

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: DRILL REENTER
1b. Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone

5. Lease Serial No.

14-20-H62-3502

6. If Indian, Allottee or Tribe Name

UTE INDIAN TRIBE

7. If Unit or CA Agreement, Name and No.

UTE TRIBAL

8. Lease Name and Well No.

UTE TRIBAL 03-05

2. Name of Operator
PETROGLYPH OPERATING CO., INC.

9. API Well No.

43-013-34289

3a. Address P.O. BOX 607,
ROOSEVELT, UT 84066

3b. Phone No. (Include area code)
(435)722-2531

10. Field and Pool, or Exploratory

ANTELOPE CREEK W

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface 2871' FNL, 752' FWL LOT 12 SW NW
566921X 40.076811
At proposed prod. Zone 44363674 -110.215159

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

SEC. 3, T5S, R3W,
U.S.B.&M.

14. Distance in miles and direction from nearest town or post office*
19.5 MILES SOUTHWEST OF MYTON, UTAH

12. County or Parish

DUCHESNE

13. State

UTAH

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. Unit line, if any)
752'

16. No. of Acres in lease
649.34

17. Spacing Unit dedicated to this well

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. See Topo Man "C"

19. Proposed Depth
6466'

20. BLM/BIA Bond No. on file

BO 4556

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5908.7 FEET GRADED GROUND

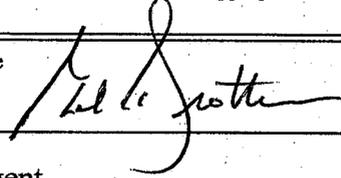
22. Approximate date work will start*
UPON APPROVAL

23. Estimated duration
45 DAYS

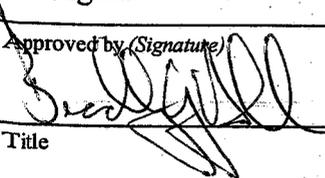
24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- 1. Well plat certified by a registered surveyor.
- 2. A Drilling Plan.
- 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- 5. Operator certification.
- 6. Such other site specific information and/or plans as may be required by the BLM.

25. Signature  Name (Printed/Typed) Ed Trotter Date September 9, 2009

Title Agent

Approved by (Signature)  Name BRADLEY G. HILL Date 10-27-09
Title Office ENVIRONMENTAL MANAGER

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of Approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED

OCT 26 2009

*(Continued on page 2)

Federal Approval of this
Action Is Necessary

DIV. OF OIL, GAS & MINING

T5S, R3W, U.S.B.&M.

PETROGLYPH OPERATING CO., INC.

A.P.
Pile of
Stones

EAST - 285.78'

N89°00'04"E - 5314.82' (Meas.)

(G.L.O.) T4S

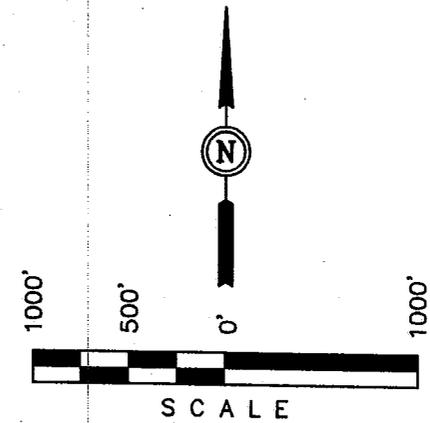
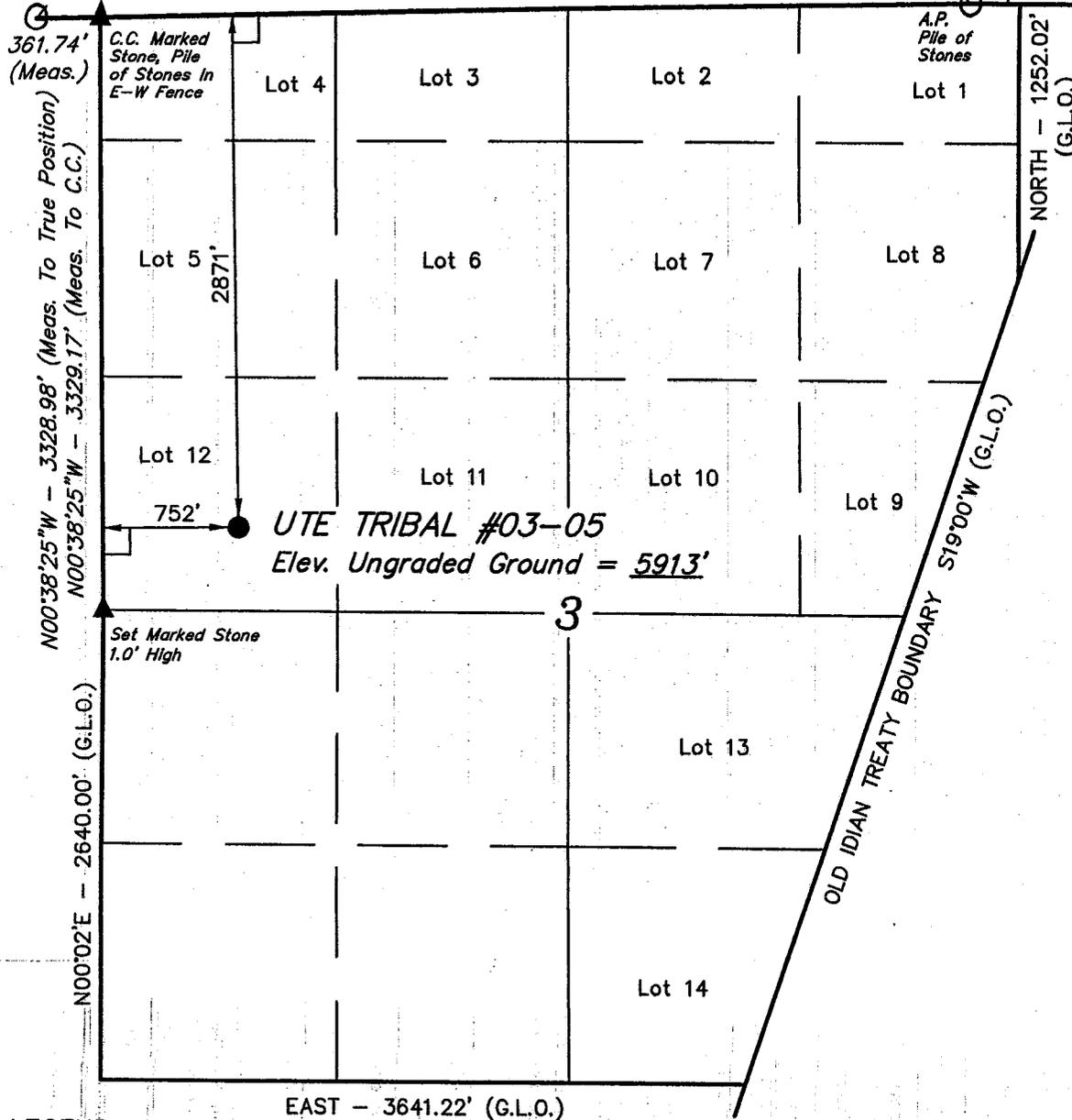
Well location, UTE TRIBAL #03-05, located as shown in Lot 12 of Section 3, T5S, R3W, U.S.B.&M., Duchesne County, Utah.

BASIS OF ELEVATION

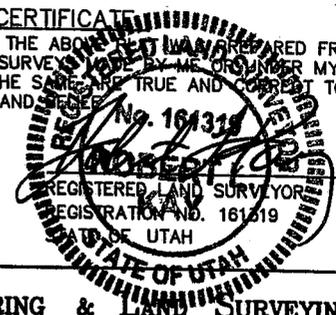
BRASS CAP SET IN CONCRETE BY SUNRISE ENGINEERING LOCATED IN THE SE 1/4 OF SECTION 16, T5S, R3W, U.S.B.&M. SAID ELEVATION IS MARKED AS BEING 6281.9 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



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



LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- = ANGLE POINT

(NAD 83)
 LATITUDE = 40°04'36.53" (40.076814)
 LONGITUDE = 110°12'56.74" (110.215761)
 (NAD 27)
 LATITUDE = 40°04'36.67" (40.076853)
 LONGITUDE = 110°12'54.19" (110.215053)

UINTAH ENGINEERING & LAND SURVEYING
 85 SOUTH 200 EAST - VERNAL, UTAH 84078
 (435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 01-30-09	DATE DRAWN: 02-03-09
PARTY B.B. D.H. D.P.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE PETROGLYPH OPERATING CO., INC.	

Petroglyph Operating Co., Inc.
P.O. Box 607
Roosevelt, UT 84066

September 9, 2009

Utah Division of Oil, Gas, & Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, UT 84114-5801

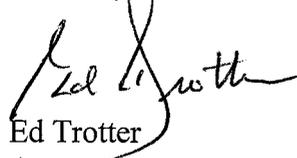
RE: APPLICATION FOR PERMIT TO DRILL
UTE TRIBAL 03-05
LOT 12, SECTION 3, T5S, R3W
DUCHESNE COUNTY, UTAH
LEASE NO. BIA 14-20-H62-3502
UTE INDIAN TRIBAL LANDS

Enclosed please find a copy of the Application for Permit to Drill and associated attachments for the referenced well.

Please address further communication regarding this matter (including approval) to:

Ed Trotter
P.O. Box 1910
Vernal, UT 84078
Phone: (435)789-4120
Fax: (435)789-1420

Sincerely,



Ed Trotter
Agent
Petroglyph Operating Co., Inc.

Attachments

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OCT 26 2009

DIV. OF OIL, GAS & MINING

UDOGM-POCI

EIGHT POINT PLAN

**UTE TRIBAL 03-05
LOT 12, SEC. 3, T5S, R3W
DUCHESNE COUNTY, UTAH**

1. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

FORMATIONS	DEPTH	SUBSEA
Mahogany Shale	3023	2886
"X" Marker	4654	1255
Douglas Creek	4797	1112
"B" Limestone	5191	718
B/Castle Peak Limestone	5766	143
Total Depth	6466	
Anticipated BHP	2639	

2. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS FORMATIONS:

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>	<u>Subsea</u>
Oil/Gas	Douglas Creek	4797	1112
Oil/Gas	B/Castle Peak	5766	143
Other mineral zones	N/A		

3. PRESSURE CONTROL EQUIPMENT: BOP Schematic Diagram attached.

4. CASING PROGRAM:

Hole	Casing	Top – MD	Bottom – MD	Weight lb/ft	Grade	Thread
18"	14"	sfc	40'	steel	cond	none
12 1/4"	8 5/8"	sfc	480'	24.0	J-55	STC
7 7/8"	5 1/2"	sfc	6,466'	15.5	J-55	LTC

Casing Strengths:				Collapse	Burst	Tensile
8 5/8"	24.0 lb.	J-55	STC	1,370 psi	2,950 psi	263,000 lb
5 1/2"	15.5 lb.	J-55	LTC	4,040 psi	4,810 psi	239,000 lb

All casing will be new or inspected.

EIGHT POINT PLAN

**UTE TRIBAL 03-05
LOT 12, SEC. 3, T5S, R3W
DUCHESNE COUNTY, UTAH**

5. MUD PROGRAM

INTERVAL

0' - 480'
480' - TD

MUD TYPE

Air/Aerated Water
Water & KCL water or KCL substitute
Gel/polyacrylamide polymer w/5-10% LCM, LSND as conditions
warrant

Sufficient mud inventory will be maintained on location during drilling to handle any adverse conditions that may arise.

6. CEMENT PROGRAM:

14" Conductor:

Cement to surface with construction cement.

8 5/8" Casing: sfc-480'

Lead Slurry: 0' - 480': 137 sks (248 cu ft) Light cement + 0.25 lb/sk
Kwik Seal + 0.125 lb/sk Poly-E-Flake. Slurry wt: 13.5 ppg, Slurry yield: 1.81 ft³/sk,
Slurry volume: 12-1/4" hole + 25% excess. (Cement will be circulated to surface).

5 1/2" Casing: sfc-6466'

Lead Slurry: sfc-4000': 230 sx Light Cement (11 ppg±, 3.81 ft³/sk) plus LCM (hole + 25% excess).

Tail Slurry:

4000'-6466': 311 sx 50/50 Pozmix (14 ppg±, 1.25ft³/sk) + 2% Gel + 5% Salt + 0.125 lb/sk
Poly-E-flake (hole + 25% excess). (Cement will be circulated to surface).

