _____ Mi-L _____ Sonic Others _____

Notice of Intention to Drill Complete

FILE NOTATIONS

Entered in NID File
 Entered on S.R. Sheet
 Location Map Pinned
 Card Indexed
 IWR for State or Fee Land

Checked by Chief RWP
 Copy NID to Field Office
 Approval Letter 2-25-63
 Disapproval Letter

COMPLETION DATA:

Date Well Completed 4-9-63 Location Inspected _____
 OW WW _____ TA _____ Bond released _____
 GW _____ OS _____ PA _____ State of Fee Land _____

LOGS FILED

Driller's Log Subsequent Report of Drill Company letter 4-29-63
 Electric Logs (No.) _____
 E _____ I _____ E-I _____ GR _____ GR-N _____ Micro _____
 Lat _____ Mi-L _____ Sonic _____ Others _____

5

X	17		

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING
SALT LAKE CITY 14, UTAH

Fee and Patented.....
State
Lease No.
Public Domain
Lease No.
Indian
Lease No. 1-109-Ind-535

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill.....	<input checked="" type="checkbox"/>	Subsequent Report of Water Shut-off.....	
Notice of Intention to Change Plans.....		Subsequent Report of Altering Casing.....	
Notice of Intention to Redrill or Repair.....		Subsequent Report of Redrilling or Repair.....	
Notice of Intention to Pull or Alter Casing.....		Supplementary Well History.....	
Notice of Intention to Abandon Well.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

April 26, 19 62

Well No. 7 is located 1980 ft. from (N) line and 660 ft. from (W) line of Sec. 17

C SW NW Section 17 4S 4W Uintah Special
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Duchesne Duchesne Utah
(Field) (County or Subdivision) (State or Territory)

Will

The elevation of the derrick floor above sea level is Follow feet.

A drilling and plugging bond has been filed with Blanket Bond

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

It is proposed to drill this well with rotary tools to further test, evaluate and develop prospective asphalt base crude horizons in the Upper Green River formation at the following estimated depths: "Prospective Zone", Saline Facies, 2440' - 2748', "No. 3 Pay Zone", Saline Facies, 2748' - 2948', "Upper Evacuation-Parachute Creek", 3446' - 3496'.

Low viscosity mud will be used to drill from surface to 250' and fresh water from 250' to a total depth of approximately 3580'. Production casing will be set at 2440' and completed open hole.

Casing and cementing schedule:

- 250' - 10-3/4" OD, 32.75#, H-40 casing cemented to surface.
- 2,440' - 7-7/8" OD, 26.4#, J-55 casing, use sufficient cement to cover all permeable zones 1000' above 2440'.

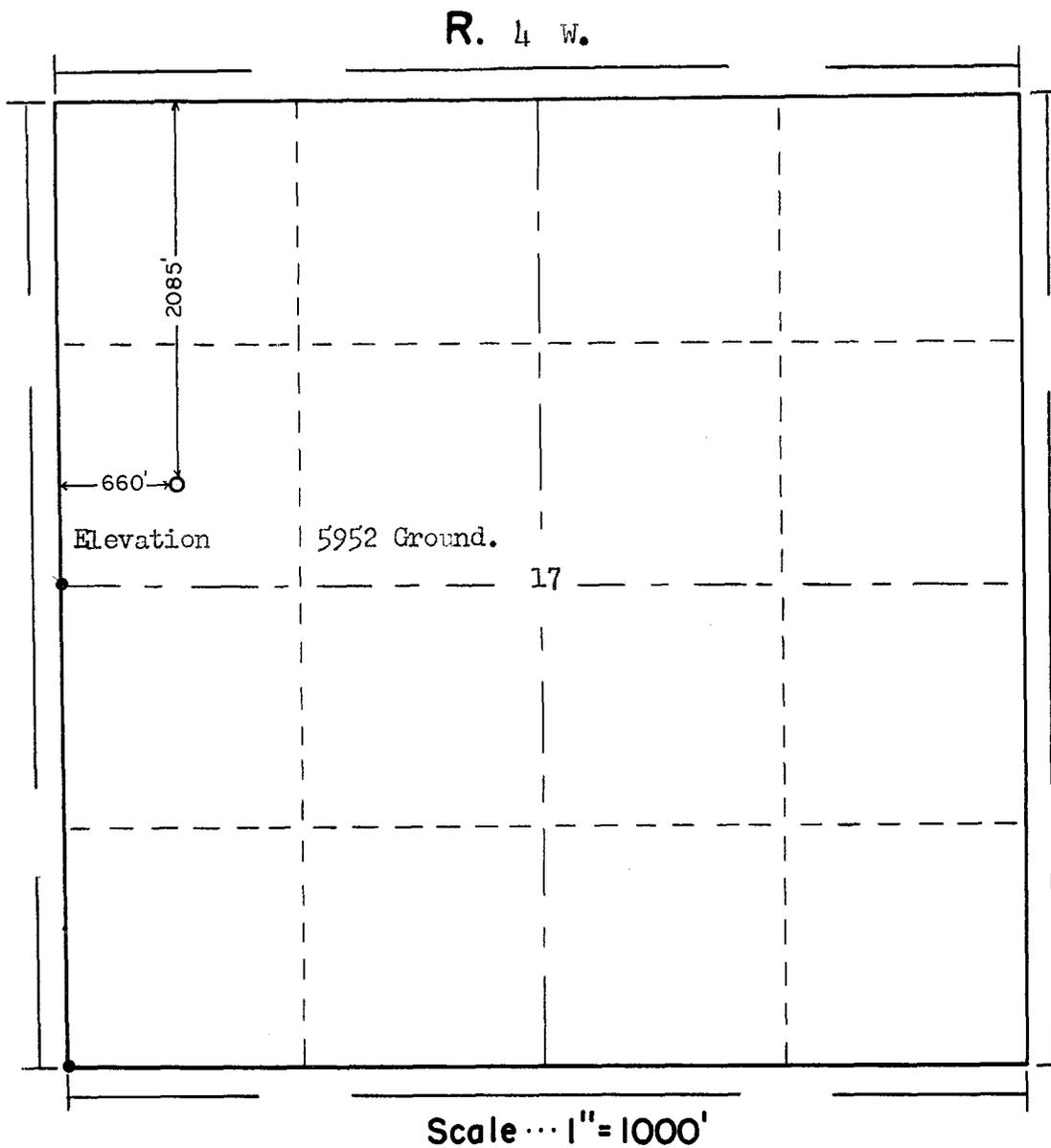
I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company Continental Oil Company

Address Box 126
Craig, Colorado

By RE Larson
Title District Superintendent

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.



Powers Elevation Company of Denver, Colorado
 has in accordance with a request from Mr. Pat Pattishall
 for Continental Oil Company determined the
 Location of #7 Duchesne-3551
 to be 2085' FN & 660' FW Section 17 Township 4 South
 Range 4 West Salt Lake Meridian
 Duchesne County, Utah

The above Plat shows the location of the well site
 in said section.

Powers Elevation Company

by: *Leonard H. Christman*
 Registered Land Surveyor

Date: 5-2-62

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April 30, 1962

Continental Oil Company
Box 126
Craig, Colorado

Attn: R. E. Larson, Dist. Supt.

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Ute Tribal # 7, which is to be located 1980 feet from the north line and 660 feet from the west line of Section 17, Township 4 South, Range 4 West, TSM, Duchesne County, Utah

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted. However, this approval is conditional upon a Plat being furnished this office in accordance with Rule C-4 (a), General Rules and Regulations and Rules of Practice and Procedure, Utah State Oil and Gas Conservation Commission.

This approval terminates within 90 days if the above mentioned well has not been spudded in within said period.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE DIRECTOR

CBF:cn
cc: Don F. Russell, Dist. Eng.
U. S. Geological Survey

14

May 16, 1962

Continental Oil Company
Box 126
Craig, Colorado

Attn: R. E. Larson, Dist. Supt.

Gentlemen:

This is to acknowledge receipt of your amended notice of intention to drill Well No. Ute Tribal # 7, which is to be located 2085 feet from the north line and 660 feet from the west line of Section 17, Township 4 South, Range 4 West, USM, Duchesne County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well has not been spudded in within said period.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT
EXECUTIVE DIRECTOR

CBF:cn

cc Don F. Russell, Dist. Eng.
U. S. Geological Survey
Salt Lake City, Utah

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X	7		

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING
SALT LAKE CITY 14, UTAH

Fee and Patented.....
 State.....
 Lease No.
 Public Domain.....
 Lease No.
 Indian.....
 Lease No. 1-109-Ind-
5351

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill.....		Subsequent Report of Water Shut-off.....	
Notice of Intention to Change Plans.....	X	Subsequent Report of Altering Casing.....	
Notice of Intention to Redrill or Repair.....		Subsequent Report of Redrilling or Repair.....	
Notice of Intention to Pull or Alter Casing.....		Supplementary Well History.....	
Notice of Intention to Abandon Well.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

..... May 8, 19 62

Well No. #7 is located 2085 ft. from {N} line and 660 ft. from {W} line of Sec. 17

SW NW Section 17 4S 4W Uintah Special
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Duchesne Duchesne Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is feet. G. E. 5952' ungraded

A drilling and plugging bond has been filed with Blanket Bond

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

The proposed well was located 1980' FNL, 660' FWL, Section 17, T4S, R4W, Duchesne County, Utah. Location has been moved 105' South due to terrain.

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company Continental Oil Company
 Address Box 126 By R. E. Larson
Craig, Colorado Title District Superintendent

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

X	17		

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

STATE CAPITOL BUILDING
SALT LAKE CITY 14, UTAH

Fee and Patented.....
 State.....
 Lease No.
 Public Domain.....
 Lease No.
 Indian.....
 Lease No. 1-109-Ind-5351

SUNDRY NOTICES AND REPORTS ON WELLS

Notice of Intention to Drill.....	Subsequent Report of Water Shut-off.....	
Notice of Intention to Change Plans.....	Subsequent Report of Altering Casing.....	
Notice of Intention to Redrill or Repair.....	Subsequent Report of Redrilling or Repair.....	
Notice of Intention to Pull or Alter Casing.....	Supplementary Well History.....	X
Notice of Intention to Abandon Well.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

June 27, 19 62

Well No. 7 is located 2085 ft. from {N} line and 660 ft. from {W} line of Sec. 17
SW NW Section 17 4S 4W Uintah Special
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Duchesne Duchesne Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5954 feet. Ground 5944'

A drilling and plugging bond has been filed with Blanket Bond

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important work, surface formation, and date anticipate spudding-in.)

Spudded at 9:00 AM, 5-11-62. Drilled 13-3/4" hole with low viscosity mud from surface to 267'. Set 10-3/4" OD, 32.75#, H-40 casing at 261', cemented with 250 sacks regular cement. Plug down at 3:00 AM, 5-13-62. WOC 24 hours. Drilled 9-7/8" hole with water to 2015'. Ran DST #1 on 5-23-62, with packer set at 1817'. SIP 945#, IFP 147#, FF 219#, FFR 213 MCF through 3/8" orifice. 100 psi back pressure. FSI 826#, FF 951#. Drilled 9-7/8" hole to 2410'. Ran 7-5/8" 26.4#, J-55 casing set at 2410', cemented with 150 sacks regular cement. WOC 24 hours. Drilled 6-3/4" hole to TD 3550'. Log tops: Saline Facies - 1916', Green River - 2402', No. 3 Pay Zone - 2701', Basal Zone - 3025', Evacuation-Parachute Creek - 3239', "P" Marker - 3536'. Plugged well back from 3550' to 3042' with 130 sacks regular cement and drilled out from 3042' to PBD of 3048'. Ran tubing and rods. Rig released at 12 Midnight 6-4-62. Set pumping unit. Put on production 6-7-62. On 6-13-62 pumped 56 barrels of oil and 14 barrels of water in 24 hours.

I understand that this plan of work must receive approval in writing by the Commission before operations may be commenced.

Company Continental Oil Company
 Address Box 126 By J. R. Nelson
Craig, Colorado Title District Superintendent

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

Prod

November 26, 1962

Continental Oil Company
Box 126
Craig, Colorado

Re: Well No. Duchesne 638-#1
Sec. 14, T. 4 S, R. 5 W.,
Duchesne County, Utah

Well No. Ute Tribal #7 Prod
Sec. 17, T. 4 S, R. 4 W.,
Duchesne County, Utah

Gentlemen:

On November 19, 1962, I made a general inspection of the Duchesne Oil Field and surrounding area. Upon visiting your Duchesne 638-#1 well, it was observed that the valve had a small leak. The well location still has its mud pit exposed and there is no sign identifying the well. The Ute Tribal #7 well has a leak in its production line leading to the tank battery, and is extruding over an area near the well.

Your immediate attention in remedying the above conditions will be appreciated.

This office would like to thank you for your past cooperation in erecting signs on existing well locations. Also, it was noticed that a rat hole has been filled which I found on my last inspection, October 3, 1962.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

PAUL W. BURCHELL
CHIEF PETROLEUM ENGINEER

PWB:cnp

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FOLD

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set
 Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
NONE						

TOOLS USED

Rotary tools were used from Surface feet to 3550 feet, and from feet to feet
 Cable tools were used from feet to feet, and from feet to feet

DATES

~~Drilled~~ June 27, 19. 62 Put to producing June 7, 19. 62

The production for the first 24 hours was ^{32 BOPD} 34 barrels of fluid of which 94 % was oil; %
 emulsion; ^{2 BWPD} 6 % water; and % sediment. Gravity, °Bé.

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
 Rock pressure, lbs. per sq. in.

EMPLOYEES

J. J. Hartnett, Drilling Foreman, Driller Driller
, Driller Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			At the end of complete Driller's Log add Geologic Tops. State whether from Electric Logs or samples.
Surface 2402'	2402' 3550'	2402' 1148'	Uinta Green River

[OVER]

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or hauling.

State whether electric logs were run.

