FIML NATURAL RESOURCES, LLC

July 27, 2005

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

Attn.: Ms. Diana Whitney

RE: Ute Tribal #1-20-1319
NE NW ~~NWSE~~ Sec 20 T-13-S R-19-E
Wildcat Field
Uintah County, Utah

Dear Ms. Whitney:

Enclosed are an original and one copy of an application to drill concerning the referenced proposed well.

FIML (FNR) Natural Resources, LLC is requesting the Utah Division of Oil, Gas and Mining to hold this application and all future information as confidential.

If any questions arise or additional information is required, please contact the undersigned at 303-893-5083.

Sincerely,

Cassandra Parks
Regulatory Assistant

RECEIVED
JUL 29 2005
DIV. OF OIL, GAS & MINING

/cp
Enclosures:

410 17th Street, Suite 900 * Denver, CO 80202 * (303)893-5073 * Facsimile (303) 573-0386

Form
(August 2004)

FORM
Approved August 2004

UTE INDIAN TRIBE
DEPARTMENT OF ENERGY AND MINERALS
APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No. or EDA No.
EDA Number UIT-EDA-001-000

6. Tribe Name
Ute

1a. Type of work: ☑ DRILL ☐ REENTER

7. If Unit or CA Agreement, Name and No.
N/A

1b. Type of Well: ☐ Oil Well ☑ Gas Well ☐ Other ☐ Single Zone ☑ Multiple Zone

8. Lease Name and Well No.
Ute Tribal 1-20-1319

2. Name of Operator
FIML Natural Resources, LLC

9. API Well No.
43-047-36931

3a. Address **410 17th St., 9th Floor, Denver, CO 80202**

3b. Phone No. *(include area code)*
(303) 893-5073

10. Field and Pool, or Exploratory
Wildcat

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)* 39.677802
At surface **NE/4 NE/4 444' FNL & 280' FEL Sec 20 T-13S R-19E**
At proposed prod. zone **Same** 602477X 4392470Y -109.805118

11. Sec., T. R. M. or Blk. and Survey or Area
Sec 20, T-13S R-19E

14. Distance in miles and direction from nearest town or post office*
42 miles south of Ouray, Utah

12. County
Uintah

13. State
UT

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) **280'**	16. No. of acres in lease **640**	17. Spacing Unit dedicated to this well **40 Acres**
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.	19. Proposed Depth **13,477'**	20. State Bond # **8193-15-93**
21. Elevations (Show whether DF, KDB, RT, GL, etc.) **6,480' GL**	22. Approximate date work will start* **09/15/2005**	23. Estimated duration **75 days**

24. Attachments

The following shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan.
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Such other site specific information and/or plans as may be required by the Energy and Minerals Department.

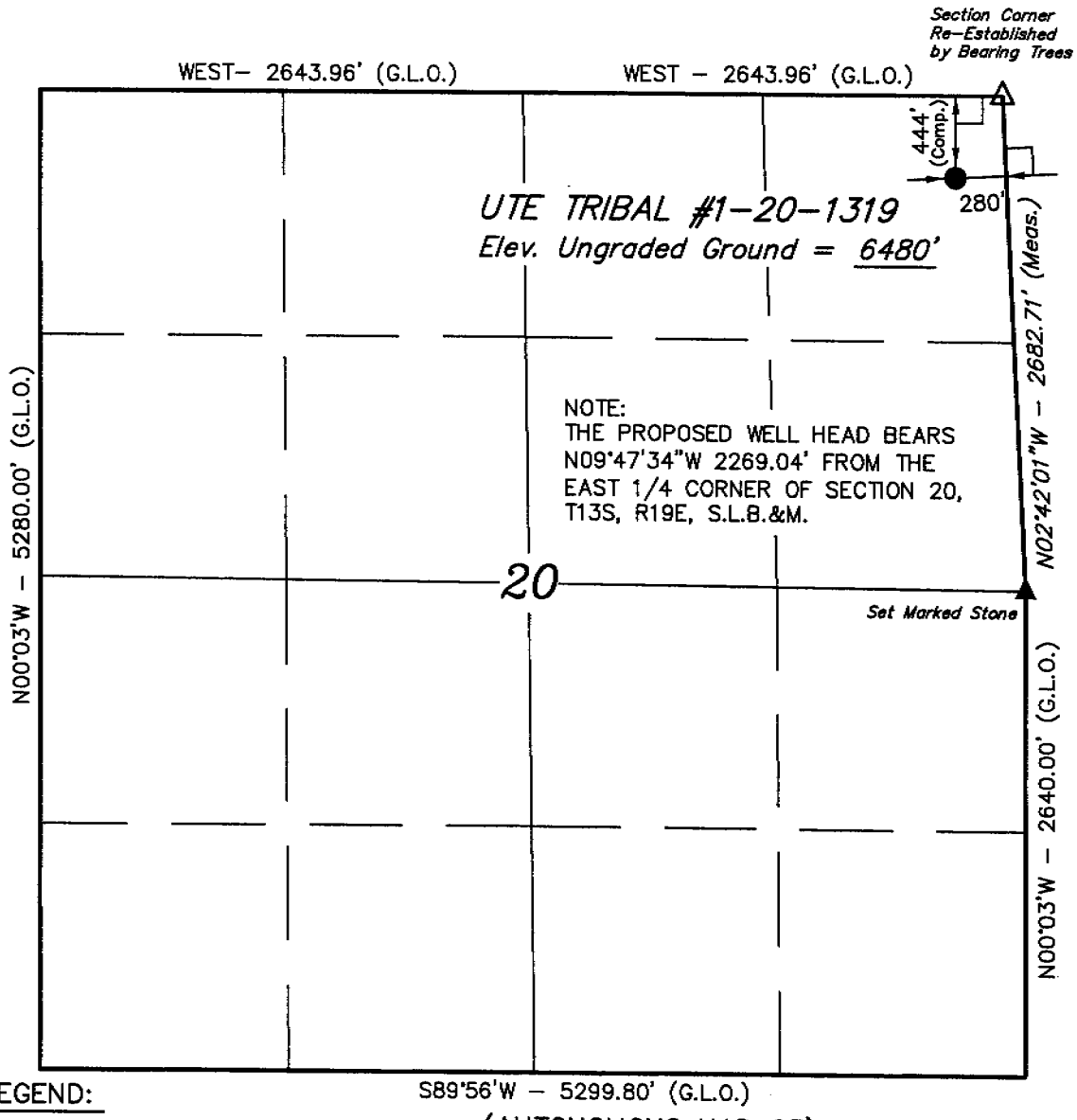
25. Signature	Name *(Printed Typed)*	Date
Title **Senior Vice President**	**Mark D. Bingham**	**07/26/2005**
Approved by *(Signature)*	Name *(Printed/Typed)* **BRADLEY G. HILL**	Date 08-02-05
Title **ENVIRONMENTAL SCIENTIST III**		

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.

CONFIDENTIAL

RECEIVED
JUL 29 2005
DIV. OF OIL, GAS & MINING

T13S, R19E, S.L.B.&M.



LEGEND:

- └ = 90° SYMBOL
- ● = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS RE-ESTABLISHED. (NOT SET ON GROUND)

(AUTONOMOUS NAD 83)
LATITUDE = 39°40'40.56" (39.677933)
LONGITUDE = 109°48'23.17" (109.806436)

(AUTONOMOUS NAD 27)
LATITUDE = 39°40'40.69" (39.677969)
LONGITUDE = 109°48'20.66" (109.805739)

UTE/FNR, LLC.

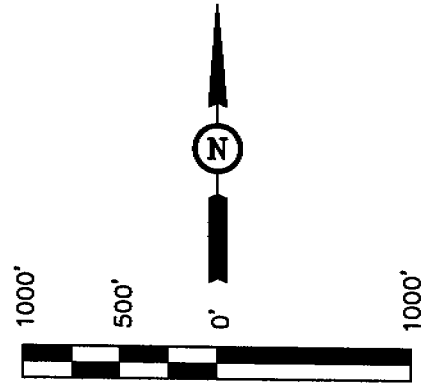
Well location, UTE TRIBAL #1–20–1319, located as shown in the NE 1/4 NE 1/4 of Section 20, T13S, R19E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK (47 WF) LOCATED IN THE NW 1/4 OF SECTION 22, T12S, R19E, S.L.B.&M. TAKEN FROM THE DOG KNOLL QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED ON CAP AS BEING 6473 FEET.

BASIS OF BEARINGS

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



SCALE

CERTIFICATE

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

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

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

SCALE: 1" = 1000'		DATE SURVEYED: 06–07–05	DATE DRAWN: 06–09–05
PARTY: G.O. B.H. D.R.B.		REFERENCES: G.L.O. PLAT	
WEATHER: WARM		FILE: UTE/FNR, LLC.	

SELF CERTIFICATION STATEMENT

The following self-certification statement is provided per federal requirements dated June 15, 1988.

Please be advised that FIML Natural Resources, LLC is considered to be the operator of the following well.

Ute Tribal 1-20-1319
NE/4 NE/4 444' FNL 280' FEL Sec 20, T-13S, R-19E, S.L.B.&M.
EDA Number UIT-EDA-001-000
Uintah County, Utah

FIML Natural Resources, LLC is responsible under the terms of this lease for the operations conducted upon lease lands.

Rick L. Parks
Operations Manager
FIML Natural Resources, LLC
410 17th Street
9th Floor
Denver, Colorado 80202
(303) 893-5081

UTE/FNR LLC
Managed and Operated by FIML Natural Resources, LLC

Ute Tribal 1-20-1319
NE/4 NE/4 444' FNL 280' FEL Section 20 T-13S R-19E
Uintah County, Utah
EDA Number UIT-EDA-001-000

DRILLING PROGRAM

All lease and/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 approved Plan of Operations, and any applicable Notice to Lessees.

UTE/FNR LLC is responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" and the Standard Operating Procedures will be furnished to the field representative(s) to ensure compliance and will be on location during all construction and drilling operations.

Ute Tribe Energy and Minerals Department Notification Requirements:

Location Construction:	48 hours prior to construction of location and access roads.
Location Completion:	Prior to moving the drilling rig to the location.
Spud notice:	At least 24 hours prior to spudding the well.
Casing String & Cementing:	24 hours prior to running casing and cementing each casing string.
BOP & Related Equipment Tests:	At least 24 hours prior to initiating pressure tests.
First Production Notice:	Within 5 days after production from a new well begins or production resumes after an existing well has been off production for more than 90 days.

1. **Estimated Tops of Geological Markers:**

Formation	Depth
Mesa Verde	4,986'
Castle Gate	7,005'
Mancos	7,503'
Dakota	11,383'
Morrison	12,099'
Entrada	12,460'
Navajo	12,810'
Wingate	13,101'
Total Depth	13,477'

2. **Estimated Depths of Anticipated Water, Oil, Gas, or Other Minerals:**

Substance	Formation	Depth
Oil/Gas	Mesa Verde	4,986'
Oil/Gas	Castle Gate	7,005'
Oil/Gas	Mancos	7,503'
Oil/Gas	Dakota	11,383'
Oil/Gas	Entrada	12,460'
Oil/Gas	Wingate	13,101'

All usable water, having less than 10,000 ppm total dissolved solids, and any prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine their commercial potential. This information will be reported to the Ute Tribe Energy and Minerals Department.

All water shows and water bearing zones will be reported to the Ute Tribe Energy and Minerals Department within one (1) business day after being encountered. Filing of the State of Utah form 7 Report of Water Encountered is optional.

3. **Pressure Control Equipment:** (Schematic Attached)

FIML Natural Resources, LLC's minimum specifications for pressure control equipment are as follows:

> The BOP and related equipment will meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a 10,000 psi system, with a 5,000 psi hydril. All individual components shall be operable as designed. Chart recorders will be used for all pressure tests.
>
> Test charts, with individual test results identified, will be maintained on location while drilling and shall be made available to a Ute Tribe Energy and Minerals Department upon request.
>
> All required BOP tests and/or drills will be recorded in the IADC report.

The anticipated bottom hole pressure will be approximately 6,000 psi.

4. **Proposed Casing and Cementing Program:**

The proposed Casing Program will be as follows:

Purpose	Depth	Hole Size	Casing Size	Type	Conn	Weight (lb/ft)
Surface	1,500'	17-1/2"	13-3/8"	J-55	ST&C	54.5
Intermediate	5,200'	12-1/4"	9-5/8"	N-80	LT&C	43.5
Contingency Drilling Liner	12,000	8-1/2"	7-5/8"	P-110	FJ	33.7
Production	TD	6-1/2"	4-1/2"	P-110	LT&C	13.5

The proposed casing and cementing program will be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals. Any isolating medium other than cement will receive approval prior to use. The casing setting depth will be calculated to position the casing seat opposite a competent formation, which will contain the maximum pressure to which it will be exposed during drilling operations. Determination of casing setting depth will be based on all relevant factors, including: presence/absence of hydrocarbons, fracture gradients, usable water zones, formation pressures, lost circulation zones, other minerals, or other unusual characteristics.

All casing, except conductor casing, will be new.

The surface casing will be cemented back to the surface either during the primary cement job or by remedial cementing.

All waiting on cement times will be adequate to achieve a minimum of five hundred (500) psi compressive strength at the casing shoe prior to drilling out.

As a minimum, usable water zones below the surface casing will be isolated and/or protected by having a cement top for the production casing at least 200 feet above the base of the usable water. If Gilsonite is encountered while drilling, it will be isolated and/or protected via the cementing program.

Surface casing will have centralizers on the bottom three joints, with a minimum of one (1) centralizer per joint.

Top plugs will be used to reduce contamination of cement by the displacement fluid. A bottom plug or other acceptable technique, such as a pre-flush fluid, will be utilized to help isolate the cement from contamination by the mud being displaced ahead of the cement slurry.

All casing strings below the conductor will be pressure tested to 0.22 psi per foot of casing string length or to 1,500 psi, whichever is greater, but not to exceed 70% of the minimum internal yield. If pressure declines more than 10% in 30 minutes, corrective action will be taken.

The cementing program will be as follows:

Surface	**Cement Fill**	**Type and Amounts**
1,000'-0'	1,000'	~370 sxs Halliburton Hi-Fill cement. Weight 11.0 ppg. Yield 3.84 ft^3/sx.
1,500'-1,000'	500'	~630 sxs Halliburton Premium cement w/ 2.0% CaCl2 and 0.25 pps. Flocele. Weight 15.8 ppg. Yield 1.17 ft^3/sx.
Intermediate	**Cement Fill**	**Types and Amounts**
2,200'-750'	1,500'	~140 sxs Halliburton Premium Plus-Type III cement w/ 0.25 pps. Flocele, 2.0% Cal-Seal, 10.0 pps. Gilsonite, 2.0% Econolite & 0.3% Versaset. 344, 5.0 pps silicate compacted, 0.2% Super CBL, 0.4% HR-5, and 0.25 pps flocele. Weight 10.5 ppg. Yield 4.14 ft^3/sx. Cement will be circulated up into 13-3/8" x 9-5/8" annulus. **NOTE: Cement volumes and slurry composition may change in order to isolate any potential zones of interest.**
5,200'-'2,200	3000'	~550 sxs Halliburton Light cement 0.3% CaCl2, 1.0% Econolite, 0.6% Halad-322 and 0.2% HR-5. Weight 13.0 ppg. Yield 1.74 ft^3/sx. **NOTE: Cement volumes and slurry composition may change in order to isolate any potential zones of interest.**
Contingency Drilling Liner	**Cement Fill**	**Type and Amounts**
12,000'-4900'	7,100'	~550 sxs Halliburton 50/50, Premium/Pozmix cement w/ 0.5% Halad-344, 2.0% Microbond, 5.0% Salt, 0.2% Super CBL, 0.4% HR-5 & 0.25 pps. Flocele. Weight 14.3 ppg. Yield 1.25 ft^3/sk. **NOTE: Cement volumes and slurry composition may change in order to isolate any potential zones of interest.**

Production	Cement Fill	Type and Amounts
13,477'-0'	2,600'	~260 sxs Halliburton 50/50, Premium/Pozmix foamed cement w/ 5.0 pps. Silicalite Compacted, 20.0% SSA-1, 0.3% Diacel LWL, 0.2% Versaset & 1.5% Zonesealant. Weight 14.3 ppg. Yield 1.47 ft^3/sx.

Anticipated cement tops will be reported as to depth, not the expected number of sacks of cement to be used. The Ute Tribe Energy and Minerals Department will be notified, with sufficient lead time, in order to have a Ute Tribe Energy and Minerals Department representative on location while running all casing strings and cementing.

After cementing the surface casing and prior to commencing any test, FIML Natural Resources, LLC will wait long enough for the cement to have at least a compressive strength of 500 psi at the shoe. WOC time will be recorded in the Driller's log.

The spud date will be shown on the first report that is submitted.

A Sundry Notice will be filed with the Ute Tribe Energy and Minerals Department within 30 days after the work is completed. It will contain the following information:

> The setting of each string showing the size, grade, weight of casing set, setting depth, amounts and types of cement used, whether the cement was circulated to surface or the top of cement behind casing, the depth of cementing tools used, casing testing methods and results, and the date the work was done. The spud date will be shown on the first report that is submitted.

The following auxiliary well equipment will be used:

> A 3" choke manifold and pit level indicator.
>
> An upper Kelly Cock will be kept in the drilling string at all times.
>
> A stabbing valve will be available on the rig floor and will fit all rotary connections.

5. **Drilling Fluids Program:**

Interval	Weight	Viscosity	Fluid Loss	Description
0'-1,500'	Air/Mist 8.4-8.8 ppg	Air/Mist 26-42	N/A	Drill with air/mist using polymer sweeps to clean the hole if portions of this section must be drilled with water.

1,500'-5,200'	8.4 – 9.0	32-38	< 15 cc	Mix 6.0 ppb DAP (diammonium phosphate) in active mud system. Use EZ-Mud on connections for minor sweeps. Raise viscosity as hole conditions dictate.
5,200'-12,000'	9.2 – 10.8	32-38	< 15 cc	Mix 6.0 ppb DAP (diammonium phosphate) in active mud system. Use EZ-Mud on connections for minor sweeps. Raise mud weight and viscosity as hole conditions dictate.
12,000'-13,477'	8.8-9.2	38-50	< 15 cc	Maintain6.0 ppb DAP in system. Use EZ-Mud on connections for minor sweeps. Raise viscosity as hole conditions dictate.

There will be sufficient mud inventory on location during drilling operations to control any adverse conditions which may arise.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system without prior approval of the Ute Tribe Energy and Minerals Department to ensure adequate protection of fresh water aquifers.

No chemicals subject to reporting under SARA Title III in any amount to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of the well. Furthermore, no 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, testing, or completing of any wells.

6. **Evaluation Program:**

Logging Program:

Compensated Density/Neutron Log; Induction Log; Acoustic Sonic/GR Log. Logs will be run from Total Depth to the base of the surface casing.

A cement bond log (CBL) will be run from plug back total depth within the casing to the top of cement and it will be utilized to determine the bond quality for the production casing. A field copy of the CBL will be submitted to the Ute Tribe Energy and Minerals Department.

Sampling:

Dry samples will be taken every ten (30) feet from the base of surface casing to Total Depth.

Deviation Surveys:

Surveys will be run at least every five-hundred (500) feet. Surveys will also be taken on every trip.

Mud Logger:

A one person mud-logging unit will be on location from the base of surface casing to Total Depth.

Drill Stem Tests;

All Drill Stem Tests (DST) will be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the Ute Tribe Energy and Minerals Department. DST's may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vapor proof for safe conditions). Packers can be released, but tripping will not begin before daylight unless prior approval is obtained from the Ute Tribe Energy and Minerals Department.

Cores:

When necessary.

Completion:

The "Well Completion and Re-completion Report and Log" will be submitted no later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164, whether the well is completed as a dry hole or a producer. One copy of all logs, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations will be filed with the form report.

Samples (cuttings, fluids, and/or gases) will be submitted when requested by the Ute Tribe Energy and Minerals Department.

7. **Abnormal Conditions:**

No abnormal conditions are anticipated.

8. **Anticipated Starting Dates and Notification of Operations:**

Drilling Activity:

Drilling activity will begin after the site specific APD has been approved, the access road and location have been built, and a drilling rig has been placed under contract.

If possible, the surface hole will be drilled and surface casing set and cemented with a rathole rig. The drilling rig will move in after surface casing has been set and will drill the hole to Total Depth. Approximately fifteen (50) working days will be required to drill the hole including the surface hole operation.

Longstring cement will set for a minimum of 72 hours. Well completion operations should take approximately fifteen (15) working days.

Notification of Operations:

The Ute Tribe Energy and Minerals Department will be notified at least 24 hours prior to the commencement of spudding the well, to be followed with a Sundry Notice, of initiating pressure tests of the blowout preventer and related equipment, and running casing and cementing of all casing strings. Notification will be made during regular work hours (8:00 a.m. – 4:30 p.m., Monday – Thursday, except holidays).