7. VARIANCE REQUESTS:

- A. Petroglyph Operating Company, Inc. requests a variance to regulations requiring a straight run blooie line.
- B. Petroglyph Operating Company, Inc. requests a variance to regulations requiring an automatic ignitor or continuous pilot light on the blooie line.

8. EVALUATION PROGRAM:

Logs: Platform Express TD to base of surface casing
(DLL, MSFL, CNG, CDL, GR)

Cores: None anticipated

DST: None Programmed

Completion: To be submitted at a later date.

EIGHT POINT PLAN

**UTE TRIBAL 03-05
LOT 12, SEC. 3, T5S, R3W
DUCHESNE COUNTY, UTAH**

9. ABNORMAL CONDITIONS:

None anticipated.

10. STANDARD REQUIRED EQUIPMENT:

None Required

11. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

(Attachment: BOP Schematic Diagram)

**CONDITIONS OF APPROVAL
FOR THE SURFACE USE PROGRAM OF THE
APPLICATION FOR PERMIT TO DRILL**

Company/Operator: Petroglyph Operating Co. Inc.
Well Name & Number: Ute Tribal #03-05
Lease Number: BIA 14-20-H62-3502
Location: 2871' FNL & 752' FWL, Lot 12,
Sec. 3, T5S, R3W, U.S.B.&M.,
Duchesne County, Utah
Surface Ownership: Ute Indian Tribe

NOTIFICATION REQUIREMENTS

Location Construction - forty-eight (48) hours prior to construction of location and access roads.

Location Completion - prior to moving on the drilling rig.

Spud Notice: - at least twenty-four (24) hours prior to spudding the well.

Casing String and Cementing - twenty-four (24) hours prior to running casing and cementing all casing strings.

BOP and related Equipment Tests - twenty-four (24) hours prior to running casing and tests.

First Production Notice well - within five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

THIRTEEN POINT SURFACE USE PROGRAM

1. EXISTING ROADS

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 19.5 miles southwest of Myton, Utah - See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

2. PLANNED ACCESS ROAD

- A. The access road will be approximately 0.1 miles in length. See attached TOPO Map "B".
- B. The access road has a 30 foot ROW w/ 18 foot running surface.
- C. Maximum grade on access road will be 8%.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.

New or reconstructed roads will be centerlined - flagged at time of location staking.

All travel will be confined to existing access road Right-of-Way.

Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service Publication: Surface Operating Standards For Oil & Gas Exploration and Development, (1989).

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of-Way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by run off water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed

during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

As operator, Petroglyph Operating Co., Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

3. **LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF PROPOSED WELL LOCATION**

- A. Producing wells - 19*
 - B. Shut in wells - 3*
- (*See attached TOPO map "C" for location)

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

A. **ON WELL PAD**

- 1. Tank batteries - None
- 2. Production facilities - To be submitted later
- 3. Oil gathering lines - None
- 4. Gas gathering lines - None
- 5. Injection lines - None
- 6. Disposal lines - None
- 7. Surface pits - None

B. **OFF WELL PAD**

- 1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
- 2. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.
- 3. Production facilities will be placed on the proposed location.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.

The production facilities will be placed on the Northwest side of the location.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as

determined by the Rocky Mountain Five State Interagency Committee. All facilities required will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded. The required paint color is Desert Brown.

5. **LOCATION & TYPE OF WATER SUPPLY**

- A. Water supply will be from Target Trucking's Roosevelt Brine Storage and/or Target's water source in SE ¼, Sec. 1, T4S, R5W, Duchesne, Utah (State Water Right #43-10152). All water will come from a non-depletable source.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

6. **SOURCE OF CONSTRUCTION MATERIAL**

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of the location.
- B. All construction material will come from Ute Tribal Land.
- C. No mineral materials will be required.

7. **METHODS OF HANDLING WASTE DISPOSAL**

A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
 - 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
 - 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at an approved waste disposal facility.
 - 4. Produced waste water will be confined to a lined pit or storage tank for a period not to exceed 90 days after initial production. During the 90 day period, an application for approval of a permanent disposal method and location, together with the required water analysis, will be submitted for the AO's approval.
 - 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.
- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

Burning of trash will not be allowed. All trash must be contained in a trash cage and hauled away to an approved disposal site at the completion of the drilling activities.

On BIA administered land:

All reserve pits will be lined with either native clay, commercial bentonite or plastic sufficient to prevent seepage. (If a plastic nylon reinforced liner is used, it shall be torn and perforated after the pit dries and before backfilling of the reserve pit).

A 12 mill liner shall be installed in the reserve pit.

____ To protect the environment:

If the reserve pit is lined, the operator will provide the BIA with a chemical analysis of the fluids in that pit no later than 90 days after the well completion to determine the method for final reclamation of the reserve pit. If the elemental concentrations shown by the chemical analysis exceeds the requirements described by Part II, Standards of Quality for Waters of the State, Wastewater Disposal Regulations, State of Utah Division of Health, the contents and liner will be removed and disposed of at an authorized disposal site.

____ To protect the environment (without chemical analysis), reserve pits will be constructed so as not to leak, break, or allow discharge of liquids.

____ Storage tanks will be used if drill sites are located on tribal irrigable land, flood plains, or on lands under crop production. After first production, produced waste water will be confined to a lined pit or storage tank for a period not to exceed ninety (90) days. During the 90 day period, in accordance with NTL-2B, an application for approval of a permanent disposal method and location, along with required water analysis, shall be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

7. **ANCILLARY FACILITIES**

- No airstrips or camps are planned for this well.

9. **WELLSITE LAYOUT**

- A. Refer to attached well site plat for related topography cuts and fills and cross Sections.
- B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
- C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the Southeast side of the location. The flare pit will be located downwind of the prevailing wind direction on the South side of the

location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled topsoil will be stored on the Northeast side of the location.

Access to the well pad will be from the Southwest.

Corners #2, #6, & #8 will be rounded off to minimize excavation.

10. FENCING REQUIREMENTS:

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

Each existing fence to be crossed by the access road shall be braced and tied off before cutting so as to prevent slacking of the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and, upon completion of construction, the fence shall be repaired to BIA or SMA specifications. A cattleguard with an adjacent 16 foot gate shall be installed in any fence where a road is to be regularly traveled. If the well is a producer, the cattleguards (shall/shall not) be permanently mounted on concrete bases. Prior to crossing any fence located on Tribal land, or any fence between Tribal land and private land, the operator will contact the BIA, who will in turn contact the grazing permittee or owner of said fence and offer him/her the opportunity to be present when the fence is cut in order to satisfy himself/herself that the fence is adequately braced and tied off.

11. **PLANS FOR RESTORATION OF SURFACE**

A. **PRODUCING LOCATION**

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximate natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion (weather permitting). Before any dirt work takes place, the reserve pit will be completely dry and all cans, barrels, pipe, fluid, and hydrocarbons, will be removed.

Contact appropriate surface management agency for required seed mixture.

B. **DRY HOLE/ABANDONED LOCATION**

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BIA will attach the appropriate surface rehabilitation conditions of approval.

ON BIA ADMINISTERED LANDS:

Abandoned well sites, roads, or other disturbed areas will be restored to near their original condition. This procedure will include: (a) reestablishing irrigation systems where applicable, (b) reestablishing soil conditions in irrigated fields in such a way as to ensure cultivation and harvesting of crops and, © ensuring revegetation of the disturbed areas to the specifications of the Ute Indian Tribe or the BIA at the time of abandonment.

12. **SURFACE OWNERSHIP**

Access road: Ute Indian Tribe

Location: Ute Indian Tribe

13. **OTHER INFORMATION**

A. Petroglyph Operating Co., Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the AO. Within five working days the AO will inform the operator as to:

- whether the materials appear eligible for the National Register of Historic Places;
- the mitigation measures the operator will likely have to undertake before the site can be used.
- a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

- B. As operator, Petroglyph Operating Co., Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BIA, or the appropriate County Extension Office. On BIA administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
- C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Tribal Lands after the conclusion of drilling operations or at any other time without BIA authorization. However, if BIA authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

On BIA administered land:

Operator's employees, including subcontractors, will not gather firewood along roads constructed by operators. If wood cutting is required, a permit will be obtained from the Forestry Department of the BIA pursuant to 25 CFR 169.13 "Assessed Damages Incident to Right-of-Way authorization". All operators, subcontractors, vendors, and their employees or agents may not disturb saleable timber (including firewood) without a duly granted wood permit from the BIA Forester.

If the surface rights are owned by the Ute Indian Tribe and mineral rights are owned by another entity, an approved right-of-way will be obtained from the BIA before the operator begins any construction activities. If the surface is owned by another entity and the mineral rights are owned by the Ute Indian

Tribe, rights-of-way will be obtained from the other entity. All roads constructed by operators on the Uintah and Ouray Indian Reservation will have appropriate signs. Signs will be neat and of sound construction. They will state: (a) that the land is owned by the Ute Indian Tribe, (b) the name of the operator, (c) that firearms are prohibited to all non-Ute Tribal members, (d) that permits must be obtained from the BIA before cutting firewood or other timber products, and (e) only authorized personnel permitted. All well site locations on the Uintah and Ouray Indian Reservation will have an appropriate sign indicating the name of the operator, the lease serial number, the well name and number, the survey description of the well (either footage or the quarter-quarter section, the section, township, and range).

14. **Additional Surface Stipulations**

None

LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION

PERMITTING

Ed Trotter
P.O. Box 1910
Vernal, UT 84078
Telephone: (435)789-4120
Fax: (435)789-1420

OPERATIONS

Jason Bywater
P.O. Box 607
Roosevelt, UT 84066
(435)722-2531
(435)722-9145

All lease or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approval plan of operations, and any applicable Notice to Lessees. Petroglyph Operating Co., Inc. is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

A copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

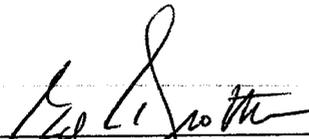
The BIA office shall be notified upon site completion prior to moving on the drilling rig.

Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions that presently exist; that the statements made in the Plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Petroglyph Operating Co., Inc. and its contractors and subcontractors in conformity with this Plan and the terms and conditions under which it is approved.

Please be advised that Petroglyph Operating Co., Inc. is considered to be the operator of the **UTE TRIBAL 03-05 Well, located in Lot 12 of Section 3, T5S, R3W, Duchesne County, Utah; Lease #14-20-H62-3502;** and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond Coverage is provided under Bond #BO 4556.

9-9-2009
Date


Ed Trotter, as Agent for
Petroglyph Operating Co., Inc.

PETROGLYPH OPERATING CO., INC.

UTE TRIBAL #03-05

LOCATED IN DUCHESNE COUNTY, UTAH

SECTION 3, T5S, R3W, U.S.B.&M.

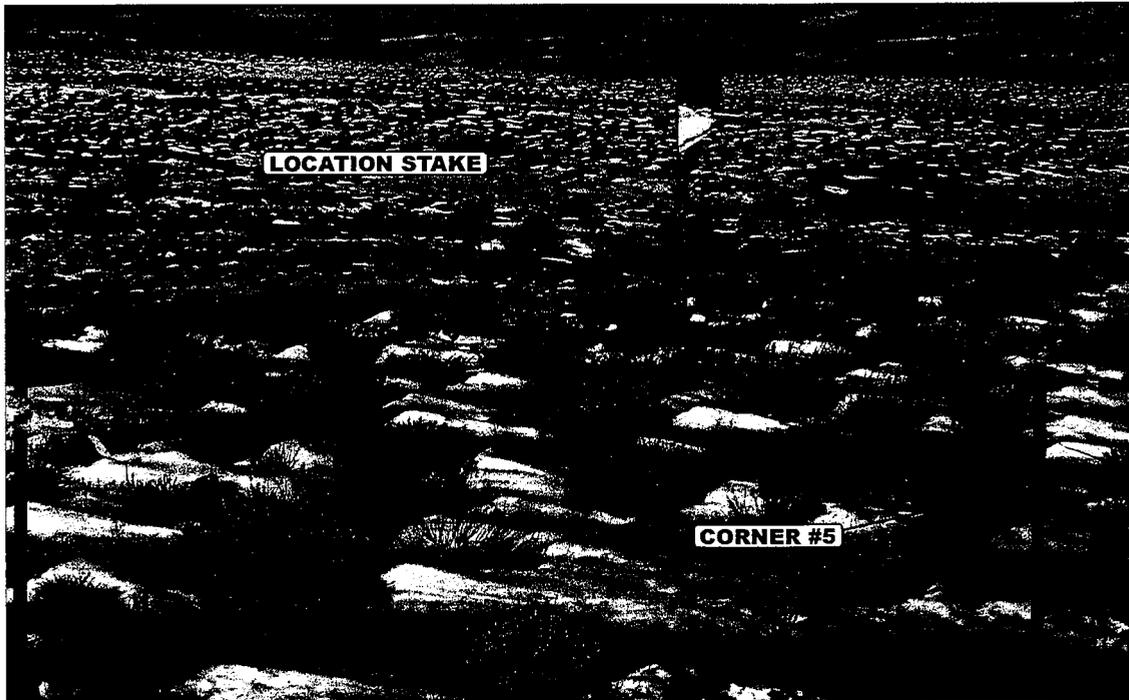


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHWESTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHERLY



- Since 1964 -

UELS

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS

02 | 04 | 09
MONTH | DAY | YEAR

PHOTO

TAKEN BY: B.B.