Spudded at 9:00 AM, 5-11-62. Drilled 13-3/4" hole with low viscosity mud from surface to 267'. Set 10-3/4" OD, 32.75#, H-40 casing at 261', cemented with 250 sacks regular cement. Plug down at 3:00 AM, 5-13-62. WOC 24 hours. Drilled 9-7/8" hole with water to 2015'. Ran DST #1 on 5-23-62, with packer set at 1817'. SIP 945#, IFP 147#, FF 219#, FFR 213 MCF through 3/8" orifice. 100 psi back pressure. FSI 826#, FF 951#. Drilled 9-7/8" hole to 2410'. Ran 7-5/8" 26.4#, J-55 casing set at 2410', cemented with 150 sacks regular cement. WOC 24 hours. Drilled 6-3/4" hole to TD 3550'. Log tops: Saline Facies - 1916', Green River - 2402', No. 3 Pay Zone - 2701', Basal Zone - 3025', Evacuation-Parachute Creek - 3239', "P" Marker - 3536'. Plugged well back from 3550' to 3042' with 130 sacks regular cement and drilled out from 3042' to PBD of 3048'. Ran tubing and rods. Rig released at 12 Midnight 6-4-62. Set pumping unit. Put on production 6-7-62. On 6-13-62 pumped 56 barrels of oil and 14 barrels of water in 24 hours.

Copy H. L. C

PMB

(SUBMIT IN TRIPLICATE)

X	17	

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Indian Agency Fort Duchesne
Allottee Continental Oil
Lease No. 1-109-IND-5351

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		
Notice of Intention to Dual Complete Well		X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Ute Tribal

March 22, 19 63

Well No. 7 is located 2085 ft. from N line and 660 ft. from W line of sec. 17
SW/4 NW/4 Sec. 17 4S 4W Uintah Special
(4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Duchesne Duchesne County Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5954 ft. Ord. 5944

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

All measurements from the rotary bushing.
It is proposed to dually complete this well by perforating a prospective gas zone in the Uinta formation and producing through the annulus above a packer. The oil zone in the Upper Green River formation will be produced from the open hole section (2410'-3048') beneath the packer. A DST in the interval 1817'-2015' flowed 235 MCF of gas per day for 93 minutes through a 5/8" choke with 17 psi surface pressure. This zone was left uncemented behind the 7 5/8" casing by stage cementing through the casing shoe at 2410' and a stage collar at 1781'. A cement bond log shows the cement tops at 2010' and 1450'; thus the uncemented interval is 1781'-2010'.

(Continued over)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Continental Oil Company
Address P. O. Box 3312
Durango, Colorado
By *H. D. Stanley*
Title District Superintendent

S

March 25, 1963

Continental Oil Company
P. O. Box 3312
Durango, Colorado

Attn: H. D. Haley, Dist. Supt.

Gentlemen:

This is to acknowledge receipt of your notice of intention to dual complete Well No. Ute Tribal #7, which is located 2085 feet from the north line and 660 feet from the west line of Section 17, Township 4 South, Range 4 West, USM, Duchesne County, Utah.

Please be advised that insofar as this office is concerned approval to dually complete said well is hereby granted.

This approval terminates within 90 days if the above mentioned well has not been spudded in within said period.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE DIRECTOR

CBF:cp

cc: D. F. Russell, Dist. Eng.
USGS - Salt Lake City, Utah

H. L. Coonts, Pet. Eng.
OGCC - Moab, Utah

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(SUBMIT IN TRIPLICATE)

Indian Agency **Fort Duchesne**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allettee **Continental Oil Co.**

Lease No. **1-109-IND-5351**

X	17		

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	Subsequent Report of Dual Completion	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

April 25, 19 63

Well No. 7 is located 2085 ft. from N line and 660 ft. from EW line of sec. 17

SW-17 Section 17 T4S 24W Uintah Special
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Duchesne Duchesne County Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5954 ft. **Ord. 5944**

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

All measurements from the rotary bushing. Perforated a prospective gas zone in the Uintah formation at 1900'-1901' w/4 Schlumberger 1 11/16" tubing capsule jets. Landed tubing and set Baker Model A Packer @ 2204'. Ran rods & set pump. The packer seal was checked and no communication was observed. Estimated final open-flow potential on 4-9-63 was 80 MCF/day through the annulus above the packer. Gas tied into fuel gas system.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Continental Oil Company

Address Box 3312
Durango, Colorado

By [Signature]

Title Assistant District Superintendent

May 27, 1963

**Continental Oil Company
P. O. Box 3812
Durango, Colorado**

Attention: H. P. Halsey, Dist. Supt.

Gentlemen:

On May 23, 1963, a general inspection was made of the Durango Oil Field in Durango County, Utah.

It was observed that operating conditions were generally satisfactory except for exposed oil pits at almost every producing well site. These pits contain a high pour-point crude and could be classified as potentially hazardous, particularly with respect to livestock. It is therefore recommended that they be flared, fenced or covered at your earliest convenience.

Upon the completion of tests presently being conducted at your No. 6 well location, with liquid carbon dioxide, please inform this Commission of the results of said tests.

Your consideration with respect to the contents of this letter will be appreciated.

Very truly yours,

OIL & GAS COMMISSION UTAH

**PAUL W. MURPHY
CHIEF PETROLOGICAL ENGINEER**

PWB:hw

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CONTINENTAL OIL COMPANY

200 North Wolcott
Casper, Wyoming 82601
March 21, 1968

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

Gentlemen:

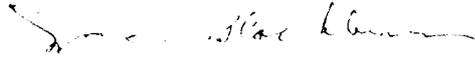
The Continental Oil Company, effective 7:00 A.M. March 1, 1968, sold the following leases in Duchesne County, Utah to Mr. Ned G. Coltharp, P.O. Box 534, Roosevelt, Utah.

UTE Indian Tribe, I-08-Ind-5351, dated 10-21-49, covering only: $W\frac{1}{2}NE\frac{1}{4}$; $W\frac{1}{2}NW\frac{1}{4}$; $E\frac{1}{2}SW\frac{1}{4}$ - Section 16, $W\frac{1}{2}NE\frac{1}{4}$; $W\frac{1}{2}NW\frac{1}{4}$ - Section 17, T-4S., R-4W.

SMITH LEASE, covering only: $E\frac{1}{2}NE\frac{1}{4}$ - Section 28, T-4S., R-4W.

The leases cover approximately 480 acres from the surface to the top of the "P" marker, picked at 3,564 feet on the Gamma Ray neutron log of the Conoco-Duchesne Well No. 6, located on Section 17, T-4S., R-4W., Duchesne County, Utah.

Very truly yours,


J. E. Whitman
Assistant Division Manager
Production Department
Casper Division

jgb

cc:
Ned G. Coltharp
Roosevelt, Utah

AC current heats heavy oil for extra recovery



15-second summary

Resistance of formation fluid around wellbore converts electric current to heat to stimulate flow of highly viscous crude. One result: electrothermic completion increased production of 8° gravity crude 300% in one field test. Average price: \$2-\$3 a foot more than normal completion cost.

A NEW THERMAL RECOVERY SYSTEM, which applies electric energy directly to oil reservoirs, has proven successful in field tests.

The system is the result of six years research and development by the Electrothermic Co. of Corpus Christi, Texas, aimed at increasing recovery of high viscosity crude.

The "electrothermic heating" process uses an isolated un-grounded AC current applied directly to the reservoir around the well bore. Heat is generated from resistance of the oil-bearing formation to current flow, and viscosity of heavy oils is reduced to improve flow into the well.

Recent successful field tests have led to several joint interest ventures—projects which may prove the feasibility of the new heavy oil recovery process.

HOW IT WORKS

The system applies electric current directly into an oil reservoir through a specially designed electrode. Connate reservoir water is the current carrier and resistance heating element. Heat then is exchanged with the oil in contact with the connate water.

This heat exchange is continuous during production, as unheated oil flows into the heating area to replace produced oil. Flow of electricity (flow

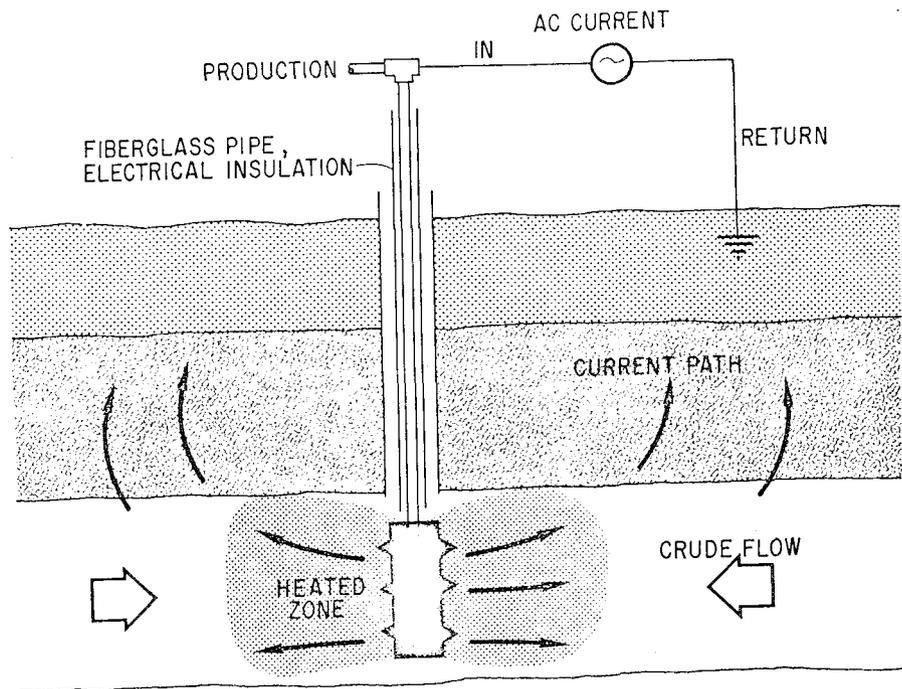


FIG. 1—Electrothermic process uses continuous flow of single phase AC current to heat formation around wellbore. Viscosity of heavy crude is reduced, improving flow. Current flows through steel tubing into special electrode formed by packing steel shot into open hole notched formation. Tubing is electrically insulated with concentric string of fiberglass pipe. Current disperses into the earth beyond the heating zone and returns to the surface to complete the circuit. Heat results from resistance of semi-conductive reservoir fluids in the area where current intensity is greatest.

of heat) is opposite the direction of oil flow, with no interference between the two. The process is thus one of continuous heating and production (Fig. 1).

Resistance causes heat. Basic principle of the process is illustrated by resistivity curves on an ordinary electric log. Most formations penetrated by a typical well are shales which have little resistance to electric current flow. But a formation that contains oil causes the curves to swing sharply to

the right, indicating high resistivity (Fig. 2).

The effect depicted by the log is that of a heating element connected to a single, low-resistance conductor. The oil-bearing formation is the "heating element" and the earth is the "single conductor."

When the circuit is completed, using an induced single-phase AC current, this isolated current is dissipated by resistance of the reservoir, producing 3,413 Btu per kilowatt-hour.

For this system to work, conduc-

Advantages of the electrothermic process . . .

- ▶ **Efficiency.** Nearly all electrical power is converted to heat in the producing formation and produced crude. Power loss of 10-15% in the tubing creates useful heat to reduce friction of viscous crude.
- ▶ **Realistic power costs.** In cases where the process is applicable to stimulation of viscous/high pour-point crudes, power costs average 20-45 cents per barrel.
- ▶ **Low installation costs.** Depending on supply of single-phase AC power, the system can be added to a normal well completion for additional cost of \$2-\$3 per foot.
- ▶ **Deep well capability.** Existing systems can be extended to depths of 8,000 feet without significant current loss. With modifications, deeper completions are possible.

- ▶ **Continuous operation.** Heating process continues while well is being pumped. Rods and pump help conduct current to reservoir. Heat exchange to incoming crude maintains improved mobility of crude in the well.

Limitations of the process . . .

- ▶ **Reservoir energy** must be great enough to move crude to wellbore. Extremely low BHP areas may require excessive power.
- ▶ **Shale interbedding** may adversely affect electrical circuitry. Conductive shale zones reduce the reservoir's gross resistance, and lessen conversion of electrical energy to heat.
- ▶ **No "cure-all" claims** are made for the process as a solution to high viscosity oil problems. Prospects must be evaluated for basic requirements to assess economic feasibility.

hole and notches, and extend up into casing liner annulus after the screen and liner were in place.

A stainless steel screen assembly with a bottom wash plug was washed into the shot close to bottom of the hole. The asbestos packer was set, running pipe disengaged and excess shot washed out.

After pipe was removed, fiberglass tubing serving as an electrical insulator was run to a point 12 feet above the packer. The fiberglass tubing was hung in a separate threaded connection in the wellhead (Fig. 3).

Finally, steel tubing with tail pipe, seating nipple, etc. was run through the fiberglass pipe and into the screen assembly. Special spring-loaded contactors make an electrical connection between tubing and the screen which is imbedded in electrode material. With the heating circuit complete, a 20-day initial heat-up period was started.

Installation cost. This description of a typical installation shows that cost of an electrothermic completion is not excessive. Cost, over and above normal completion, normally averages \$2-\$3 per foot. In areas where rural electric power is not available, cost of an engine-generator set would be added to this figure.

FIELD TESTS

This method of direct reservoir heating has produced some notable results in 3½ years of field testing, especially in fields where conventional thermal recovery methods have failed.

One test was made in the 3,000-foot D zone of Little Tom field, Zavala County, Texas, where gravity of as-

phaltic base crude is 8°-12.5° API. A test well was drilled offsetting a site where steam recovery was unsuccessfully tried in 1961. After two months of heating, the well was placed on pump for 70 bopd with a surface temperature of 180° F. Mechanical failures temporarily suspended this test.

Tampico, Mexico. Petroleos Mexicanos (Pemex) is testing its Cacalilao 274D well, which was recently completed, for electrothermic stimulation. This well replaced a pumping well which averaged 10 bopd at 1,500 feet. The new well, produced by gas lift at varying injection rates, has tested from 68 to 186 bopd, and potential is estimated at 200 bopd. Asphaltic crude gravity is 14° API. Wellhead temperature is 190° F and calculated BHT is 250° F.

Success in this well, despite a relatively poor pay section, is attributed to higher gravity compared to other tests in viscous oils of only 8° to 10° API.

Pemex is reportedly satisfied with the process and is considering 20 additional electrothermic completions this year. A second well, Cacalilao 31D, is being completed.

Lost Cabin field, Wyoming. Pour point of crude in this field is 93° F at 3,305 to 3,362 feet. Drive is from solution gas, and BHP is very low. The average well in the field produces 3 to 5 bopd.

A well was completed in November 1968, and production was started after heating one month. The well produced 33 bopd for four months, then stabilized at 17 bopd.

Pressure build-up tests showed the reservoir was damaged during completion and that BHP was too low to give the calculated rate of production. However, production is still 300% higher than typical wells in the area.