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from the well to be placed in suspended status without prior approval from the Ute Tribe Energy and Minerals Department. Prior approval of the Ute Tribe Energy and Minerals Department will be obtained and notification given before resumption of operations, if operations are to be suspended.

A completion rig will be used for completion operations.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

UTE/FNR LLC will report production data to the Ute Tribe Energy and Minerals Department and to the State of Utah in accordance with state regulations.

Production reporting will start with the month in which operations commence and continue each month until the well is physically plugged and abandoned.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated, or the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever occurs first; and for gas wells, as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated, or the date on which gas is measured through permanent metering facilities, whichever occurs first.

Should a well be successfully completed for production, the Ute Tribe Energy and Minerals Department will be notified when the well is placed in a producing status. Such notification will be sent by written communication no later than 5 days following the date when the well is placed on production.

In accordance with Onshore Order No. 7, with the approval of the Ute Tribe Energy and Minerals Department, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During this period, an application for approval of the permanent disposal method must be submitted to the Ute Tribe Energy and Minerals Department.

In accordance with NTL-4A, lessees or operators are authorized to vent/flare gas during the initial well evaluation tests, not to exceed 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the Ute Tribe Energy and Minerals Department and approval received for any venting/flaring of gas beyond the initial 30 days or authorized test period.

A schematic facilities diagram, as required under 43 CFR 3162.7-5(d.1-3), will be submitted to the Ute Tribe Energy and Minerals Department within 60 days of installation or first production, whichever occurs first. All site security regulations, as specified in Onshore Oil & Gas Order No. 3, will be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5(b.4).

Well abandonment operations will not be commenced without the prior approval of the Ute Tribe Energy and Minerals Department. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the Ute Tribe Energy and Minerals Department. A "Subsequent Report of Abandonment" will be filed with the UTE/FNR LLC within 30 days following completion of the well for abandonment. The report will indicate placement of the plugs and current status of the surface restoration. Final abandonment will not be approved until the surface reclamation work required by the APD or approved abandonment notice has been completed to the satisfaction of the Ute Tribe Energy and Minerals Department.

In accordance with Onshore Oil and Gas Order No. 1, UTE/FNR LLC will ensure that its exploration, development, production, and construction operations are conducted in a manner which conforms with applicable laws and regulations.

9. Other Information:

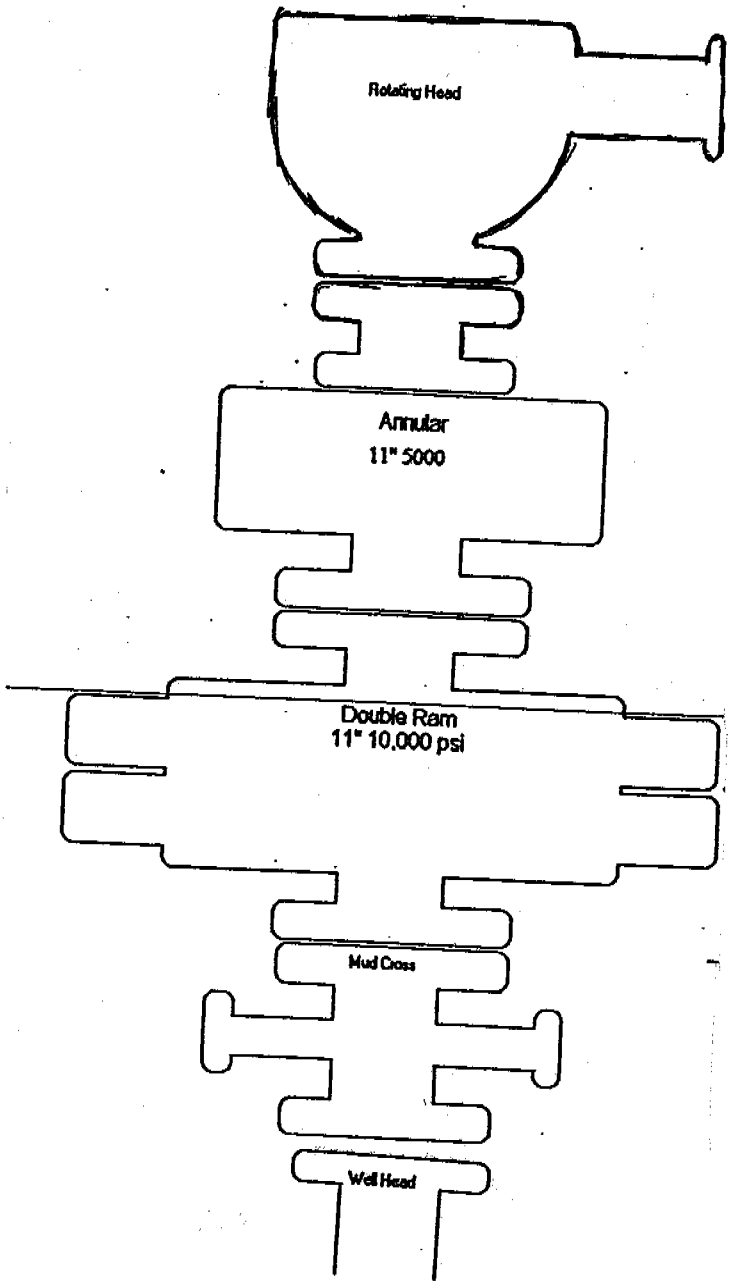
All loading lines will be placed inside the berm surrounding the tank battery.

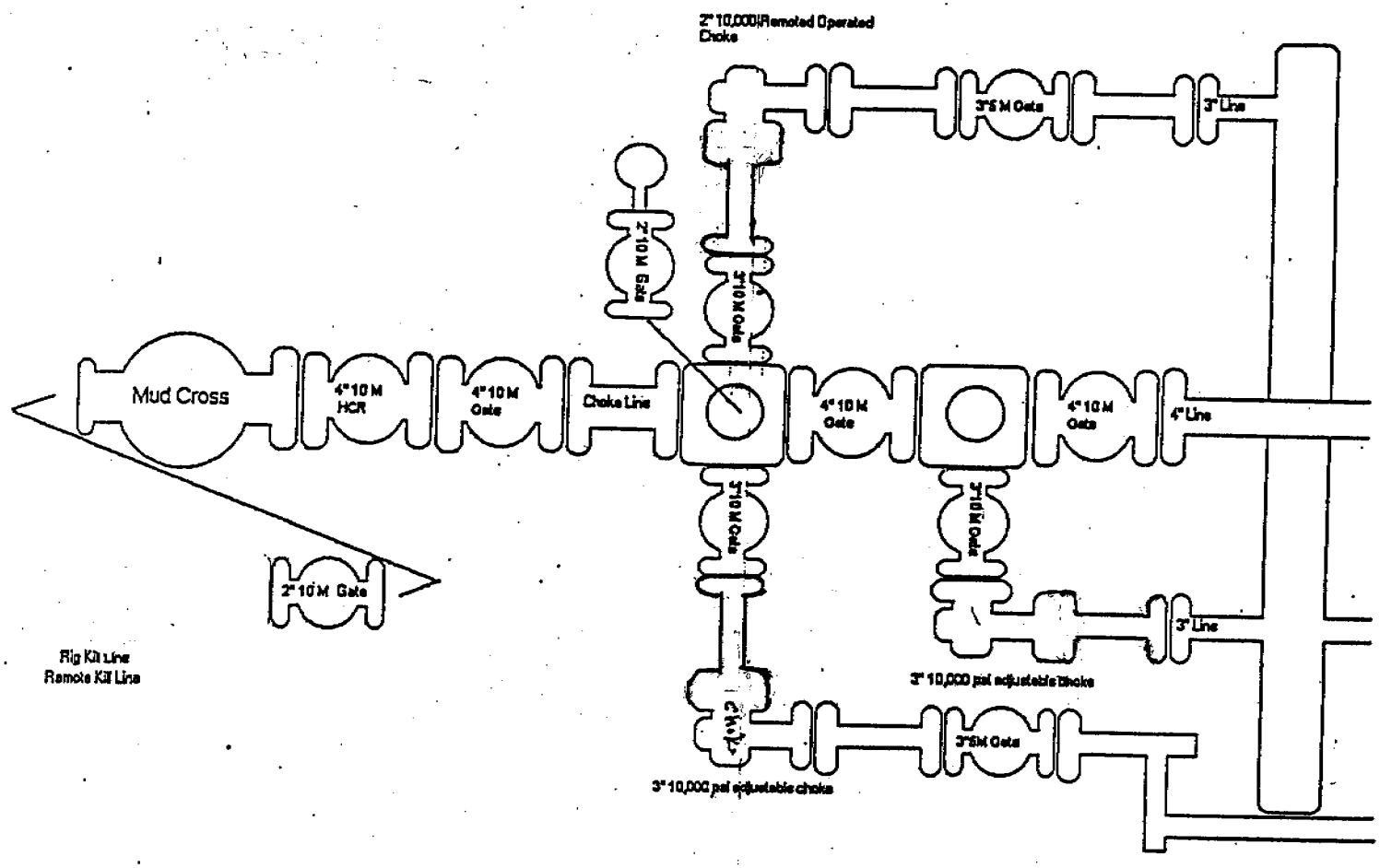
All off-lease storage, off-lease measurement, or co-mingling on-lease or off-lease will have prior written approval from the Ute Tribe Energy and Minerals Department.

The gas meter will be calibrated and any production tank will be strapped in place prior to any deliveries of gas or oil. Tests for meter accuracy will be conducted following the initial installation or following any repair and at least quarterly thereafter. The Ute Tribe Energy and Minerals Department will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Ute Tribe Energy and Minerals Department. All measurement facilities will conform to API and AGA standards, Onshore Oil & Gas Order No. 4, and Onshore Oil & Gas Order No. 5 for natural gas and liquid hydrocarbon measurements.

Deviations from the proposed drilling and/or workover program will be approved by the Ute Tribe Energy and Minerals Department. Safe drilling and operating practices will be observed. All wells, whether drilling, producing, suspended, or abandoned, will be identified in accordance with 43 CFR 3162.

A "Sundry Notice and Report in Wells" will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.


Rotating Head
Annular
11" 5000
Double Ram
11" 10,000 psi
Mud Cross
Well Head


2" 10,000 Remoted Operated Choke
3"5 M Gate
3" Line
2"10 M Gate
3"10 M Gate
Mud Cross
4"10 M HCR
4"10 M Gate
Choke Line
4"10 M Gate
4"10 M Gate
4" Line
3"10 M Gate
3"10 M Gate
2" 10 M Gate
3" Line
Rig Kill Line
Remote Kill Line
3" 10,000 psi adjustable choke
3"5M Gate
3" 10,000 psi adjustable choke

UTE/FNR LLC
Managed and Operated by FIML Natural Resources, LLC

Ute Tribal 1-20-1319
NE/4 NE/4 444' FNL 280' FEL Section 20 T-13S R-19E
Uintah County, Utah
EDA Number UIT-EDA-001-000

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads

A. Proceed in a westerly direction from Vernal, Utah along U.S. Highway 40 approximately 14.0 miles to the junction of State Highway 88. Turn left and proceed in a southerly direction approximately 17.0 miles to Ouray, Utah. Proceed in a southerly, then southeasterly direction approximately 9.1 miles on the Seep Ridge Road to the junction of this road and an existing road to the south. Turn right and proceed in a southerly direction approximately 2.8 miles to the junction of this road and an existing road to the west. Turn right and proceed in a westerly, then southwesterly, then southerly direction approximately 28.4 miles to the beginning of the access to the south. Go west for 0.1 miles. Then head southwest, then northwest, then southwest, then northwest. Proceed in a north westerly direction to the purposed access road. Then proceed approximately 1.1 miles on the new access road to the Ute Tribal 1-20-1319 well site.

B. The proposed well site is located approximately 42 miles south southwest of Ouray, Utah – See attached Topographic Map "A".

C. Refer to attached Topographic Map "A".

D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

2. Planned Access Roads

See Topographic Map "B" for the location of the proposed access road.

3. Location of existing wells within a one mile radius of proposed well location

See Topographic Map "C" for the location of existing wells within a one-mile radius.

4. Location of Existing and /or Proposed Facilities

Please refer to FIML Natural Resources, LLC Standard Operating Practices (SOP Version: August 20, 2004).

5. Location and Type of Water Supply

A. Water supply will be from the Ute Tribal 6-11-1219 water well. The State Water Right number is 43-10447 and the well is located in Section 6, T-12S, R-19E, Uintah County, Utah.
B. Water will be hauled by JN Trucking, Inc.

6. Source of Construction Materials

Please refer to FIML Natural Resources, LLC Standard Operating Practices (SOP Version: August 20, 2004).

7. Method of Handling Waste Materials

Please refer to FIML Natural Resources, LLC Standard Operating Practices (SOP Version: August 20, 2004).

8. Ancillary Facilities

Please refer to FIML Natural Resources, LLC Standard Operating Practices (SOP Version: August 20, 2004).

9. Well Site Layout

The attached Location Layout diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, pipe racks, trailer parking, spoil dirt stockpile(s) and top soil stockpile(s).

10. Plans for Restoration of the Surface

Please refer to FIML Natural Resources, LLC Standard Operating Practices (SOP Version: August 20, 2004).

11. Surface Ownership

Access Road: Ute Indian Tribe
Location: Ute Indian Tribe

12. Other Information

Please refer to FIML Natural Resources, LLC Standard Operating Practices (SOP Version: August 20, 2004).

13. Operator's Representative and Certification

Name: Rick L. Parks

Address: 410 17th Street

9th Floor
Denver, Colorado 80202

Phone No. 303-893-5081

Cellular No. 303-229-7689

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations and Onshore Oil and Gas Orders. FIML Natural Resources, LLC is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions that presently exist; that the statements made in this plan are, to the best of my knowledge and belief, true and correct; and that the work associated with operations proposed herein will be performed by FIML Natural Resources, LLC and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it was approved.

7/27/05
Date

Rick L. Parks
Operations Manager
FIML Natural Resources, LLC

EPA's LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spend solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refmery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide waste
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids

UTE/FNR, LLC.

UTE TRIBAL #1-20-1319

LOCATED IN UINTAH COUNTY, UTAH
SECTION 20, T13S, R19E, S.L.B.&M.

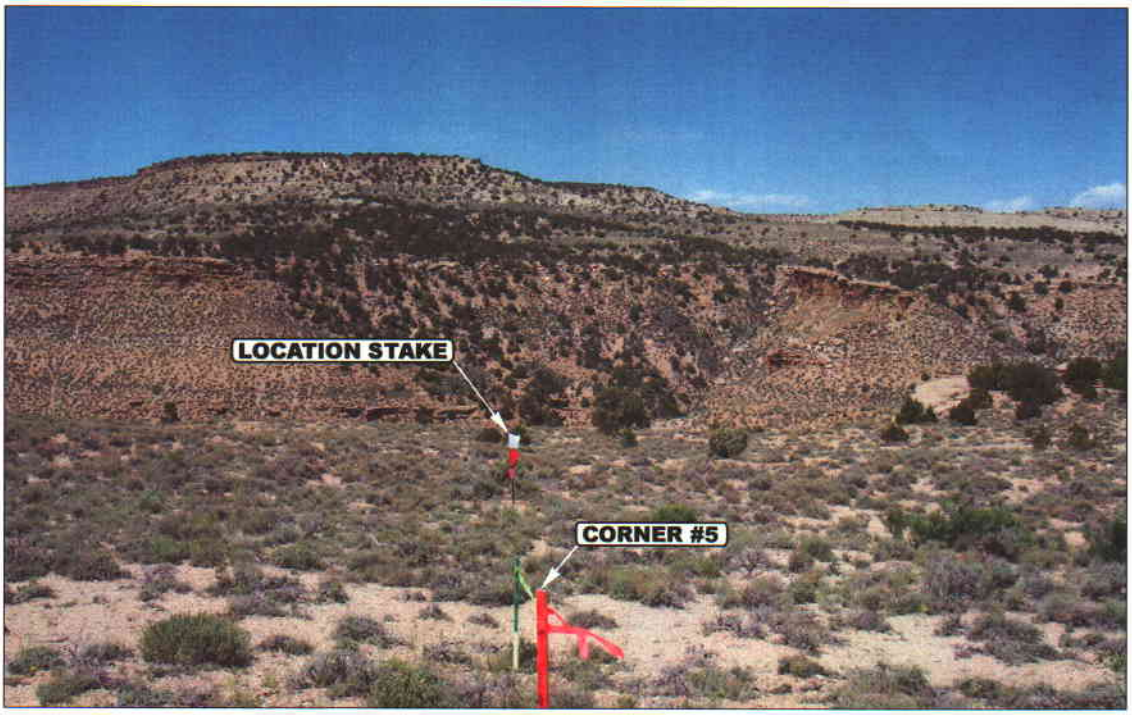


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE **CAMERA ANGLE: SOUTHWESTERLY**

PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS **CAMERA ANGLE: SOUTHWESTERLY**

- Since 1964 -

Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

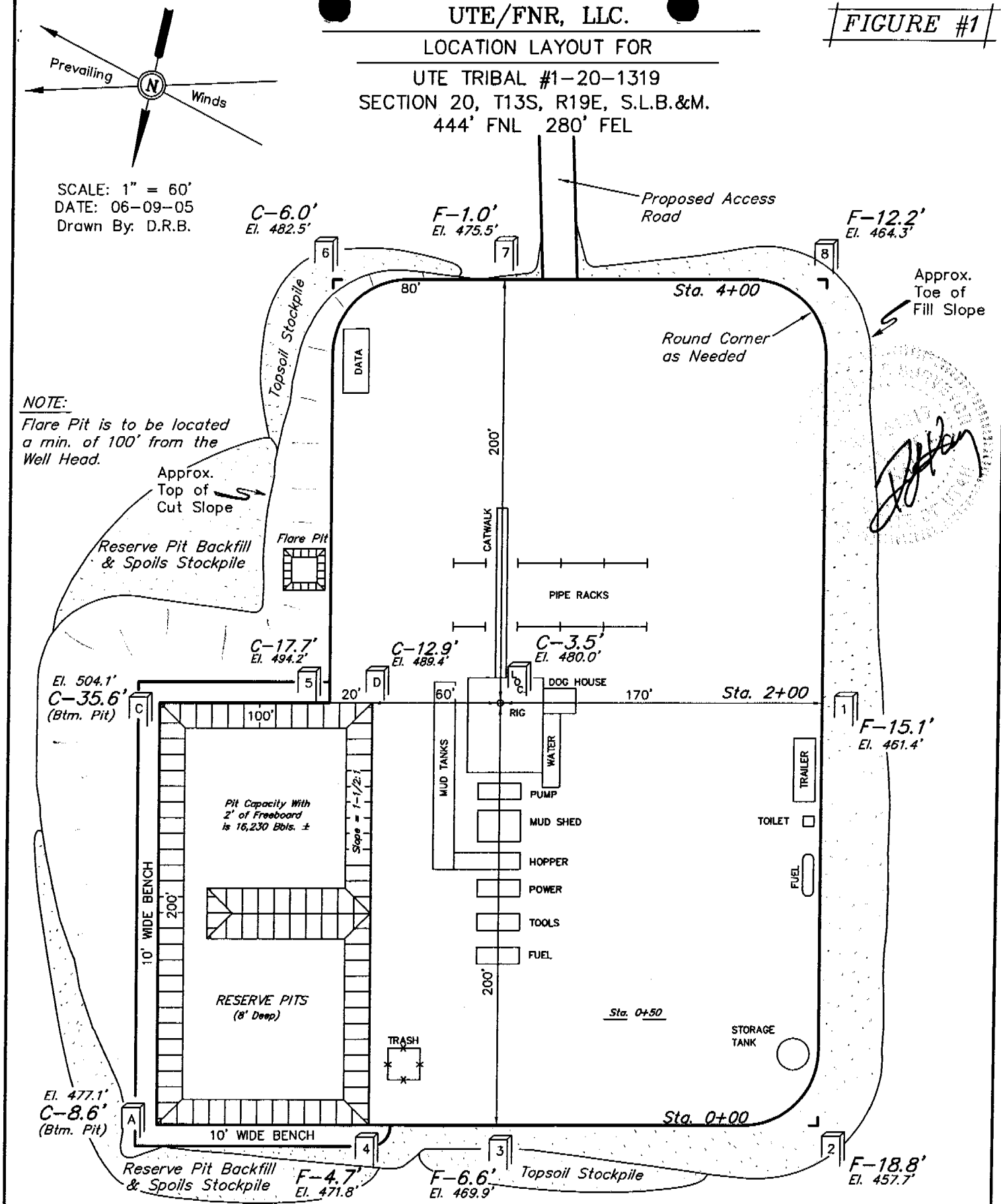
LOCATION PHOTOS	06 MONTH	08 DAY	05 YEAR	PHOTO
TAKEN BY: G.O.	DRAWN BY: C.H.	REVISED: 00-00-00		

UTE/FNR, LLC.