DRAWN BY: D.P.

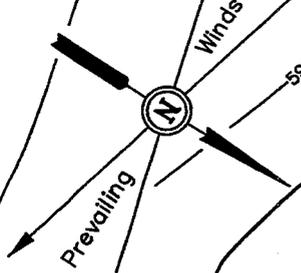
REVISED: 00-00-00

PETROGLYPH OPERATING CO., INC.

FIGURE #1

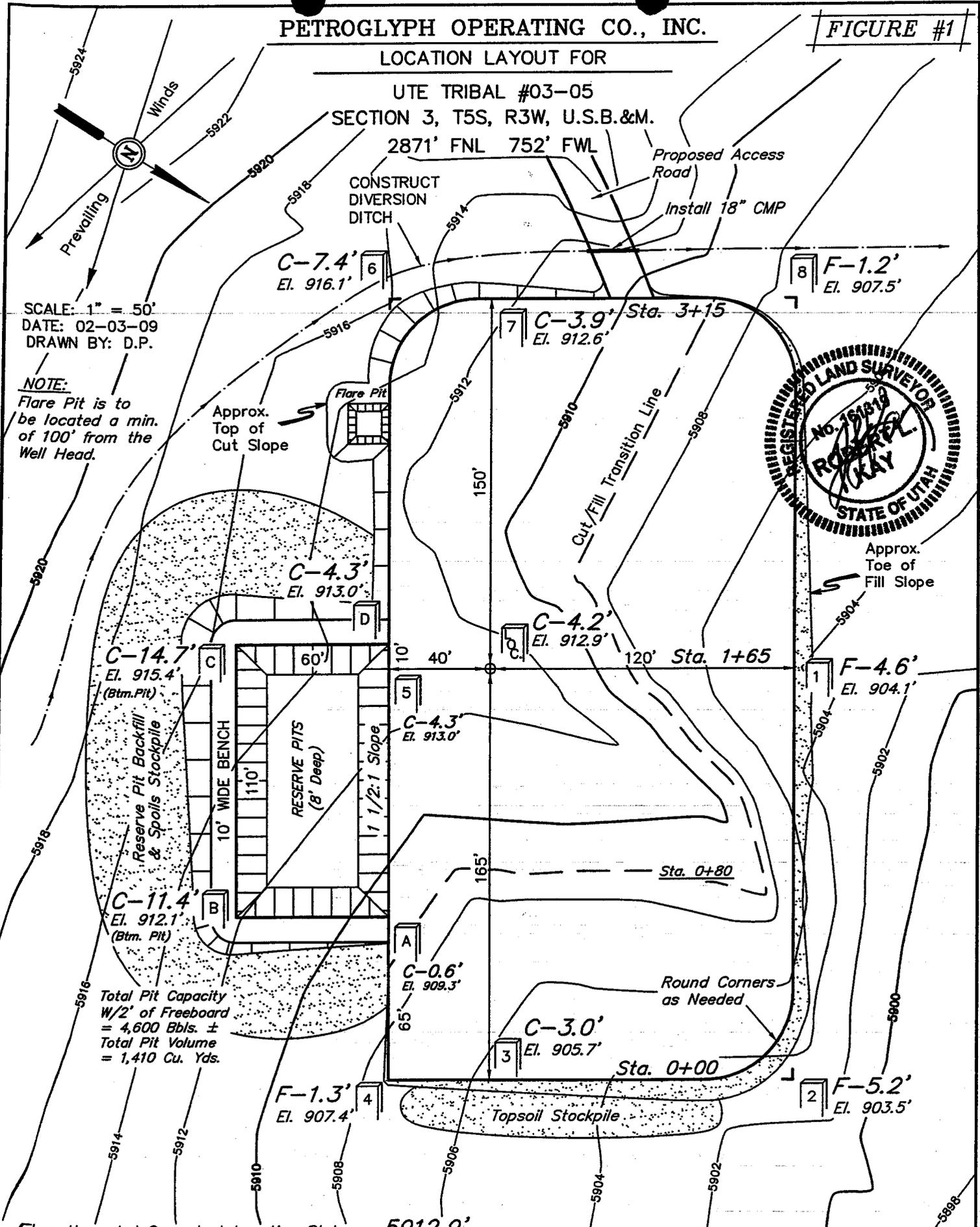
LOCATION LAYOUT FOR

UTE TRIBAL #03-05
SECTION 3, T5S, R3W, U.S.B.&M.
2871' FNL 752' FWL



SCALE: 1" = 50'
DATE: 02-03-09
DRAWN BY: D.P.

NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.



Total Pit Capacity
W/2' of Freeboard
= 4,600 Bbls. ±
Total Pit Volume
= 1,410 Cu. Yds.

Elev. Ungraded Ground at Location Stake = 5912.9'
Elev. Graded Ground at Location Stake = 5908.7'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

PETROGLYPH OPERATING CO., INC.

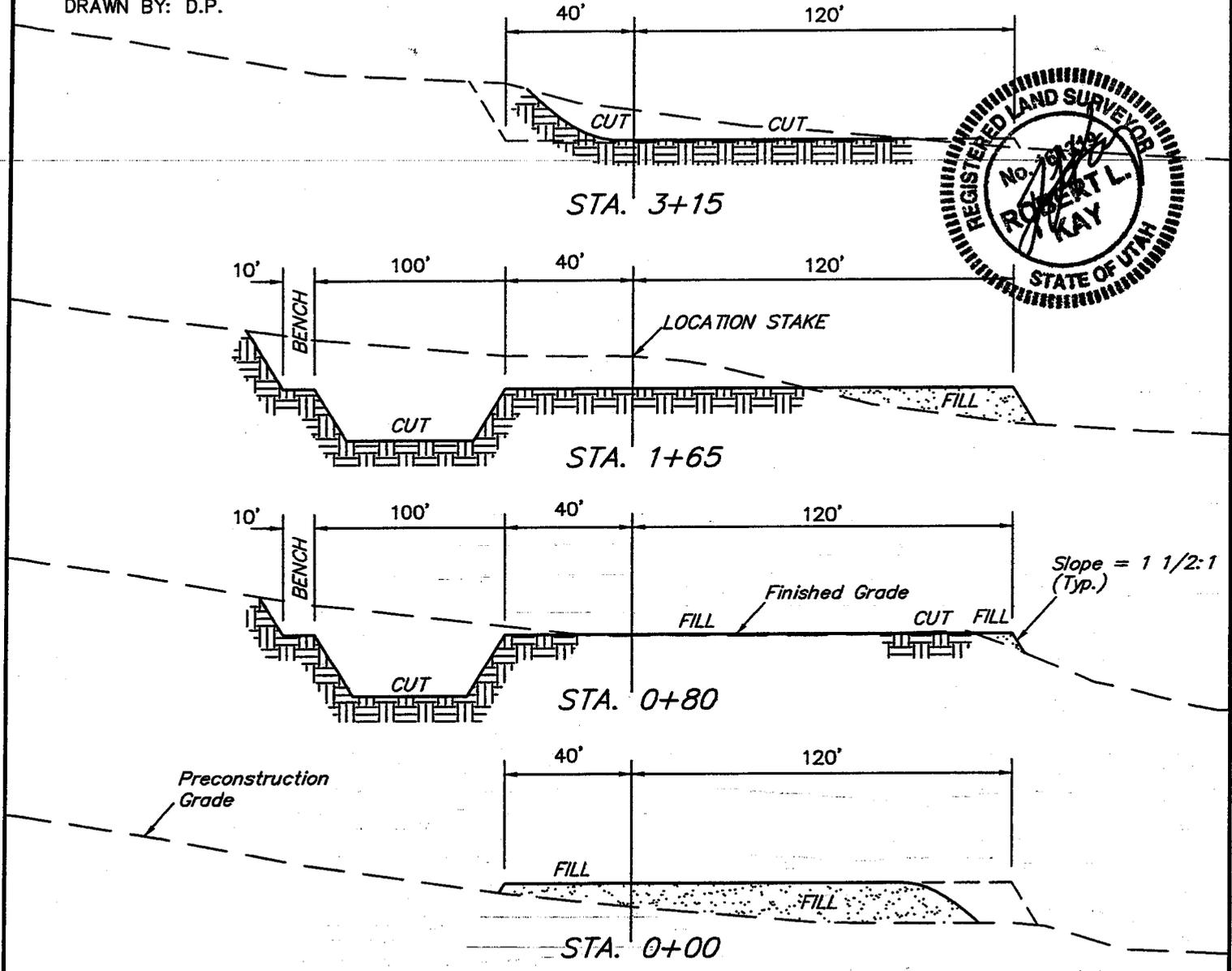
FIGURE #2

TYPICAL CROSS SECTIONS FOR

**UTE TRIBAL #03-05
SECTION 3, T5S, R3W, U.S.B.&M.
2871' FNL 752' FWL**

1" = 20'
X-Section Scale
1" = 50'

DATE: 02-03-09
DRAWN BY: D.P.



APPROXIMATE ACREAGES
 WELL SITE DISTURBANCE = ± 3.049 ACRES
 ACCESS ROAD DISTURBANCE = ± 0.309 ACRES
TOTAL = ± 3.358 ACRES

*** NOTE:**
 FILL QUANTITY INCLUDES
 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT
 (12") Topsoil Stripping = 2,490 Cu. Yds.
 Remaining Location = 3,870 Cu. Yds.
TOTAL CUT = 6,360 CU.YDS.
FILL = 3,160 CU.YDS.

EXCESS MATERIAL = 3,200 Cu. Yds.
 Topsoil & Pit Backfill = 3,200 Cu. Yds.
 (1/2 Pit Vol.)
EXCESS UNBALANCE = 0 Cu. Yds.
 (After Interim Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING
 85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

PETROGLYPH OPERATING CO., INC.