Temperature surveys prove effectiveness of the system as a heat source. A survey of the Lost Cabin field well was run after several months production (Fig. 4). Due to reduced diameter of the electrode assembly, the temperature bomb could be lowered only 6 feet into the producing zone.

This survey shows that minimal heat is lost to the formation above the reservoir. From surface to a point near the producing zone, well bore temperature is only 20° F above geothermal gradient.

Near top of the sand, a sharp temperature increase occurs, and at 3,310 feet, 5 feet into the pay zone, well bore temperature is 158° F. From this curve, temperature at mid-point in the electrode was calculated to be 200° F. Normal reservoir temperature at this depth is 100° F.

Additional information is expected from six major installations in progress. These tests involve varying reservoir characteristics associated with heavy oil production in the Rocky Mountain region, Texas and Mexico.

ACKNOWLEDGMENT

The editors of *WORLD OIL* are grateful for the help of the following in preparing this article: Mr. Forrest Garb, vice president, H. J. Gruy and Associates, Dallas, Texas; Dr. Robert L. Whiting, Technical Consultant Group, College Station, Texas; Mr. William G. Gill, president, Electrothermic Co., Corpus Christi, Texas. Special thanks is also due Mr. Jesus Morales, engineer in charge, Petroleos Mexicanos, for information contributed. □

Sun Oilfield Service

SUB-SURFACE SURVEY

Company Montana Western Exporation, Inc. Duchesne Field Duchesne Lease and Well # 7
County Duchesne State Utah Date May, 7, 1976

T. D. Formation
Elevation Zero at Csg. Flange Casing
Perforation Tubing
Datum Point 2863'

TEMPERATURE SURVEY

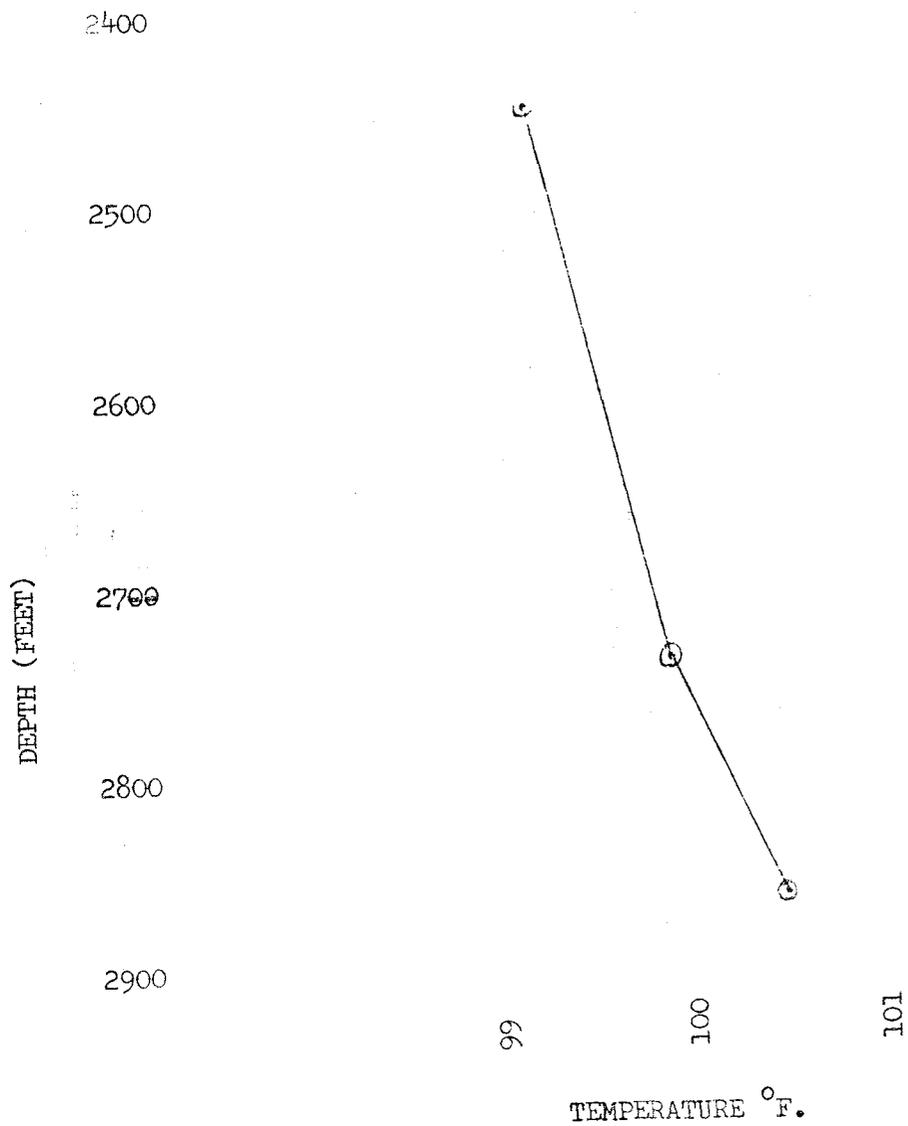
<u>DEPTH (FEET)</u>	<u>TEMPERATURE °F.</u>
2450	99.2
2740	99.9
2863	100.5



Remarks:

1. Could not survey below 2863' - Fillup in hole.
2. Temperature Element # Amerada 37930 - 50-250°F.

Montana Western Explor. Inc.
Duchesne - Well # 7
Temperature Survey
May, 7, 1976



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN THE STATE
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

1-109-IND-5351

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Ute

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Duchesne 5351

9. WELL NO.

7

10. FIELD AND POOL, OR WILDCAT

Duchesne

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

Sec. 17 2 4S

12. COUNTY OR PARISH | 13. STATE

Duchesne

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Intermountain Oil Company *Colhart*

3. ADDRESS OF OPERATOR
Box 86, Woods Cross, Utah 84087

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface
2085 Ft. So. of No. Line and 660 Ft. E. of N. Line of section 17



14. PERMIT NO. | 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
GR. 5954

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other)

FILL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)

REPAIRING WELL
ALTERING CASING
ABANDONMENT*

Installed electric heating Device
(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.)*

- April 26, 1976 Moved Rig on location.
- April 27, 1976 Circulated hot water around back ride through tubing, 200° F clear water 750# pressure to complete.
- April 28, 1976 Pulled rods and tub.
- April 29, 1976 Moved rig off location waiting on new tubing.
- May, 4, 1976 Moved single drilling rig on location.
- May 7, 1976 Run tub to tag bottom 300 + fee of fill up. (See Appendix A)
- May 8, 1976 Start drilling fill-up out of hole w/ 8 lb. salt water shale day light operations.
- May 9, 1976 Drilling day light operations.
- May 10, 1976 Ran casing scraper 7 5/8" long string to 2354 feet.

(cont. on back)

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

SIGNED *Bob [Signature]* TITLE *Field Sup*

DATE *May 17, 1976*

(This space for Federal or State office use)

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

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law 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.

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 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

- May 11, 1976 Ran installed 27/8" tubing with centerliners
2 per joint. (2895.27 feet)
- May 12, 1976 Ran rods, pump, plunger, type, 2 1/2 in. X 4 foot with
standing valve.
- May 13, 1976 Circulated salt water out with clear water topped with
2,000 gal desil.
- May 14, 1976 Installed surface equipment for heating device.
(See Appendix B)

680-160
GHD

POZZOLAN PORTLAND CEMENT CO. & FRIAR OIL CO.

A Wholly Owned Subsidiary of Friar Oil Co.

BACCUS DIVISION

211 felt Bldg.
S. L. C., Utah 84111
Phone (801) 322-2726

PANACA DIVISION

P.O. Box 302
Panaca, Nevada 89042
Phone (702) 728-3193

HOME OFFICE: 211 FELT BLDG. • SALT LAKE CITY, UTAH 84111 PHONE (801) 322-2726
P. O. Box 276, Magna, Utah 84044



27 July 1978

State of Utah
Department of Natural Resources
Division of Oil, Gas & Mining
1588 West, North Temple
S.L.C., Utah 84116

Gentlemen:

Friar Oil Corporation does hereby advise you of a change of operator on its Duchesne Oil Field, lease # 31005351, effective 16 June 1978. All reports are to be filed by our new operator.

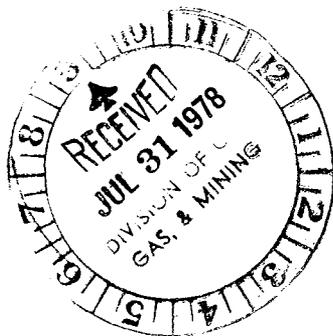
From - Intermountain Oil of
Woods Cross

295-2493

To - Robert P. Hill
Suite 400 Deseret Building
79 South Main
S.L.C., Utah 84111

Sincerely yours,

Brent L Rushton
BRENT L RUSHTON - President
Friar Oil Corporation
P.O. Box 276
Magna, Utah 84044



*Uta #3
" #5
" #6
" 7
" 8
Smith #1*

PORTLAND CEMENT CO. & FRIAR OIL CO.

A Wholly Owned Subsidiary of Friar Oil Co.

BACCUS DIVISION

211 Fell Bldg.

S. L. C., Utah 84111

Phone (801) 322-2726

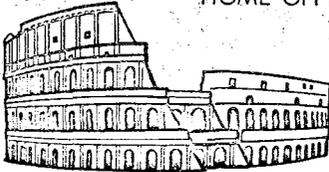
PANACA DIVISION

P.O. Box 302

Panaca, Nevada 89042

Phone (702) 728-3193

HOME OFFICE: ~~211 FELL BLDG. • SALT LAKE CITY, UTAH 84111~~ PHONE ~~(801) 322-2726~~
P. O. BOX 276, Magna, Utah 84044



11 August 1978

State of Utah
Department of Natural Resources
Division of Oil, Gas & Mining
1588 West, North Temple
S.L.C., Utah 84116

Gentlemen:

Please disregard our letter dated 27 July 1978 regarding a notice of a change of operator.

Please be advised that Intermountain Oil is no longer our operator and that all reports on our Duchesne Oil Field lease #31005351 will be filed by Friar Oil.

*34, 56, 7, 8
UT + M
SALT LAKE
28-1*

Sincerely yours,

Brent L. Rushton
BRENT L. RUSHTON - President
Friar Oil Corporation
P.O. BOX 276
Magna, Utah 84044





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

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

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

April 6, 1983

Arps Petroleum Company
10655 NE 4rth Street, # 616
Bellevue, Washington 98004

Re: Well No. 3, 4, 5, 6, 7, & 8
Sec. 16 & 17, T. 4S, R. 4W.
Duchesne County, Utah

Gentlemen:

According to production reports received from your company, this well is now operated by you. We have not received the proper information stating that your company is now operator of this well. If you have resumed operations on this well, it is your responsibility as current operator to submit those changes to this office. Please send in those changes stated on a Sundry Notice OGC-1b (enclosed). If your company has not taken over responsibility of this well, please explain why your office is sending in the reports for this well.

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

Thank you for your prompt attention to the above matter.

Respectfully,

DIVISION OF OIL, GAS AND MINING

A handwritten signature in cursive script that reads "Cari Furse".

Cari Furse
Well Records Specialist

CF/cf
Enclosures

Board/Charles R. Henderson, Chairman • John L. Bell • E. Steele McIntyre • Edward T. Beck
Robert R. Norman • Margaret R. Bird • Herm Olsen



ARPS Petroleum Co.

616 Seattle Trust Bldg • 10655 N.E. 4th
Bellevue, WA 98004 • (206) 454-1900

April 13, 1983

State of Utah Natural Resources & Energy
Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

Attn: Cari Furse

RE: Wells No. 3, 4, 5, 6, 7, 8; Sec. 17 & 17 T4S R4W

Dear Ms. Furse

This is to notify you that Arps Petroleum Company is the current operator of the wells referenced in your letter of April 4, 1983. We have operated these wells since August 18, 1981.

We apologize that you were not notified earlier of the change of operator on this lease. At the time we assumed operation, we were assured by our legal counsel that he would file notices with all interested governmental and regulatory agencies. Apparently your office was mistakenly overlooked.

If you will require any further information from us, please contact me at the address above.

Sincerely,

D. Bruce Morgan
Production Manager

DBM:lc



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

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

May 24, 1984

Arps Petroleum Company
10655 Ne 4th, Suite # 400
Bellview, WA. 98004

Gentlemen:

On May 3, 1984, a field inspection was made by the Division of Oil, Gas and Mining, at the well sites No. 3,4,5,6,8, in T. 4S, R. 4W, in Duchesne County, Utah, All of these wells have been shut in.

As per the Oil and Gas Conservation General Rules and Regulations, rule C-22, paragraphs 3 and 4, shut-in wells and temporarily abandon wells, said reports must be filed annually and must be filed on or before the sixtieth (16) day of January of each year.

As per this date we have not received any state reports for these wells. Your immediate attention concerning this matter, would be appreciated.

Sincerely,

Jim Thompson
Oil and Gas Field Specialist

JT/sb

cc: Ronald J. Firth, Associate Director

83130



ARPS Petroleum Co.

646 Seattle Trust Bldg • 40655 NE 4th •
Bellevue, WA 98004 • (206) 454-1900

3834 175th Ave. N.E., Suite 506
Redmond, WA 98052-5872

June 17, 1986

RECEIVED
JUN 23 1986

Vicky Carney
Production Specialist
State of Utah Natural Resources
Oil, Gas, & Mining
355 W. North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

DIVISION OF
OIL, GAS & MINING

Re: Arps Petroleum Company Ute Tribal Lease
Duchesne County, Utah
0399S-53, 0399S-13

Dear Ms. Carney:

With respect to your letters of June 3, please be advised that operations of this lease were taken over from Arps Petroleum Company by Friar Oil Company of Magna, Utah, in February, 1986.

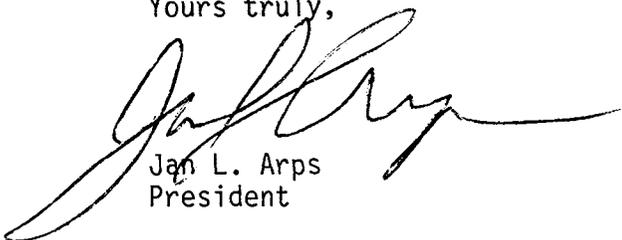
To the best of our knowledge, no oil or water was produced during February or March, 1986 from this lease.

Please send all future notices to:

Friar Oil Company
c/o Brent Rushton
P.O. Box 276
Magna, Utah 84044

Thank you very much.