LOCATION LAYOUT FOR

UTE TRIBAL #1-20-1319
SECTION 20, T13S, R19E, S.L.B.&M.
444' FNL 280' FEL

FIGURE #1



NOTES:

Elev. Ungraded Ground At Loc. Stake = 6480.0'

FINISHED GRADE ELEV. AT LOC. STAKE = 6476.5'

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

UTE/FNR, LLC.

TYPICAL CROSS SECTIONS FOR

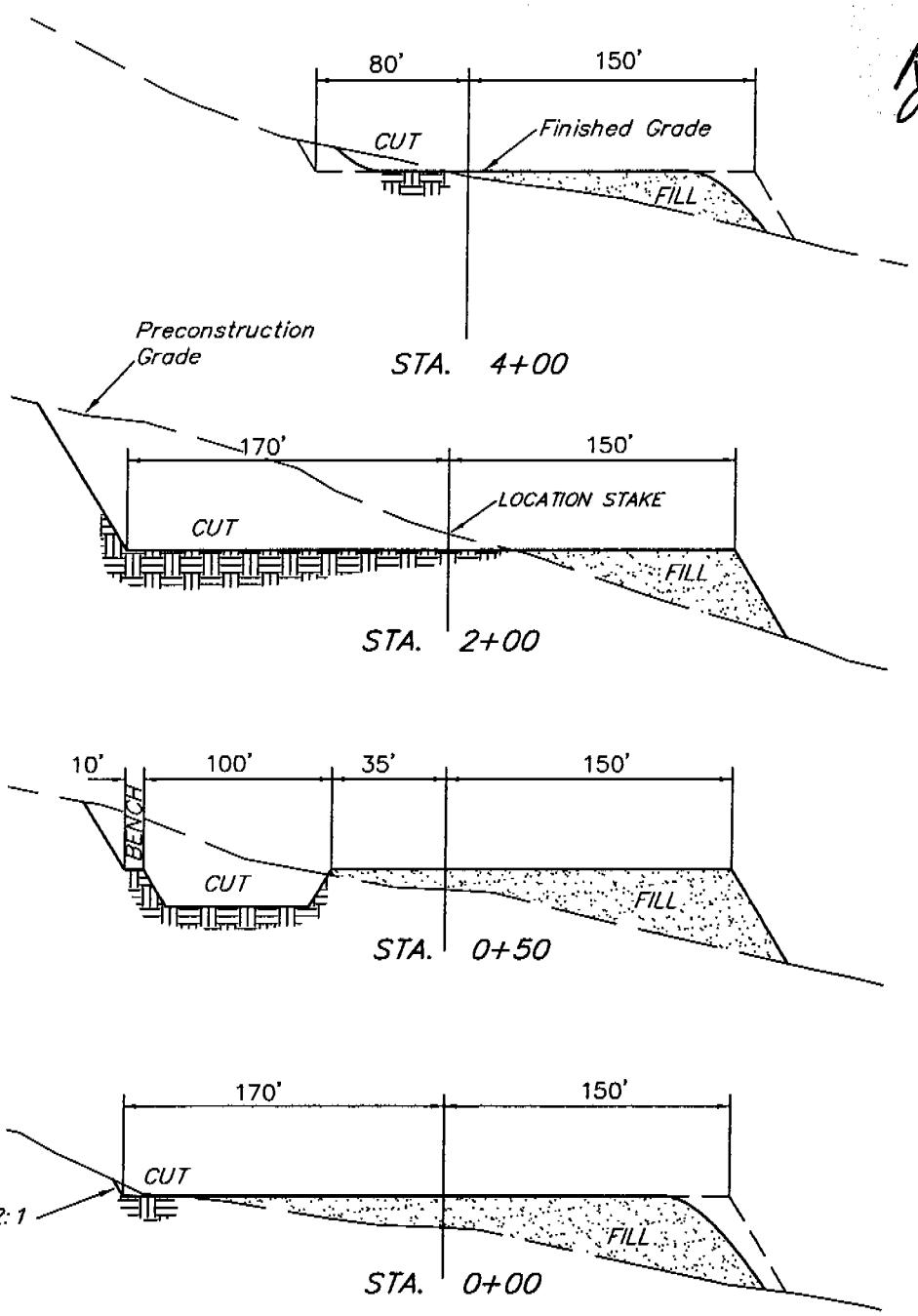
UTE TRIBAL #1-20-1319
SECTION 20, T13S, R19E, S.L.B.&M.
444' FNL 280' FEL

FIGURE #2

1" = 40' X-Section Scale

1" = 100'

DATE: 06-09-05
Drawn By: D.R.B.



* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

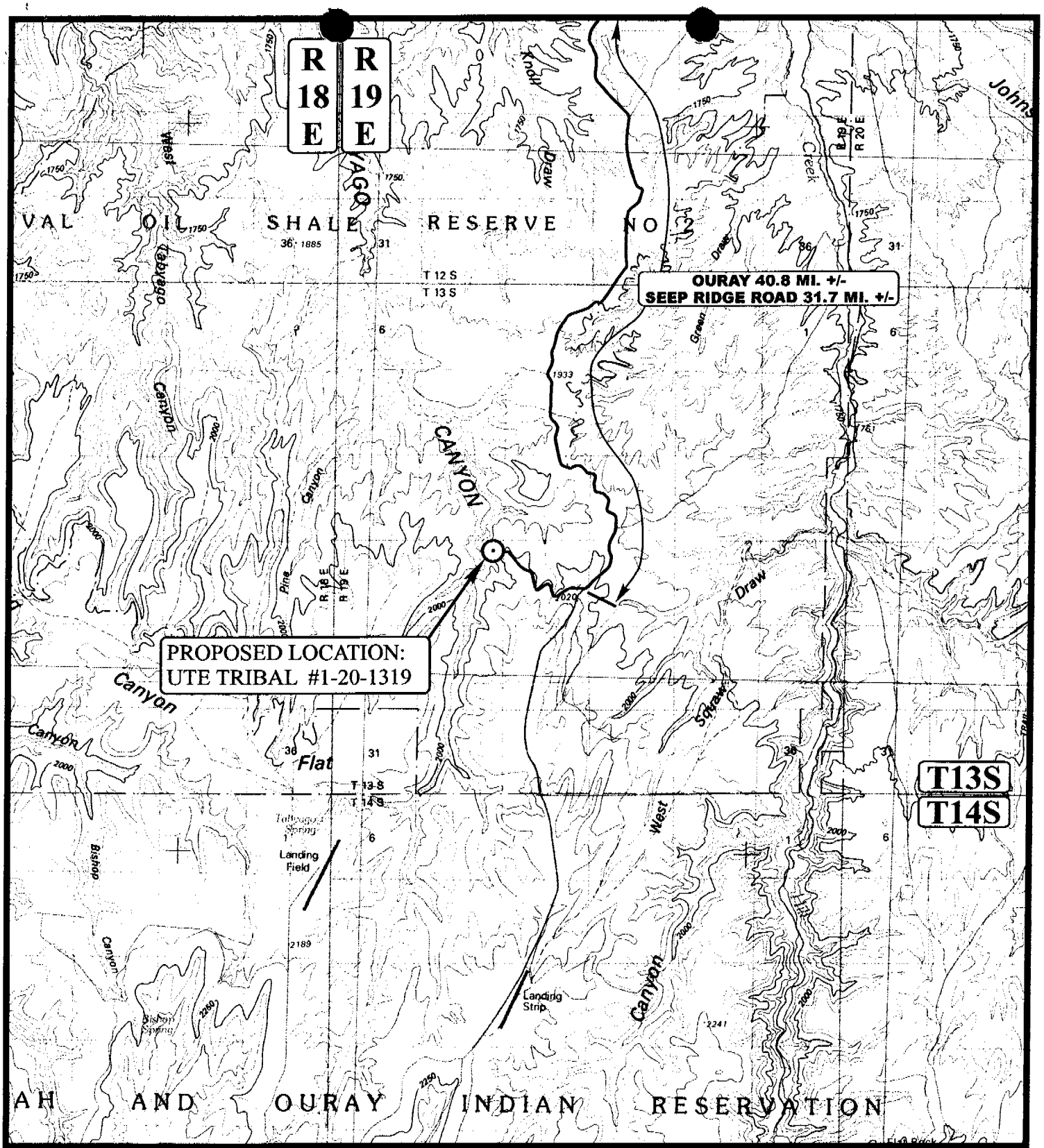
APPROXIMATE YARDAGES

CUT
(12") Topsoil Stripping = 5,650 Cu. Yds.
Remaining Location = 25,010 Cu. Yds.

TOTAL CUT = 30,660 CU.YDS.
FILL = 22,670 CU.YDS.

EXCESS MATERIAL = 7,990 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.) = 7,990 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation) = 0 Cu. Yds.

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



LEGEND:

PROPOSED ACCESS ROAD

EXISTING ROAD

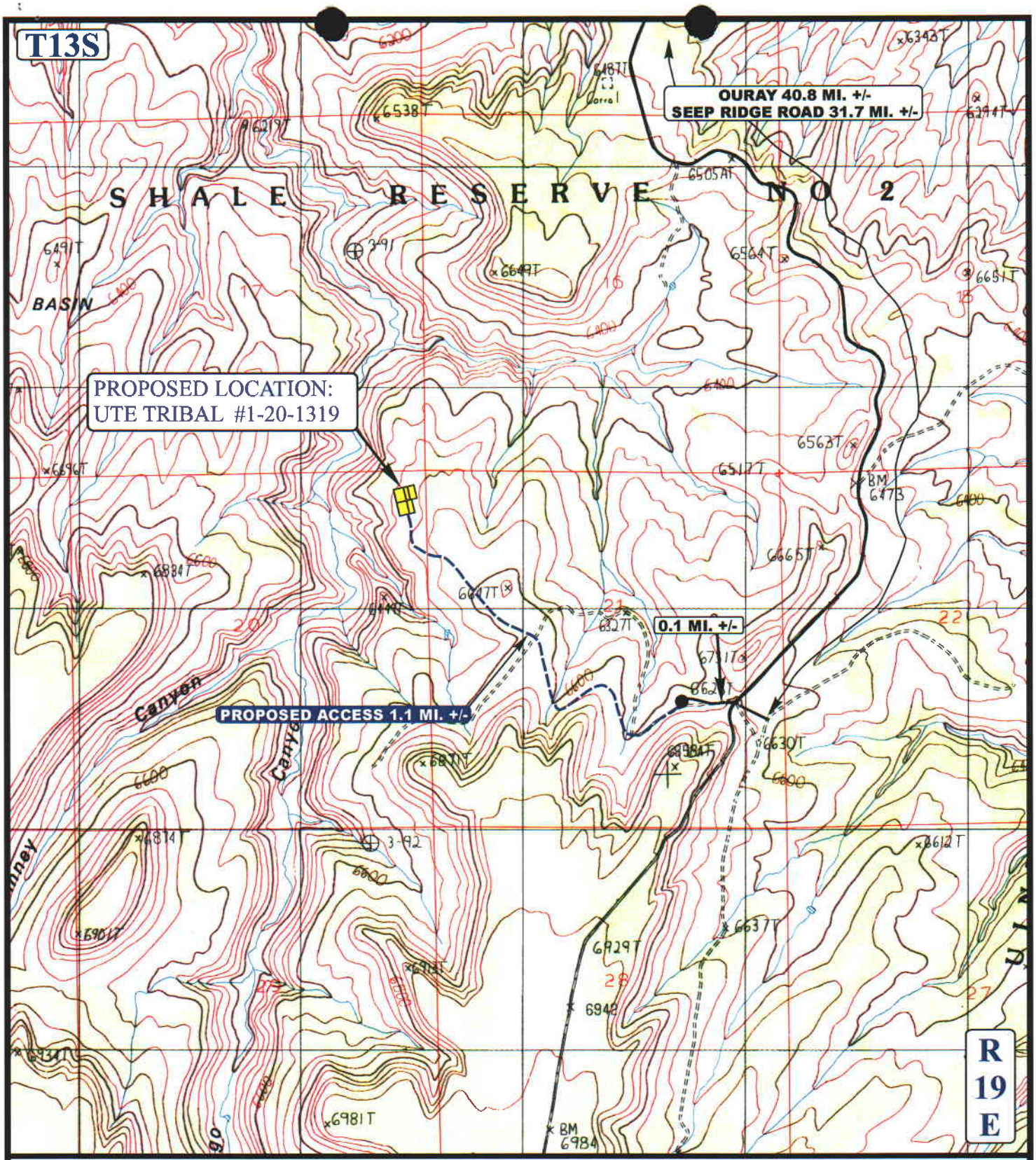
N

UTE/FNR, LLC.

UTE TRIBAL #1-20-1319
SECTION 20, T13S, R19E, S.L.B.&M.
444' FNL 280' FEL

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

TOPOGRAPHIC MAP	06 MONTH	08 DAY	05 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: C.H.	REVISED: 00-00-00		



LEGEND:

EXISTING ROAD

PROPOSED ACCESS ROAD

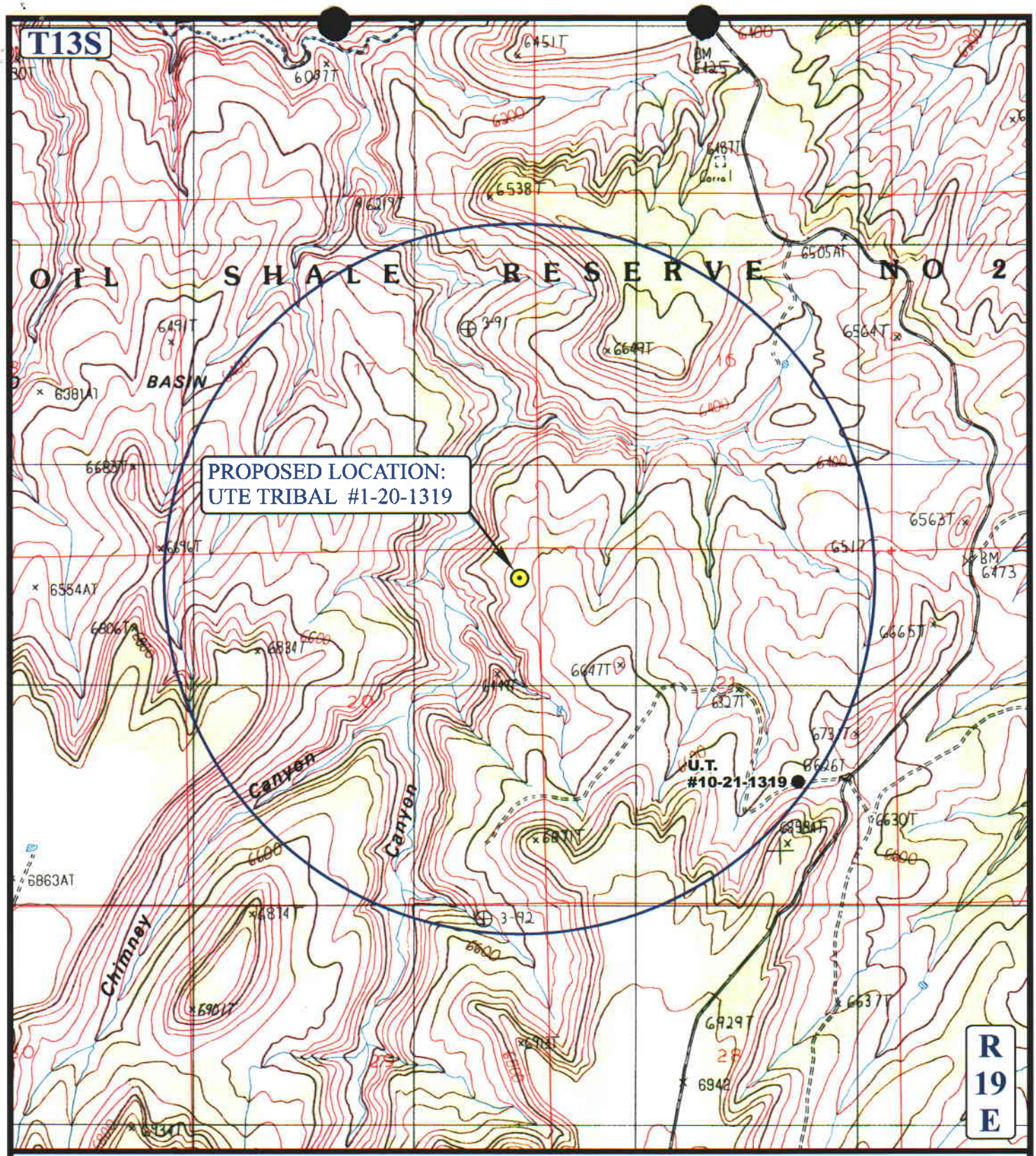
N

UTE/FNR, LLC.

UTE TRIBAL #1-20-1319
SECTION 20, T13S, R19E, S.L.B.&M.
444' FNL 280' FEL

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

TOPOGRAPHIC MAP	06 MONTH	08 DAY	05 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: C.H.	REVISED: 00-00-00		



LEGEND:

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

N

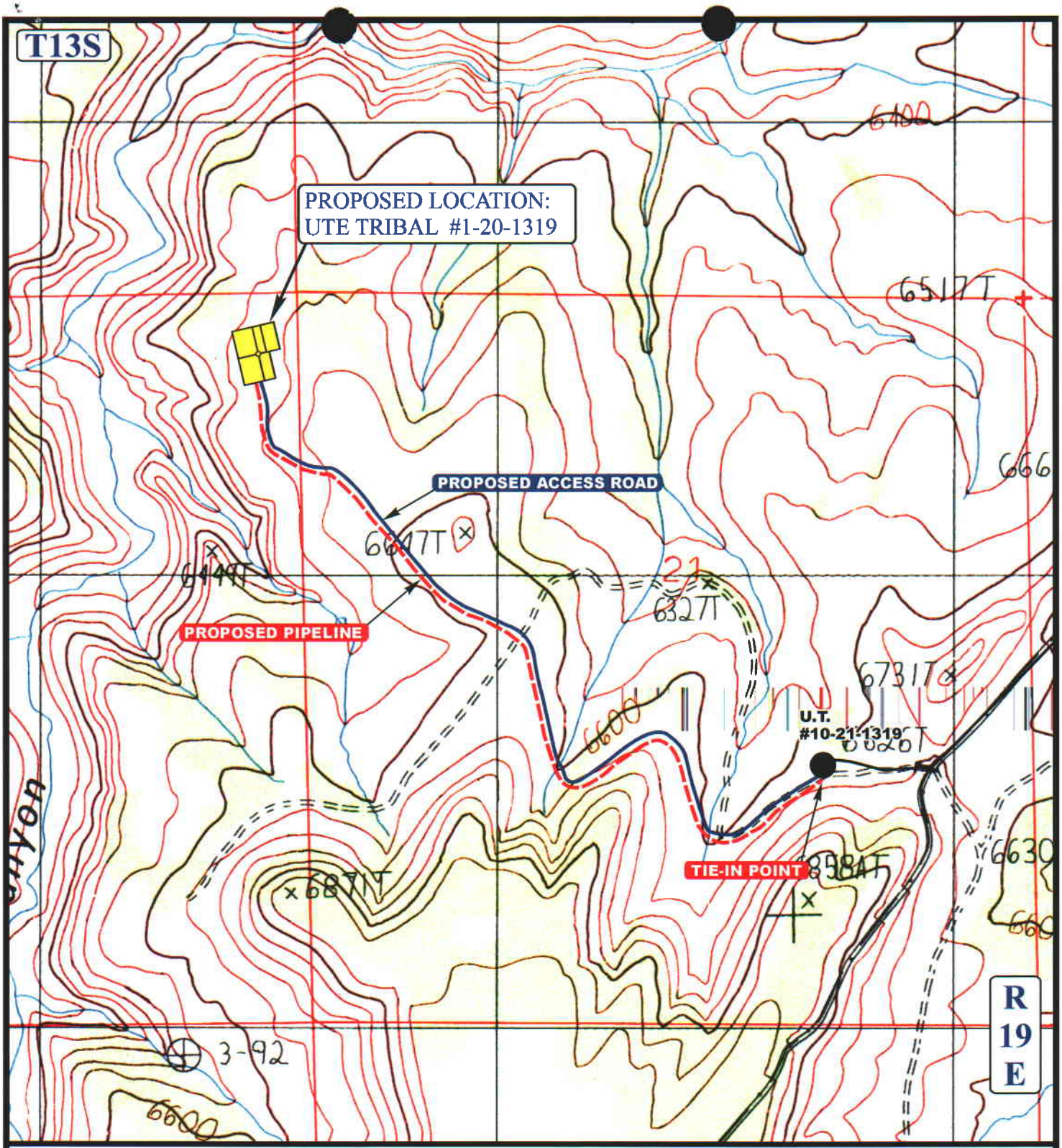
UTE/FNR, LLC.