FIGURE #3

TYPICAL RIG LAYOUT FOR

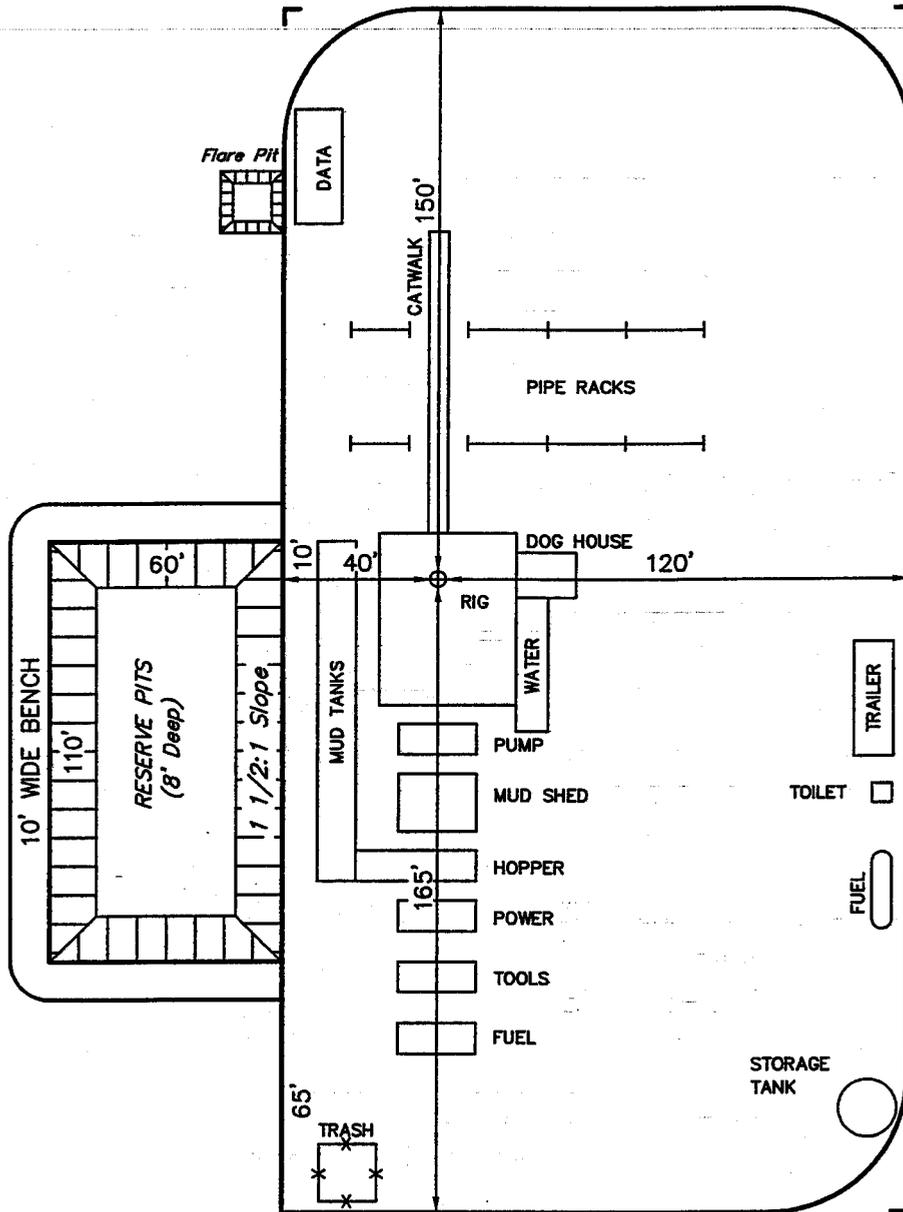
UTE TRIBAL #03-05
SECTION 3, T5S, R3W, U.S.B.&M.
2871' FNL 752' FWL

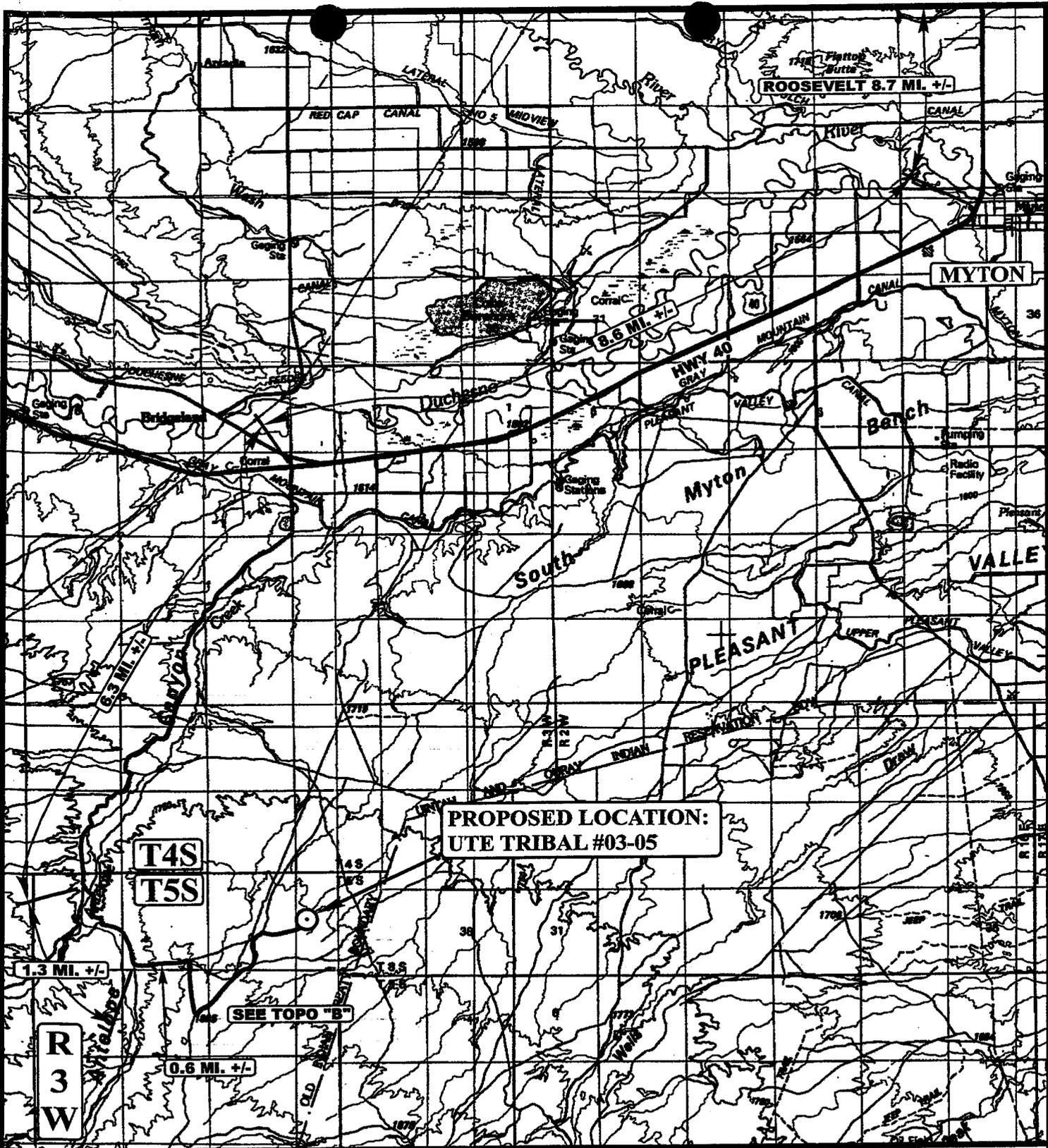


SCALE: 1" = 50'
DATE: 02-03-09
DRAWN BY: D.P.



NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.





**PROPOSED LOCATION:
UTE TRIBAL #03-05**

**T4S
T5S**

**R
3
W**

SEE TOPO "B"

LEGEND:

○ PROPOSED LOCATION

PETROGLYPH OPERATING CO., INC.

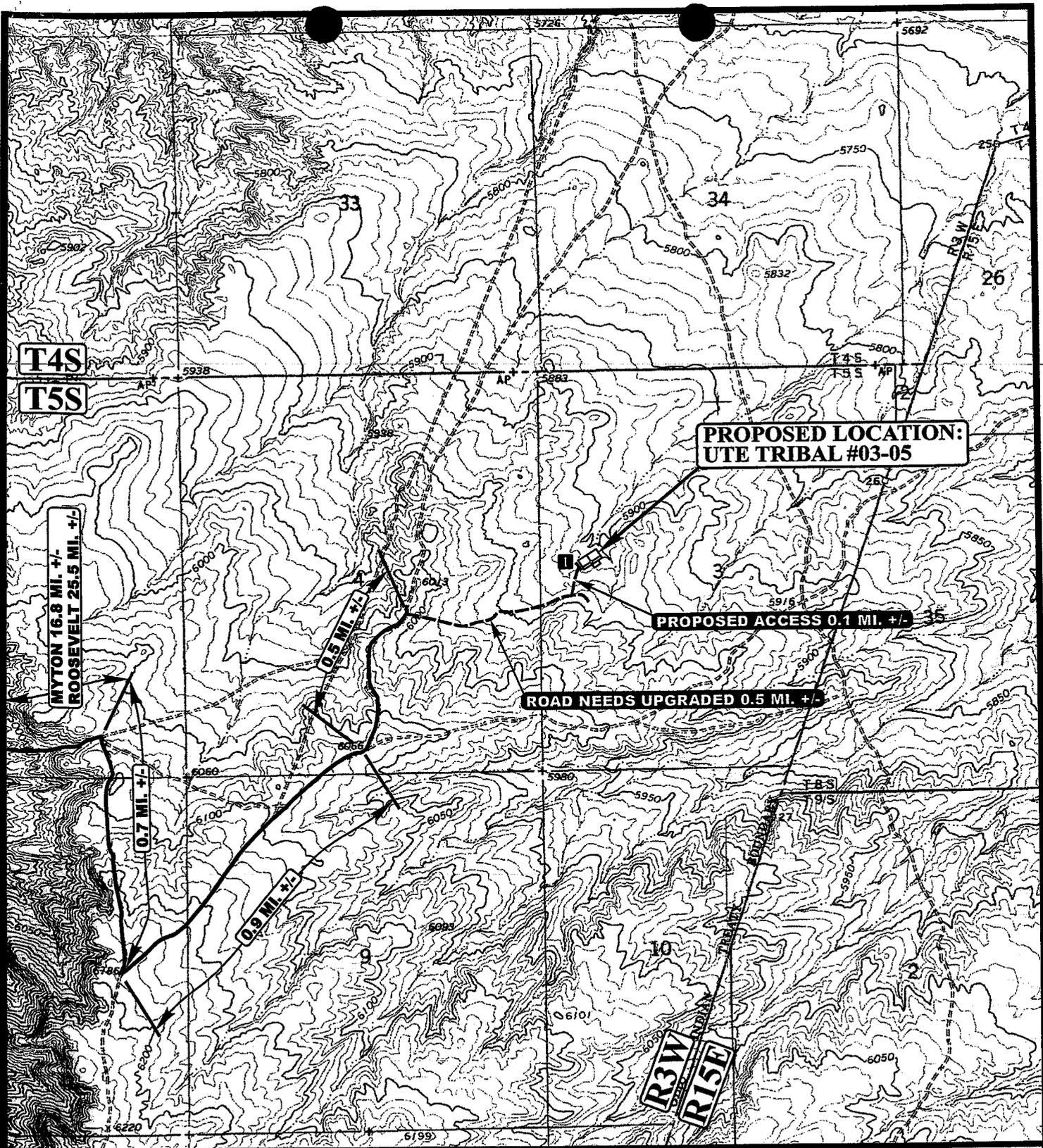
UTE TRIBAL #03-05
SECTION 3, T5S, R3W, U.S.B.M.
2871' FNL 752' FWL



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TOPOGRAPHIC MAP
02 04 09
MONTH DAY YEAR
SCALE: 1:100,000 DRAWN BY: D.P. REVISED: 00-00-00





LEGEND:

- EXISTING ROAD
- - - - - PROPOSED ACCESS ROAD
- - - - - EXISTING ROAD NEEDS UPGRADED
- 18" CMP REQUIRED

PETROGLYPH OPERATING CO., INC.