Yours truly,



Jan L. Arps
President

JLA/1a

Duchesne Ute Tribal #7
45. 4W. 17

RECEIVED

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

AUG 23 1991

5. LEASE DESIGNATION AND SERIAL NO.
I 109IND 5351

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Ute Tribal

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT
3, 4, 5, 6, 7, & 8

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

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER #4 Injection

2. NAME OF OPERATOR
Friar Oil Corporation

3. ADDRESS OF OPERATOR
P.O. Box 276, Magna, Utah 84044

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
Sectionts 16 & 17 - T4S., R4W., U.S.M.

14. API NUMBER

15. ELEVATIONS (Show whether DF, NT, OR, etc.)

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

NOTICE OF INTENTION TO :		SUBSEQUENT REPORT OF :	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETION <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>Ownership Transfer</u> <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.)*

Transfer of title and ownership from Friar Oil Corporation to Coors Energy Company, P.O. Box 467, Golden, Colorado 80402. Effective date of transfer is August 21, 1991, by agreement of same date.

- 4301315319 09251 Ute Tribal #3 - T4S., R4W., U.S.M. Sec. 16: SW $\frac{1}{4}$ NE $\frac{1}{4}$
- 4301315321 10942 Ute Tribal #4 - T4S., R4W., U.S.M. Sec. 16: NE $\frac{1}{4}$ SW $\frac{1}{4}$
- 4301315322 09252 Ute Tribal #5 - T4S., R4W., U.S.M. Sec. 16: SW $\frac{1}{4}$ NW $\frac{1}{4}$
- 4301315323 09253 Ute Tribal #6 - T4S., R4W., U.S.M. Sec. 17: SW $\frac{1}{4}$ NE $\frac{1}{4}$
- 4301315324 09254 Ute Tribal #7 - T4S., R4W., U.S.M. Sec. 17: SW $\frac{1}{4}$ NW $\frac{1}{4}$
- 4301330028 09255 Ute Tribal #8 - T4S., R4W., U.S.M. Sec. 16: NW $\frac{1}{4}$ NW $\frac{1}{4}$

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

SIGNED Brent Rushton TITLE President DATE August 22, 1991

(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

6. Lease Designation and Serial Number I-109-IND-5351
7. Indian Allottee or Tribe Name Ute Tribe
8. Unit or Communitization Agreement ----
9. Well Name and Number Ute Tribal No. 7
10. API Well Number 45-013-15324
11. Field and Pool, or Wildcat Duchesne

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

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify) Shut in oil well	
2. Name of Operator Coors Energy Company	
3. Address of Operator PO Box 467, Golden, Colorado 80402	4. Telephone Number (303)278-7030
5. Location of Well Footage 2085'FNL, 660'FWL, SW/NW QQ, Sec, T., R., M. : T4S-R4W, Section 17 County : Duchesne State : UTAH	

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

NOTICE OF INTENT (Submit in Duplicate)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandonment <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____	<input type="checkbox"/> Abandonment * <input type="checkbox"/> Casing Repair <input type="checkbox"/> Change of Plans <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Other _____
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recompletion <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Shoot or Acidize <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate Date Work Will Start _____	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.)

This is to notify you that Coors Energy Company became owner of the above named well on August 21, 1991. Friar Oil Company was the previous owner.

RECEIVED
SEP 03 1991
DIVISION OF OIL GAS & MINING

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

Name & Signature <i>D.S. Sprague</i> (State Use Only)	Manager - Engineering/Operations Title	Date 8/28/91
---	--	-----------------

FRIAR OIL CORPORATION



P.O. BOX 276 MAGNA, UTAH, PHONE (801) 977-9888

RECEIVED

SEP 30 1991

DIVISION OF OIL GAS & MINING

9-27-91

State Of Utah
Natural Resources
Oil, Gas & Mining
3 Triad Center, Suite 350
Salt Lake City, utah 84180-1203

Gentlemen:

Please be advised that the following property has been transferred to Coors Energy as of 8-21-91.

Ute Tribal - 3	4301315319	09251	- Sec. 16, T. 45, R. 4W
4	4301315321	10942	" "
5	4301315322	09252	" "
6	4301315323	09253	- Sec. 17, T. 45, R. 4W
7	4301315324	09254	" "
8	4301330028	09255	- Sec. 16, T. 45, R. 4W

Coors Energy Co.
P.O. Box 4670
Golden, Colorado 80402

Sincerely,

Brent Rushton
Friar oil

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985
LEASE DESIGNATION AND SERIAL NO

I-109-IND-5351

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Ute Tribe

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Ute Tribal No. 7

9. WELL NO.
No. 7

10. FIELD AND POOL, OR WILDCAT
Duchesne

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 17, T4S-R4W

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER Shut in oil well

2. NAME OF OPERATOR
Coors Energy Company

3. ADDRESS OF OPERATOR
PO Box 467, Golden, Colorado 80402

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface
2085'FNL, 660'FWL, SW/NW

14. PERMIT NO.
43-013-15324

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5944'GL

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

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

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

7. 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.)

This is to notify you that Coors Energy Company became owner of the above named well on August 21, 1991. Friar Oil Company was the previous owner.

RECEIVED
FEB 24 1992
DIVISION OF
OIL GAS & MINING

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

SIGNED D.S. Sprague TITLE Manager - Engineering/Operations DATE 8/28/91

(This space for Federal or State office use)

APPROVED BY [Signature] TITLE ASSISTANT DISTRICT DATE FEB 21 1992

CONDITIONS OF APPROVAL, IF ANY

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on re-
verse side)

FORM APPROVED
OMB NO. 1004-0135
Expires: September 30, 1990

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 #4 Injection		5. LEASE DESIGNATION AND SERIAL NO. I 109IND 5351
2. NAME OF OPERATOR Friar Oil Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Ute
3. ADDRESS OF OPERATOR P.O. Box 276, Magna, Utah 84044		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 Sections 16 & 17 - T4S., R4W., U.S.M.		8. FARM OR LEASE NAME Ute Tribal
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, CR, etc.)	9. WELL NO. 3,4,5,6,7 & 8
		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:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input checked="" type="checkbox"/> Ownership Transfer	

(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.)*

Transfer of title and ownership from Friar Oil Corporation to Coors Energy Company, P.O. Box 467, Golden, Colorado 80402 Effective date of transfer is August 21, 1991, by agreement of same date.

4301315319 Ute Tribal #3 T4S., R4W., U.S.M. Sec. 16: SW $\frac{1}{4}$ NE $\frac{1}{4}$
 4301315321 Ute Tribal #4 T4S., R4W., U.S.M. Sec. 16: NE $\frac{1}{4}$ SW $\frac{1}{4}$
 4301315322 Ute Tribal #5 T4S., R4W., U.S.M. Sec. 16: SW $\frac{1}{4}$ NW $\frac{1}{4}$
 4301315323 Ute Tribal #6 T4S., R4W., U.S.M. Sec. 17: SW $\frac{1}{4}$ NE $\frac{1}{4}$
 4301315324 Ute Tribal #7 T4S., R4W., U.S.M. Sec. 17: SW $\frac{1}{4}$ NW $\frac{1}{4}$
 4301330028 Ute Tribal #8 T4S., R4W., U.S.M. Sec. 16: NW $\frac{1}{4}$ NW $\frac{1}{4}$

RECEIVED

FEB 24 1992

DIVISION OF
OIL GAS & MINING

AUG 22 1991
Received
DOI-BLM
Vernal, Utah

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

SIGNED Brent Rushton TITLE President DATE August 22, 1991

(This space for Federal or State use)

APPROVED BY [Signature] TITLE ASSISTANT DISTRICT MANAGER MINERAL DATE FEB 21 1992

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Routing:

1-	LCR 614 ✓
2-	DTS 13 ✓
3-	VLC ✓
4-	RJF ✓
5-	RWM ✓
6-	LCR ✓

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-21-91)

TO (new operator)	<u>COORS ENERGY</u>	FROM (former operator)	<u>FRIAR OIL CO.</u>
(address)	<u>P. O. BOX 467</u>	(address)	<u>P. O. BOX 267</u>
	<u>GOLDEN, CO 80402-0467</u>		<u>MAGNA, UT 84044</u>
			<u>BRENT RUSHTON, PRES.</u>
	<u>phone (303) 278-7030</u>		<u>phone (801) 977-9888</u>
	<u>account no. N 5090</u>		<u>account no. N 1280</u>

Well(s) (attach additional page if needed): **(ALL WELLS LEASE #I-109-IND-5351)**

Name: <u>UTE TRIBAL #3/GRRV</u>	API: <u>43-013-15319</u>	Entity: <u>09251</u>	Sec <u>16</u> Twp <u>4S</u> Rng <u>4W</u>	Lease Type: <u>INDIAN</u>
Name: <u>UTE TRIBAL #4/UNTA</u>	API: <u>43-013-15321</u>	Entity: <u>10942</u>	Sec <u>16</u> Twp <u>4S</u> Rng <u>4W</u>	Lease Type: <u>INDIAN</u>
Name: <u>UTE TRIBAL #5/GRRV</u>	API: <u>43-013-15322</u>	Entity: <u>09252</u>	Sec <u>16</u> Twp <u>4S</u> Rng <u>4W</u>	Lease Type: <u>INDIAN</u>
Name: <u>UTE TRIBAL #6/GRRV</u>	API: <u>43-013-15323</u>	Entity: <u>09253</u>	Sec <u>17</u> Twp <u>4S</u> Rng <u>4W</u>	Lease Type: <u>INDIAN</u>
Name: <u>UTE TRIBAL #7/GRRV</u>	API: <u>43-013-15324</u>	Entity: <u>09254</u>	Sec <u>17</u> Twp <u>4S</u> Rng <u>4W</u>	Lease Type: <u>INDIAN</u>
Name: <u>UTE TRIBAL #8/GRRV</u>	API: <u>43-013-30028</u>	Entity: <u>09255</u>	Sec <u>16</u> Twp <u>4S</u> Rng <u>4W</u>	Lease Type: <u>INDIAN</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 8-23-91)*
2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Req. 9-3-91) (Rec'd 9-3-91)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____.
4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(2-26-92)*
6. Cardex file has been updated for each well listed above. *(2-26-92)*
7. Well file labels have been updated for each well listed above. *(2-26-92)*
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(2-26-92)*
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- 2. A copy of this form has been placed in the new and former operators' bond files.
- 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date March 11 1992. If yes, division response was made by letter dated March 11 1992.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated March 11 1992, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- 2. Copies of documents have been sent to State Lands for changes involving State leases.

MICROFILMING

- 1. All attachments to this form have been microfilmed. Date: March 11 1992.

FILED

- 1. Copies of all attachments to this form have been filed in each well file.
- 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

- 910903 Bfm/Vernal "Have not approved as of yet. Still being reviewed."
- 910916 Bfm/Vernal "Not approved yet - check back approx. 2 weeks."
- 911024 Bfm/Vernal "Not approved as of yet."
- 911125 Bfm/Vernal " " "
- 911231 Bfm/Vernal " " "
- 91134-35
- 920226 Bfm Approved 2-21-92.



UTAH
NATURAL RESOURCES
Oil, Gas & Mining

355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. • (801-538-5340)

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• MARYELLEN VIALPANDO
COORS ENERGY
PO BOX 467
GOLDEN CO 80402-0467

Utah Account No. N5090

Report Period (Month/Year) 7 / 92

Amended Report

Well Name API Number Entity Location	Producing Zone	Days Oper	Production Volume		
			Oil (BBL)	Gas (MSCF)	Water (BBL)
UTE TRIBAL #1 ✓4301320045 05595 04S 04W 9	GRRV		I-107-IND-5351		
UTE TRIBAL 4-18D 4301330838 08413 04S 04W 18	WSTC		"		
DUCHESNE UTE TRIBAL #3 ✓4301315319 09251 04S 04W 16	GRRV		"		
DUCHESNE UTE TRIBAL #5 ✓4301315322 09252 04S 04W 16	GRRV		"		
DUCHESNE UTE TRIBAL #6 ✓4301315323 09253 04S 04W 17	GRRV		"		
DUCHESNE UTE TRIBAL #7 ✓4301315324 09254 04S 04W 17	GRRV		"		
DUCHESNE UTE TRIBAL #8 ✓4301330028 09255 04S 04W 16	GRRV		"		
UTE TRIBAL 4-4 ✓4301330848 09375 05S 03W 4	GRRV		14-20-H62-3503		
UTE TRIBAL 3-4 ✓4301330878 09375 05S 03W 4	GRRV		"		
UTE TRIBAL #6-4 ✓4301331100 09375 05S 03W 4	GRRV		"		
UTE TRIBAL 2-20 ✓4301330882 09377 05S 03W 20	GRRV		14-20-H62-3515		
UTE TRIBAL #3-20 ✓4301331175 09377 05S 03W 20	GRRV		"		
UTE TRIBAL 1-10 ✓4301330805 09378 05S 03W 10	GRRV		14-20-H62-3509		
TOTAL					

Comments (attach separate sheet if necessary) _____

I have reviewed this report and certify the information to be accurate and complete. Date _____

Authorized signature _____ Telephone _____



P.O. BOX 467 GOLDEN, COLORADO 80401

September 1, 1992

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

RECEIVED

SEP 04 1992

DIVISION OF
OIL, GAS & MINING

Attn: Mr. Ron Firth

Dear Mr. Firth:

This letter is to advise you that effective September 1, 1992 Coors Energy Company has sold its oil and gas properties located in Duchesne County, Utah to the following Company:

Evertson Oil Company, Inc.
P.O. Box 397
Kimball, Nebraska 69145
Mr. Bruce F. Evertson, President
Phone No.: (308) 235-4871

The sale includes the following wells:

<u>WELL NAME</u>	<u>API NO.</u>
✓State 2-6	43-013-30891
✓Ute Tribal 1	43-013-20045
✓Ute Tribal 1-10	43-013-30805
✓Ute Tribal 1-10D	43-013-31211
✓Ute Tribal 1-15	43-013-30880
✓Ute Tribal 1-15D	43-013-30712
✓Ute Tribal 1-16	43-013-30804
✓Ute Tribal 1-17	43-013-30790
✓Ute Tribal 1-18	43-013-30761
✓Ute Tribal 1-19	43-013-30803
✓Ute Tribal 1-20	43-013-30764
✓Ute Tribal 1-20D	43-013-31239
✓Ute Tribal 1-21	43-013-30883
✓Ute Tribal 1-24D	43-013-31234