UTE TRIBAL #1-20-1319
SECTION 20, T13S, R19E, S.L.B.&M.
444' FNL 280' FEL

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

TOPOGRAPHIC MAP | 06 MONTH | 08 DAY | 05 YEAR | C TOPO

SCALE: 1" = 2000' | DRAWN BY: C.H. | REVISED: 00-00-00



APPROXIMATE TOTAL PIPELINE DISTANCE = 5990' +/-

LEGEND:

PROPOSED ACCESS ROAD
EXISTING PIPELINE
PROPOSED PIPELINE

N

UTE/FNR, LLC.

UTE TRIBAL #1-20-1319
SECTION 20, T13S, R19E, S.L.B.&M.
444' FNL 280' FEL

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

TOPOGRAPHIC MAP	06 MONTH	08 DAY	05 YEAR	D TOPO
SCALE: 1" = 1000'	DRAWN BY: C.H.	REVISED: 00-00-00		

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 07/29/2005

API NO. ASSIGNED: 43-047-36931

WELL NAME: UTE TRIBAL 1-20-1319

OPERATOR: FIML NATURAL RESOURCES (N2530)

CONTACT: MARK BINGHAM

PHONE NUMBER: 303-893-5073

PROPOSED LOCATION:

NENE 20 130S 190E

SURFACE: 0444 FNL 0280 FEL

BOTTOM: 0444 FNL 0280 FEL

UINTAH

WILDCAT (1)

LEASE TYPE: 2 - Indian

LEASE NUMBER: UIT-EDA-001-000

SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: WINGT

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 39.67780

LONGITUDE: -109.8051

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[] Ind[2] Sta[] Fee[]
(No. 8193-15-93)

N Potash (Y/N)

N Oil Shale 190-5 (B) or 190-3 or 190-13

✓ Water Permit
(No. 43-10447)

N RDCC Review (Y/N)
(Date:)

NA Fee Surf Agreement (Y/N)

NA Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit

___ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells

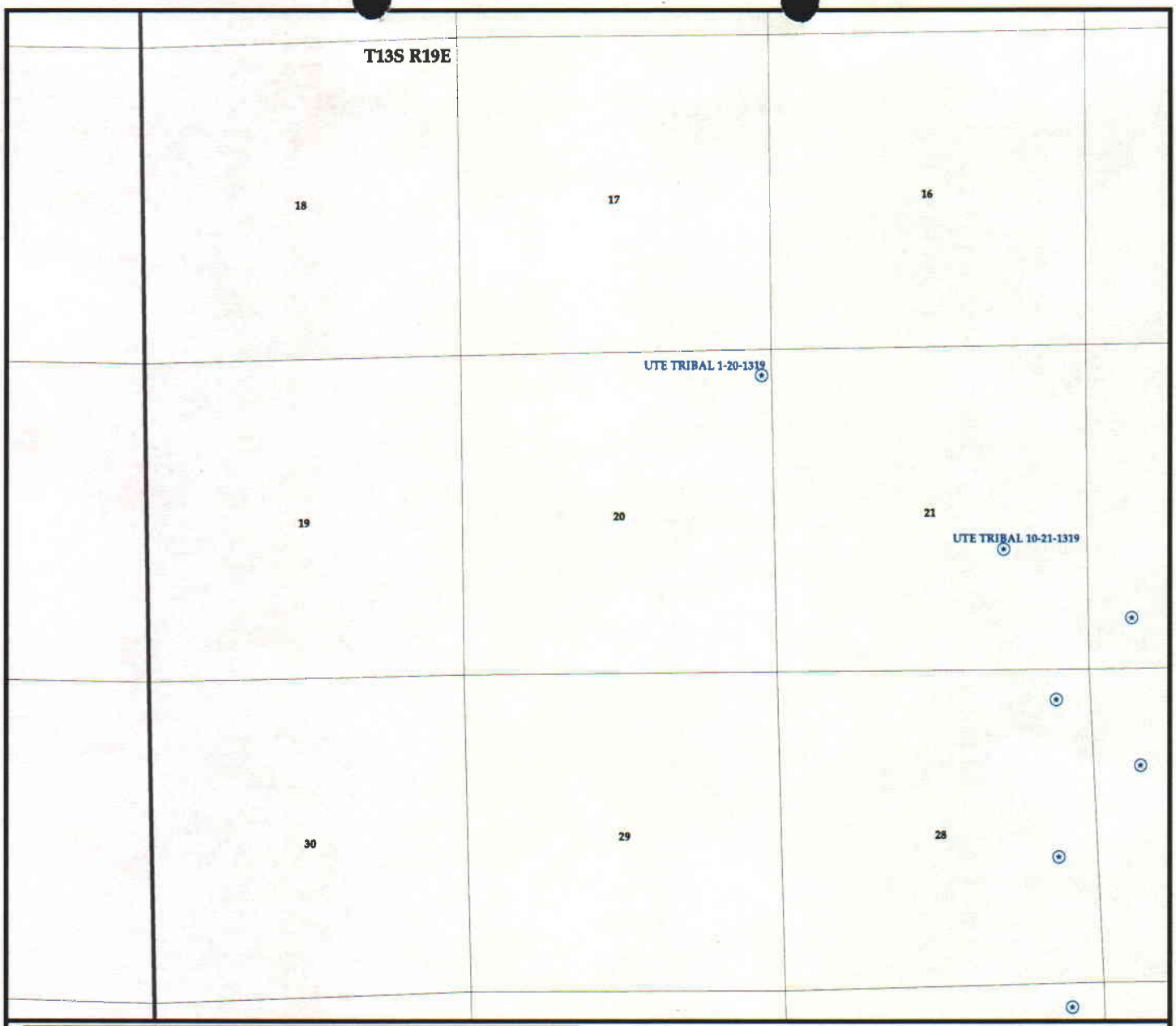
✓ R649-3-3. Exception

___ Drilling Unit
Board Cause No:
Eff Date:
Siting:

___ R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS: 1- Spacing Slip
2 - Mud Slip



OPERATOR: FIML NATURAL RES LLC (N2530)

SEC: 20 T. 13S R. 19E

FIELD: WILDCAT (001)

COUNTY: UINTAH

SPACING: R649-3-3 / EXCEPTION LOCATION

Wells
- 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.shp
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields.shp
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Utah Oil Gas and Mining

N
W E
S

PREPARED BY: DIANA WHITNEY
DATE: 1-AUG-2005

UTE/FNR LLC

August 2, 2005

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

Attn.: Ms. Diana Whitney

RE: Exception Letter for the Ute Tribal #1-20-13-19
Uintah County, Utah

Dear Ms. Whitney:

UTE/FNR LLC has no objection to the proposed Ute Tribal #1-20-13-19 well being drilled 444' FNL and 280' FEL of Section 20, T13S-R19W. The original "legal" drillsite location was moved due to severe topographic conditions. Moreover, the Ute Tribal representatives would not allow the drillsite to be placed at the legal location due to the severe topographic constraints.

UTE/FNR LLC is the only owner within a 460 foot radius of the proposed well location.

The signature below is our written waiver of objection to UT Administrative Code R649-3-3.

Signature:

Name: Mark D. Bingham

Title: Senior Vice President

Date: August 2, 2005

UTE/FNR LLC
410 17th Street, Suite 900
Denver, CO 80202

RECEIVED
AUG 0 2 2005
DIV. OF OIL, GAS & MINING

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 & Mining

JOHN R. BAZA
Division Director

August 2, 2005

FIML Natural Resources, LLC
410 17th St., 9th Floor
Denver, CO 80202

Re: Ute Tribal 1-20-1319 Well, 444' FNL, 280' FEL, NE NE, Sec. 20, T. 13 South, R. 19 East, Uintah 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.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby 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 43-047-36931.

Sincerely,

Gil Hunt
Acting Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office

Operator: FIML Natural Resources, LLC

Well Name & Number Ute Tribal 1-20-1319

API Number: 43-047-36931

Lease: UIT-EDA-001-000

Location: NE NE **Sec.** 20 **T.** 13 South **R.** 19 East

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 Dan Jarvis at (801) 538-5338

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. The lands subject to this application and the associated mineral rights have been transferred to the Ute Indian Tribe as fee lands, and not as part of the reservation lands pursuant to Public Law 106-398, the Floyd D Spence National Defense Authorization Act for Fiscal Year 2001. The Division on behalf of the State of Utah has been directed by Utah Code §§40-6-1 et seq. to exercise jurisdiction over all oil and gas exploration and development on all lands within the State of Utah, in order to promote the greatest economic recovery of oil and gas, and to protect the interests of the general public in the natural resources of the state. **The operator is responsible for obtaining the proper permits from both the State of Utah, Division of Oil Gas and Mining, and from the Ute Indian Tribe for all oil and gas related activities that may be permitted and under the regulations of the State of Utah or the Ute Indian Tribe.**

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.

FIML NATURAL RESOURCES, LLC

CONFIDENTIAL

August 21, 2006

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

Attn.: Ms. Diana Whitney

RE: Ute Tribal #1-20-1319
NWSE Sec 20 T-13-S R-19-E
Wildcat Field
Uintah County, Utah

Dear Ms. Whitney:

Enclosed are the following for the above referenced well.

Sundry Notice-Request for Permit Extension
Request for Permit Extension Validation

If any questions arise or additional information is required, please contact the undersigned at 303-893-5090 or Cassandra.Parks@fmr.com.

Sincerely,

Cassandra Parks
Operations Assistant

/cp
Enclosures:

RECEIVED
AUG 2 2 2006
DIV. OF OIL, GAS & MINING

410 17th Street, Suite 900 * Denver, CO 80202 * (303)893-5073 * Facsimile (303) 573-0386

Form Sundry
(August 2004)

UTE INDIAN TRIBE
DEPARTMENT OF ENERGY AND MINERALS
SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form APD for such proposals.

FORM
Approved August 2004

5. Lease Serial No. or EDA No.
EDA # UIT-EDA-001-000

6. Tribe Name
Ute

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

8. Well Name and No.
Ute Tribal #1-20-1319

9. API Well No.
43-047-36931

10. Field and Pool, or Exploratory Area
Wildcat

11. County
Uintah

SUBMIT IN TRIPLICATE

CONFIDENTIAL

1. Type of Well
☐ Oil Well ☑ Gas Well ☐ Other

2. Name of Operator **FIML Natural Resources, LLC**

3a. Address **410 17th Street, Suite 900 Denver, CO 80202**

3b. Phone No. *(include area code)* **303-893-5090**

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
NENE 444' FNL 280' FEL Sec 20 T-13S R-19E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other **Request for Drilling Permit Extension**
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with the State of Utah. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form Completion shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

FIML Natural Resources, LLC is requesting an extension to the drilling permit issued for the referenced well. Further evaluation of the area is currently being conducted prior to the drilling of this well. The Application for Permit to Drill Request for Permit Extension Validation form is attached.

State of Utah , Division of Oil, Gas & Mining Surety Bond No. 8193-15-93

COPY SENT TO OPERATOR
Date: 9-19-06
Init: CHD

Approved by the
Utah Division of
Oil, Gas and Mining
08-24-06
By: [signature]

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)* **Cassandra Parks** Title **Operations Assistant**

Signature [signature] Date 8/21/2006

RECEIVED
AUG 22 2006
DIV. OF OIL, GAS & MINING

THIS SPACE FOR UTE INDIAN TRIBE OFFICE USE

Approved by _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice 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. Office _____

[redacted]

Application for Permit to Drill
Request for Permit Extension
Validation
(this form should accompany the Sundry Notice requesting permit extension)

API: 43-047-36931
Well Name: Ute Tribal 1-20-1319
Location: NENE 444' FNL & 280' FEL Sec 20 T-13S R-19E
Company Permit Issued to: FIML Natural Resources, LLC
Date Original Permit Issued: 8/2/2005

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes☐No☑

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes☐No☑

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes☐No☑

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes☐No☑

Has the approved source of water for drilling changed? Yes☐No☑

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes☐No☑

Is bonding still in place, which covers this proposed well? Yes☑No☐

Signature

8/21/2006
Date

Title: Operations Assistant

Representing: FIML Natural Resources, LLC

RECEIVED
AUG 22 2006
DIV. OF OIL, GAS & MINING

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: **FIML NATURAL RESOURCES, LLC**

Well Name: **UTE TRIBAL 1-20-1319**

Api No: **43-047-36931** Lease Type: **INDIAN**

Section **20** Township **13S** Range **19E** County **UINTAH**

Drilling Contractor **PETE MARTIN'S** RIG # **BUCKET**

SPUDDED:

Date **10/12/06**

Time **12:00 PM**

How **DRY**

Drilling will Commence:

Reported by **CASSANDRA PARKS**

Telephone # **(303) 893-5090**

Date 10/13/06 Signed CHD

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

FORM 6

ENTITY ACTION FORM

Operator: FIML Natural Resources, LLC
Address: 410 17th Street
city Denver
state CO zip 80202

Operator Account Number: N 2530
Phone Number: (303) 893-5073

Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304736931	Ute Tribal 1-20-1319	NENE	20	13S	19E	Uintah

Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date
A	99999	15713	10/12/2006	10/19/06

Comments: WINGT CONFIDENTIAL

Well 2

API Number	Well Name	QQ	Sec	Twp	Rng	County

Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date

Comments:

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)

Cassandra Parks
Name (Please Print)

Signature

Operations Assistant
Title

10/17/2006
Date

RECEIVED
OCT 17 2006
DIV. OF OIL, GAS & MINING

(5/2000)

FIML NATURAL RESOURCES, LLC

CONFIDENTIAL

October 17, 2006

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

Attn.: Ms. Carol Daniels
43-047-36931
RE: Ute Tribal #1-20-1319
NENE Sec 20 T-13S R-19E
Uintah County, Utah

Dear Ms. Daniels:

Enclosed is the following information concerning the referenced well.

Sundry Notice – Spud and Set Surface Casing

If any questions arise or additional information is required, please contact me at 303-893-5090.

Sincerely,

Cassandra Parks
Operations Assistant

/cp
Enclosures:

410 17th Street, Suite 900 * Denver, CO 80202 * (303)893-5073 * Facsimile (303) 573-0386

Form Sundry
(August 2004)

UTE INDIAN TRIBE

DEPARTMENT OF ENERGY AND MINERALS

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form APD for such proposals.

FORM
Approved August 2004

5. Lease Serial No. or EDA No.
EDA # UIT-EDA-001-000

6. Tribe Name
Ute

SUBMIT IN TRIPLICATE

7. If Unit or CA/Agreement, Name and/or No.
N/A

1. Type of Well
☐ Oil Well ☑ Gas Well ☐ Other

8. Well Name and No.
Ute Tribal #1-20-1319

2. Name of Operator
FIML Natural Resources, LLC

9. API Well No.
43-047-36931

3a. Address
410 17th Street, Suite 900 Denver, CO 80202

3b. Phone No. *(include area code)*
303-893-5090

10. Field and Pool, or Exploratory Area
Wildcat

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
NENE 444' FNL & 280' FEL Sec 20 T-13S R-19E

11. County
Uintah

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☑ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other **Spud and Set Surface Casing**
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with the State of Utah. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form Completion shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The Ute Tribal 1-20-1319 spud at 12:00 hrs (MST), 10/12/06.

MIRU Pete Martin's bucket rig. Spud 24" conductor hole @ 12:00 hrs 10/12/06. Drilled 24" hole to 80' (GLM). Set 20" conductor casing @ 80' (GLM). Drilled mouse hole and rat hole. Cemented conductor casing with 21 yards grout cement. RDMO Pete Martin's bucket rig. MIRU Bill Martin's air rig. Drilled 17-1/2" hole from 80' to 1025' (GLM). Ran 25 jts (1002.45') 13 3-8", 54.5#, J-55, condition "A", ST&C casing. Set casing @ 1002' (GLM), float collar@ 964' (GLM). Superior Services cemented surface casing with 900 sx (189.10 bbls) "Premium" cement containing 2.0% CaCl2 & 0.25 pps Flocele. Wt: 15.6 ppg. Yield: 1.18 ft3/sk. MWR: 5.20 gps. Displaced cement with 189.0 bbls fresh water. Plug down with 800 psi @ 1:30 hrs, 10/16/06. Did not circulate cement to surface. Float did not hold, SI w/ 200 psi on casing string. Topped out with 125 sx (26.2 bbl) "Premium" cement containing 2.0% CaCl2 & 0.25 pps Flocele. Wt: 15.6 ppg. Yield: 1.18 ft3/sk. MWR: 5.20 gps. TOC remained static at surface.

State of Utah , Division of Oil, Gas & Mining Surety Bond No. 8193-15-93

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*
Cassandra Parks Title **Operations Assistant**

Signature Cassandra Parks Date 10/17/2006

THIS SPACE FOR UTE INDIAN TRIBE OFFICE USE

Approved by _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice 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. Office _____

RECEIVED

OCT 19 2006

DIV. OF OIL, GAS & MINING

CONFIDENTIAL

Form Sundry
(August 2004)

UTE INDIAN TRIBE

DEPARTMENT OF ENERGY AND MINERALS

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form APD for such proposals.

FORM
Approved August 2004

5. Lease Serial No. or EDA No.
EDA # UIT-EDA-001-000

6. Tribe Name
Ute

SUBMIT IN TRIPLICATE

7. If Unit or CA/Agreement, Name and/or No.
N/A

1. Type of Well
☐ Oil Well ☑ Gas Well ☐ Other

8. Well Name and No.
Ute Tribal #1-20-1319

2. Name of Operator **FIML Natural Resources, LLC**

9. API Well No.
43-047-36931

3a. Address
410 17th Street, Suite 900 Denver, CO 80202

3b. Phone No. *(include area code)*
303-899-5608

10. Field and Pool, or Exploratory Area
Wildcat

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
NENE 444' FNL & 280' FEL Sec 20 T-13S R-19E

11. County
Uintah

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☑ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with the State of Utah. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form Completion shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The APD approved on 8/25/2005, and the subsequent extension of the APD approved by Ute Energy and Minerals on 9/06/2006, provided for a casing and cementing program which now needs to be altered due to more experience in the area. FIML Natural Resources, LLC is requesting approval to change the surface casing setting depth from 2,500' to 1,000', and the inmtermediate casing setting depth from 8,200' to 5,200'. Cement volumes will need to change as well with these new casing setting depths.

FIML Natural Resources, LLC is requesting approval to change the 9-5/8", N-80 43.5#/ft intermediate casing to 9-5/8", N-80, 40.0 #/ft casing.

FIML Natural Resources, LLC is requesting a change of the 7-5/8", P-110, 33.7#/ft contingency drilling liner and the 4-1/2", P-110, 13.5#/ft production casing to 5-1/2", P-110, 20#/ft casing.

Contingency plan should hole conditions change: run 7-5/8", P-110, 33.7#/ft FJL to +- 12,000' and 4-1/2", P-110, 13.5#/ft LT &C production casing.

State of Utah , Division of Oil, Gas & Mining Surety Bond No. 8193-15-93

RECEIVED
SEP 2 9 2006
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)* **Rick L. Parks** Title **Operations Manager**

Signature Rick L. Parks Date 9/14/06

COPY SENT TO OPERATOR
Date: 12-15-06
Initials: DM

THIS SPACE FOR UTE INDIAN TRIBE OFFICE USE

Approved by _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice 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.

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 12/14/06
BY: D. K. Quist

FIML NATURAL RESOURCES, LLC

September 18, 2006

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

Attn.: Ms. Carol Daniels

RE: Ute Tribal #1-20-1319
NENE Sec 20 T-13S R-19E
Uintah County, Utah

Dear Ms. Daniels:

Enclosed is the following information concerning the referenced well.

Sundry Notice – Change of Plans

A copy of this sundry was sent to the Ute Indian Tribe. It contains a contingency plan in case hole conditions change. If pressures become too high, the casing and cementing plan will follow the contingency plan outlined in the attached sundry. If any questions arise or additional information is required, please contact me at 303-893-5090.

Sincerely,

Cassandra Parks
Operations Assistant

/cp
Enclosures:

RECEIVED
SEP 29 2006
DIV. OF OIL, GAS & MINING

410 17th Street, Suite 900 * Denver, CO 80202 * (303)893-5073 * Facsimile (303) 573-0386

Well name:	**2006-12 FIML Ute Tribal 1-20-1319**
Operator:	**FIML Natural Resources LLC**
String type:	Production
Project ID:	43-047-36931
Location:	Uintah County

Design parameters:

Collapse
Mud weight: 9.400 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 3,607 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 6,565 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 11,531 ft

Environment:
H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 253 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: 10,364 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	13444	5.5	20.00	P-110	LT&C	13444	13444	4.653	1674

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	6565	11100	1.691	6565	12630	1.92	231	548	2.38 J

Prepared by: Dustin K. Doucet, Div of Oil,Gas & Minerals
Phone: 801-538-5281
FAX: 810-359-3940
Date: December 14,2006
Salt Lake City, Utah

Remarks:
Collapse is based on a vertical depth of 13444 ft, a mud weight of 9.4 ppg The casing is considered to be evacuated for collapse purposes.
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**2006-12 FIML Ute Tribal 1-20-1319**
Operator:	**FIML Natural Resources LLC**
String type:	Drilling Liner
Project ID:	43-047-36931
Location:	Uintah County

Design parameters:

Collapse
Mud weight: 9.500 ppg
Design is based on evacuated pipe.