UTE TRIBAL #03-05
 SECTION 3, T5S, R3W, U.S.B.M.
 2871' FNL 752' FWL

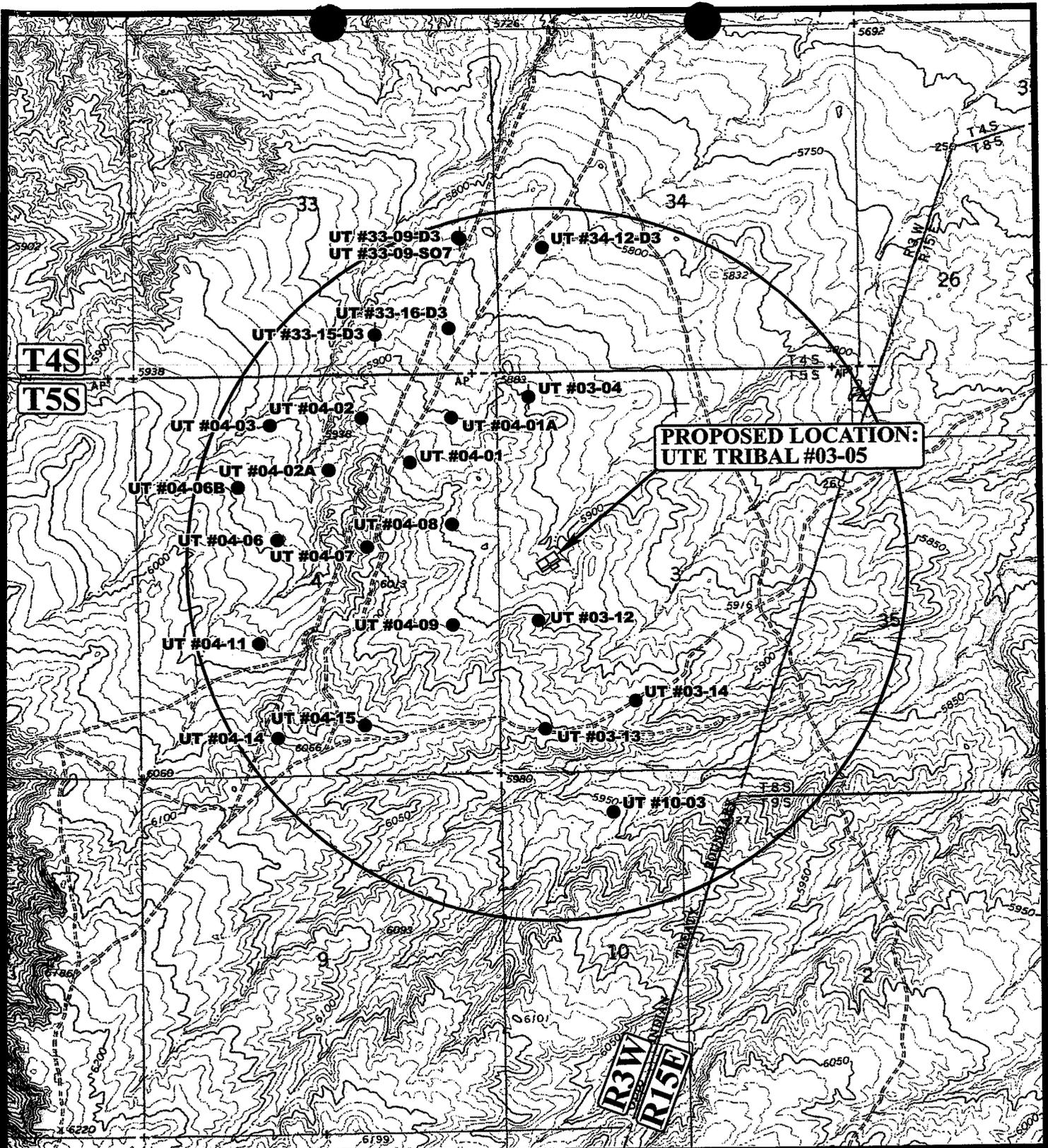


Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813



TOPOGRAPHIC MAP
 MONTH DAY YEAR
 02 04 09
 SCALE: 1" = 2000' DRAWN BY: D.P. REVISED: 00-00-00





**PROPOSED LOCATION:
UTE TRIBAL #03-05**

LEGEND:

- ◊ DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ◊ WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

PETROGLYPH OPERATING CO., INC.

**UTE TRIBAL #03-05
SECTION 3, T5S, R3W, U.S.B.M.
2871' FNL 752' FWL**



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813



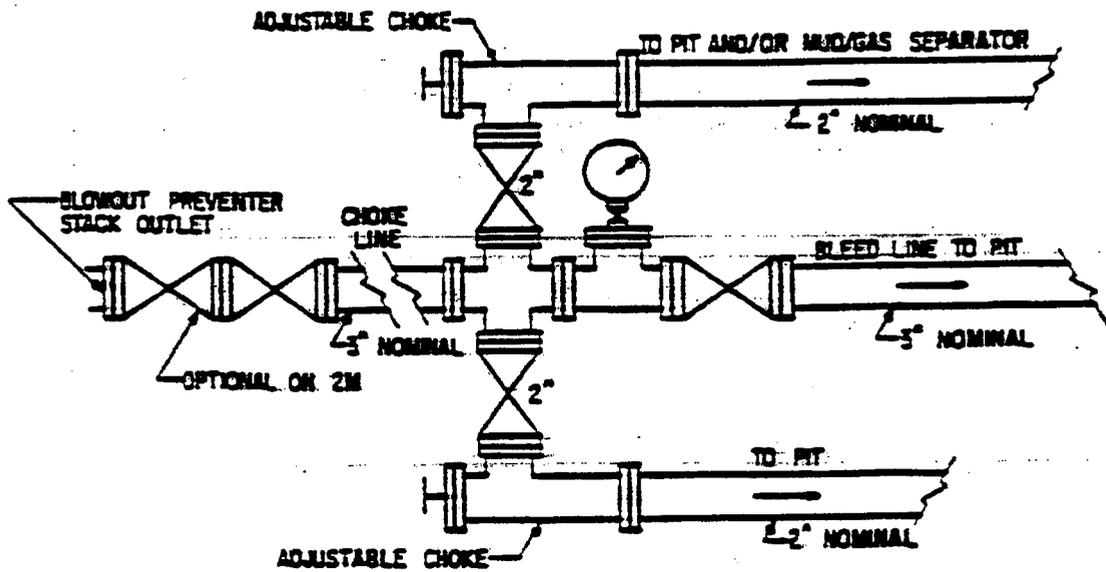
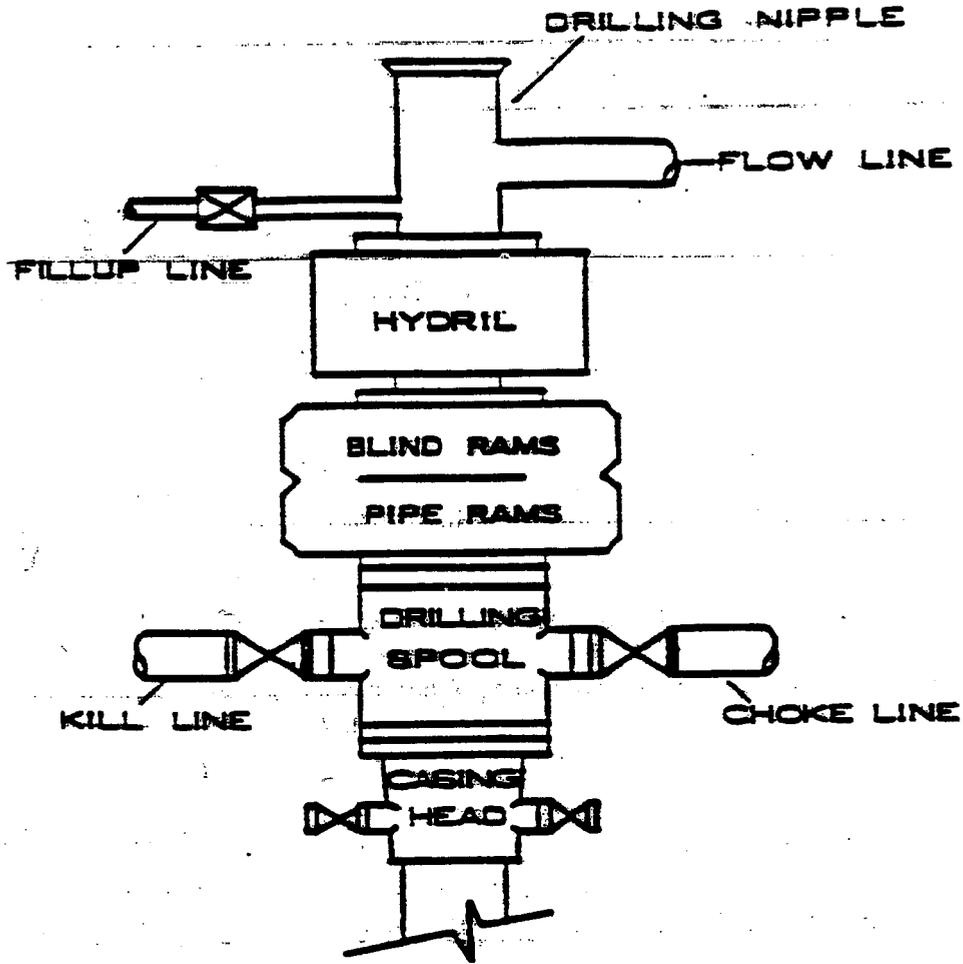
**TOPOGRAPHIC
MAP**

02	04	09
MONTH	DAY	YEAR

SCALE: 1" = 2000' DRAWN BY: D.P. REVISED: 00-00-00



SCHEMATIC DIAGRAM OF 2000 PSI BOP STACK



**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 10/26/2009

API NO. ASSIGNED: 43-013-34289

WELL NAME: UTE TRIBAL 03-05
 OPERATOR: PETROGLYPH OPERATING CO (N3800)
 CONTACT: ED TROTTER

PHONE NUMBER: 435-722-2531

PROPOSED LOCATION:

SWNW 03 050S 030W
 SURFACE: 2871 FNL 0752 FWL
 BOTTOM: 2871 FNL 0752 FWL
 COUNTY: DUCHESNE
 LATITUDE: 40.07681 LONGITUDE: -110.21516
 UTM SURF EASTINGS: 566921 NORTHINGS: 4436367
 FIELD NAME: ANTELOPE CREEK (60)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 2 - Indian
 LEASE NUMBER: 14-20-H62-3502
 SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: CSLPK
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

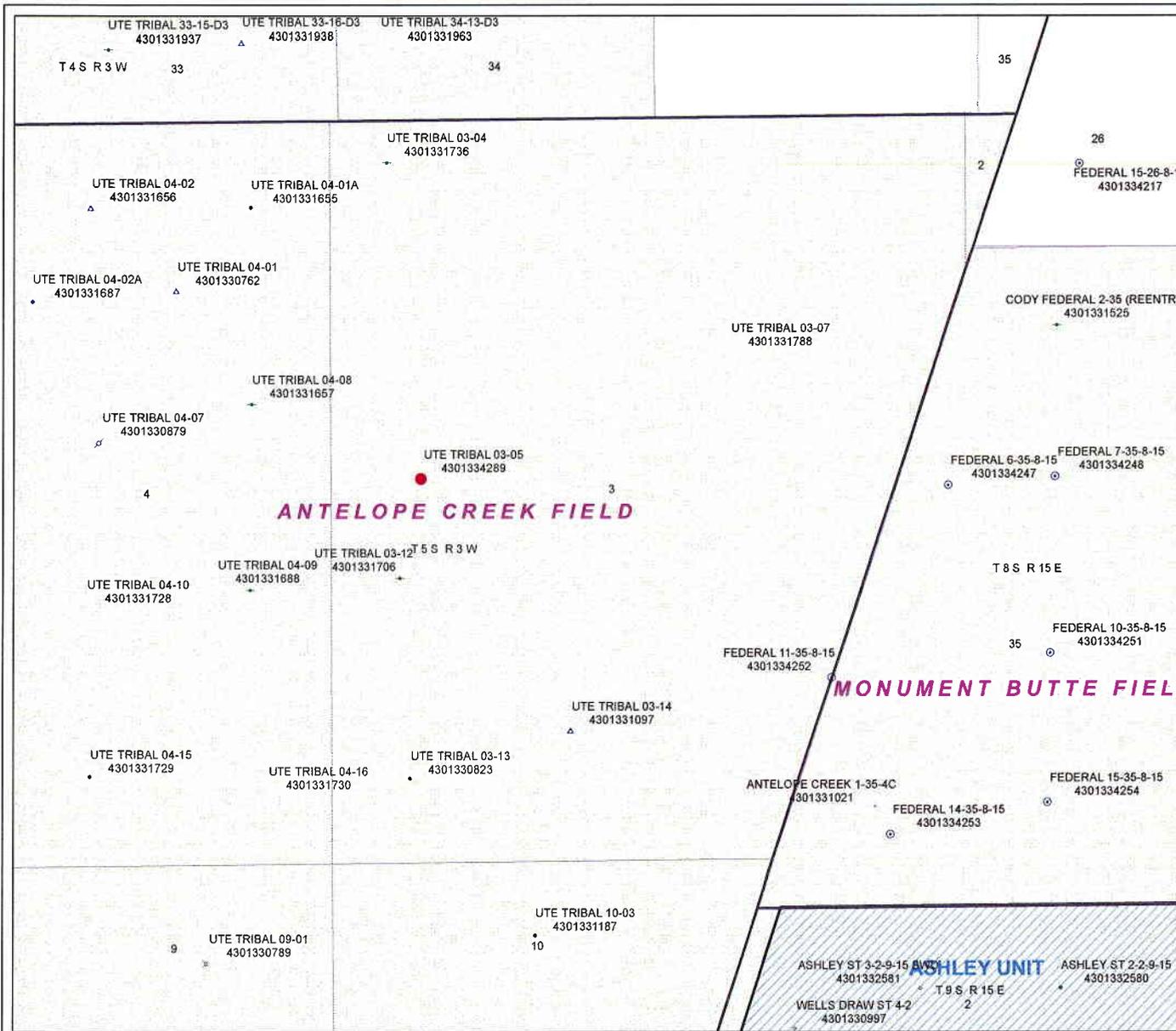
- Plat
- Bond: Fed[] Ind[2] Sta[] Fee[]
(No. BO 4556)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 43-10152)
- RDCC Review (Y/N)
(Date: _____)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

- ___ R649-2-3.
- Unit: _____
- R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
- ___ R649-3-3. Exception
- ___ Drilling Unit
Board Cause No: _____
Eff Date: _____
Siting: _____
- ___ R649-3-11. Directional Drill

COMMENTS: _____

STIPULATIONS: 1- Federal Approval
2- Spacing Stir



API Number: 4301334289
Well Name: UTE TRIBAL 03-05
Township 05.0 S Range 03.0 W Section 03
Meridian: UBM
 Operator: PETROGLYPH OPERATING CO

Map Prepared:
 Map Produced by Diana Mason

- GAS INJECTION
 - GAS STORAGE
 - LOCATION ABANDONED
 - NEW LOCATION
 - PLUGGED & ABANDONED
 - PRODUCING GAS
 - PRODUCING OIL
 - SHUT-IN GAS
 - SHUT-IN OIL
 - TEMP. ABANDONED
 - TEST WELL
 - WATER INJECTION
 - WATER SUPPLY
 - WATER DISPOSAL
- Units
 - Spacing Index
 - ACTIVE FIELD
 - COMBINED FIELD



0 500 60 Feet

1:10,091



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

October 27, 2009

Petroglyph Operating Company
P O Box 607
Roosevelt, UT 84066

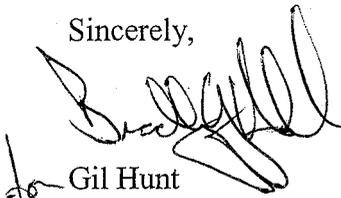
Re: Ute Tribal 03-05 Well, 2871' FNL, 752' FWL, SW NW, Sec. 3, T. 5 South, R. 3 West,
Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-34289.