<u>WELL NAME</u>	<u>API NO.</u>
✓Ute Tribal 1-28	43-013-30802
✓Ute Tribal 1-29	43-013-30763
✓Ute Tribal 1-3	43-013-30823
✓Ute Tribal 1-30	43-013-30852
✓Ute Tribal 1-32	43-013-30853
✓Ute Tribal 1-33	43-013-30806
✓Ute Tribal 1-3D	43-013-31242
✓Ute Tribal 1-4	43-013-30762
✓Ute Tribal 1-5	43-013-30785
✓Ute Tribal 1-6	43-013-30793
✓Ute Tribal 1-7	43-013-30788
✓Ute Tribal 1-7D	43-013-31198
✓Ute Tribal 1-8	43-013-30759
✓Ute Tribal 2-10	43-013-31187
✓Ute Tribal 2-10D	43-013-31219
✓Ute Tribal 2-15D	43-013-31200
✓Ute Tribal 2-16	43-013-31166
Ute Tribal 2-18	43-013-
Ute Tribal 2-18D	43-013-30881
✓Ute Tribal 2-20	43-013-30882
✓Ute Tribal 2-29	43-013-30849
✓Ute Tribal 2-3	43-013-31097
✓Ute Tribal 2-31	43-013-31188
✓Ute Tribal 2-4	43-013-30879 (w/w)
✓Ute Tribal 2-5	43-013-30824
✓Ute Tribal 2-7	43-013-30825
✓Ute Tribal 2-8	43-013-30826
✓Ute Tribal 2-8D	43-013-31199
✓Ute Tribal 2-9	43-013-30789
✓Ute Tribal 3	43-013-15319
✓Ute Tribal 3-10D	43-013-31217
✓Ute Tribal 3-20	43-013-31175
✓Ute Tribal 3-29	43-013-30850
✓Ute Tribal 3-4	43-013-30878
✓Ute Tribal 3-5-E3	43-013-30938
✓Ute Tribal 3-7	43-013-30828
✓Ute Tribal 3-8	43-013-31101
✓Ute Tribal 4	43-013-15321
✓Ute Tribal 4-10D	43-013-31226
✓Ute Tribal 4-17D	43-013-31201
✓Ute Tribal 4-18	43-013-31099
✓Ute Tribal 4-18D	43-013-30838
✓Ute Tribal 4-29	43-013-30851
✓Ute Tribal 4-4	43-013-30848
✓Ute Tribal 4-5	43-013-31306
✓Ute Tribal 4-8	43-013-31164
✓Ute Tribal 4-9	43-013-31165
✓Ute Tribal 5	43-013-15322
✓Ute Tribal 5-18	43-013-31180
✓Ute Tribal 5-29-E3	43-013-30939

RECEIVED

SEP 04 1992

DIVISION OF
OIL GAS & MINING

Page 3
Change of Operator
Duchesne County, Utah

<u>WELL NAME</u>	<u>API NO.</u>
✓Ute Tribal 5-8	43-013-31307
✓Ute Tribal 6	43-013-15323
✓Ute Tribal 6-10D	43-013-31236
✓Ute Tribal 6-16D	43-013-31204
✓Ute Tribal 6-29	43-013-31305
✓Ute Tribal 6-4	43-013-31100
✓Ute Tribal 7	43-013-15324
✓Ute Tribal 7-16D	43-013-31221
✓Ute Tribal 7-29	43-013-31339
✓Ute Tribal 8	43-013-30028
✓Ute Tribal 8-16D	43-013-31220
✓Ute Tribal 1-21D	43-013-31347
✓Ute Tribal 1-22D	43-013-31349

On this date, we are also notifying the BLM, BIA and the Ute Tribe of this change of operator.

Would you please forward this letter on to anyone else at the State office who might need to have this information. Let us know if we can be of further assistance or if you have any questions.

Very truly yours,



Doug S. Sprague
Manager
Engineering & Operations

DSS:kr

RECEIVED

SEP 04 1992

DIVISION OF
OIL GAS & MINING

EVERTSON OIL COMPANY, INC.
P. O. BOX 397
KIMBALL, NE 69145
308/235-4871

RECEIVED

SEP 25 1992

DIVISION OF
OIL, GAS & MINING

September 21, 1992

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

Dear Lisha:

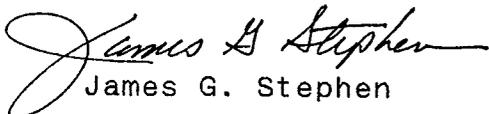
Enclosed please find a listing of wells purchased from Coors Energy Company. These are all the wells on which Evertson Oil Company, Inc. will be taking over operations effective September 1, 1992.

I assume that Coors Energy Company has submitted the change of operator forms as required.

I will be forwarding the bonding information required by the U.S. Department of Interior, Bureau of Indian Affairs, as soon as that information is available.

Should you have any questions or need additional information, please let me know.

Sincerely,


James G. Stephen

JGS/iks
enc.

/9258

EVERTSON OIL COMPANY, INC.
SCHEDULE OF WELLS

Well Number	Well Name	State	County	Township	Range	Section	Quadrant
1510103	Ute Tribal 1-3	Utah	Duchesne	5S	3W	3	SW/SW
1510104	Ute Tribal 1-4	Utah	Duchesne	5S	3W	4	NE/NE
1510105	Ute Tribal 1-5	Utah	Duchesne	5S	3W	5	NW/NE
1510106	Ute Tribal 1-6	Utah	Duchesne	5S	3W	6	SE/SE
1510107	Ute Tribal 1-7	Utah	Duchesne	5S	3W	7	SE/SW
1510108	Ute Tribal 1-8	Utah	Duchesne	5S	3W	8	NW/NW
1510110	Ute Tribal 1-10	Utah	Duchesne	5S	3W	10	NW/NW
1510115	Ute Tribal 1-15	Utah	Duchesne	5S	3W	15	NW/NW
1510116	Ute Tribal 1-16	Utah	Duchesne	5S	3W	16	SE/SE
1510117	Ute Tribal 1-17	Utah	Duchesne	5S	3W	17	NE/NE
1510118	Ute Tribal 1-18	Utah	Duchesne	5S	3W	18	NE/NE
1510119	Ute Tribal 1-19	Utah	Duchesne	5S	3W	19	SE/SE
1510120	Ute Tribal 1-20	Utah	Duchesne	5S	3W	20	NW/NE
1510121	Ute Tribal 1-21	Utah	Duchesne	5S	3W	21	SW/SW
1510128	Ute Tribal 1-28	Utah	Duchesne	5S	3W	28	SW/NW
1510129	Ute Tribal 1-29	Utah	Duchesne	5S	3W	29	NE/SE
1510130	Ute Tribal 1-30	Utah	Duchesne	5S	3W	30	SW/NE
1510132	Ute Tribal 1-32	Utah	Duchesne	5S	3W	32	SE/NE
1510133	Ute Tribal 1-33	Utah	Duchesne	5S	3W	33	NW/NW
1510203	Ute Tribal 2-3	Utah	Duchesne	5S	3W	3	SE/SW
1510204	Ute Tribal 2-4	Utah	Duchesne	5S	3W	4	SW/NE
1510205	Ute Tribal 2-5	Utah	Duchesne	5S	3W	5	SW/SW
1510207	Ute Tribal 2-7	Utah	Duchesne	5S	3W	7	NE/NE
1510208	Ute Tribal 2-8	Utah	Duchesne	5S	3W	8	SW/NW
1510209	Ute Tribal 2-9	Utah	Duchesne	5S	3W	9	NE/NE
1510210	Ute Tribal 2-10	Utah	Duchesne	5S	3W	10	SW/NW
1510216	Ute Tribal 2-16	Utah	Duchesne	5S	3W	16	SW/SW
1510218	Ute Tribal 2-18	Utah	Duchesne	5S	3W	18	SE/NE
1510220	Ute Tribal 2-20	Utah	Duchesne	5S	3W	20	SW/NE
1510229	Ute Tribal 2-29	Utah	Duchesne	5S	3W	29	SE/SE
1510231	Ute Tribal 2-31	Utah	Duchesne	5S	3W	31	NE/NW
1510304	Ute Tribal 3-4	Utah	Duchesne	5S	3W	4	NE/SW

EVERTSON OIL COMPANY, INC.
SCHEDULE OF WELLS

Well Number	Well Name	State	County	Township	Range	Section	Quadrant
1510305	Ute Tribal 3-5-E3	Utah	Duchesne	5S	3W	5	NW/SE
1510307	Ute Tribal 3-7	Utah	Duchesne	5S	3W	7	SE/NE
1510308	Ute Tribal 3-8	Utah	Duchesne	5S	3W	8	NE/NW
1510320	Ute Tribal 3-20	Utah	Duchesne	5S	3W	20	SE/NW
1510329	Ute Tribal 3-29	Utah	Duchesne	5S	3W	29	SE/NW
1510404	Ute Tribal 4-4	Utah	Duchesne	5S	3W	4	SW/SW
1510405	Ute Tribal 4-5	Utah	Duchesne	5S	3W	5	SE/NE
1510408	Ute Tribal 4-8	Utah	Duchesne	5S	3W	8	NW/SW
1510409	Ute Tribal 4-9	Utah	Duchesne	5S	3W	9	SW/SE
1510418	Ute Tribal 4-18	Utah	Duchesne	4S	3W	18	NW/NE
1510429	Ute Tribal 4-29	Utah	Duchesne	5S	3W	29	NW/NW
1510508	Ute Tribal 5-8	Utah	Duchesne	5S	3W	8	SE/NW
1510518	Ute Tribal 5-18	Utah	Duchesne	5S	3W	18	NE/SE
1510529	Ute Tribal 5-29-E3	Utah	Duchesne	5S	3W	29	SW/NE
1510604	Ute Tribal 6-4	Utah	Duchesne	5S	3W	4	SE/SW
1510629	Ute Tribal 6-29	Utah	Duchesne	5S	3W	29	SE/NE
1510729	Ute Tribal 7-29	Utah	Duchesne	5S	3W	29	SE/NE
1520001	Ute Tribal 1	Utah	Duchesne	4S	4W	9	NW/SW
1520003	Ute Tribal 3	Utah	Duchesne	4S	4W	16	SW/NE
1520004	Ute Tribal 4	Utah	Duchesne	4S	4W	16	NE/SW
1520005	Ute Tribal 5	Utah	Duchesne	4S	4W	16	SW/NW
1520006	Ute Tribal 6	Utah	Duchesne	4S	4W	17	SW/NE
1520007	Ute Tribal 7	Utah	Duchesne	4S	4W	17	SW/NW
1520008	Ute Tribal 8	Utah	Duchesne	4S	4W	16	NW/NW
1520103	Ute Tribal 1-3D	Utah	Duchesne	4S	4W	3	SE/SE
1520107	Ute Tribal 1-7D	Utah	Duchesne	4S	4W	7	SE/SE
1520110	Ute Tribal 1-10D	Utah	Duchesne	4S	4W	10	SW/SE
1520115	Ute Tribal 1-15D	Utah	Duchesne	4S	4W	15	SW/NE
1520120	Ute Tribal 1-20D	Utah	Duchesne	4S	4W	20	SW/SW
1520121	Ute Tribal 1-21D	Utah	Duchesne	4S	4W	21	NE/NW
1520122	Ute Tribal 1-22D	Utah	Duchesne	4S	4W	22	NE/NW
1520124	Ute Tribal 1-24D	Utah	Duchesne	4S	5W	24	NW/NW
1520208	Ute Tribal 2-8D	Utah	Duchesne	4S	4W	8	NW/SE

EVERTSON OIL COMPANY, INC.
SCHEDULE OF WELLS

Well Number	Well Name	State	County	Township	Range	Section	Quadrant
1520210	Ute Tribal 2-10D	Utah	Duchesne	4S	4W	10	SW/4
1520215	Ute Tribal 2-15D	Utah	Duchesne	4S	4W	15	NW/NW
1520218	Ute Tribal 2-18D	Utah	Duchesne	5S	3W	18	SE/NE
1520310	Ute Tribal 3-10D	Utah	Duchesne	4S	4W	10	SE/SW
1520410	Ute Tribal 4-10D	Utah	Duchesne	4S	4W	10	NE/SE
1520417	Ute Tribal 4-17D	Utah	Duchesne	4S	4W	17	NW/SE
1520418	Ute Tribal 4-18D	Utah	Duchesne	4S	4W	18	NW/NW
1520610	Ute Tribal 6-10D	Utah	Duchesne	4S	4W	10	SE/NE
1520616	Ute Tribal 6-16D	Utah	Duchesne	4S	4W	16	NE/NW
1520716	Ute Tribal 7-16D	Utah	Duchesne	4S	4W	16	SE/NE
1520816	Ute Tribal 8-16D	Utah	Duchesne	4S	4W	16	NE/SE
1521009	Coyote Ute Tr. 10-9	Utah	Duchesne	4S	4W	9	NW/SE

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1- LOR/CLC
2- DTS/ST-LOR
3- VLC
4- RJF
5- RWM
6- ADA

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 9-01-92)

TO (new operator)	<u>EVERTSON OIL COMPANY INC</u>	FROM (former operator)	<u>COORS ENERGY</u>
(address)	<u>PO BOX 397</u>	(address)	<u>PO BOX 467</u>
	<u>KIMBALL, NEBRASKA 69145</u>		<u>GOLDEN, COLORADO 80402-0467</u>
	<u>BRUCE F. EVERTSON, PRES.</u>		<u>DOUG SPRAGUE, MGR</u>
	phone (<u>308</u>) <u>235-4871</u>		phone (<u>303</u>) <u>278-7030</u>
	account no. <u>N 6350 (11-24-92)</u>		account no. <u>N 5090</u>

Well(s) (attach additional page if needed):

Name: <u>*SEE ATTACHMENT</u>	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 9-4-92) (Reg. UIC Form 5)*
2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Reg. 9-14-92) (Rec'd 9-25-92)*
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes) (no) ____ If yes, show company file number: # 163850. *Eff. 8-24-92*
4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(11-25-92)*
6. Cardex file has been updated for each well listed above. *(12-3-92)*
7. Well file labels have been updated for each well listed above. *(11-25-92)*
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission.
9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- N/A 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- N/A 2. A copy of this form has been placed in the new and former operators' bond files.
- N/A 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date _____ 19____. If yes, division response was made by letter dated _____ 19____.