Burst
Max anticipated surface pressure: 4,482 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 5,922 psi

No backup mud specified.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Tension:
8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 10,989 ft

Environment:
H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 233 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: 7,176 ft

Liner top: 4,900 ft
Non-directional string.

Re subsequent strings:
Next setting depth: 13,444 ft
Next mud weight: 8.600 ppg
Next setting BHP: 6,006 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 13,444 ft
Injection pressure: 13,444 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	7100	7.625	33.70	P-110	VAM FJL	12000	12000	6.64	1772.2

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	5922	7870	1.329	5922	10860	1.83	205	761	3.71 J

Prepared by: Dustin K. Doucet, Div of Oil,Gas & Minerals
Phone: 801-538-5281
FAX: 810-359-3940
Date: December 14,2006
Salt Lake City, Utah

Remarks:
For this liner string, the top is rounded to the nearest 100 ft.Collapse is based on a vertical depth of 12000 ft, a mud weight of 9.5 ppg The Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**2006-12 FIML Ute Tribal 1-20-1319**
Operator:	**FIML Natural Resources LLC**
String type:	Intermediate
Project ID:	43-047-36931
Location:	Uintah County

Design parameters:

Collapse

Mud weight: 9.400 ppg

Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 3,607 psi

Internal gradient: 0.220 psi/ft

Calculated BHP 4,751 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.50 (B)

Tension is based on buoyed weight.

Neutral point: 4,473 ft

Environment:

H2S considered? No

Surface temperature: 65 °F

Bottom hole temperature: 138 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 1,500 ft

Cement top: 1,781 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 13,444 ft

Next mud weight: 9.400 ppg

Next setting BHP: 6,565 psi

Fracture mud wt: 19.250 ppg

Fracture depth: 13,444 ft

Injection pressure: 13,444 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	5200	9.625	40.00	N-80	LT&C	5200	5200	8.75	2213.8

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2539	3090	1.217	4751	5750	1.21	179	737	4.12 J

Prepared by: Dustin K. Doucet, Div of Oil,Gas & Minerals

Phone: 801-538-5281

FAX: 810-359-3940

Date: December 14,2006

Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 5200 ft, a mud weight of 9.4 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	**2006-12 FIML Ute Tribal 1-20-1319**
Operator:	**FIML Natural Resources LLC**
String type:	Surface
Project ID:	43-047-36931
Location:	Uintah County

Design parameters:

Collapse

Mud weight: 8.800 ppg

Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 1,320 psi

Internal gradient: 0.120 psi/ft

Calculated BHP 1,440 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.50 (B)

Tension is based on buoyed weight.

Neutral point: 870 ft

Environment:

H2S considered? No

Surface temperature: 65 °F

Bottom hole temperature: 79 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 250 ft

Cement top: Surface

Non-directional string.

Re subsequent strings:

Next setting depth: 5,200 ft

Next mud weight: 9.400 ppg

Next setting BHP: 2,539 psi

Fracture mud wt: 19.250 ppg

Fracture depth: 1,500 ft

Injection pressure: 1,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft^3)
1	1000	13.375	54.50	J-55	ST&C	1000	1000	12.49	868

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	457	1130	2.472	1440	2730	1.90	47	514	10.84 J

Prepared by: Dustin K. Doucet, Div of Oil,Gas & Minerals

Phone: 801-538-5281

FAX: 810-359-3940

Date: December 14,2006

Salt Lake City, Utah

Remarks:

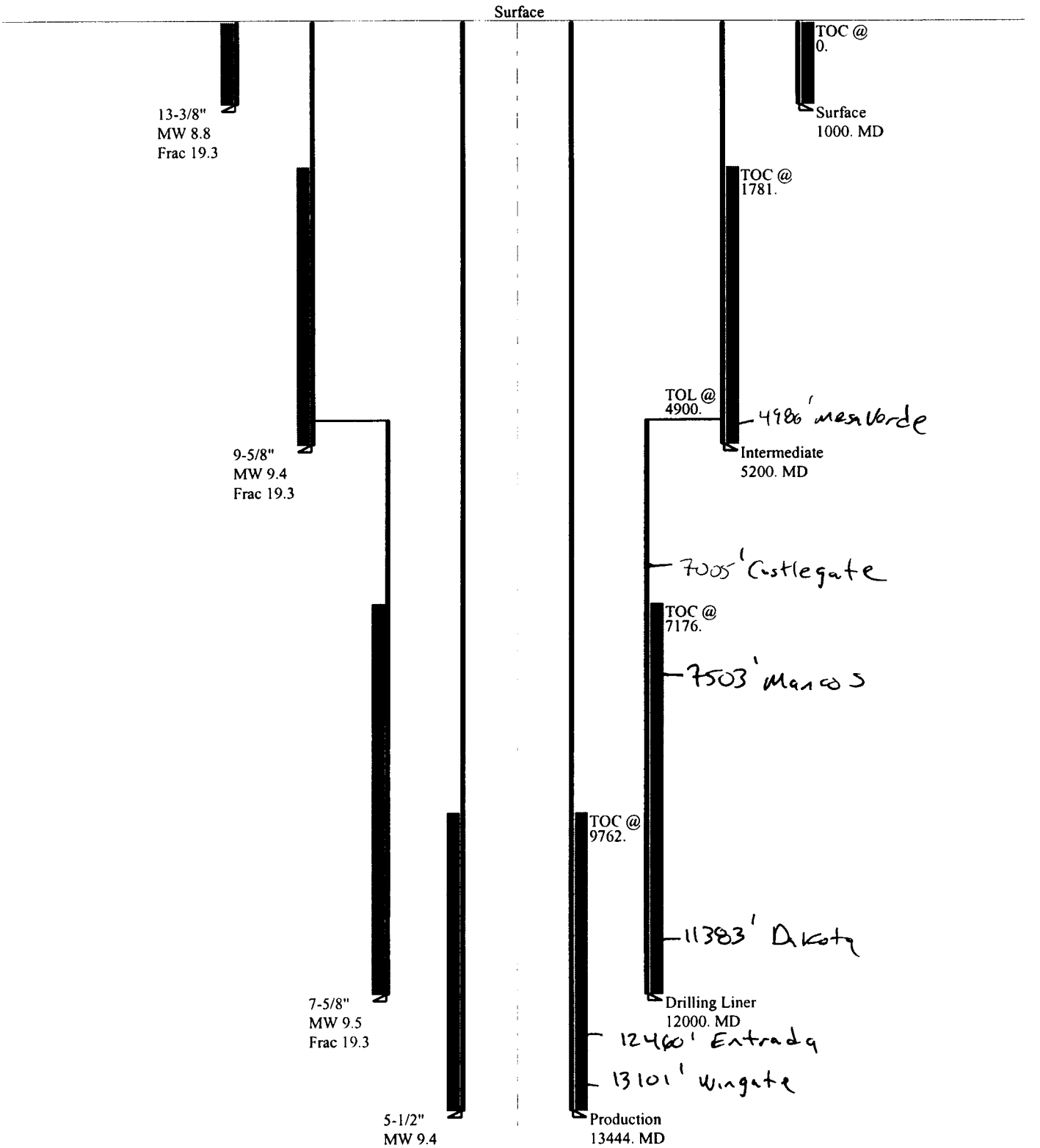
Collapse is based on a vertical depth of 1000 ft, a mud weight of 8.8 ppg The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

2006-12 FIML Ute Tribal 1-20-1319

Casing Schematic



Form Sundry
(August 2004)

UTE INDIAN TRIBE

DEPARTMENT OF ENERGY AND MINERALS

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form APD for such proposals.

FORM
Approved August 2004

5. Lease Serial No. or EDA No.
EDA # UIT-EDA-001-000

6. Tribe Name
Ute

7. If Unit or CA/Agreement, Name and/or No.
N/A

8. Well Name and No.
Ute Tribal #1-20-1319

9. API Well No.
43-047-36931

10. Field and Pool, or Exploratory Area
Wildcat

11. County
Uintah

SUBMIT IN TRIPLICATE

CONFIDENTIAL

1. Type of Well
☐ Oil Well ☑ Gas Well ☐ Other

2. Name of Operator **FIML Natural Resources, LLC**

3a. Address
410 17th Street, Suite 900 Denver, CO 80202

3b. Phone No. *(include area code)*
303-893-5090

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
NENE 444' FNL & 280' FEL Sec 20 T-13S R-19E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☑ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other **Resumed Drilling Operations**
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with the State of Utah. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form Completion shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Krobar Drilling Company rig #21 resumed drilling operations on November 11, 2006.

State of Utah , Division of Oil, Gas & Mining Surety Bond No. 8193-15-93

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*
Cassandra Parks Title **Operations Assistant**

Signature Cassandra Parks Date 11/16/2006

THIS SPACE FOR UTE INDIAN TRIBE OFFICE USE

Approved by _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice 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. Office _____

RECEIVED
NOV 20 2006
DIV. OF OIL, GAS & MINING

FIML NATURAL RESOURCES, LLC

November 16, 2006

CONFIDENTIAL

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

Attn.: Ms. Carol Daniels

RE: Ute Tribal #1-20-1319
NENE Sec 20 T-13S R-19E
Uintah County, Utah

Dear Ms. Daniels:

Enclosed is the following information concerning the referenced well.

Sundry Notice – Resumed Drilling Operations

If any questions arise or additional information is required, please contact me at 303-893-5090.

Sincerely,

Cassandra Parks
Operations Assistant

/cp
Enclosures:

RECEIVED
NOV 2 0 2006
DIV. OF OIL, GAS & MINING

410 17th Street, Suite 900 * Denver, CO 80202 * (303)893-5073 * Facsimile (303) 573-0386

Form Sundry
(August 2004)

CONFIDENTIAL

FORM
Approved August 2004

UTE INDIAN TRIBE

DEPARTMENT OF ENERGY AND MINERALS

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form APD for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well: ☐ Oil Well ☑ Gas Well ☐ Other

2. Name of Operator: **FIML Natural Resources, LLC**

3a. Address: **410 17th Street, Suite 900 Denver, CO 80202**

3b. Phone No. *(include area code)*: **303-893-5090**

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*

NENE 444' FNL & 280' FEL Sec 20 T-13S R-19E

5. Lease Serial No. or EDA No.
EDA # UIT-EDA-001-000

6. Tribe Name
Ute

7. If Unit or CA/Agreement, Name and/or No.
N/A

8. Well Name and No.
Ute Tribal #1-20-1319

9. API Well No.
43-047-36931

10. Field and Pool, or Exploratory Area
Wildcat

11. County
Uintah

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☑ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other **Composite Drilling Operations Report**
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with the State of Utah. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form Completion shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Attached is the composite drilling operations report for the Ute Tribal 1-20-1319.

State of Utah , Division of Oil, Gas & Mining Surety Bond No. 8193-15-93

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*: **Cassandra Parks** Title **Operations Assistant**

Signature: Cassandra Parks Date 3/9/2007

THIS SPACE FOR UTE INDIAN TRIBE OFFICE USE

Approved by _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice 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. Office _____

RECEIVED
MAR 1 2 2007
DIV. OF OIL, GAS & MINING

Ute Tribal 01-20-1319
Well History Report

Cultural Data **GWiz Number:** UT.0014.010 **API Number:** 43047369310000 **Rig Name:** Kro-Bar 21

County: Uintah, UT **Section:** 20 **Twp/Abstract:** 13S **Block:** **Range:** 19E **Qtr1:** NE **Qtr2:** NE **Qtr3:**

Dates at a Glance

Spud: 10/12/2006 **Rig Release:** 2/19/2007 **First Production:** **First Sales:**

Depths at a Glance

Proposed TD: **TD Drill:** 13244 **TD Log:** 13250 **PBTD:** 0

Drilling

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
10/12/2006						
	02 - Drilling	12:00 PM		0	80	MIRU Pete Martin's bucket rig. Spud 24" conductor hole at 12:00 hours, MST, 10/12/2006. Drilled 24" hole to 80' (GLM.) Set 20" conductor casing at 80' (GLM.) Drilled mouse hole and rat hole. Cemented conductor casing with 21 yards grout cmeent. RDMO Pete Martin's bucket rig.

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
10/16/2006	1 13-3/8", Halliburton, SS-II, guide shoe 1 joint 13-3/8", 54.5#, J-55, ST&C Condition A casing 1 13-3/8" Halliburton, SS-II, float collar 24 joints 13-3/8", 54.5#, J-55, ST&C Condition A casing 25 TOTAL JOINTS KB correction 0 Casing set at 1002.45' Float collar at 963.95'			1.20' 35.90' 1.40' 963.95' TOTAL 1002.45'		
	Superior Services pumped 20 bbls 8.5 ppg gelled water spacer. Cemented single stage slurry with 900 sacks (189.10 bbls) Premium cement containing 2% CaCl2 & 0.25 pps flocele. Wt: 15.6 ppg, Yield 1.18 ft 3/sk. MWR: 5.20 gps. Displaced cement with 189 bbls fresh water. Plug down with 800 psi at 01:30 hours, MST, 10/16/06. Float did not hold. Did not circulate cement to surface. Topped out with 125 sacks (26.2 bbls) class A cement containing 2% CaCl2 & 0.25 pps flocele. Wt: 15.6 ppg, Yield 1.18 ft3/sk. MWR: 5.20 gps. TOC remained at surface.					
	02 - Drilling	6:00 AM		80	1025	MIRU Bill Martin's Air rig. Drilled 17-1/2" hole from 80' to 1025' GLM. Ran 25 joints (1002.45') 13-3/8", 54.5#, J-55, condition A ST&C casing. Set casing at 1002' GLM, float collar at 964' GLM. Superior Services cemented surface casing with 900 sacks (189.10) bbls Premium cement containing 2% CaCl2 & 0.25 pps Flocele. Wt: 15.6 ppg, Yield 1.18 ft3/sk, MWR: 5.20 gps. Displaced cement with 189 bbls fresh water. Plug down with 800 psi at 01:30 hours on 10/16/2006. Did not circulate cement to surface. Float did not hold, SI with 200 psi on casing string. Topped out with 125 sacks (26.2 bbls) Premium cement containing 2% CaCl2 &0.25 pps Flocele. Wt: 15.6 ppg, Yield: 1.18 ft3/sk, MWR: 5.20 gps. TOC remained static at surface.
10/31/2006						
	01 - Rig Up & Tear Down	6:00 AM	6:00 PM	1025	1025	MI Pipe tubs, mud pumps and misc equipment onto location. Have approximately 35% of rig moved onto location. Hauled mud products to location. SDFN.
11/1/2006						
	01 - Rig Up & Tear Down	6:00 AM	6:00 PM	1025	1025	MI remaining mud pits, derrick and floor motors. Prepare to MI substructure. Have approximately 60% of rig moved onto location.
11/2/2006						
	01 - Rig Up & Tear Down	6:00 AM	6:00 PM	1025	1025	MI matting boards and substructure (had to re-level drill pad). RU BOP stack on well head. Prepare to set matting boards and substructure. Have approximately 90% of rig moved onto location. Set new floor motor in place and work on drawworks.
11/3/2006						

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
	01 - Rig Up & Tear Down	6:00 AM	6:00 PM	1025	1025	Set matting boards and sub base, align and level sub. Install draw works and rotary table. Spot and install compound, motor shed and shale shaker pit. Rig is 100% MI and 30% RU.
11/4/2006						
	01 - Rig Up & Tear Down	6:00 AM	6:00 PM	1025	1025	Assemble derrick and string blocks. Set mud pumps, hopper house, light plants, fuel tanks, water tank, centrifuge and boiler. Approximately 65% rigged up.
11/5/2006						
	01 - Rig Up & Tear Down	6:00 AM	6:00 PM	1025	1025	Moved camp units from UT 3-27-1319 to UT 1-20-1319 and set up living quarters. Reposition fuel tank #2. Work on draw works - replace studs inside drum. Rig up mud lines, air and fuel lines. Prep derrick and rig floor to raise derrick. Approximately 80% rigged up.
11/6/2006						
	01 - Rig Up & Tear Down	6:00 AM	6:00 PM	1025	1025	String up drilling line, start motors, raise derrick, remove bridle lines. Hang blocks, change out brake pads. RU floor. Install wind walls, RU winches and run hydraulic lines.
11/7/2006						
	01 - Rig Up & Tear Down	6:00 AM	6:00 AM	1025	1025	Adjust and burn brake pads in. RU floor, PU Kelly swivel, weld flow nipple up and install flow nipple. Move BHA to location, Install choke and kill lines on BOP. Change configuration of valves on choke manifold. 90% rigged up.
11/8/2006						
	01 - Rig Up & Tear Down	6:00 AM	6:00 AM	1025	1025	Finish NU BOP. Fabricate flow nipple. Finish modifications to choke manifold, finish installation of wind walls. RU Pason in pits, install lower Kelly cock. Forklift ignition does not work, waiting on replacement ignition switch. Need the forklift to do the work remaining. 90% rigged up.
11/9/2006						
	01 - Rig Up & Tear Down	6:00 AM	6:00 AM	1025	1025	RU Boiler lines. Install tarp wind walls around motor shed. Waiting on forklift starter. Install scaffolding around BOP. Fabricate line from choke manifold to degasser. Spot choke manifold in place. Hook up choke hose. Sort and lay out BHA 1. Run flare line from degasser. Currently welders are modifying panic line on choke manifold to reach flare pit. 96% rigged up.