Sincerely,



Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal Office



Operator: Petroglyph Operating Company
Well Name & Number Ute Tribal 03-05
API Number: 43-013-34289
Lease: 14-20-H62-3502

Location: SW NW Sec. 3 T. 5 South R. 3 West

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

~~CONFIDENTIAL~~

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: DRILL REENTER
1b. Type of Well: Oil Well Gas Well Other Single Zone Multiple Zone

5. Lease Serial No.
14-20-H62-3502

6. If Indian, Allottee or Tribe Name
UTE INDIAN TRIBE

7. If Unit or CA Agreement, Name and No.
UTE TRIBAL (465D)

8. Lease Name and Well No.
UTE TRIBAL 03-05

2. Name of Operator
PETROGLYPH OPERATING CO., INC.

9. API Well No.
43 013 34289

3a. Address **P.O. BOX 607,
ROOSEVELT, UT 84066**

3b. Phone No. (Include area code)
(435)722-2531

10. Field and Pool, or Exploratory
ANTELOPE CREEK

4. Location of Well (Report location clearly and in accordance with any State requirements. *)
At surface **2871' FNL, 752' FWL** **LOT 12**
At proposed prod. Zone

11. Sec., T., R., M., or Blk. and Survey or Area
**SEC. 3, T5S, R3W,
U.S.B.&M.**

14. Distance in miles and direction from nearest town or post office*
19.5 MILES SOUTHWEST OF MYTON, UTAH

12. County or Parish **DUCHESNE** 13. State **UTAH**

15. Distance from proposed* location to nearest property or lease line, ft. **752'**
(Also to nearest drig. Unit line, if any)

16. No. of Acres in lease
649.34

17. Spacing Unit dedicated to this well

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. **See Topo Man "C"**

19. Proposed Depth
6466'

20. BLM/BIA Bond No. on file
BO 4556

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5908.7 FEET GRADED GROUND

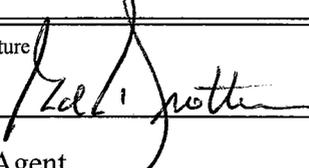
22. Approximate date work will start*
UPON APPROVAL

23. Estimated duration
45 DAYS

24. Attachments

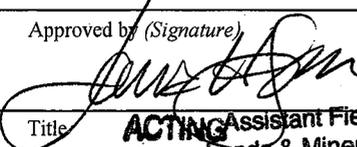
The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- 1. Well plat certified by a registered surveyor.
- 2. A Drilling Plan.
- 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- 5. Operator certification.
- 6. Such other site specific information and/or plans as may be required by the law.

25. Signature 
Title **Agent**

Name (Printed/Typed) **Ed Trotter**

Date **September 9, 2009**

Approved by (Signature) 
Title **ACTING Assistant Field Manager
Lands & Mineral Resources**

Name (Printed/Typed) **James H. Sparger**
Office **VERNAL FIELD OFFICE**

DEC 07 2009
FEB 02 2010

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of Approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



NOTICE OF APPROVAL

NOS 4-15-09

AFMSS# 09530099A



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Petroglyph Operating Co., Inc.
Well No: Ute Tribal 03-05
API No: 43-013-34289

Location:
Lease No:
Agreement:

Lot #12, Sec. 3, T5S, R3W
14-20-H62-3502

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Construction Activity (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	- The Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist shall be notified at least 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday.
Construction Completion (Notify Ute Tribe Energy & Minerals Dept. and BLM Environmental Scientist)	- Upon completion of the pertinent APD/ROW construction, notify the Ute Tribe Energy & Minerals Dept. for a Tribal Technician to verify the Affidavit of Completion. Notify the BLM Environmental Scientist prior to moving on the drilling rig.
Spud Notice (Notify BLM Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify BLM Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings to: ut_vn_opreport@blm.gov .
BOP & Related Equipment Tests (Notify BLM Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify BLM Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

***SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)***

- A 30 foot corridor access road right-of-way shall be approved.
- A qualified Archaeologist accompanied by a Tribal Technician will monitor trenching construction of pipeline.
- The Ute Tribe Energy & Minerals Department is to be notified, in writing 48 hours prior to construction of pipeline.
- Construction Notice shall be given to the department on the Ute Tribe workdays, which are Monday through Thursday. The Company understands that they may be responsible for costs incurred by the Ute Tribe after hours.
- The Company shall inform contractors to maintain construction of pipelines within the approved ROW's.
- The Company shall assure the Ute Tribe that "ALL CONTRACTORS, INCLUDING SUB-CONTRACTORS, LEASING CONTRACTORS, AND ETC." have acquired a current and valid Ute Tribal Business License and have "Access Permits" prior to construction, and will have these permits in all vehicles at all times.
- You are hereby notified that working under the "umbrella" of a company does not allow you to be in the field, and can be subject to those fines of the Ute Tribe Severance Tax Ordinance.
- Any deviation of submitted APD's and ROW applications the Companies will notify the Ute Tribe and BIA in writing and will receive written authorization of any such change with appropriate authorization.
- The Company will implement "Safety and Emergency Plan." The Company's safety director will ensure its compliance.
- All Company employees and/or authorized personnel (sub-contractors) in the field will have approved applicable APD's and/or ROW permits/authorizations on their person(s) during all phases of construction.
- All vehicular traffic, personnel movement, construction/restoration operations shall be confined to the area examined and approved, and to the existing roadways and/or evaluated access routes.
- All personnel shall refrain from collecting artifacts, any paleontological fossils, and from disturbing any significant cultural resources in the area.
- The personnel from the Ute Tribe Energy & Minerals Department shall be notified should cultural remains from subsurface deposits be exposed or identified during construction. All construction will cease.
- All mitigative stipulations contained in the Bureau of Indian Affairs Site Specific Environmental Assessment (EA) will be strictly adhered.

- Upon completion of Application for Corridor Right-Way, the company will notify the Ute Tribe Energy & Minerals Department, so that a Tribal Technician can verify Affidavit of Completion.

Additional Conditions of Approval

- Paint all facilities and equipment desert tan.
- Round corners per tech approval.
- Construct diversion ditch.

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

- A formation integrity test shall be performed at the surface casing shoe.
- Gamma Ray Log shall be run from Total Depth to Surface.
- Operator must notify BLM Vernal office of any active Gilsonite operation within 2 miles of the location 48 hours prior to any blasting on this well location

Variations Granted

Air Drilling

- Blooie line discharge 100' from the well bore, variance granted for blooie line discharge to be 75' from the well bore and not in a straight line.
- Automatic igniter. Variance granted for igniter.
- A requirement of a water mister when air drilling only.
- The BOP stack must be 2000 psi or higher rated to meet maximum potential surface pressure.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location ($\frac{1}{4}$ / $\frac{1}{4}$, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or

BLM - Vernal Field Office - Notification Form

Operator Petroglyph Operating Co. Rig Name/#
_Submitted By Glenda Davis Phone Number 435-722-5303
Well Name/Number Ute Tribal 03-05
Qtr/Qtr SW/NW Section 3 Township 5S Range R3W
Lease Serial Number 14-20-H62-3502
API Number 43-013-34289

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 6/24/2010 8:00 AM PM

Casing – Please report time casing run starts, not cementing times.

- Surface Casing
- Intermediate Casing
- Production Casing
- Liner
- Other

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Date/Time _____ AM PM

BOPE

- Initial BOPE test at surface casing point
- BOPE test at intermediate casing point
- 30 day BOPE test
- Other

Date/Time _____ AM PM

Remarks _____

ENTITY ACTION FORM

Operator: PETROGLYPH OPERATING COMPANY Operator Account Number: N 3800
 Address: PO BOX 607
city ROOSEVELT
state UT zip 84066 Phone Number: (435) 722-2531

Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
4301334289	UTE TRIBAL 03-05	SWNW	3	5S	3W	DUCHESE
Action Code	Current Entity Number	New Entity Number		Spud Date		Entity Assignment Effective Date
A	99999	17709		6/24/10		7/27/10
Comments: THIS WELL WILL BE ON IT'S OWN TANK BATTERY <i>CSLPK = GRRV</i>						

Well 2

API Number	Well Name	QQ	Sec	Twp	Rng	County
4301334291	UTE TRIBAL 28-07	SWNE	28	5S	3W	DUCHESNE
Action Code	Current Entity Number	New Entity Number		Spud Date		Entity Assignment Effective Date
A	99999	17710		6/8/10		7/27/10
Comments: THIS WELL WILL BE ON IT'S OWN TANK BATTERY <i>CSLPK = GRRV</i>						

Well 3

API Number	Well Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number		Spud Date		Entity Assignment Effective Date
Comments:						

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

GLEND A DAVIS

Name (Please Print)

Signature

OFFICE MANAGER

Title

7/13/2010

Date

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JUL 13 2010

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: 1420H623502
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: UTE INDIAN TRIBE
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: 1420H624650
2. NAME OF OPERATOR: PETROGLYPH OPERATING COMPANY		8. WELL NAME and NUMBER UTE TRIBAL 03-05
3. ADDRESS OF OPERATOR: PO BOX 607 CITY ROOSEVELT STATE UT ZIP 84066		9. API NUMBER 4301334289
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2871 FNL, 752 FWL		10. FIELD AND POOL, OR WILDCAT: ANTELOPE CREEK FIELD
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 3 T5S R3W 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 type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER SPUD
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12 DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
WE SPUD THIS WELL ON 6/24/2010

NAME (PLEASE PRINT) GLEND A DAVIS	TITLE OFFICE MANAGER
SIGNATURE	DATE 7/13/2010

(This space for State use only)

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STATE
03-05

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

AMENDED REPORT FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL GAS WELL DRY OTHER _____
b. TYPE OF WORK: NEW WELL HORIZ. LATS. DEEP-EN. RE-ENTRY DIFF. RESVR. OTHER _____

5. LEASE DESIGNATION AND SERIAL NUMBER:
1420H623502

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
UTE TRIBE

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:
UTE TRIBAL 03-05

9. API NUMBER:
4301334289

2. NAME OF OPERATOR:
PETROGLYPH

3. ADDRESS OF OPERATOR:
BOX 607 CITY ROOSEVELT STATE UT ZIP 84066 PHONE NUMBER: (435) 722-2531

10 FIELD AND POOL, OR WILDCAT
ANTELOPE CREEK

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 2871' FNL/752 FWL SW/NW SEC. 3
AT TOP PRODUCING INTERVAL REPORTED BELOW: 3383' FNL/698' FWL SW/NW SEC. 3
AT TOTAL DEPTH: 3369' FNL/692' FWL SW/NW SEC. 3
BHL reviewed by HSM

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
SWNW 3 5S 3W

12. COUNTY DUCHESNE 13. STATE UTAH

14. DATE SPUNNED: 6/24/2010 15. DATE T.D. REACHED: 7/3/2010 16. DATE COMPLETED: 7/26/2010 ABANDONED READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):
5923 KBRT