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
 DTS 12-7-92
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

- 1. All attachments to this form have been microfilmed. Date: _____ 19____.

FILING

- 1. Copies of all attachments to this form have been filed in each well file.
- 2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

921125 *Btm/Vernal "Operator still Coors Energy - Waiting on BIA approval."*

921125 *Operator changed per admin.*

PETROGLYPH GAS PARTNERS, L.P.

335 NORTH WASHINGTON • SUITE 140
P.O. BOX 1807 • HUTCHINSON, KS 67504-1807
(316) 665-8500 • FAX (316) 665-5961

VIA FACSIMILE (801) 359-3940

February 16, 1994

FEB 18 1994

Lisha Cordova
State of Utah
Division of Oil, Gas & Mining
3 Triad Center, Suite 350
355 West North Temple
Salt Lake City, Utah 84180-1203

Ms. Cordova:

This letter is to advise you that effective February 1, 1994 Evertson Oil Company, Inc. intends to sell and Petroglyph Gas Partners, L.P. intends to purchase oil and gas properties located in Duchesne County, Utah as identified below:

<u>Well Name</u>	<u>API No.</u>
State 2-6	43-013-30891
Ute Tribal 1	43-013-20045
Ute Tribal 1-10	43-013-30805
Ute Tribal 1-10D	43-013-31211
Ute Tribal 1-15	43-013-30880
Ute Tribal 1-15D	43-013-30712
Ute Tribal 1-16	43-013-30804
Ute Tribal 1-17	43-013-30790
Ute Tribal 1-18	43-013-30761
Ute Tribal 1-19	43-013-30803
Ute Tribal 1-20	43-013-30764
Ute Tribal 1-20D	43-013-31239
Ute Tribal 1-21	43-013-30883
Ute Tribal 1-24D	43-013-31234
Ute Tribal 1-28	43-013-30802
Ute Tribal 1-29	43-013-30763
Ute Tribal 1-3	43-013-30823
Ute Tribal 1-30	43-013-30852
Ute Tribal 1-32	43-013-30853
Ute Tribal 1-33	43-013-30806
Ute Tribal 1-3D	43-013-31242
Ute Tribal 1-4	43-013-30762
Ute Tribal 1-5	43-013-30785
Ute Tribal 1-6	43-013-30793
Ute Tribal 1-7	43-013-30788
Ute Tribal 1-7D	43-013-31198

Ute Tribal 1-8	43-013-30759
Ute Tribal 2-10	43-013-31187
Ute Tribal 2-10D	43-013-31219
Ute Tribal 2-15D	43-013-31200
Ute Tribal 2-16	43-013-31166
Ute Tribal 2-18	43-013-31166 <i>43-013-30281</i>
Ute Tribal 2-18D	43-013-30881 <i>43-013-31012/Drl.</i>
Ute Tribal 2-20	43-013-30882
Ute Tribal 2-29	43-013-30849
Ute Tribal 2-3	43-013-31097
Ute Tribal 2-31	43-013- 30827 <i>31188</i>
Ute Tribal 2-4	43-013-30879 <i>(w/w)</i>
Ute Tribal 2-5	43-013-30824
Ute Tribal 2-7	43-013-30825
Ute Tribal 2-8	43-013-30826
Ute Tribal 2-8D	43-013-31199
Ute Tribal 2-9	43-013-30789
Ute Tribal 3	43-013-15319
Ute Tribal 3-10D	43-013-31217 <i>(w/w) Has not comm.</i>
Ute Tribal 3-20	43-013-31175
Ute Tribal 3-29	43-013-30850
Ute Tribal 3-4	43-013-30878
Ute Tribal 3-5-E3	43-013-30938
Ute Tribal 3-7	43-013-30828
Ute Tribal 3-8	43-013-31101
Ute Tribal 4	43-013-15321 <i>(w/w)</i>
Ute Tribal 4-10D	43-013-31226
Ute Tribal 4-17D	43-013-31201
Ute Tribal 4-18	43-013-31099
Ute Tribal 4-18D	43-013-30838
Ute Tribal 4-29	43-013-30851
Ute Tribal 4-4	43-013-30848
Ute Tribal 4-5	43-013-31306
Ute Tribal 4-8	43-013-31164
Ute Tribal 4-9	43-013-31165
Ute Tribal 5	43-013-15322
Ute Tribal 5-18	43-013-31180
Ute Tribal 5-29-E3	43-013-30939
Ute Tribal 5-8	43-013-31307
Ute Tribal 6	43-013-15323
Ute Tribal 6-10D	43-013-31236
Ute Tribal 6-16D	43-013-31204
Ute Tribal 6-29	43-013-31305
Ute Tribal 6-4	43-013-31100
Ute Tribal 7	43-013-15324
Ute Tribal 7-16D	43-013-31221

Page 3
Change of Operator Notice
Duchesne County, Utah
February 16, 1994

Ute Tribal 7-29	43-013-31339 <i>(del)</i>
Ute Tribal 8	43-013-30028
Ute Tribal 8-16D	43-013-31220
Ute Tribal 1-21D	43-013-31347
Ute Tribal 1-22D	43-013-31349

Petroglyph Operating Company, Inc., a wholly owned subsidiary of Petroglyph Gas Partners, L.P., will be the operator of these properties. At this time, we request a state assigned operator number.

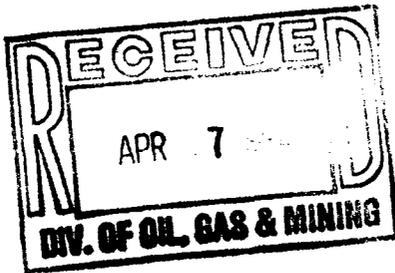
We are also notifying the BLM, BIA and the Ute Tribe regarding this change of operator. Please forward this letter to anyone in the State office who may need to have this information. If you have any questions or need further assistance, please feel free to contact me at (316) 665-8500.

Sincerely,



Angela R. Bare
Operations Administrator

ARB/ms



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF INDIAN AFFAIRS

BOND NO. B04528

COLLECTIVE BOND

KNOW ALL MEN BY THESE PRESENTS, That we, PETROGLYPH GAS PARTNERS, L. P. AND INLAND RESOURCES INC.,
OF: 335 North Washington, #170, Hutchinson, KS 67501, as principals
and PLANET INDEMNITY COMPANY
of 410 17th St., #1675, Denver, CO 80202, as surety, are held and firmly bound unto
the United States of America in the sum of seventy-five thousand dollars (\$75,000),
lawful money of the United States, for the payment of which, well and truly to be made,
we bind ourselves and each of us, our and each of our heirs, successors, executors,
administrators, and assigns, jointly and severally, firmly by these presents.

Sealed with our seals and dated this 16th day of March, 19 94.

The condition of this obligation is such that whereas the said principals, as lessee
have heretofore or may hereafter enter into or otherwise acquire an interest in oil and
gas mining leases on the Uintah and Ouray Reservation in the State of Utah, of various
dates and periods of duration, covering lands or interests in lands held by the United
States in trust for individual Indians, or bands or tribes of Indians, or subject to
restrictions against alienation without the consent of the Secretary of the Interior, or
his authorized representative, which leases and permits have been or may hereafter be
granted or approved by the Secretary of the Interior, or his authorized representative,
and the identification of which herein is expressly waived by both principals and
surety hereto.

WHEREAS the principals and surety agree that the coverage of this bond shall extend
to and include all extensions and renewals of the leases and permits covered by this
bond, such coverage to continue without any interruption due to the expiration of the
term set forth therein.

WHEREAS the surety hereby waives any right to notice of any modification of any
such lease or permit, or obligation thereunder whether effected by extension of time
for performance, by commitment of such lease to unit, cooperative, or communitization
agreement, by waiver, suspension, or change in rental, except an increase thereof, by
minimum royalty payment, except an increase thereof, by compensatory royalty payment,
or otherwise, this bond to remain in full force and effect notwithstanding.

WHEREAS the principals and surety agree that the neglect or forbearance of any
obligee under this bond in enforcing the payment of any rental or royalty or the
performance of any other covenant, condition, or agreement of any such lease or permit
shall not in any way release the principals and surety, or either of them, from
any liability under this bond; and

WHEREAS the principals and surety agree that in the event of any default under
any such lease or permit, the obligee may prosecute any claim, suit, action, or other
proceeding against the principals and surety, or either of them, without the
necessity of joining the other.

Now, if the said principal, herein shall faithfully carry out and observe all the obligations assumed in such leases and permits to which Petroglyph Gas Partners, L. P. and Inland Resources Inc. is now or may hereafter become a party, and shall observe all the laws of the United States and regulations made, or which shall be made thereunder, for the government of trade and intercourse with Indian tribes, and all rules and regulations that have been or shall hereafter be lawfully prescribed by the Secretary of the Interior relative to such mining leases and permits, and shall in all particulars comply with the provisions of such leases, permits, rules, and regulations, then this obligation shall be null and void; otherwise, to remain in full force and effect.

The rate of premium charged on this bond is \$ _____; the total premium paid is _____

Signed and sealed in the presence of

WITNESSES:*

By: *Dorinda L. Thode*)

P. O. _____)

By: *[Signature]*)

P. O. _____)

By: *Nancy Gray*)

8 Greenway Plaza Suite 400
Houston, TX 77046

By: *Sue Haas*)

8 Greenway Plaza, Suite 400
Houston, TX 77046

[Signature])

475 17th Street, Suite 1500

P. O. Denver, CO 80202)

Janet K. Specht)

475 17th Street, Suite 1500

P. O. Denver, CO 80202)

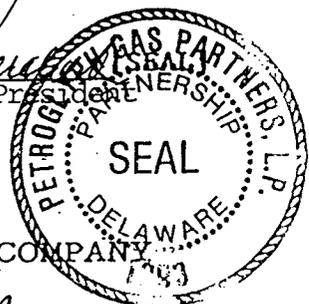
* Two witnesses to all signatures

PETROGLYPH GAS PARTNERS, L. P.

BY: PETROGLYPH ENERGY, INC.,
General Partner

as to

Robert C. Murdock
ROBERT C. MURDOCK, President



PLANET INDEMNITY COMPANY

as to

Mildred L. Massey [SEAL]
Mildred L. Massey, Attorney-in-Fact
410 17th Street, Suite 1675
Denver, CO 80202

INLAND RESOURCES, INC.

as to

Kyle B. Miller [SEAL]
KYLE B. MILLER, President

APPROVED:

DEPARTMENT OF THE INTERIOR
Bureau of Indian Affairs

Superintendent

GENERAL POWER OF ATTORNEY

CERTIFIED COPY

KNOW ALL MEN BY THESE PRESENTS: That PLANET INDEMNITY COMPANY, a corporation organized and existing under the laws of the State of Colorado, and having its principal office in the City of Denver, Colorado does hereby constitute and appoint:

MILDRED L. MASSEY

its true and lawful attorney-in-fact to execute, seal and deliver for and on its behalf as surety, any and all bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof, which are or may be allowed, required or permitted by law, statute, rule, regulation, contract or otherwise, in an amount not to exceed:

*****SEVENTY-FIVE THOUSAND AND NO/100 DOLLARS*****

and the execution of all such instrument(s) in pursuance of these presents, shall be binding upon said PLANET INDEMNITY COMPANY as fully and amply, to all intents and purposes, as if the same had been duly executed and acknowledged by its regularly elected officers at its principal office.

This Power of Attorney is executed, and may be certified to and may be revoked, pursuant to and by authority of Article V, Section 6(C) of the By-Laws adopted by the Board of Directors of PLANET INDEMNITY COMPANY, at a meeting called and held on this third day of March, 1987, of which the following is a true transcript of said Section 6(C):

- "The President or any Vice President, Assistant Vice President, Secretary or Resident Secretary shall have power and authority
- (1) To appoint Attorneys-in-fact, and to authorize them to execute on behalf of the Company, and attach the Seal of the Company thereto, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof, and
- (2) to appoint special Attorneys-in-fact, who are hereby authorized to certify to copies of any power-of-attorney issued in pursuance of this section and/or any of the By-laws of the Company, and
- (3) to remove, at any time, any such Attorney-in-fact or Special Attorney-in-fact and revoke the authority given to him."

Further, this Power of Attorney is signed and sealed by facsimile pursuant to resolution of the Board of Directors of said Company adopted at a meeting duly called and held on the third day of March, 1987, of which the following is a true excerpt:

"Now therefore the signatures of such officers and the seal of the Company may be affixed to any such power of attorney or any certificate relating thereto by facsimile, and any such power of attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by facsimile signatures and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached."

IN TESTIMONY WHEREOF, PLANET INDEMNITY COMPANY has caused this instrument to be signed and its corporate seal to be affixed by its authorized officer, E. H. Frank, III, on this the twenty eighth day of August, 1991.



E.H. Frank III
E.H. Frank, III

President

STATE OF COLORADO
COUNTY OF DENVER

On this 28th Day of August, 1991, before me came the individual who executed the preceding instrument, to me personally known, and, being duly sworn, said that he is the therein described and authorized officer of PLANET INDEMNITY COMPANY; that the seal affixed to said instrument is the Corporate Seal of said Company; that the said Corporate Seal and his signature were duly affixed by order of the Board of Directors of said Company.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal, at the city of Denver, Colorado, the day and year first above written.



Nancy J. Brenholz

Notary Public, Denver County, Colorado

CERTIFICATION

I, the undersigned officer of PLANET INDEMNITY COMPANY, do hereby certify that I have compared the foregoing copy of the Power of Attorney and affidavit, and the copy of the Section of the By-Laws of said Company as set forth in said Power of Attorney, and that the same are correct transcripts thereof, and of the whole of the said originals, and that the said Power of Attorney has not been revoked and is now in full force and effect.

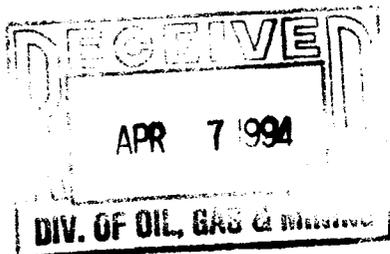
IN TESTIMONY WHEREOF, I have hereunto set my hand this 16th day of March, 1994



Greg E. Chilson
Greg E. Chilson

Assistant Secretary

Only a certified copy of Power of Attorney bearing the Certificate of Authority No. printed in red on the upper right corner is binding. Photocopies, carbon copies or other reproductions of this document are invalid and not binding upon the Company.
ANY INSTRUMENT ISSUED IN EXCESS OF THE PENALTY AMOUNT STATED ABOVE IS TOTALLY VOID AND WITHOUT VALIDITY.