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
11/10/2006						
	14 - Nipple up B.O.P.	6:00 AM	1:00 PM	1025	1025	Finish modifications on choke manifold lines and degasser line. Continue to work on scaffolding. Moved water from reserve pit to rig pits and checked mud lines. Refaced damaged kelly pin end.08
	14 - Nipple up B.O.P.	1:00 PM	10:00 PM	1025	1025	MU test equipment and test BOP's to 250 psi low and 5000 psi high. First high pressure test BOP spacer tool split at weld below flange. Test choke valves on manifold, ok. RD & released testers until repairs were made to spacer tool.
	14 - Nipple up B.O.P.	10:00 PM	1:00 AM	1025	1025	ND BOP
	14 - Nipple up B.O.P.	1:00 AM	5:30 AM	1025	1025	Repair split on spacer spool
	14 - Nipple up B.O.P.	5:30 AM	6:00 AM	1025	1025	NU BOP
11/11/2006						
	02 - Drilling	6:00 AM	8:30 AM	1025	1025	NUBOP
	02 - Drilling	8:30 AM	9:30 AM	1025	1025	NDBOP and spacer spool. Spacer spool not rated for testing, spacer spool for rotating head only.
	02 - Drilling	9:30 AM	1:00 PM	1025	1025	WO drilling spool from Weatherford
	02 - Drilling	1:00 PM	4:00 PM	1025	1025	NUBOP
	02 - Drilling	4:00 PM	6:30 PM	1025	1025	Finish pressure testing BOPE 250 psi low and 5000 psi high, all good tests.
	02 - Drilling	6:30 PM	7:00 PM	1025	1025	Install wear bushing
	02 - Drilling	7:00 PM	2:00 AM	1025	1025	PU BHA 1 & TIH to 949'
	02 - Drilling	2:00 AM	5:30 AM	1025	1025	PU Kelly and broke circulation. Found several leaks in lines and kelly swivel packing. Repaired leaks.
	02 - Drilling	5:30 AM	6:00 AM	1025	1025	DOFUS at 05:30 hours on 11/11/2006.
11/12/2006						
	02 - Drilling	6:00 AM	11:00 AM	1025	1026	Drilling shoe track from 980 to 1026
	02 - Drilling	11:00 AM	12:00 PM	1026	1055	Drilling from 1026 to 1055 - 30 rpm, 135 MM, 2360 psi, 10-15K WOB
	02 - Drilling	12:00 PM	1:30 PM	1055	1055	Rig repair - repair 4" discharge valve on mud pumps.
	02 - Drilling	1:30 PM	2:30 PM	1055	1055	Perform FIT at 1055' with 8.4 ppg, MW 98 psi surface pressure = 10.18 EMW. WLS @ 1017 @ 1°
	02 - Drilling	2:30 PM	3:00 PM	1055	1055	Service rig
	02 - Drilling	3:00 PM	6:00 AM	1055	1780	Drilling from 1055 to 1780 (40 - 50 rpm, 135 MM, 2498 psi, 20-25K WOB)

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
11/13/2006						
	02 - Drilling	6:00 AM	6:30 AM	1780	1804	Drilling from 1780 to 1804 (40-50 RPM, 135 MM, 2498 psi, 20-25K WOB)
	02 - Drilling	6:30 AM	7:30 AM	1804	1804	Replace drive shaft on #2 motor.
	02 - Drilling	7:30 AM	8:00 AM	1804	1804	Service rig
	02 - Drilling	8:00 AM	8:30 AM	1804	1804	Repair rig, Replace O ring in Kelly hose.
	02 - Drilling	8:30 AM	9:00 AM	1804	1830	Drilling from 1804 to 1830
	02 - Drilling	9:00 AM	10:00 AM	1830	1830	Repair Kelly Swivel.
	02 - Drilling	10:00 AM	10:30 AM	1830	1837	Drilling from 1830 to 1837
	02 - Drilling	10:30 AM	11:00 AM	1837	1837	WLS @ 1775 @ 1.5°. Retrieved broken DP screen with survey tool.
	02 - Drilling	11:00 AM	4:30 PM	1837	1946	Drilling from 1837 to 1946
	02 - Drilling	4:30 PM	5:00 PM	1946	1946	Repair rig. Tighten mud vibrator hose union.
	02 - Drilling	5:00 PM	6:00 AM	1946	2287	Drilling from 1946 to 2287
11/14/2006						
	02 - Drilling	6:00 AM	7:30 AM	2287	2300	Drilling from 2287 to 2300, lost PP differential
	02 - Drilling	7:30 AM	11:00 AM	2300	2300	Drop survey and blow down kelly. POOH to check cause of pressure loss, found split MM housing.
	02 - Drilling	11:00 AM	11:30 AM	2300	2300	Service rig
	02 - Drilling	11:30 AM	3:00 PM	2300	2300	WO new mud motor. Worked on mud pumps while waiting on mud motor.
	02 - Drilling	3:00 PM	5:30 PM	2300	2300	PU bit 2, 0.15 MM and TIH to 2225'
	02 - Drilling	5:30 PM	6:00 PM	2300	2300	Wash and ream from 2225 to 2287
	02 - Drilling	6:00 PM	7:00 PM	2300	2311	Drilling from 2300 to 2311. Drilling with both pumps.
	02 - Drilling	7:00 PM	7:30 PM	2311	2311	Rig repair. Repair mud discharge line (weld up leak.)
	02 - Drilling	7:30 PM	10:30 PM	2311	2345	Drilling from 2311 to 2345. Drilling with both pumps.
	02 - Drilling	10:30 PM	6:00 AM	2345	2542	Drilling from 2345 to 2542 (50 RPM RT, 75 MM, 900 psi, 10-15K WOB) Drilling with 1 pump. Replaced API ring on pump #2 Hydril.
11/15/2006	One man short on morning tour. Andrew Twarling got his thumb injured when the high winds slammed the door closed on it. He was taken to the hospital.					
	19 - Fishing	6:00 AM	4:00 PM	2542	3009	Drilling from 2542 to 3009, pumped sweep at 2883, wellbore unloading lots of cuttings.
	19 - Fishing	4:00 PM	4:30 PM	3009	3009	WLS @ 2949 @ .75°

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
	19 - Fishing	4:30 PM	6:00 PM	3009	3041	Drilling from 3009 to 3041 (RT: 50 RPM, 121 MM, 2556 PSI, 10-15K WOB) pump hi vis sweep
	19 - Fishing	6:00 PM	6:30 PM	3041	3041	Stuck pipe while reaming to bottom after making connection. Jar free at 100K over string weight.
	19 - Fishing	6:30 PM	8:00 PM	3041	3041	LD single joint. Wash and ream from 3009 to 3035. Pump several hi-vis sweeps, unable to ream to bottom at 3041'. High torque at surface and lost 270 psi.
	19 - Fishing	8:00 PM	11:00 PM	3041	3041	Blow down kelly. TOH, retrieved 19.02' of motor housing. Left 7.21' of motor housing, stator, dog sub and bit in hole. Total length of fish: 21.71'
	19 - Fishing	11:00 PM	6:00 AM	3041	3041	WO fishing tools (8" overshot and extension to swallow 12' of stator and 2' of MM housing.)
11/16/2006						
	19 - Fishing	6:00 AM	8:00 AM	3041	3041	WO fishing tools
	19 - Fishing	8:00 AM	10:30 AM	3041	3041	Unload, measure and MU overshot, extension and bumper sub fishing assembly.
	19 - Fishing	10:30 AM	1:00 PM	3041	3041	TIH with fishing assembly to 3001
	19 - Fishing	1:00 PM	2:00 PM	3041	3041	Kelly up and pump 35 SPM at 120 psi. Wash over fish from 3020 to 3036, had increase in PP to 328 psi. Took weight at 3033'. Worked down 3' more to 3036' with 45K set down weight. Jar on fish, set down took wt 6" higher. PU and jars tripped, set back down same area. Turn pump off and PU pulled to 175K#, no bleed off of weight. Jarred and pumped fish free.
	19 - Fishing	2:00 PM	5:00 PM	3041	3041	POOH with fishing assembly and 16.80' of fish (stator and drive shaft)
	19 - Fishing	5:00 PM	6:00 PM	3041	3041	TIH with fishing assembly
	19 - Fishing	6:00 PM	7:00 PM	3041	3041	POOH with fishing assembly, install fishing jars on top of bumper sub.
	19 - Fishing	7:00 PM	11:30 PM	3041	3041	TIH with fishing assembly. Laydown drilling jars.
	19 - Fishing	11:30 PM	2:00 AM	3041	3041	Wash down and work overshot over fish. Appeared to latch onto fish.
	19 - Fishing	2:00 AM	6:00 AM	3041	3041	POOH with fishing assembly. Recovered motor housing, dog sub and bit (9.71' of fish). Appear to have small pieces of mud motor junk and bit inserts remaining in hole.
11/17/2006						
	05 - Condition Mud & Circulate	6:00 AM	10:30 AM	3041	3041	Finish LD and loading out fishing tools
	05 - Condition Mud & Circulate	10:30 AM	1:00 PM	3041	3041	Wait on globe basket

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
	05 - Condition Mud & Circulate	1:00 PM	2:00 PM	3041	3041	Unload tools
	05 - Condition Mud & Circulate	2:00 PM	3:00 PM	3041	3041	Measure and make up tools
	05 - Condition Mud & Circulate	3:00 PM	6:00 PM	3041	3041	TIH with globe basket, junk basket and boot sub.
	05 - Condition Mud & Circulate	6:00 PM	8:00 PM	3041	3041	Wash to bottom and cut 2.5 foot core
	05 - Condition Mud & Circulate	8:00 PM	11:30 PM	3041	3041	TOH did not recover any junk
	05 - Condition Mud & Circulate	11:30 PM	3:30 AM	3041	3041	TIH with 12.25" bit and boot sub
	05 - Condition Mud & Circulate	3:30 AM	5:30 AM	3041	3041	Wash and ream 20' to bottom.
	05 - Condition Mud & Circulate	5:30 AM	6:00 AM	3041	3041	Mix and pump hi vis sweep. Start drilling on junk iron, attempting to get past junk.
11/18/2006						
	21 - Other	6:00 AM	7:00 AM	3041	3041	Break circulation and work swivel
	21 - Other	7:00 AM	8:00 AM	3041	3041	Wash to bottom
	21 - Other	8:00 AM	10:30 AM	3041	3046	Drilling from 3041 to 3046, trying to kick iron into wall. Unable to drill past the junk in the hole.
	21 - Other	10:30 AM	4:00 PM	3046	3046	Spot heavy vis pill on bottom and TOH
	21 - Other	4:00 PM	5:00 PM	3046	3046	Pick up globe basket, circ sub and junk sub.
	21 - Other	5:00 PM	6:30 PM	3046	3046	Service rig and change out drive line on #2 motor.
	21 - Other	6:30 PM	8:30 PM	3046	3046	TIH
	21 - Other	8:30 PM	10:00 PM	3046	3046	Wash to bottom and cut 1.8' core
	21 - Other	10:00 PM	11:30 PM	3046	3046	TOH with globe basket
	21 - Other	11:30 PM	1:30 AM	3046	3046	Break tools down, recovered 5 1" OD bearings
	21 - Other	1:30 AM	4:00 AM	3046	3046	TIH with 12.25" OD Weatherford concave mill.
	21 - Other	4:00 AM	6:00 AM	3046	3046	Milling on junk from 3046 to 3057
11/19/2006						
	02 - Drilling	6:00 AM	11:00 AM	3046	3046	Milling on junk at 3057 and pumping high vis sweeps
	02 - Drilling	11:00 AM	12:00 PM	3046	3046	Circulate bottoms up and spot high vis pill on bottom.
	02 - Drilling	12:00 PM	2:00 PM	3046	3046	TOH with concave mill. Mill 85% worn. Recovered several small pieces of metal in junk sub.
	02 - Drilling	2:00 PM	2:30 PM	3046	3046	Break down fishing tools and pick up 12-1/4" RR bit

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
	02 - Drilling	2:30 PM	3:00 PM	3046	3046	Rig service
	02 - Drilling	3:00 PM	5:00 PM	3046	3046	TIH
	02 - Drilling	5:00 PM	6:00 AM	3057	3122	Drilling from 3057 to 3122
11/20/2006						
	02 - Drilling	6:00 AM	10:00 AM	3122	3122	TOH, LD Bit 3, junk basket and bit sub.
	02 - Drilling	10:00 AM	2:30 PM	3122	3122	TIH with bit 4
	02 - Drilling	2:30 PM	4:00 PM	3122	3122	Wash and ream 75' to bottom
	02 - Drilling	4:00 PM	7:00 PM	3122	3173	Drilling from 3122 to 3173 (17 fph)
	02 - Drilling	7:00 PM	7:30 PM	3173	3173	Rig repair, change out union on mud line in pump house
	02 - Drilling	7:30 PM	10:00 PM	3173	3205	Drilling from 3173 to 3205 (16 fph)
	02 - Drilling	10:00 PM	11:00 PM	3205	3205	Rig repair, work on draw works motors.
	02 - Drilling	11:00 PM	2:00 AM	3205	3241	Drilling from 3205 to 3241 (12 fph)
	02 - Drilling	2:00 AM	3:00 AM	3241	3241	Rig repair, #1 pump has a leak on mud line. Shut down #1 pump.
	02 - Drilling	3:00 AM	6:00 AM	3241	3260	Drilling from 3241 to 3260 (6.3 fph) Drilling with #2 pump - 1025# PP, 8000# BW. Waiting on welder to repair #1 pump. Need to drill with both pumps to maintain desired penetration rate.
11/21/2006	Rig has been drlg w/ 1 mud pump last 24 hrs. Will pull up into shoe and suspend operations until able to repair 2nd mud pump					
	08 - Repair Rig	6:00 AM	9:00 AM	3260	3271	Drlg f/ 3260-3271'
	08 - Repair Rig	9:00 AM	9:30 AM	3271	3271	WLS @ 3200' @ 1°
	08 - Repair Rig	9:30 AM	4:30 AM	3271	3373	Drlg f/ 3271-3373' w/ pump #1 w/1500# pump pressure and 80# differential pressure
	08 - Repair Rig	4:30 AM	6:00 AM	3373	3373	Rig repair; pack swivel
11/22/2006	Currently drlg w/ #1 pump and Superior Services pump truck. Waiting on mechanic to repair #2 mud pump.					
	02 - Drilling	6:00 AM	10:30 AM	3373	3373	Rig repair; repair swivel
	02 - Drilling	10:30 AM	11:00 AM	3373	3373	Rig service
	02 - Drilling	11:00 AM	11:30 AM	3373	3373	Circ and pump slug
	02 - Drilling	11:30 AM	1:30 PM	3373	3373	TOOH
	02 - Drilling	1:30 PM	3:30 PM	3373	3373	Change to PDC bit and checked mud motor. RU Superior Services pump truck
	02 - Drilling	3:30 PM	6:00 PM	3373	3373	TIH

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
	02 - Drilling	6:00 PM	7:00 PM	3373	3373	Circ btm up with #1 rig pump and Superior Services pump truck
	02 - Drilling	7:00 PM	6:00 AM	3373	3365	Drlg f/ 3373-3565' w/ #1 pump and Superior Services pump truck (PP: 2450 psi; GPM: 740; BW: 10/15K;RPM: RT-60, MM-96)
11/23/2006	Presently drilling with Krobar 1 pump and Superior services pump truck. Large pump on Superior truck has failed, continued drilling with their small pump. Have lost approximately 2 FPH in penetration rate since we started drilling with the smaller Superior pump. Still waiting for mechanic to arrive and repair Krobar mud pump #2 drive motor.					
	Background gas 1 Max background gas 220 Connection gas 5 Max connection gas 250					
	02 - Drilling	6:00 AM	1:30 PM	3365	3714	Drilling from 3565 to 3714
	02 - Drilling	1:30 PM	2:00 PM	3714	3714	WLS @ 3700 @ 2°
	02 - Drilling	2:00 PM	3:00 PM	3714	3745	Drilling from 3714 to 3745
	02 - Drilling	3:00 PM	3:30 PM	3745	3745	Rig service
	02 - Drilling	3:30 PM	6:00 AM	3745	4002	Drilling from 3745 to 4002 (PP 2150 psi, GPM 622, BW 10/15K & RPM: RT = 45/50/MM=80
11/24/2006	Background gas 1 Max background gas 100 Connection gas 5 Max connection gas 200					
	08 - Repair Rig	6:00 AM	9:00 AM	4002	4035	Drilling from 4002 to 4035 with Krobar pump #1 and Superior pump truck
	08 - Repair Rig	9:00 AM	10:00 AM	4035	4035	Rig repair, change swab and fix mud line on #1 pump
	08 - Repair Rig	10:00 AM	12:00 PM	4035	4062	Drilling from 4035 to 4062
	08 - Repair Rig	12:00 PM	1:00 PM	4062	4062	Replace transmission pump on #2 drawworks motor
	08 - Repair Rig	1:00 PM	5:30 PM	4062	4127	Drilling from 4062 to 4127 with Krobar pumps #1 & #2. Released Superior pump truck
	08 - Repair Rig	5:30 PM	6:00 PM	4127	4127	Rig repair, change cap gasket on #2 pump
	08 - Repair Rig	6:00 PM	9:00 PM	4127	4167	Drilling from 4127 to 4167
	08 - Repair Rig	9:00 PM	11:30 PM	4167	4167	Rig repair, change out rod and head on #2 pump.
	08 - Repair Rig	11:30 PM	12:00 AM	4167	4167	Weld mud line in pump house
	08 - Repair Rig	12:00 AM	12:30 AM	4167	4167	TOH with 10 stands
	08 - Repair Rig	12:30 AM	4:00 AM	4167	4167	Repair #2 pump
	08 - Repair Rig	4:00 AM	4:30 AM	4167	4167	TIH with 10 stands
	08 - Repair Rig	4:30 AM	6:00 AM	4167	4167	Repair compound chain.

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
11/25/2006						
	02 - Drilling	6:00 AM	12:30 PM	4167	4167	Rig repair, repair compound chain
	02 - Drilling	12:30 PM	1:00 PM	4167	4167	Rig repair, change cap gasket on #2 pump
	02 - Drilling	1:00 PM	1:30 PM	4167	4186	Drilling from 4167 to 4186
	02 - Drilling	1:30 PM	2:00 PM	4186	4186	Rig repair, change cap gasket on #2 pump
	02 - Drilling	2:00 PM	3:00 PM	4186	4197	Drilling from 4186 to 4197
	02 - Drilling	3:00 PM	4:30 PM	4197	4197	Rig repair, repair drive chain from compound to drawworks clutch drive
	02 - Drilling	4:30 PM	6:30 PM	4197	4218	Drilling from 4197 to 4218
	02 - Drilling	6:30 PM	7:00 PM	4218	4218	WLS @ 4200 @ 1.5°
	02 - Drilling	7:00 PM	3:30 AM	4218	4327	Drilling from 4218 to 4327
	02 - Drilling	3:30 AM	4:30 AM	4327	4327	Change swab and liner on bull wheel side of #1 pump
	02 - Drilling	4:30 AM	6:00 AM	4327	4335	Drilling from 4327 to 4335
11/26/2006	Background gas 25 Max background gas 280 Connection gas 35 Max connection gas 340					
	02 - Drilling	6:00 AM	2:00 PM	4335	4435	Drilling from 4335 to 4435
	02 - Drilling	2:00 PM	2:30 PM	4435	4435	Rig service
	02 - Drilling	2:30 PM	9:00 PM	4435	4543	Drilling from 4435 to 4543
	02 - Drilling	9:00 PM	10:00 PM	4543	4543	Rig repair, repair leaking stand pipe in mud house.
	02 - Drilling	10:00 PM	6:00 AM	4543	4637	Drilling from 4543 to 4637
11/27/2006	Background gas 10 Max background gas 195 Connection gas 20 Max connection gas 320					
	02 - Drilling	6:00 AM	8:00 AM	4637	4667	Drilling from 4637 to 4667
	02 - Drilling	8:00 AM	8:30 AM	4667	4667	Change out light plants
	02 - Drilling	8:30 AM	3:00 PM	4667	4755	Drilling from 4667 to 4755
	02 - Drilling	3:00 PM	3:30 PM	4755	4755	WLS @ 4723 @ .75°
	02 - Drilling	3:30 PM	6:00 AM	4755	4941	Drilling from 4755 to 4941
11/28/2006	Background gas 20 Max background gas 180 Connection gas 40 Max connection gas 240					

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
	06 - Trips	6:00 AM	8:30 AM	4941	4973	Drilling from 4941 to 4973
	06 - Trips	8:30 AM	9:00 AM	4973	4973	Service rig
	06 - Trips	9:00 AM	1:30 PM	4973	5038	Drilling from 4973 to 5038
	06 - Trips	1:30 PM	2:30 PM	5038	5038	Repair rig, replace liner gasket on #2 pump
	06 - Trips	2:30 PM	3:30 PM	5038	5046	Drilling from 5038 to 5046
	06 - Trips	3:30 PM	5:00 PM	5046	5046	Repair rig, replace liner gasket on #2 pump
	06 - Trips	5:00 PM	3:30 AM	5046	5205	Drilling from 5046 to 5205
	06 - Trips	3:30 AM	4:30 AM	5205	5205	Pump hi vis sweep
	06 - Trips	4:30 AM	5:30 AM	5205	5205	Blow kelly down, short trip to 3000' - no tight spots encountered
	06 - Trips	5:30 AM	6:00 AM	5205	5205	TIH to 5205'. Started circulating for intermediate logs.
11/29/2006	Background gas 20 Max background gas 180 Connection gas 40 Max connection gas 240					
	19 - Fishing	6:00 AM	7:00 AM	5205	5205	TIH to TD at 5205', lost tong die downhole on short trip.
	19 - Fishing	7:00 AM	9:30 AM	5205	5205	Pump hi-vis sweep. Circ wellbore clean and pumped slug.
	19 - Fishing	9:30 AM	4:00 PM	5173	5173	POOH to log with SLM. LD 12.25" IBS's, mud motor and bit. SLM = 5173'. Corrected TD from 5205' to 5173'
	19 - Fishing	4:00 PM	5:00 PM	5173	5173	HSM & RU Halliburton Wireline unit
	19 - Fishing	5:00 PM	8:30 PM	5173	5173	Halliburton ran Triple Combo log - LTD 5110'
	19 - Fishing	8:30 PM	9:00 PM	5173	5173	RD Halliburton Wireline unit.
	19 - Fishing	9:00 PM	9:30 PM	5173	5173	MU 11.5" OD magnet with saw tooth guided skirt
	19 - Fishing	9:30 PM	1:30 AM	5173	5173	TIH with SLM. Tagged up at 5066'.
	19 - Fishing	1:30 AM	6:00 AM	5173	5173	Thaw out rotary table. Wash and ream from 5066 to 5093 while pumping hi vis sweeps. Hole trying to pack off at 5093'. Mud up to 40+ vis.
11/30/2006	Will drill to 5205' and run 9-5/8" intermediate casing.					
	06 - Trips	6:00 AM	1:00 PM	5173	5173	Wash and ream with magnet and saw tooth skirt to 5173'. Raised vis while reaming.
	06 - Trips	1:00 PM	3:00 PM	5173	5173	Circulate and condition mud. Raised vis from 33 to 36
	06 - Trips	3:00 PM	5:30 PM	5173	5173	Rig repair. Removed excess slack from compound drive chains.