18. TOTAL DEPTH: MD 6,474 TVD 6,434 19. PLUG BACK T.D.: MD 6,395 TVD 6,335.55

20. IF MULTIPLE COMPLETIONS, HOW MANY? * 21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
ACTR, SPEC. DNL DUAL SPACE, CBL

23. WAS WELL CORED? NO YES (Submit analysis)
WAS DST RUN? NO YES (Submit report)
DIRECTIONAL SURVEY? NO YES (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
20	14 J55	42	0	40		REDINA		0	CONDUCT
12.25	8.625 J55	24	0	512		G 220	46	0	SURF.
7.875	5.5 J55	15.5	0	6,503		G 1,105	333		PROD

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.875	6,165							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) GREEN RIVER	4,351	6,101		
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
4,351 4,363	.42	48	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
5,121 5,130	.42	36	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
5,336 5,352	.42	64	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
5,825 5,836	.42	44	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
4351-4363	30,000# @ 1#-5# & 5,900# OF 6# SAND 20/40 W/320 BBLS 15# DELTA 140 W/250 GAL 15% HCL
5121-5130	24,300# @ 1#-5# SAND 20/40 W/275 BBLS. 15# DELTA 140 W/250 GALS 15% HCL
	48,000# @ 1#-5# & 9,900# OF 6# SAND 20/40 W/523 BBLS 15# DELTA 140 W/250 GAL 15% HCL

29. ENCLOSED ATTACHMENTS:

ELECTRICAL/MECHANICAL LOGS GEOLOGIC REPORT DST REPORT DIRECTIONAL SURVEY
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION CORE ANALYSIS OTHER: _____

30. WELL STATUS:
POW

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 7/27/2010		TEST DATE: 7/28/2010		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL – BBL: 165	GAS – MCF: 41	WATER – BBL: 61	PROD. METHOD: ROD PUMP
CHOKE SIZE: 32	TBG. PRESS. 185	CSG. PRESS. 602	API GRAVITY 33.00	BTU – GAS 1	GAS/OIL RATIO 248	24 HR PRODUCTION RATES: →	OIL – BBL: 165	GAS – MCF: 41	WATER – BBL: 61	INTERVAL STATUS: OPEN

INTERVAL B (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL D (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

**32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)
USED FOR FUEL**

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				MAHOGANY MKR.	3,044
				GARDEN GULCH	3,805
				B MKR.	4,208
				X MKR.	4,704
				Y MKR.	4,734
				DOUGLAS CREEK MKR.	4,856
				B LIME	5,259
				CASTLE PEAK MKR.	5,798
				BASAL CARBONATE	6,190

35. ADDITIONAL REMARKS (Include plugging procedure)

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) BOYD COOK TITLE RIG REP
 SIGNATURE *Boyd Cook* DATE 8-25-10

This report must be submitted within 30 days of

- completing or plugging a new well
- reentering a previously plugged and abandoned well
- drilling horizontal laterals from an existing well bore
- significantly deepening an existing well bore below the previous bottom-hole depth
- recompleting to a different producing formation
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top – Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining Phone: 801-538-5340
 1594 West North Temple, Suite 1210
 Box 145801 Fax: 801-359-3940
 Salt Lake City, Utah 84114-5801

PETROGLYPH



UTE TRIBAL 03-05 COMPLETION

**CONTINUATION OF OF PERF. INTERVALS AND FRACS.
FORM 8 SEC. 27**

PERFS. CONT:

6093'-6101'=.42 DIA 32 HOLES OPEN

ALL SHOTS 90 DEGREE PHASING 4SPF

FORM 8 SEC. 28

FRACS. CONT:

DEPTH INTERVAL:

5825'-5836'=29,800# OF 1#-5# RAMP AND 5,900# OF 6# OF 20/40 SAND W/320
BBLs #15 DELTA 140 W/250 GALS 15% HCL

6093'-6101'=24,500# OF 1#-5# RAMP 20/40 SAND W/270 BBLs #15 DELTA 140
W/250 GALS 15% HCL

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Wellbore Viewer

File View Settings Help

Top View

Well Name: UTE TRIBAL 03-05 WellUseID: 1009

API code: 4932209600 County: CUCHESE, UT

sect town range Q1 Q2 Q3 XLoc YLoc Latitude Longitude

03 35 57 52 NS 3932 468821 40.0763 110.4157

Feet from Line Feet from Line

Engineer: Technician Pumper
 MKE RACHNEZ MERRILL DOL

Spud date: 6/24/2010 Compl date: 7/25/2010 KB height: 12 TD drill depth: 6473 TD log depth: 5475 TVD: 5475

Casing					
Date In	Casing Type	Hole Diam	Size	Well	
6/24/2010	1. Conductor	20	14		
6/25/2010	3. Surface	12.25	8.625		
7/5/2010	5. Production	7.875	5.5		

Tubing					
Date In	Size	Wt	Grade	Cplg OD	ID
7/25/2010	2.875	6.5	J-55	3.668	2
8/9/2010	2.875	6.5	J-55	3.668	2

Formations	Perforations	Sucker Rods	Notes	Survey	Mud Weights
Mahogany Shale		3023		0	2886
"X" Marker		4654		0	1295
Douglas Creek		4797		0	1112
"B" Limestone		5191		0	718
B/Castle Peak Limestone		5765		0	143

UTe TRIBAL 03-05
 B/ Castle Peak Limestone
 Douglas Creek

1. Conductor hole
 Casing Short #: Sz = 5.5, Wt = 15.5, Gd = J-55, Len = 15.7, Bottom Depth = 29.7
 Float Collar Top Co: Sz = 8.625, Wt = 24, Gd = J-55, Len = 1.24, Bottom Depth = 466.09

2. Surface hole
 Casing: Sz = 14, Wt = 42, Gd = K-55, Len = 40, Bottom Depth = 54
 Casing shoe base Top Co: Sz = 8.625, Wt = 24, Gd = J-55, Len = 1, Bottom Depth = 512.19
 Anchor 5 1/2" b2: Sz = 2.875, Wt = 6.5, Gd = J-55, Len = 2.8

3. Production hole
 Casing: Sz = 8.625, Wt = 24, Gd = J-55, Len = 450.85, Bottom Depth = 464.85
 Tubing: Sz = 2.875, Wt = 6.5, Gd = J-55, Len = 1821.12
 Seating Nipple: Sz = 2.875, Wt = 6.5, Gd = J-55, Len = 1.1
 Tail Joints: Sz = 2.875, Wt = 6.5, Gd = J-55, Len = 32.52
 Notched collar: Sz = 2.875, Wt = 6.5, Gd = J-55, Len = 0.45
 Casing Marker #: Sz = 5.5, Wt = 15.5, Gd = J-55, Len = 22.4, Bottom Depth = 3888.4
 Casing Shoe #: Sz = 5.5, Wt = 15.5, Gd = J-55, Len = 42.2, Bottom Depth = 6501.7
 Float Collar Float: Sz = 0, Wt = 0, Gd = J-55, Len = 1, Bottom Depth = 6499.5

Survey Plot: -0.9196, 528.95

Job Number: 42def1006673

Company: petroglyph

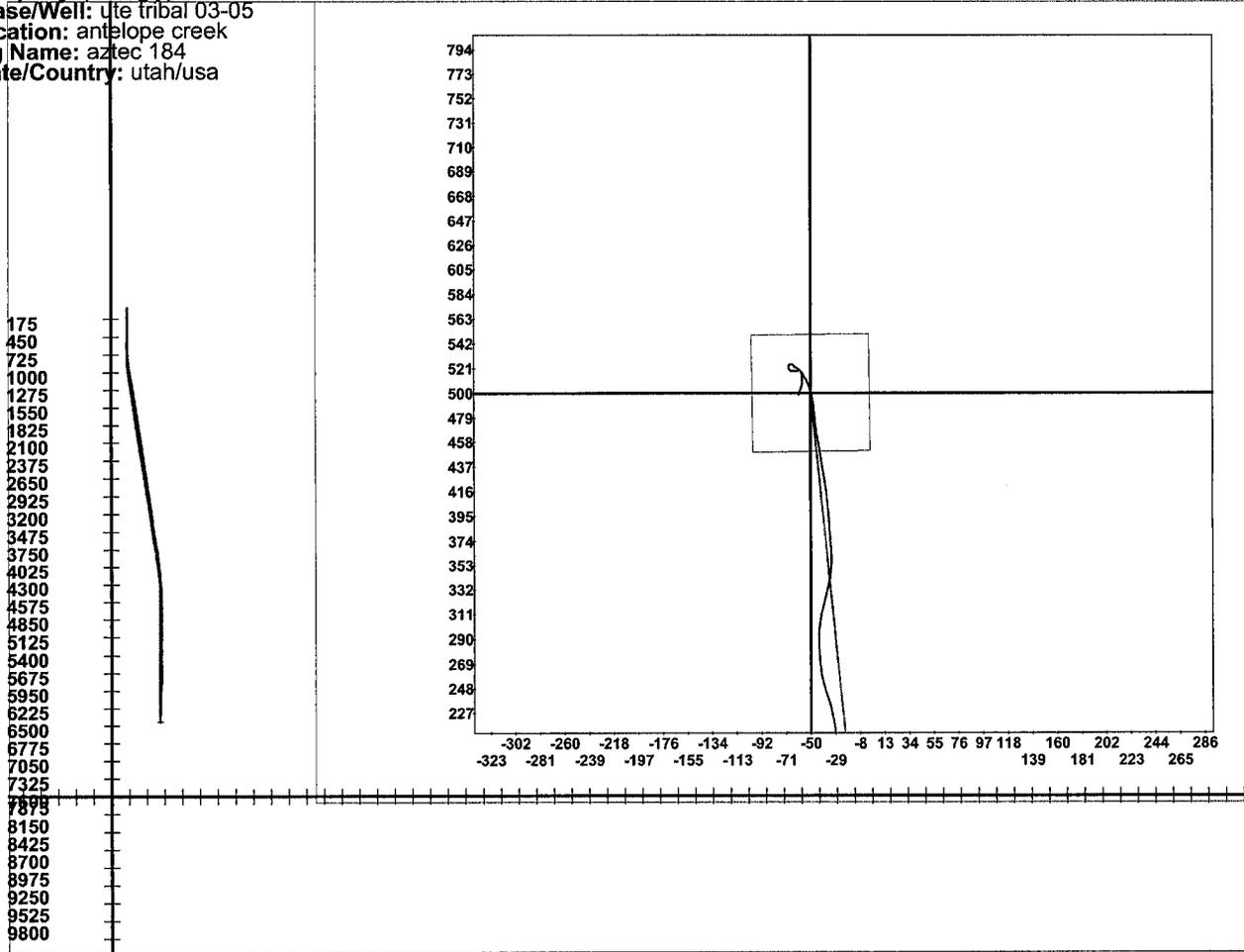
Lease/Well: Ute tribal 03-05

Location: antelope creek

Rig Name: aztec 184

State/Country: utah/usa

File name: D:\WINSERVE\03-05.SVY



-16280752525 575 1125 6752222773323873423975525075625175723273825379925104751025 5752125673225775323875425975525075
 -135000-250300 850 140095025005060015070625580063569007450005501006501020075013008302400290350003046001557062568007350

-- AS DRILLED -- Ute Tribal 03-05 --

Job Number: 42def1006673
Company: petroglyph
Lease/Well: ute tribal 03-05
Location: antelope creek
Rig Name: aztec 184
RKB: 5923
G.L. or M.S.L.: 5909

State/Country: utah/usa
Declination: 11.50
Grid:]
File name: D:\WINSERVE\03-05.SVY
Date/Time: 04-Jul-10 / 06:33
Curve Name: AS DRILLED

Scientific Drilling

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 354.29
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
547.00	.18	164.52	547.00	-.83	.23	-.85	.86	164.52	.03
577.00	.18	208.99	577.00	-.91	.22	-.93	.94	166.53	.45
608.00	.35	31.37	608.00	-.88	.24	-.90	.91	164.40	1.71
638.00	1.41	37.17	637.99	-.50	.52	-.55	.72	134.36	3.54
669.00	2.55	36.81	668.98	.35	1.16	.23	1.21	73.11	3.68
700.00	3.52	35.50	699.93	1.68	2.12	1.46	2.71	51.69	3.14
730.00	3.87	31.19	729.87	3.29	3.18	2.96	4.58	44.02	1.49
760.00	3.96	21.96	759.80	5.12	4.10	4.69	6.56	38.65	2.12
791.00	4.48	12.12	790.72	7.30	4.75	6.79	8.71	33.06	2.87
821.00	5.28	5.96	820.61	9.82	5.14	9.26	11.08	27.63	3.18
852.00	5.80	7.11	851.46	12.79	5.48	12.18	13.91	23.20	1.72
883.00	6.60	8.51	882.28	16.11	5.94	15.44	17.17	20.24	2.63