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF INDIAN AFFAIRS

BOND NO. B04556

COLLECTIVE BOND

KNOW ALL MEN BY THESE PRESENTS, That we, PETROGLYPH OPERATING COMPANY, INC.
OF: 335 North Washington, Suite 170, Hutchinson, KS 67501, as principal
and PLANET INDEMNITY COMPANY
of 410 17th Street, #1675, Denver, CO 80202, as surety, are held and firmly bound unto
the United States of America in the sum of seventy-five thousand dollars (\$75,000),
lawful money of the United States, for the payment of which, well and truly to be made,
we bind ourselves and each of us, our and each of our heirs, successors, executors,
administrators, and assigns, jointly and severally, firmly by these presents.

Sealed with our seals and dated this 16th day of March, 19 94.

The condition of this obligation is such that whereas the said principal, as lessee
has heretofore or may hereafter enter into or otherwise acquire an interest in oil and
gas mining leases on the Uintah and Ouray Reservation in the State of Utah, of various
dates and periods of duration, covering lands or interests in lands held by the United
States in trust for individual Indians, or bands or tribes of Indians, or subject to
restrictions against alienation without the consent of the Secretary of the Interior, or
his authorized representative, which leases and permits have been or may hereafter be
granted or approved by the Secretary of the Interior, or his authorized representative,
and the identification of which herein is expressly waived by both principal and
surety hereto.

WHEREAS the principal and surety agree that the coverage of this bond shall extend
to and include all extensions and renewals of the leases and permits covered by this
bond, such coverage to continue without any interruption due to the expiration of the
term set forth therein.

WHEREAS the surety hereby waives any right to notice of any modification of any
such lease or permit, or obligation thereunder whether effected by extension of time
for performance, by commitment of such lease to unit, cooperative, or communitization
agreement, by waiver, suspension, or change in rental, except an increase thereof, by
minimum royalty payment, except an increase thereof, by compensatory royalty payment,
or otherwise, this bond to remain in full force and effect notwithstanding.

WHEREAS the principal and surety agree that the neglect or forbearance of any
obligee under this bond in enforcing the payment of any rental or royalty or the
performance of any other covenant, condition, or agreement of any such lease or permit
shall not in any way release the principal and surety, or either of them, from
any liability under this bond; and

WHEREAS the principal and surety agree that in the event of any default under
any such lease or permit, the obligee may prosecute any claim, suit, action, or other
proceeding against the principal and surety, or either of them, without the
necessity of joining the other.

Now, if the said principal, herein shall faithfully carry out and observe all the obligations assumed in such leases and permits to which Petroglyph Operating Company, Inc is now or may hereafter become a party, and shall observe all the laws of the United States and regulations made, or which shall be made thereunder, for the government of trade and intercourse with Indian tribes, and all rules and regulations that have been or shall hereafter be lawfully prescribed by the Secretary of the Interior relative to such mining leases and permits, and shall in all particulars comply with the provisions of such leases, permits, rules, and regulations, then this obligation shall be null and void; otherwise, to remain in full force and effect.

The rate of premium charged on this bond is \$ _____; the total premium paid is _____

Signed and sealed in the presence of

WITNESSES:*

By: *Dorinda G. Rhode*)

P. O. _____)

By: *A. K. [Signature]*)

P. O. _____)

By: *Nancy Cruz*)

P. O. 8 Greenway Plaza, Suite 400)
Houston, Texas 77046)

By: *Sue Davis*)

P. O. 8 Greenway Plaza, Suite 400)
Houston, Texas 77046)

By: *Mark [Signature]*)

P. O. 475 17th Street, Suite 1500)
Denver, CO 80202)

By: *James K. [Signature]*)

P. O. 475 17th Street, Suite 1500)
Denver, CO 80202)

* Two witnesses to all signatures

APPROVED:

PETROGLYPH OPERATING COMPANY, INC.

as to *R. A. Christensen*)
R. A. CHRISTENSEN, President)


PLANET INDEMNITY COMPANY

as to *Mildred L. Massey* [SEAL])
Mildred L. Massey, Attorney-in-Fact)
410 17th Street, Suite 1675)
Denver, CO 80202)

as to *[Signature]* [SEAL])

DEPARTMENT OF THE INTERIOR
Bureau of Indian Affairs

_____, 19__

Superintendent

GENERAL POWER OF ATTORNEY

CERTIFIED COPY

KNOW ALL MEN BY THESE PRESENTS: That PLANET INDEMNITY COMPANY, a corporation organized and existing under the laws of the State of Colorado, and having its principal office in the City of Denver, Colorado does hereby constitute and appoint:

ROY C. DIE

its true and lawful attorney-in-fact to execute, seal and deliver for and on its behalf as surety, any and all bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof, which are or may be allowed, required or permitted by law, statute, rule, regulation, contract or otherwise, in an amount not to exceed:

*****FIFTY THOUSAND AND NO/100 DOLLARS***** and the execution of all such instrument(s) in pursuance of these presents, shall be binding upon said PLANET INDEMNITY COMPANY as fully and amply, to all intents and purposes, as if the same had been duly executed and acknowledged by its regularly elected officers at its principal office.

This Power of Attorney is executed, and may be certified to and may be revoked, pursuant to and by authority of Article V, Section 6(C) of the By-Laws adopted by the Board of Directors of PLANET INDEMNITY COMPANY, at a meeting called and held on this third day of March, 1987, of which the following is a true transcript of said Section 6(C):

- "The President or any Vice President, Assistant Vice President, Secretary or Resident Secretary shall have power and authority (1) To appoint Attorneys-in-fact, and to authorize them to execute on behalf of the Company, and attach the Seal of the Company thereto, bonds and undertakings, recognizances, contracts of indemnity and other writings obligatory in the nature thereof, and (2) to appoint special Attorneys-in-fact, who are hereby authorized to certify to copies of any power-of-attorney issued in pursuance of this section and/or any of the By-laws of the Company, and (3) to remove, at any time, any such Attorney-in-fact or Special Attorney-in-fact and revoke the authority given to him."

Further, this Power of Attorney is signed and sealed by facsimile pursuant to resolution of the Board of Directors of said Company adopted at a meeting duly called and held on the third day of March, 1987, of which the following is a true excerpt:

"Now therefore the signatures of such officers and the seal of the Company may be affixed to any such power of attorney or any certificate relating thereto by facsimile, and any such power of attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by facsimile signatures and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached."

IN TESTIMONY WHEREOF, PLANET INDEMNITY COMPANY has caused this instrument to be signed and its corporate seal to be affixed by its authorized officer, E. H. Frank, III, on this the twenty eighth day of August, 1991.



E.H. Frank, III

E.H. Frank, III

President

STATE OF COLORADO
COUNTY OF DENVER

On this 28th Day of August, 1991, before me came the individual who executed the preceding instrument, to me personally known, and, being duly sworn, said that he is the therein described and authorized officer of PLANET INDEMNITY COMPANY; that the seal affixed to said instrument is the Corporate Seal of said Company; that the said Corporate Seal and his signature were duly affixed by order of the Board of Directors of said Company.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal, at the city of Denver, Colorado, the day and year first above written.



Nancy J. Brenholz

Notary Public, Denver County, Colorado

CERTIFICATION

I, the undersigned officer of PLANET INDEMNITY COMPANY, do hereby certify that I have compared the foregoing copy of the Power of Attorney and affidavit, and the copy of the Section of the By-Laws of said Company as set forth in said Power of Attorney, and that the same are correct transcripts thereof, and of the whole of the said originals, and that the said Power of Attorney has not been revoked and is now in full force and effect.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 23rd day of February, 1994



Greg E. Chilson
Greg E. Chilson

Assistant Secretary

Only a certified copy of Power of Attorney bearing the Certificate of Authority No. printed in red on the upper right corner is binding. Photocopies, carbon copies or other reproductions of this document are invalid and not binding upon the Company.

ANY INSTRUMENT ISSUED IN EXCESS OF THE PENALTY AMOUNT STATED ABOVE IS TOTALLY VOID AND WITHOUT VALIDITY.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

DESIGNATION OF AGENT OR OPERATOR

The undersigned is, on record, the holder of oil and gas lease

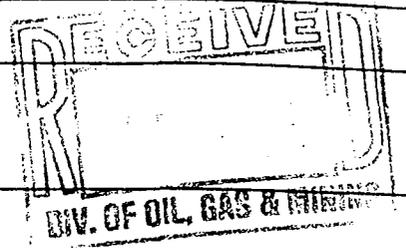
LEASE NAME: UTE TRIBAL

LEASE NUMBER: 1-109-IND-5351

and hereby designates

NAME: PETROGLYPH OPERATING COMPANY, INC.

ADDRESS: P. O. BOX 1807, Hutchinson, KS 67504-1807



as his agent operator with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the Division Director or Authorized Agent may serve written or oral instructions in securing compliance with the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah with respect to:

(Describe acreage to which this designation is applicable, and identify each applicable oil and gas well by name and API number. Attach additional pages as needed.)

T4S-R4W, U.S.M. SEC. 7 ALL; SEC. 8 ALL; SEC. 9 S/2; SEC. 10 S/2; SEC. 15 N/2; SEC. 16 ALL; SEC. 17 ALL; SEC. 18 ALL

UTE 1-7D, 43-013-31198; UTE 2-8D, 43-013-31199; UTE 1-10D, 43-013-31211; UTE 2-10D, 43-013-31219; UTE 3-10D, 43-013-31217; UTE 4-10D, 43-013-31226; UTE 1-15D, 43-013-30712; UTE 2-15D, 43-013-31200; UTE 6-16D, 43-013-31204; UTE 7-16D, 43-013-31221; UTE 8-16D, 43-013-31220; UTE 14-16D, 43-013-31337; UTE 4-17D, 43-013-31201; UTE 2-18D, 43-013-31212; UTE 4-18D, 43-013-30838; UTE #1, 43-013-20045; UTE #3, NO API AVAILABLE; UTE #5, NO API AVAILABLE; UTE #6, 43-013-15323; UTE #7, 43-013-15324

DUCHESNE COUNTY, UTAH

It is understood that this designation of agent/operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah. It is also understood that this designation of agent or operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated agent/operator, the lessee will make full and prompt compliance with all rules, lease terms or orders of the Board of Oil, Gas and Mining of the State of Utah or its authorized representative.

The lessee agrees to promptly notify the Division Director or Authorized Agent of any change in this designation.

Effective Date of Designation: 3-1-94

BY: (Name) KYLE R. MILLER

OF: (Company) INLAND RESOURCES INC.

(Signature) *K Miller*

(Address) 475 Seventeenth St., Suite 1500

(Title) President

Denver, CO 80202

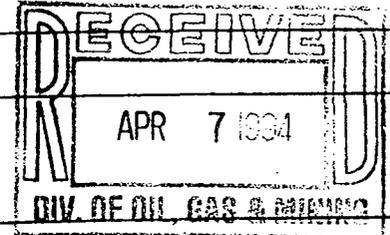
(Phone) 303-292-0900

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

DESIGNATION OF AGENT OR OPERATOR

The undersigned is, on record, the holder of oil and gas lease

LEASE NAME: UTE TRIBAL
LEASE NUMBER: 1-109-IND-5351



and hereby designates

NAME: PETROGLYPH OPERATING COMPANY, INC.

ADDRESS: P.O. Box 1807, Hutchinson, KS 67504-1807

as his agent operator , with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the Division Director or Authorized Agent may serve written or oral instructions in securing compliance with the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah with respect to:

Describe acreage to which this designation is applicable, and identify each applicable oil and gas well by name and API number. Attach additional pages as needed.

T4S-R4W, U.S.M. SEC. 7 ALL; SEC. 8 ALL; SEC. 9 S/2; SEC. 10 S/2; SEC. 15 N/2; SEC. 16 ALL; SEC. 17 ALL; SEC. 18 ALL

UTE 1-7D, 43-013-31198; UTE 2-8D, 43-013-31199; UTE 1-10D, 43-013-31211; UTE 2-10D, 43-013-31219; UTE 3-10D, 43-013-31217; UTE 4-10D, 43-013-31226; UTE 1-15D, 43-013-30712; UTE 2-15D, 43-013-31200; UTE 6-16D, 43-013-31204; UTE 7-16D, 43-013-31221; UTE 8-16D, 43-013-31220; UTE 14-16D, 43-013-31337; UTE 4-17D, 43-013-31201; UTE 2-18D, 43-013-31212; UTE 4-18D, 43-013-30838; UTE #1, 43-013-20045; UTE #3, NO API AVAILABLE; UTE #5, NO API AVAILABLE; UTE #6, 43-013-15323; UTE #7, 43-013-15324

DUCHESNE COUNTY, UTAH

It is understood that this designation of agent/operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Oil and Gas Conservation General Rules and Procedural Rules of the Board of Oil, Gas and Mining of the State of Utah. It is also understood that this designation of agent or operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated agent/operator, the lessee will make full and prompt compliance with all rules, lease terms or orders of the Board of Oil, Gas and Mining of the State of Utah or its authorized representative.

The lessee agrees to promptly notify the Division Director or Authorized Agent of any change in this designation.

Effective Date of Designation: 3-1-94

BY: (Name) ROBERT C. MURDOCK
(Signature) *Robert C. Murdock*
(Title) PRESIDENT OF PETROGLYPH ENERGY, INC.
(Phone) 316-665-8500

PETROGLYPH GAS PARTNERS, L.P.
OF: (Company) BY PETROGLYPH ENERGY, INC.,
GENERAL PARTNER
(Address) P. O. BOX 1807
Hutchinson, KS 67504-1807

STATE OF UTAH
DIVISION OF OIL, GAS AND 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 TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

1-109-IND-5351

6. If Indian, Address or Tribe Name:

Ute Tribal

7. Unit Agreement Name:

8. Well Name and Number:

Ute Tribal #7

9. API Well Number:

43-013-15324

10. Field and Pool or Wagon:

Duchesne Field
Green River Pool

1. Type of Well: OIL GAS OTHER:

2. Name of Operator: EVERTSON OIL COMPANY, INC.

3. Address and Telephone Number:

P.O. Box 397, Kimball, NE 69145 308-235-4871

4. Location of Well

Footage: 2085'FNL & 660'FWL
CO. Sec., T., R., M.: SW NW 17-T4S-R4W U.S.M.