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
	06 - Trips	5:30 PM	7:00 PM	5173	5173	Short tripped 2 stands, tight hole on bottom 7'.
	06 - Trips	7:00 PM	9:30 PM	5173	5173	Circulate and condition mud, continued to raise vis while thawing out fill up line.
	06 - Trips	9:30 PM	10:00 PM	5173	5173	Pump slug and blow down kelly
	06 - Trips	10:00 PM	2:00 AM	5173	5173	Chain out of hole with magnet (fish retrieved!)
	06 - Trips	2:00 AM	3:00 AM	5173	5173	PU Bit 6, RR 5, & 1.3MM
	06 - Trips	3:00 AM	6:00 AM	5173	5173	TIH with motor and drilling assembly.
12/1/2006	Background gas	20				
	Max background gas	180				
	Connection gas	40				
	Max connection gas	240				
	06 - Trips	6:00 AM	6:30 AM	5173	5173	TIH to 5017'
	06 - Trips	6:30 AM	11:00 AM	5173	5173	Wash and ream from 5017 to 5173. Tight spot from 5163 to 5167
	06 - Trips	11:00 AM	2:30 PM	5173	5190	Drilling from 5173 to 5190
	06 - Trips	2:30 PM	3:00 PM	5190	5190	Service rig
	06 - Trips	3:00 PM	8:30 PM	5190	5205	Drilling from 5190 to 5205
	06 - Trips	8:30 PM	9:30 PM	5205	5205	Circulate and condition well.
	06 - Trips	9:30 PM	11:30 PM	5205	5205	Short trip to 4272. No hole drag or fill on bottom.
	06 - Trips	11:30 PM	2:30 AM	5205	5205	Circulate and condtion well to run casing. Pumped Gyro into place.
	06 - Trips	2:30 AM	6:00 AM	5205	5205	POOH to run 9-5/8" intermediate casing. Gyro survey every 94'.

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
12/2/2006	1 9-5/8", Halliburton, Super Seal II Float shoe (PDC drillable) 1.70' 2 jts 9-5/8", 40#, N-80, LT&C casing 86.43' 1 9-5/8", Halliburton, Super Seal II Float collar (PDC drillable) 1.60' 120 jts 9-5/8", 40#, N-80, LT&C casing 5107.23' 122 total joints Total 5196.96 KB correction -1.96 Casing set at KBM 5195.00 Latch down baffle @ 5105.27 3 jts 9-5/8" casing remain on location 128.13' Lead cement: Superior Cementing Services tested lines to 5000 psi. Pumped 10 bbls water, 20 bbls Dual Spacer and 10 bbls water. Lead slurry consisted of 715 sacks (486 bbls) Class H cement containing 16% gel, 0.25 pps Super Flake, 1% Super SIL-SP, 1 pps Gilsonite, 0.20% Super CR-1, 3% salt and 3 pps Super-GR. Wt 11 ppg, Yield 3.82 ft3/sk, MWR 23.2 gps Tail cement: Tailed in with 600 sacks (132 bbls) 50/50, Pozmix/class H cement containing 2% gel, 5% salt and 0.3% Super FL-200. Wt: 14.2 ppg, Yield: 1.23 ft3/sk, MWR: 5.43 gps. Pump pressure at end of tail slurry 530 psi. Displaced cement with 387 bbls of 9.1 ppg, 41 vis DAP mud. Plug down with 2400 psi (1000 psi over final pp) at 02:36 hours, MST, 12/2/2006. Floats held okay. Circulated 40 bbls cement to surface.					
	21 - Other	6:00 AM	9:00 AM	5205	5205	POOH with BHA. Laydown 8 DC's and 0.13 MM. Function tested blind rams.
	21 - Other	9:00 AM	11:00 AM	5205	5205	HSM with Caliber casing crew. RU casing equipment.
	21 - Other	11:00 AM	7:00 PM	5205	5205	Ran 122 joints (5196.96') of 9-5/8", 40#, LT&C casing. Set casing at 5195', FC @ 5105', 3 joints left out - 128.13'
	21 - Other	7:00 PM	9:00 PM	5205	5205	Circulate and condition well. RD casing crew.
	21 - Other	9:00 PM	9:30 PM	5205	5205	RU Superior Services cementing equipment.
	21 - Other	9:30 PM	11:30 PM	5205	5205	Continue to circulate and wait on water trucks to cement
	21 - Other	11:30 PM	3:30 AM	5205	5205	HSM. Cemented casing with 715 sacks lead and 600 sacks tail (1315 sacks total) Circulated 40 bbls cement to surface.
	21 - Other	3:30 AM	6:00 AM	5205	5205	NDBOP. Prepare to raise BOP stack and set slips.
12/3/2006	Working under extremely cold weather conditions - below zero.					
	21 - Other	6:00 AM	6:00 AM	5205	5205	NDBOP and picked up BOP. Cleaned out cement from top of wellhead to 5' below wellhead. Pulled 90K to set slips and engage pack-off. Made rough cut on casing. Finished NDBOP in sections. Made final cut on casing and started installing 13-5/8" - 5000 psi, X-11" - 10000 psi casing spool.
12/4/2006						
	21 - Other	6:00 AM	12:00 PM	5205	5205	Installed 13-3/8" - 5000 psi x 11" 10000 psi casing spool. Pressure tested void to 5000 psi for 30 minutes - tested ok.

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
	21 - Other	12:00 PM	12:00 AM	5205	5205	Thawed out and NU 11" x 10000 psi BOPE.
	21 - Other	12:00 AM	5:00 AM	5205	5205	Torqued BOP flanges using Double Jack Nipple Up crew
	21 - Other	5:00 AM	6:00 AM	5205	5205	Clean out cellar area and hook up hydraulic lines to BOP. Rig boiler not working, presently looking for a forced air heater.
12/5/2006	Several hours have been lost on operations due to no heat on Rig. Boiler has only ran 48 hours in the last 8 days. Rented space heaters to introduce some heat in sub structure until arrival of hot air unit and repair of rig boiler could be completed. Rig boiler is now repaired, thawing out steam lines to get heat on rig.					
	21 - Other	6:00 AM	2:00 PM	5205	5205	Finish hooking up hydraulics, function rams and fill stack with methanol. Pressured Koomey unit up. Work annular open and closed in an attempt to remove ice. Thaw rig and lines.
	21 - Other	2:00 PM	3:30 PM	5205	5205	Test upper and lower kelly valves to 250 psi low and 5000 psi high.
	21 - Other	3:30 PM	7:00 PM	5205	5205	Continue to thaw out annular to set test plug.
	21 - Other	7:00 PM	6:00 AM	5205	5205	Set test plug. Test pipe rams and annular to 250 psi low and 5000 psi high. Test blind rams, choke line valves, kill line valves and choke manifold to 250 psi low and 10000 psi high. Koomey pump lost prime due to low fluid level in reservior. Choke hose had to be thawed out. Had leak in choke and HCR valve - repaired leak. Pressure tested casing to 2000 psi for 30 minutes.
12/6/2006						
	08 - Repair Rig	6:00 AM	1:30 PM	5205	5205	Finish 2000 psi test on casing. Set test plug and test floor safety valves, lower pipe rams and upper pipe rams to 250 psi low and 10000 psi high. Test upper and lower kelly valves to 250 psi low and 10000 psi high. RD testers and install wear bushing.
	08 - Repair Rig	1:30 PM	9:00 PM	5205	5205	Extend rotating head nipple and NU flowline. Set work deck around BOP's. Thaw water system, thaw gun lines on pits. Weld loose floor plates around motors. Repair various electrical plugs and switches. Repair motor on shaker #2.
	08 - Repair Rig	9:00 PM	12:30 AM	5205	5205	PU Bit and BHA 7, TIH with BHA.
	08 - Repair Rig	12:30 AM	1:00 AM	5205	5205	Rig repair, tighten bolts on drive line.
	08 - Repair Rig	1:00 AM	3:30 AM	5205	5205	TIH to 5092'
	08 - Repair Rig	3:30 AM	5:00 AM	5205	5205	Circulate and condition mud. Mud very thick, added Sapp and Bicarb for drilling cement.
	08 - Repair Rig	5:00 AM	6:00 AM	5205	5205	Rig repair, repair rig water spear on drum to cool brakes, it split due to freezing up.

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
12/7/2006						
	02 - Drilling	6:00 AM	3:30 AM	5205	5205	Repair rig water spear on drum to cool brakes. It had split due to freezing up. Replace right angle drive chain. Replace chains for #1 motor and for #2 to #1 motor on compound.
	02 - Drilling	3:30 AM	6:00 AM	5205	5205	Drilling 9-5/8" shoe track.
12/8/2006	Background gas 15 Max background gas 80 Connection gas 40 Max connection gas 200 Short one hand on each crew.					
	02 - Drilling	6:00 AM	6:30 AM	5205	5205	Drilling 9-5/8" shoe track
	02 - Drilling	6:30 AM	8:00 AM	5205	5205	Circulate BU. Close annular and test casing to 11.5 MWE = 648 psi at 5193', good test.
	02 - Drilling	8:00 AM	8:30 AM	5205	5215	Finish drilling out shoe track. Drilling new formation from 5205 to 5215.
	02 - Drilling	8:30 AM	9:00 AM	5215	5215	Circulate BU. Spot hi vis pill on bottom. Perform FIT to MW of 11.51 ppg.
	02 - Drilling	9:00 AM	6:30 PM	5215	5354	Drilling 5215 to 5354
	02 - Drilling	6:30 PM	7:00 PM	5354	5354	Rig service
	02 - Drilling	7:00 PM	6:00 AM	5354	5453	Drilling from 5354 to 5453
12/9/2006	Background gas 60 Max background gas 500 Connection gas 200 Max connection gas 930 Short 1 hand					
	02 - Drilling	6:00 AM	8:30 AM	5453	5474	Drilling from 5453 to 5474
	02 - Drilling	8:30 AM	9:00 AM	5474	5474	Circulate and pump trip slug.
	02 - Drilling	9:00 AM	12:30 PM	5474	5474	POOH due to ROP.
	02 - Drilling	12:30 PM	4:00 PM	5474	5474	MU bit 8, TIH to 5453 and ream from 5453 to 5474
	02 - Drilling	4:00 PM	3:30 AM	5474	5717	Drilling from 5474 to 5717
	02 - Drilling	3:30 AM	4:30 AM	5717	5717	Rig repair. Move discharge line direct to #1 pump. Steel discharge line has a hole in it.
	02 - Drilling	4:30 AM	6:00 AM	5717	5737	Drilling from 5717 to 5737 (30-40 rpm, 110 rpm mm, 12 -15k WOB)
12/10/2006						
	02 - Drilling	6:00 AM	6:30 AM	5737	5737	Circulate for deviation survey.

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
	02 - Drilling	6:30 AM	7:00 AM	5737	5737	WLS @ 5656 @ 3.4°
	02 - Drilling	7:00 AM	6:30 PM	5737	5959	Drilling from 5737 to 5959
	02 - Drilling	6:30 PM	7:00 PM	5959	5959	Rig service
	02 - Drilling	7:00 PM	9:00 PM	5959	6006	Drilling from 5959 to 6006
	02 - Drilling	9:00 PM	9:30 PM	6006	6006	Rig repair, weld mud line suction.
	02 - Drilling	9:30 PM	6:00 AM	6006	6211	Drilling from 6006 to 6211 (30-40 rpm, 110 rpm mm, 12 -15k WOB)
12/11/2006	Background gas 40 Max background gas 670 Connection gas 220 Max connection gas 780					
	03 - Reaming	6:00 AM	6:30 AM	6211	6211	Circulate for deviation survey
	03 - Reaming	6:30 AM	7:00 AM	6211	6211	Deviation survey at 6130 @ 4.5°
	03 - Reaming	7:00 AM	4:00 PM	6211	6306	Drilling from 6211 to 6306
	03 - Reaming	4:00 PM	4:30 PM	6306	6306	WLS @ 6225 @ 4.8°
	03 - Reaming	4:30 PM	6:00 PM	6306	6315	Drilling from 6306 to 6315
	03 - Reaming	6:00 PM	7:00 PM	6315	6315	Circulate mix and pump dry job
	03 - Reaming	7:00 PM	11:00 PM	6315	6315	POOH for BHA 9 and bit 9
	03 - Reaming	11:00 PM	1:00 AM	6315	6315	LD 0.24 MM & PDC Bit. Strap and PU 0.15 MM & tri-cone bit. Moved roller reamers to 60' & 90'
	03 - Reaming	1:00 AM	5:30 AM	6315	6315	TIH to 6275'
	03 - Reaming	5:30 AM	6:00 AM	6315	6315	Wash and ream from 6275 to 6315 - no fill, no tight hole.
12/12/2006	Background gas 20 Max background gas 100 Connection gas 70 Max connection gas 160					
	02 - Drilling	6:00 AM	6:30 AM	6315	6315	Wash and ream from 6275 to 6315 - no fill, no tight hole.
	02 - Drilling	6:30 AM	5:30 PM	6315	6381	Drilling from 6315 to 6381 (20K WOB, 30 RPM, 69 RPM MM, 1908 PSI)
	02 - Drilling	5:30 PM	6:00 PM	6381	6381	Rig service
	02 - Drilling	6:00 PM	8:00 PM	6381	6381	Repair rig. Weld hole in mud pump discharge line.
	02 - Drilling	8:00 PM	1:00 AM	6381	6401	Drilling from 6381 to 6401 (20K WOB, 25-30 RPM, 69 RPM MM, 1908 PSI)
	02 - Drilling	1:00 AM	1:30 AM	6401	6401	Circulate for deviation survey

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
	02 - Drilling	1:30 AM	2:00 AM	6401	6401	WLS @ 6321 @ 4.8°
	02 - Drilling	2:00 AM	6:00 AM	6401	6421	Drilling from 6401 to 6421 (20K WOB, 25-30 RPM, 69 RPM MM, 1786 PSI)
12/13/2006	Background gas 5 Max background gas 59 Connection gas 15 Max connection gas 90					
	08 - Repair Rig	6:00 AM	2:30 PM	6421	6496	Drilling from 6421 to 6496 (30K WOB, 25-30 RPM, 69 RPM MM, 1786 PSI)
	08 - Repair Rig	2:30 PM	3:00 PM	6496	6496	WLS @ 6416 @ 5.4°
	08 - Repair Rig	3:00 PM	4:30 PM	6496	6509	Drilling from 6496 to 6509 (30K WOB, 25-30 RPM, 69 RPM MM, 1952 PSI)
	08 - Repair Rig	4:30 PM	7:00 PM	6509	6509	Pump sweep and circulate mix and pump dry job. (Suction valve on pit did not hold, mix second slug.)
	08 - Repair Rig	7:00 PM	11:30 PM	6509	6509	TOH. Changed bits and mud motors.
	08 - Repair Rig	11:30 PM	3:30 AM	6509	6509	TIH to 6450
	08 - Repair Rig	3:30 AM	6:00 AM	6509	6509	Repair rig, work on mud pump #1.
12/14/2006	Background gas 10 Max background gas 160 Connection gas 20 Max connection gas 40					
	02 - Drilling	6:00 AM	6:30 AM	6509	6509	Rig repair, work on mud pump #1
	02 - Drilling	6:30 AM	4:00 PM	6509	6573	Drilling from 6509 to 6573 (60 RPM RT, 77 RPM MM, 1978 PSI, 10-20K WOB)
	02 - Drilling	4:00 PM	8:30 PM	6573	6573	Mix and pump slug. TOH to BHA
	02 - Drilling	8:30 PM	11:00 PM	6573	6573	TOH with BHA. LD 8-3/4" RR & .15 MM. PU and removed stabilizer from 0.24 MM & MU bit 11
	02 - Drilling	11:00 PM	2:30 AM	6573	6573	TIH to 6512'
	02 - Drilling	2:30 AM	3:00 AM	6573	6573	Wash and ream from 6512 to 6573
	02 - Drilling	3:00 AM	6:00 AM	6573	6587	Drilling from 6573 to 6587 (60 RPM RT, 125 RPM MM, 1978 PSI, 10K WOB)
12/15/2006	Background gas 50 Max background gas 280 Connection gas 70 Max connection gas 600					
	02 - Drilling	6:00 AM	12:30 PM	6587	6611	Drilling from 6587 to 6611
	02 - Drilling	12:30 PM	1:00 PM	6611	6611	Rig service
	02 - Drilling	1:00 PM	7:00 PM	6611	6644	Drilling from 6611 to 6644
	02 - Drilling	7:00 PM	7:30 PM	6644	6644	Circulate for deviation survey

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
	02 - Drilling	7:30 PM	8:00 PM	6644	6644	WLS @ 6564 @ 6.8°
	02 - Drilling	8:00 PM	6:00 AM	6644	6704	Drilling from 6644 to 6704 (50-60 RPM RT, 125 RPM MM, 2178 PSI, 18-22K WOB)
12/16/2006	Changed pump #2 liners from 5.5" to 6".					
	Background gas 55 Max background gas 420 Connection gas 210 Max connection gas 780 Trip gas 435					
	02 - Drilling	6:00 AM	6:30 AM	6704	6705	Drilling from 6704 to 6705
	02 - Drilling	6:30 AM	7:30 AM	6705	6705	Rig repair, work on pump.
	02 - Drilling	7:30 AM	2:30 PM	6705	6738	Drilling from 6705 to 6738
	02 - Drilling	2:30 PM	4:00 PM	6738	6738	Circulate and mix dry job. Had to mix second slug. Suction valves did not hold on pill tank.
	02 - Drilling	4:00 PM	8:00 PM	6738	6738	POOH for bit 12 & BHA 11
	02 - Drilling	8:00 PM	9:30 PM	6738	6738	LD BHA 10 & Bit 11. Measure and pick up BHA 11 & Bit 12.
	02 - Drilling	9:30 PM	11:00 PM	6738	6738	Rig repair, work on #1 pump.
	02 - Drilling	11:00 PM	2:00 AM	6738	6738	TIH to shoe
	02 - Drilling	2:00 AM	2:30 AM	6738	6738	Install rotating head rubber
	02 - Drilling	2:30 AM	3:00 AM	6738	6738	TIH to 6673'
	02 - Drilling	3:00 AM	3:30 AM	6738	6738	Wash and ream from 6673 to 6738
	02 - Drilling	3:30 AM	6:00 AM	6738	6840	Drilling from 6738 to 6840 (18-22K WOB, 55 RPM, 65 RPM MM, 2100 PSI)
12/17/2006	Background gas 250 Max background gas 2020 Connection gas 500 Max connection gas 2100					
	02 - Drilling	6:00 AM	8:30 AM	6840	6955	Drilling from 6840 to 6955
	02 - Drilling	8:30 AM	9:30 AM	6955	6955	Pump Hi-vis sweep
	02 - Drilling	9:30 AM	10:00 AM	6955	6955	WLS @ 6875 @ 6°
	02 - Drilling	10:00 AM	1:00 PM	6955	7113	Drilling from 6955 to 7113
	02 - Drilling	1:00 PM	1:30 PM	7113	7113	Rig service
	02 - Drilling	1:30 PM	6:00 AM	7113	7238	Drilling from 7113 to 7238

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
12/18/2006	Background gas 200 Max background gas 500 Connection gas 300 Max connection gas 1000					
	02 - Drilling	6:00 AM	5:30 PM	7238	7270	Drilling from 7238 to 7270
	02 - Drilling	5:30 PM	6:00 PM	7270	7270	WLS @ 7190 @ 5.7°
	02 - Drilling	6:00 PM	6:00 AM	7270	7311	Drilling from 7270 to 7311 (55 RPM RT, 65 RPM MM, 2178 PSI, 18-22K WOB)
12/19/2006	Background gas 90 Max background gas 150 Connection gas 210 Max connection gas 210 Trip gas 480					
	02 - Drilling	6:00 AM	10:30 AM	7311	7326	Drilling from 7311 to 7326
	02 - Drilling	10:30 AM	11:00 AM	7326	7326	WLS @ 7246 @ 5.7°
	02 - Drilling	11:00 AM	4:00 PM	7326	7326	Pump dry job and POOH for bit 13 and BHA 12
	02 - Drilling	4:00 PM	4:30 PM	7326	7326	Lubricate rig - change oil in floor motors.
	02 - Drilling	4:30 PM	5:00 PM	7326	7326	PU .15 MM, 2 - 8-3/4" IBS, at 30' & 60', bit 13
	02 - Drilling	5:00 PM	10:30 PM	7326	7326	TIH to 7216
	02 - Drilling	10:30 PM	1:00 AM	7326	7326	Wash and ream from 7216 to 7326 (tight hole - took 1-4K WOB at times)
	02 - Drilling	1:00 AM	6:00 AM	7326	7359	Drilling from 7326 to 7359 (30 RPM RT, 65 RPM MM, 1875 PSI, 30K WOB)
12/20/2006	Background gas 20 Max background gas 60 Connection gas 35 Max connection gas 80					
	02 - Drilling	6:00 AM	4:00 PM	7359	7405	Drilling from 7359 to 7405
	02 - Drilling	4:00 PM	4:30 PM	7405	7405	Rig service
	02 - Drilling	4:30 PM	5:00 PM	7405	7405	Repair rig - light plant went down.
	02 - Drilling	5:00 PM	6:00 AM	7405	7464	Drilling from 7405 to 7464
12/21/2006	Background gas 20 Max background gas 60 Connection gas 35 Max connection gas 80					
	08 - Repair Rig	6:00 AM	11:00 AM	7464	7487	Drilling from 7464 to 7487
	08 - Repair Rig	11:00 AM	11:30 AM	7487	7487	WLS @ 7407 @ 4.7°
	08 - Repair Rig	11:30 AM	12:00 PM	7487	7487	Circulate and pump dry job