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
914.00	7.39	5.63	913.05	19.85	6.40	19.12	20.86	17.86	2.79
944.00	7.83	2.10	942.79	23.81	6.66	23.03	24.73	15.63	2.14
974.00	8.35	358.32	972.49	28.03	6.67	27.23	28.82	13.39	2.48
1005.00	9.06	356.30	1003.13	32.72	6.45	31.92	33.35	11.15	2.49
1035.00	9.50	357.00	1032.74	37.55	6.17	36.75	38.05	9.33	1.51
1066.00	9.41	356.47	1063.32	42.63	5.88	41.84	43.04	7.85	.40
1097.00	9.67	353.31	1093.89	47.75	5.42	46.97	48.05	6.47	1.89
1128.00	10.55	348.91	1124.41	53.12	4.57	52.40	53.32	4.92	3.78
1159.00	10.99	346.54	1154.86	58.78	3.34	58.15	58.87	3.25	2.01
1191.00	11.08	343.03	1186.27	64.69	1.73	64.19	64.71	1.53	2.12
1222.00	11.34	342.50	1216.68	70.44	-.06	70.10	70.44	359.95	.90
1254.00	11.43	341.97	1248.05	76.46	-1.98	76.27	76.48	358.51	.43
1285.00	10.99	339.16	1278.46	82.14	-3.99	82.13	82.24	357.22	2.26
1317.00	10.55	335.82	1309.89	87.66	-6.27	87.85	87.89	355.91	2.39
1349.00	10.20	331.34	1341.37	92.82	-8.83	93.24	93.24	354.57	2.75
1380.00	10.20	330.02	1371.88	97.61	-11.52	98.27	98.28	353.27	.75
1412.00	9.85	330.98	1403.39	102.46	-14.26	103.37	103.44	352.07	1.21
1444.00	9.15	333.71	1434.95	107.13	-16.72	108.26	108.43	351.13	2.60
1476.00	9.15	338.10	1466.55	111.77	-18.79	113.09	113.34	350.46	2.18
1508.00	9.15	345.05	1498.14	116.59	-20.40	118.04	118.36	350.08	3.45
1538.00	9.58	351.64	1527.74	121.37	-21.38	122.89	123.23	350.01	3.85
1570.00	9.67	356.38	1559.29	126.68	-21.93	128.24	128.57	350.18	2.49
1601.00	9.85	356.56	1589.84	131.93	-22.26	133.49	133.79	350.42	.59
1633.00	9.58	354.80	1621.38	137.31	-22.66	138.88	139.17	350.63	1.25
1728.00	8.62	350.94	1715.19	152.21	-24.50	153.90	154.17	350.86	1.20
1821.00	7.91	357.18	1807.22	165.49	-25.91	167.25	167.51	351.10	1.23
1916.00	8.18	358.67	1901.29	178.77	-26.39	180.51	180.71	351.60	.36
2010.00	8.35	354.98	1994.31	192.26	-27.14	194.01	194.17	351.96	.59
2105.00	8.79	352.25	2088.25	206.32	-28.73	208.16	208.31	352.07	.63
2199.00	9.32	351.73	2181.08	220.97	-30.79	222.94	223.11	352.07	.57
2294.00	7.30	342.06	2275.08	234.33	-33.76	236.53	236.75	351.80	2.58
2389.00	7.56	340.92	2369.29	245.98	-37.66	248.50	248.84	351.30	.31
2485.00	8.79	349.88	2464.31	259.17	-41.01	261.96	262.39	351.01	1.84
2577.00	8.71	359.20	2555.25	273.05	-42.34	275.91	276.32	351.19	1.54

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
2672.00	7.39	353.31	2649.31	286.31	-43.16	289.19	289.55	351.43	1.64
2767.00	6.95	7.81	2743.57	298.08	-43.09	300.89	301.18	351.78	1.95
2862.00	9.15	9.22	2837.63	311.23	-41.09	313.77	313.93	352.48	2.32
2956.00	10.82	17.65	2930.21	327.02	-37.22	329.10	329.13	353.51	2.36
3051.00	8.71	7.72	3023.83	342.64	-33.55	344.28	344.28	354.41	2.83
3145.00	8.44	1.22	3116.79	356.60	-32.45	358.05	358.07	354.80	1.07
3241.00	7.03	352.43	3211.91	369.46	-33.07	370.92	370.94	354.88	1.91
3337.00	8.62	357.79	3307.02	382.48	-34.12	383.97	384.00	354.90	1.82
3429.00	8.35	355.42	3398.01	396.02	-34.92	397.53	397.56	354.96	.48
3525.00	9.41	354.89	3492.86	410.79	-36.18	412.35	412.38	354.97	1.11
3619.00	8.79	349.35	3585.68	425.50	-38.19	427.19	427.21	354.87	1.14
3713.00	8.79	350.41	3678.57	439.64	-40.71	441.51	441.52	354.71	.17
3809.00	8.18	351.46	3773.52	453.63	-42.95	455.65	455.66	354.59	.66
3903.00	6.95	348.30	3866.70	465.81	-45.10	467.99	467.99	354.47	1.38
3997.00	6.95	357.00	3960.01	477.06	-46.55	479.33	479.33	354.43	1.12
4091.00	6.42	353.31	4053.38	487.96	-47.46	490.26	490.26	354.45	.73
4187.00	5.54	346.89	4148.85	497.80	-49.13	500.22	500.22	354.36	1.15
4279.00	4.84	341.44	4240.48	505.81	-51.38	508.41	508.41	354.20	.93
4374.00	4.04	327.47	4335.19	512.43	-54.45	515.31	515.32	353.93	1.41
4469.00	2.29	330.19	4430.04	516.90	-57.20	520.02	520.05	353.69	1.85
4564.00	1.93	317.01	4524.98	519.72	-59.23	523.03	523.08	353.50	.63
4659.00	1.85	288.45	4619.93	521.37	-61.78	524.93	525.02	353.24	.98
4754.00	.88	321.67	4714.90	522.43	-63.68	526.17	526.30	353.05	1.28
4849.00	1.06	326.85	4809.89	523.74	-64.62	527.57	527.71	352.97	.21
4944.00	1.49	293.89	4904.87	524.97	-66.23	528.96	529.13	352.81	.88
5040.00	1.93	213.12	5000.84	524.12	-68.25	528.31	528.55	352.58	2.33
5135.00	1.58	172.17	5095.80	521.49	-68.95	525.76	526.02	352.47	1.34
5229.00	2.11	121.98	5189.75	519.29	-67.30	523.41	523.63	352.62	1.74
5324.00	2.46	82.08	5284.68	518.64	-63.80	522.42	522.55	352.99	1.68
5419.00	1.06	77.95	5379.64	519.11	-60.92	522.59	522.67	353.31	1.48
5515.00	.26	78.65	5475.63	519.33	-59.84	522.71	522.77	353.43	.83
5609.00	.53	85.07	5569.63	519.41	-59.20	522.73	522.78	353.50	.29
5702.00	1.14	156.52	5662.62	518.60	-58.40	521.84	521.88	353.58	1.18
5795.00	1.32	166.98	5755.60	516.71	-57.79	519.89	519.93	353.62	.31

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
5891.00	1.49	175.86	5851.57	514.39	-57.45	517.55	517.59	353.63	.29
5986.00	1.32	171.64	5946.54	512.07	-57.20	515.22	515.26	353.63	.21
6079.00	1.41	181.39	6039.51	509.87	-57.07	513.02	513.05	353.61	.27
6174.00	1.76	190.97	6134.48	507.27	-57.38	510.46	510.50	353.55	.46
6268.00	1.76	195.54	6228.43	504.46	-58.04	507.73	507.79	353.44	.15
6363.00	1.76	201.79	6323.39	501.70	-58.97	505.08	505.15	353.30	.20
6412.00	1.85	203.37	6372.36	500.28	-59.57	503.72	503.81	353.21	.21
--projection to bit--									
6474.00	1.85	203.37	6434.33	498.44	-60.36	501.97	502.08	353.10	.00

WELL PROFILE

OPERATOR PETROGRYPH
 WELL # Ute Tribal 03-05
 FIELD Antelope Canyon
 COUNTY Duchesne
 STATE Utah
 DATE 8-09-10

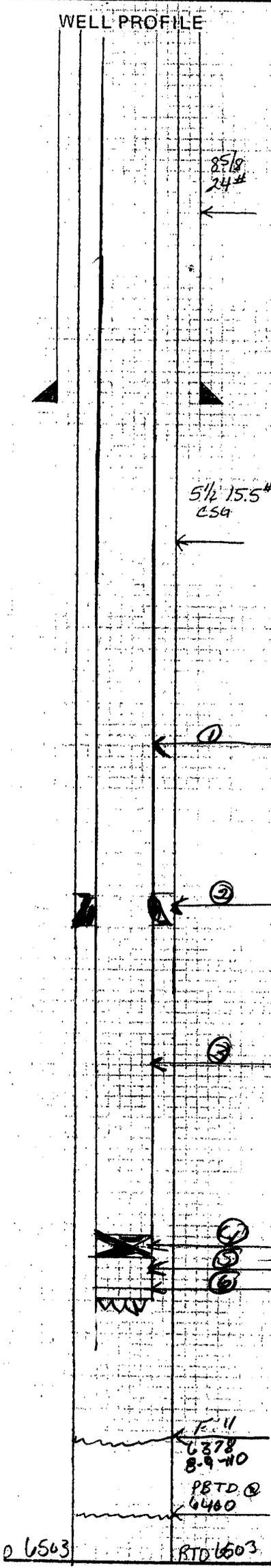
NEW COMPLETION WORKOVER

	Casing	Liner	Tubing
SIZE	8 7/8	5 1/2	2 7/8
WEIGHT	24#	15.5	6.5
GRADE	J55	J55	J55
THREAD		2-T4	8-T4
DEPTH	512	6503	4164

ITEM NO.	EQUIPMENT AND SERVICES		
	KB	14.00	
1	132 JTS 2 7/8 6.5 J55 8nd	4292.64	4306.64
2	6 1/2 B-27A w/ 45 shear	2.80	4309.44
3	56 JTS 2 7/8 6.5 J55 8nd	1821.12	6130.56
4	2 7/8 PSA (228ZD)	1.16	6131.72
5	134 2 7/8 6.5 J55 8nd	3252	6164.18
6	2 7/8 N/w/FO	.45	6164.63
	9 1/2" stretch = 10K		
	1 1/2 x 22 P/2 w/liner		
	2' x 7/8 Pony		
	87-7/8 Grade D Slick		
	139-3/4 Grade D Slick		
	19-3/4 Grade D Guided Sper Every 4th F/10 MPD		
	2' x 1 1/2 x 12 x 15 x 17 12HAC Spray metal		
	National PT 222 3cup top single valve		
BS	4351-63	48 HIS	
CS.1	5121-30	36 HIS	
D3	5336-52	64 HIS	
E1.1	5825-36	44 HIS	
E6	6093-6101	32 HIS	

COMMENTS:
 Note: Had trouble setting tool. Had to use torque
 crooked hole 8-9-10 File 6378

PREPARED BY AK Row OFFICE PHONE



6563 RTD 6503

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

FORM 9

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.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: 1420H623502
2. NAME OF OPERATOR: PETROGLYPH OPERATING COMPANY, INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE INDIAN TRIBE
3. ADDRESS OF OPERATOR: PO BOX 607 CITY ROOSEVELT STATE UT ZIP 84066		7. UNIT or CA AGREEMENT NAME: 1420H624650
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2871 FNL 752 FWL QTR/QR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNW 3 T5S R3W		8. WELL NAME and NUMBER: UTE TRIBAL 03-05
PHONE NUMBER: (435) 722-2531		9. API NUMBER: 4301334289
COUNTY: DUCHESNE		10. FIELD AND POOL, OR WILDCAT: ANTELOPE CREEK
STATE: UTAH		

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input checked="" type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Date of first production for the well was on 7/28/2010

RECEIVED

JUL 21 2011

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>Leon Roush</u>	TITLE <u>Rig Supervisor</u>
SIGNATURE <u><i>L. Roush</i></u>	DATE <u>7/21/2011</u>

(This space for State use only)