County: Duchesne

State: Utah

11. 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 Change of Operator
- New Construction
- Pull or Ater Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approximate date ~~WORK WAS DONE~~ 3-1-94

SUBSEQUENT REPORT
(Submit Original Form Only)

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

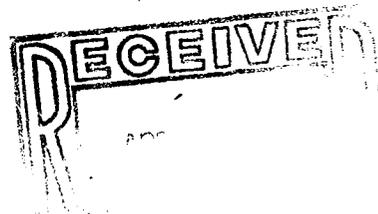
Date of work completion _____

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

* Must be accompanied by a cement verification report.

12. 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 manners and zones pertinent to this work.)

change of operator from Evertson Oil Copmany, Inc. to Petroglyph Operating Company, Inc. effective 3-1-94



13. EVERTSON OIL COMPANY, INC.

B. F. Evertson

Title: V. President

Date: 2-25-94

Name & Signature: Bruce F. Evertson

(This space for State use only)

STATE OF UTAH
DIVISION OF OIL, GAS AND 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 TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

1-109-IND-5351

6. If Indian, Alutian or Tribe Name:

Ute Tribal

7. Unit Agreement Name:

8. Well Name and Number:

Ute Tribal #7

9. API Well Number:

43-013-15324

10. Field and Pool or Wagon:

Duchesne Field
Green River Pool

1. Type of Well: OIL GAS OTHER:

2. Name of Operator: PETROGLYPH OPERATING COMPANY, INC.

3. Address and Telephone Number:

P. O. BOX 1807, Hutchinson, KS 67504-1807 316-665-8500

4. Location of Well:

Footprint: 2085'FNL & 660'FWL
CO, Sec., T., R., M.: SW NW 17-T4S-R4W U.S.M.

County: Duchesne

State: Utah

11. 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
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Other Change of Operator
of change.

Approximate date ~~WORKING BACK~~ 3-1-94

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

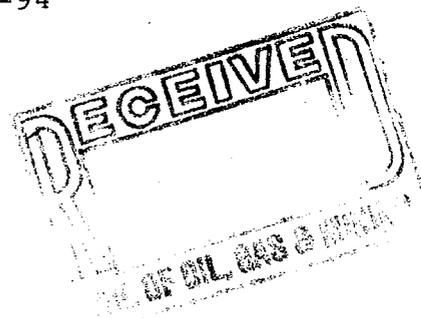
Date of work completion _____

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.

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

change of operator from Evertson Oil Company, Inc. to Petroglyph Operating Company, Inc. effective 3-1-94



13.

PETROGLYPH OPERATING COMPANY, INC.

Name & Signature:

R. A. CHRISTENSEN

Title:

President

Date:

2-25-94

(This space for State use only)

morris, laing, evans, brock & kennedy, chartered

FOURTH FLOOR, 200 WEST DOUGLAS, WICHITA, KANSAS 67202-3084
TELEPHONE (316) 262-2671 FAX: (316) 262-6226/262-5991

RALPH R. BROCK
JOSEPH W. KENNEDY
ROBERT I. GUENTHNER
DAVID C. ADAMS
KEN M. PETERSON
RICHARD D. GREENE
A. J. SCHWARTZ, JR.
DONALD E. SCHRAG
WILLIAM B. SORENSEN, JR.
DENNIS M. FEENEY

JEFFERY L. CARMICHAEL
ROBERT W. COYKENDALL
ROBERT K. ANDERSON
SUSAN R. SCHRAG
ROBERT E. NUGENT
MICHAEL LENNEN
KARL R. SWARTZ
ROGER L. THEIS
JANA DEINES ABBOTT
RICHARD F. HAYSE*

THOMAS R. DOCKING
GERALD N. CAPPS
DIANE S. WORTH
TIM J. MOORE
GARY E. PATTERSON
BRUCE A. NEY
JANET H. WARD

*RESIDENT IN
TOPEKA OFFICE

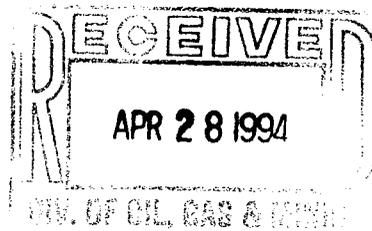
ROBERT B. MORTON
EVA POWERS*
OF COUNSEL

VERNE M. LAING
RETIRED

LESTER L. MORRIS
1901-1966
FERD E. EVANS, JR.
1919-1991

April 25, 1994

Ms. Lisha Cordoba
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203



Re: Petroglyph Gas Partners, L. P.

Dear Ms Cordoba:

Enclosed in triplicate per our recent conversations are Sundry Notices pertaining to the Ute Tribal 1-29, 2-5, 5-29E3, and #8 wells which were inadvertently initially overlooked in this transaction as follows:

1. Form 9 Sundry Notice executed by Evertson Oil Company showing the change in Operations from Evertson Oil Company to Petroglyph Operating Company;
2. Form 9 Sundry Notice executed by Petroglyph Gas Partners, L. P. showing the change in Operations from Evertson Oil Company to Petroglyph Operating Company;

I thank you for your continued assistance with this matter. Please do not hesitate to give me a call if you need anything further.

Sincerely,

A handwritten signature in black ink, appearing to read "Roger L. Theis". The signature is fluid and cursive, with a long horizontal stroke at the end.

Roger L. Theis
For the Firm

RLT:mk

Enclosures

cc: Robert A. Christensen



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal District Office
170 South 500 East
Vernal, Utah 84078-2799

IN REPLY REFER TO:
3162.3
(UT08438)

JUN 20 1994

Petroglyph Operating Company, Inc.
P.O. Box 1839
Hutchinson, KS 67504-1839

Re: See attached list for the
well numbers and lease
numbers
Duchesne County, Utah

Gentlemen:

This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced wells. After a review by this office, the change in operator request is approved. Effective immediately, Petroglyph Operating Company, Inc., is responsible for all operations performed on the referenced wells. All liability will now fall under your bond, a \$75,000 BIA Collective Bond, for all operations conducted on the referenced wells on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (801) 789-1362.

Sincerely,

Howard B. Cleavinger II
Assistant District Manager for Minerals

cc: Evertson Oil Company
BIA

etroglyph - Assignments, and Change of Operator

Township 5 South, Range 3 West, USM

<u>Lease No.</u>	<u>Section No.</u>	<u>Well Name</u>	<u>Location</u>
4-20-H62-3502	3	✓ Ute Tribal 1-3 ✓ Ute Tribal 2-3	SWSW SESW
4-20-H62-3503	4	✓ Ute Tribal 1-4 ✓ Ute Tribal 2-4 SWD ✓ Ute Tribal 3-4 ✓ Ute Tribal 4-4 ✓ Ute Tribal 6-4	NENE SWNE NESW SWSW SESW
4-20-H62-3504	5	✓ Ute Tribal 1-5 ✓ Ute Tribal 2-5 ✓ Ute Tribal 3-5 E3 ✓ Ute Tribal 4-5	SWNE SWSW NWSE SENE
14-20-H62-3505	6	✓ Ute Tribal 1-6* ✓ Ute Tribal 3-6	SESE SENE
14-20-H62-3506	7	✓ Ute Tribal 1-7* ✓ Ute Tribal 2-7 ✓ Ute Tribal 3-7	SESW NENE SENE
14-20-H62-3507	8	✓ Ute Tribal 1-8 ✓ Ute Tribal 2-8 ✓ Ute Tribal 3-8 ✓ Ute Tribal 4-8 ✓ Ute Tribal 5-8	NWNW SWNW NENW NWSW SENW
14-20-H62-3508	9	✓ Ute Tribal 2-9 ✓ Ute Tribal 4-9	NENE SWSE
14-20-H62-3509	10	✓ Ute Tribal 1-10 ✓ Ute Tribal 2-10	NWNW NENW

Township 5 South, Range 3 West, USM

<u>Lease No.</u>	<u>Section No.</u>	<u>Well Name</u>	<u>Location</u>
14-20-H62-3510	15	✓ Ute Tribal 1-15	NWNW
14-20-H62-3511	16	✓ Ute Tribal 1-16* ✓ Ute Tribal 2-16	SESE SWSW
14-20-H62-4633	17	✓ Ute Tribal 1-17*	NENE
14-20-H62-3513	18	✓ Ute Tribal 1-18 ✓ Ute Tribal 2-18 ✓ Ute Tribal 4-18 ✓ Ute Tribal 5-18	NENE SENE NWNE NESE
14-20-H62-3514	19	✓ Ute Tribal 1-19	SESE
14-20-H62-3515	20	✓ Ute Tribal 1-20 ✓ Ute Tribal 2-20 ✓ Ute Tribal 3-20*	NWNE SWNE SENW
14-20-H62-3516	21	✓ Ute Tribal 1-21	SWSW
14-20-H62-3517	28	✓ Ute Tribal 1-28	SWNW
14-20-H62-3518	29	✓ Ute Tribal 1-29 ✓ Ute Tribal 2-29 ✓ Ute Tribal 3-29 ✓ Ute Tribal 4-29 ✓ Ute Tribal 5-29E3 ✓ Ute Tribal 7-29 6-29 ✓ Ute Tribal 7-29	NESE SESE SENW NWNW SWNE SENE NESE
14-20-H62-3519	30	✓ Ute Tribal 1-30	SWNE
14-20-H62-3520	31	✓ Ute Tribal 1-31* ✓ Ute Tribal 2-31	NWNE NENW
14-20-H62-3521	32	✓ Ute Tribal 1-32	SENE
14-20-H62-3522	33	✓ Ute Tribal 1-33	NENW

(*) = Lease No. incorrect on Sundry Notice submitted

Township 4 South, Range 4 West, USM

<u>Lease No.</u>	<u>Section No.</u>	<u>Well Name</u>	<u>Location</u>
14-20-H62-4446	3	✓Ute Tribal 1-3D	SESE
14-20-H62-4453	22	✓Ute Tribal 1-22D	NENW
14-20-H62-4454	10	✓Ute Tribal 6-10D	SENE
14-20-H62-4455	21	✓Ute Tribal 1-21D	NENW
14-20-H62-4465	20	✓Ute Tribal 1-20D	NWNE
14-20-H62-4466	24	✓Ute Tribal 1-24D	NWNW

Township 4 South, Range 4 West, USM

<u>Lease No.</u>	<u>Section No.</u>	<u>Well Name</u>	<u>Location</u>
H109-IND-5351	7	✓Ute Tribal 1-7D	SESE
	8	✓Ute Tribal 2-8D	NWSE
	9	✓Ute Tribal #1	NWSW
	10	✓Ute Tribal 1-10D	SWSE
	10	✓Ute Tribal 2-10D	SWSW
	10	✓Ute Tribal 3-10D	SESW
	10	✓Ute Tribal 4-10D	NESE
	15	✓Ute Tribal 1-15D	SWSW
	15	✓Ute Tribal 2-15D	NWNW
	16	✓Ute Tribal #3	SENE
	16	✓Ute Tribal #5	SWNW
	16	✓Ute Tribal 6-16D	NENW
	16	✓Ute Tribal 7-16D	SENE
	16	✓Ute Tribal #8	NWNW
	16	✓Ute Tribal 8-16D	NESE
	16	✓Ute Tribal 14-16D	NENW
	17	✓Ute Tribal #6	SWNE
	17	✓Ute Tribal #7	SWNW
	17	✓Ute Tribal 4-17D	NWSE
	18	✓Ute Tribal 2-18D	NESE
18	✓Ute Tribal 4-18D	NWNW	

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

1-	LEC / GIL
2-	LWP 7-PL
3-	DTS/S-SJ
4-	VLC: 9-FILE
5-	RJF
6-	LWP

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 2-1-94)

TO (new operator)	<u>PETROGLYPH OPERATING CO.</u>	FROM (former operator)	<u>EVERTSON OIL COMPANY INC</u>
(address)	<u>PO BOX 1839</u>	(address)	<u>PO BOX 397</u>
	<u>HUTCHINSON, KS 67504-1839</u>		<u>KIMBALL, NE 69145</u>
	<u>ANGELA BARE</u>		
	phone (<u>316</u>) <u>665-8500</u>		phone (<u>308</u>) <u>235-4871</u>
	account no. <u>N3800</u>		account no. <u>N6350</u>

Well(s) (attach additional page if needed):

Name: **SEE ATTACHED**	API: <u>013-15324</u>	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp. _____	Rng. _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Sec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Reg. 2-24-94) (Rec'd 4-7-94)
- Sec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 2-18-94) (Rec'd 4-7-94)
- Sec 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) yes If yes, show company file number: #C0180242. (L.H. 2-18-94)
- Sec 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- Sec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (7-8-94)
- Sup 6. Cardex file has been updated for each well listed above. 7-11-94
- Sup 7. Well file labels have been updated for each well listed above. 7-11-94
- Sec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (7-6-94)
- Sec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- N/A / Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) . Today's date 19 . If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- OT S
7/21/94
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

1. All attachments to this form have been microfilmed. Date: July 29 1994.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

940706 Bhm/Wernal Apr. 6-30-94.
* (1 st. lease well handled separately)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5.LEASE DESIGNATION AND SERIAL NUMBER: I-109-IND-5351
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: DUCHESNE UTE TRIBAL 7
2. NAME OF OPERATOR: PETROGLYPH OPERATING CO	9. API NUMBER: 43013153240000
3. ADDRESS OF OPERATOR: 960 Broadway Avenue, Ste 500 , Bosie, ID, 83703	PHONE NUMBER: 208 685-7685 Ext
9. FIELD and POOL or WILDCAT: DUCHESNE	4. LOCATION OF WELL FOOTAGES AT SURFACE: 2085 FNL 0660 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 17 Township: 04.0S Range: 04.0W Meridian: U
COUNTY: DUCHESNE	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 12/15/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 50px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On or around the date referenced above, depending on equipment availability, we intend to return this well to production. We intend to clean the well out to PBTD, run new tubing and a P.C. Pump. If necessary we will acidize, or otherwise workover the well as needed, in order to maximize this well's production. A detailed record of the work performed will be reported at a later date.

Accepted by the Utah Division of Oil, Gas and Mining

Date: October 16, 2012

By: *Dark Owe*

NAME (PLEASE PRINT) Rodrigo Jurado	PHONE NUMBER 435 722-5302	TITLE Regulatory & Compliance Spc
SIGNATURE N/A	DATE 10/15/2012	