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
	08 - Repair Rig	12:00 PM	4:00 PM	7487	7487	POOH for BHA and bit 14
	08 - Repair Rig	4:00 PM	4:30 PM	7487	7487	Rig service
	08 - Repair Rig	4:30 PM	5:30 PM	7487	7487	Rig repair, change oil in light plant #1.
	08 - Repair Rig	5:30 PM	8:00 PM	7487	7487	TIH with bit 14 and BHA.
	08 - Repair Rig	8:00 PM	12:00 AM	7487	7487	Rig repair. Replace water line through drum for brake flanges.
	08 - Repair Rig	12:00 AM	1:00 AM	7487	7487	TIH to 4255
	08 - Repair Rig	1:00 AM	3:30 AM	7487	7487	Rig repair. Hose leaking on brakes, wait on new hose from town.
	08 - Repair Rig	3:30 AM	4:30 AM	7487	7487	Slip and cut 91' of drilling line
	08 - Repair Rig	4:30 AM	6:00 AM	7487	7487	Rig repair. Wait on hoses for brake flanges.
12/22/2006	Background gas 200 Max background gas 2200 Connection gas 700 Max connection gas 3500 Trip gas 2000 Short 1 hand - morning tour Short 1 driller - daylight tour					
	02 - Drilling	6:00 AM	3:00 PM	7487	7487	Rig repair. Wait on hoses for brake flanges.
	02 - Drilling	3:00 PM	5:00 PM	7487	7487	TIH to 7428
	02 - Drilling	5:00 PM	6:00 PM	7487	7487	Wash and ream 7428 to 7487
	02 - Drilling	6:00 PM	6:00 AM	7487	7707	Drilling from 7487 to 7707
12/23/2006	Directional staff and equipment being lined up to arrive on location ASAP. Background gas 800 Max background gas 4500 Connection gas 2400 Max connection gas 6500					
	02 - Drilling	6:00 AM	12:30 PM	7707	7807	Drilling from 7707 to 7807
	02 - Drilling	12:30 PM	1:30 PM	7807	7807	WLS @ 7727 @ 4.8°
	02 - Drilling	1:30 PM	12:30 AM	7807	8123	Drilling from 7807 to 8123
	02 - Drilling	12:30 AM	1:00 AM	8123	8123	Circulate for survey
	02 - Drilling	1:00 AM	2:00 AM	8123	8123	WLS @ 8043 @ 6°
	02 - Drilling	2:00 AM	6:00 AM	8123	8188	Drilling from 8123 to 8188

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
12/24/2006	Background gas 800 Max background gas 5200 Connection gas 400 Max connection gas 6800 Short 2 hands - evening tour Short 1 hand - daylight tour					
	06 - Trips	6:00 AM	12:00 PM	8188	8312	Drilling from 8188 to 8312
	06 - Trips	12:00 PM	1:00 PM	8312	8312	Lubricate rig, grease crown
	06 - Trips	1:00 PM	4:00 PM	8312	8374	Drilling from 8312 to 8374
	06 - Trips	4:00 PM	5:30 PM	8374	8407	Drilling from 8374 to 8407
	06 - Trips	5:30 PM	6:00 PM	8407	8407	Circulate for survey
	06 - Trips	6:00 PM	7:00 PM	8407	8407	WLS @ 8043 @ 6°
	06 - Trips	7:00 PM	7:30 PM	8407	8412	Drilling from 8407 to 8412
	06 - Trips	7:30 PM	8:30 PM	8412	8412	WLS @ 8327 @ 6.4°
	06 - Trips	8:30 PM	2:30 AM	8412	8532	Drilling from 8412 to 8532
	06 - Trips	2:30 AM	3:00 AM	8532	8532	Circulate for survey
	06 - Trips	3:00 AM	4:00 AM	8532	8532	WLS @ 8452 @ 6.9°
	06 - Trips	4:00 AM	6:00 AM	8532	8532	TOH to PU directional tools.
12/25/2006	Background gas 385 Max background gas 1875 Connection gas 4190 Max connection gas 4190 Trip gas 7926 Daylight tour derrick hand injured right leg pulling back heavyweight DP. Went to hospital - released - no injury. MERRY CHRISTMAS!					
	02 - Drilling	6:00 AM	8:00 AM	8532	8532	POH to PU directional tools.
	02 - Drilling	8:00 AM	2:00 PM	8532	8532	POH with BHA. LD Monel DC and mud motor.
	02 - Drilling	2:00 PM	7:00 PM	8532	8532	PU directional assembly and bit 15. Surface test MWD and mud motor. Good test. TIH with BHA
	02 - Drilling	7:00 PM	1:00 AM	8532	8532	TIH to 8440. Take check shot surveys at 6000, 7000, 8000. Verified surveys already taken.
	02 - Drilling	1:00 AM	2:30 AM	8532	8532	Wash and ream from 8390 to 8532. No tight spots. Wellbore in good condition.
	02 - Drilling	2:30 AM	6:00 AM	8532	8590	Directional drilling from 8532 to 8590. Have had only one slide of 16', no surveys yet.
12/26/2006						

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
	02 - Drilling	6:00 AM	12:30 PM	8590	8686	Directional drilling from 8590 to 8686
	02 - Drilling	12:30 PM	1:00 PM	8686	8686	Rig service
	02 - Drilling	1:00 PM	10:00 PM	8686	8875	Directional drilling from 8686 to 8875
	02 - Drilling	10:00 PM	10:30 PM	8875	8875	Rig repair - starter on #1 mud pump
	02 - Drilling	10:30 PM	6:00 AM	8875	8972	Directional drilling from 8875 to 8972
12/27/2006	Background gas 2000 Max background gas 6500 Connection gas 4000 Max connection gas 6600					
	05 - Condition Mud & Circulate	6:00 AM	3:00 PM	8972	9122	Directional drilling from 8972 to 9122 - Drilling breaks from 9105 - 9112 and 9115 to 9121
	05 - Condition Mud & Circulate	3:00 PM	5:30 PM	9122	9122	Circulate out gas kick through choke at 32 spm with 1500# PP. Started to increase MW from 9.2 to 9.5 ppg
	05 - Condition Mud & Circulate	5:30 PM	9:30 PM	9122	9122	Repair rig. Rotating head came off under pressure. Reinstall and tighten flange. Chain rotating head down. API ring gasket is badly damaged. Split and installed new ring gasket. Opened Hydrill and circulated across flow line through degasser, no leaks.
	05 - Condition Mud & Circulate	9:30 PM	2:30 AM	9122	9122	Circulate and finish raising MW to 9.5 - 9.6 ppg. Had 250 bbl loss while circulating through choke manifold. No mud losses while circulating across flow line. Build mud volume to 1150 bbls. Had 90' to 40' flares while circulating through gas buster. Well stable at 02:00 hours.
	05 - Condition Mud & Circulate	2:30 AM	4:30 AM	9122	9148	Directional drilling from 9122 to 9148 - Drilling break from 9127 to 9135. Had increase in flow and BGG. Gain in pits, PU kelly and slow down pump.
	05 - Condition Mud & Circulate	4:30 AM	6:00 AM	9148	9148	Circulate across flowline through gas buster with 40' flare and 48 bbl gain. Increasing MW from 9.6 to 9.8 ppg. Circulate with #2 pump with 700 psi. Work pipe every few minutes. Waiting on bulk barite to raise MW. Choke manifold and choke line blown down.
12/28/2006	Background gas 1700 Max background gas 5500 Connection gas 6200 Max connection gas 6200 1 hand short - morning tour					
	06 - Trips	6:00 AM	2:00 PM	9148	9148	Circulate with #2 pump and raised MW to 9.8 ppg. Circulate through gas buster with 40' flare and work drill pipe. Continued raising MW to 10 ppg from 9.8 ppg with 0 - 20' flare. Shut down pump, no flow. Cleaned cuttings out of gas buster.

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
	06 - Trips	2:00 PM	5:00 PM	9148	9164	Directional drilling from 9148 to 9164. Pump pressure differential running high with low BW. Had trouble sliding reactive torque to the left
	06 - Trips	5:00 PM	8:00 PM	9164	9164	Circulate and raise MW to 10.2 ppg in and out with 38 vis. Check flow, no flow. Pumped slug.
	06 - Trips	8:00 PM	1:00 AM	9164	9164	TOH for bit 16. Checked flow at removal of rotating had rubber, 9-5/8" shoe and BHA. Well breathing but not flowing. 6 bbls short of proper fill of 77 bbls, calculated fill is 83 bbls
	06 - Trips	1:00 AM	2:30 AM	9164	9164	Changed bits, inspected motor, UHBO Sub and installed new MWD sensor.
	06 - Trips	2:30 AM	3:30 AM	9164	9164	Rig repair. Installed new rotating head ring gasket and new studs in Hydrill for rotating head. Studs didn't fit, chained rotating head back down.
	06 - Trips	3:30 AM	6:00 AM	9164	9164	TIH with bit 16. Filled DP at shoe, tested directional tools and PU new drilling jars
12/29/2006	Background gas 1200 Max background gas 4500 Connection gas 4000 Max connection gas 6600 Trip gas 5500					
	02 - Drilling	6:00 AM	8:30 AM	9164	9164	TIH with bit 16 to 8881
	02 - Drilling	8:30 AM	9:00 AM	9164	9164	PU 9 joints of DP
	02 - Drilling	9:00 AM	9:30 AM	9164	9164	Break circulation and circulate out gas
	02 - Drilling	9:30 AM	10:00 AM	9164	9164	Wash and ream 93' to 9164', no fill on bottom
	02 - Drilling	10:00 AM	11:30 AM	9164	9164	Circulate and work on MWD.
	02 - Drilling	11:30 AM	5:00 PM	9164	9197	Directional drilling from 9164 to 9197, raised MW to 10.4 ppg, no flares.
	02 - Drilling	5:00 PM	5:30 PM	9197	9197	Rig service
	02 - Drilling	5:30 PM	6:00 AM	9197	9296	Directional drilling from 9197 to 9296. Lowered MW to 10.2 ppg for ROP - have a flare of 10 - 15'. Sliding 20' and rotating 10' to maintain reasonable degree of angle, fighting strong formation dipping.
12/30/2006	Background gas 2100 Max background gas 5500 Connection gas 3800 Max connection gas 6750					
	02 - Drilling	6:00 AM	7:30 AM	9296	9312	Directional drilling from 9296 to 9312 - lowered MW to 10 ppg for ROP have a flare of 10 - 15'
	02 - Drilling	7:30 AM	8:30 AM	9312	9312	Repair rotating head
	02 - Drilling	8:30 AM	9:30 AM	9312	9327	Directional drilling from 9312 to 9327 - MW at 9.9 ppg, flares 15 - 20' at times.

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
	02 - Drilling	9:30 AM	10:00 AM	9327	9327	Service rig
	02 - Drilling	10:00 AM	6:00 AM	9327	9553	Directional drilling from 9327 to 9553 - MW at 9.9 ppg, flares 15 - 20' at times.
12/31/2006	Total of 22 hours slid drilling with 320° - 340° toolface to maintain angle and azimuth. Unable to rotate drill due to severe formation dipping.					
	Background gas 1300 Max background gas 6000 Connection gas 4000 Max connection gas 6800					
	02 - Drilling	6:00 AM	11:00 AM	9553	9641	Directional drilling from 9553 to 9641 - MW at 9.9 ppg, flares 15 - 20' at times
	02 - Drilling	11:00 AM	11:30 AM	9641	9641	Service rig
	02 - Drilling	11:30 AM	6:30 PM	9641	9768	Directional drilling from 9641 to 9768 - MW at 9.9 ppg, flares 15 - 20' at times
	02 - Drilling	6:30 PM	8:00 PM	9768	9768	Pason installed new flow line sensor. Krobar installed new rotary torque gauge. Re-calibrated Pason gas detector.
	02 - Drilling	8:00 PM	6:00 AM	9768	9960	Directional drilling from 9768 to 9960 - MW at 9.9 ppg, flare 10 - 20' constant.
1/1/2007	Background gas 1100 Max background gas 2700 Connection gas 2300 Max connection gas 4400 trip gas 4300					
	02 - Drilling	6:00 AM	9:00 AM	9960	9960	Circulate. Unable to isolate pits to mix weighted pill due to leaking valves.
	02 - Drilling	9:00 AM	9:30 AM	9960	9960	Mixed 60 bbl 12 ppg weighted pill to spot at shoe for trip - slight flow at 2.7 bph with 9.9 ppg mud
	02 - Drilling	9:30 AM	10:00 AM	9960	9960	Pumped 60 bbl 12 ppg pill from 9960 to approx 5100. Checked flow - no flow.
	02 - Drilling	10:00 AM	11:00 AM	9960	9960	Pumped 40 bbl 14 ppg slug. Checked flow - no flow.
	02 - Drilling	11:00 AM	3:00 PM	9960	9960	TOH for new bit. Check for flow after pulling 20 stands, at shoe and at BHA - No flow.
	02 - Drilling	3:00 PM	5:30 PM	9960	9960	LD 1.5° BHMM & bit 16. PU 1.83° BHMM and bit 17. Orient UHBO sub and install MWD
	02 - Drilling	5:30 PM	6:30 PM	9960	9960	TIH with BHA and test MWD
	02 - Drilling	6:30 PM	8:00 PM	9960	9960	Repair rig, thaw water line to cool brakes.
	02 - Drilling	8:00 PM	1:00 AM	9960	9960	TIH to 9954
	02 - Drilling	1:00 AM	2:30 AM	9960	9960	Circulate out gas with 50' flare.
	02 - Drilling	2:30 AM	6:00 AM	9960	10020	Directional drilling from 9960 to 10020. No new surveys at report time.

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
1/2/2007	Drilling through gas buster with constant 5' flare.					
	Background gas 1050 Max background gas 3980 Connection gas 1700 Max connection gas 4100					
	02 - Drilling	6:00 AM	5:00 PM	10020	10172	Directional drilling from 10020 to 10172. Change to #1 pump at 10113
	02 - Drilling	5:00 PM	5:30 PM	10172	10172	Service rig
	02 - Drilling	5:30 PM	6:00 AM	10172	10399	Directional drilling from 10172 to 10399. Sliding 8 - 12' per kelly to maintain 4° inclination with 210 - 220° azimuth
1/3/2007	Drilling with constant 10 - 20' flare with 9.9 ppg MW.					
	Background gas 1240 Max background gas 3200 Connection gas 1400 Max connection gas 3700					
	02 - Drilling	6:00 AM	9:00 AM	10399	10420	Directional drilling from 10399 to 10420. Drilling with pump #1, 80% rotate and 20% slide
	02 - Drilling	9:00 AM	7:00 PM	10420	10559	Directional drilling from 10420 to 10559. Drilling with pump #2, slide 20' of footage drilled.
	02 - Drilling	7:00 PM	7:30 PM	10559	10559	Service rig
	02 - Drilling	7:30 PM	6:00 AM	10559	10688	Directional drilling from 10559 to 10688. Drilling with pump #1, slide 30' of footage drilled.
1/4/2007	Background gas 1240 Max background gas 3200 Connection gas 1400 Max connection gas 3700					
	06 - Trips	6:00 AM	11:00 AM	10688	10750	Directional drilling from 10688 to 10750. Drilling with pump #1, sliding 20' of footage drilled.
	06 - Trips	11:00 AM	12:00 PM	10750	10750	Circulate bottoms up.
	06 - Trips	12:00 PM	1:00 PM	10750	10750	Mix and spot 12 ppg weighted pill from 6202 to 5120
	06 - Trips	1:00 PM	1:30 PM	10750	10750	Mix and pump slug. Checked for flow, no flow.
	06 - Trips	1:30 PM	5:30 PM	10750	10750	TOH. LD 9 joints S-135 DP. Pulled rotating head rubber on stand 22 and check for flow - no flow. Flow checked at shoe and BHA - no flow.
	06 - Trips	5:30 PM	9:30 PM	10750	10750	LD directional tools. PU bit 18 and rotating assembly.

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
	06 - Trips	9:30 PM	6:00 AM	10750	10750	TIH, washed through bridge at 7236'. Continued TIH to approximately 10705 and broke circulation. Gas bubble blew rotating head off annular preventer (bolt holes in top of Krobar annular are stripped out.) SI well (annular) and circulated through choke manifold while repairing rotating head. SICP: 156 psi. SIDPP: 0 psi. Have constant 20' flare with a 50-70' flare at times.
1/5/2007	Background gas 1300 Max background gas 4400 Connection gas 2000 Max connection gas 6600					
	02 - Drilling	6:00 AM	10:30 AM	10750	10750	SI well and circulate through choke at 35 spm with 940# dpp & 830# cp. PU rotating head and cleaned API ring. Reposition API ring and guide bushing for hydril. Chain down rotating head with 3/8" chains and boomers. Open well to gas buster. Worked DP free after gaining full circulation.
	02 - Drilling	10:30 AM	11:00 AM	10750	10750	Wash and ream from 10705 to 10750. Reamed several times from 10705 to 17029. Flare 10 - 20'
	02 - Drilling	11:00 AM	6:30 PM	10750	10869	Drilling from 10750 to 10869 (15-20K WOB, RT RPM: 40-45, MM: 110 RPM, Flare: 10 - 15')
	02 - Drilling	6:30 PM	7:00 PM	10869	10869	Rig service and blow down choke manifold
	02 - Drilling	7:00 PM	1:30 AM	10869	11015	Drilling from 10869 to 11015 (15-20K WOB, RT RPM: 40-45, MM: 110 RPM, Flare: 10 - 15')
	02 - Drilling	1:30 AM	3:00 AM	11015	11015	Pump sweep and run WLS @ 10935 - misrun
	02 - Drilling	3:00 AM	6:00 AM	11015	11109	Drilling from 11015 to 11109 (15-20K WOB, RT RPM: 40-45, MM: 110 RPM, Flare: 10 - 15')
1/6/2007	Background gas 700 Max background gas 1300 Connection gas 1400 Max connection gas 1400					
	06 - Trips	6:00 AM	8:30 AM	11109	11144	Drilling from 11109 to 11144 - flare 10 - 15'
	06 - Trips	8:30 AM	10:00 AM	11144	11144	Circulate and condition mud. Spot 70 bbls 12.5 ppg pill at shoe. Mix and pump 14 ppg slug.
	06 - Trips	10:00 AM	4:30 PM	11144	11144	TOH to repair Hydrill/Rotating head bolt system. Check for flow at casing shoe - no flow. Checked for flow at BHA - no flow.
	06 - Trips	4:30 PM	9:00 PM	11144	11144	Rig repair, ND rotating head. Replaced wear ring and spacer. WO welder to weld BOP bolts in top of Hydrill for rotating head attachment. Watch for flow - no flow but well breathing.
	06 - Trips	9:00 PM	1:00 AM	11144	11144	Rig repair. Weld 8 studs in top of Hydrill (Drained BOP, closed blind rams and filled BOP with water to weld.) NU rotating head.

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
	06 - Trips	1:00 AM	5:30 AM	11144	11144	Inspect BHA. Monel DC failed inspection (cracked pin) the other 12 DC passed inspection.
	06 - Trips	5:30 AM	6:00 AM	11144	11144	TIH to resume drilling.
1/7/2007	Background gas 2000 Max background gas 5200 Connection gas 2600 Max connection gas 4400					
	02 - Drilling	6:00 AM	12:00 PM	11144	11144	TIH to 11110. Filled pipe at 6000', to tight spots while TIH.
	02 - Drilling	12:00 PM	1:00 PM	11144	11144	Circulate out gas. 80 spm, 50-70% flow, 50-80 PSI SPP. Gained 128 bbls pit volume.
	02 - Drilling	1:00 PM	2:00 PM	11110	11172	Wash and ream from 11110 to 11172 and circulate out gas. Changed depth 28' deeper (extra single joint in string.)
	02 - Drilling	2:00 PM	6:30 PM	11172	11241	Drilling from 11172 to 11241
	02 - Drilling	6:30 PM	7:00 PM	11241	11241	Service rig
	02 - Drilling	7:00 PM	6:00 AM	11241	11567	Drilling from 11241 to 11567
1/8/2007	Background gas 2000 Max background gas 3200 Connection gas 2400 Max connection gas 3700					
	02 - Drilling	6:00 AM	8:00 AM	11567	11577	Drilling from 11567 to 11577, #1 pump at 108 SPM, 108 RPM MM, 45 RPM RT, 5 FPH
	02 - Drilling	8:00 AM	9:00 AM	11577	11585	Drilling from 11577 to 11585, #2 pump at 115 SPM, 96 RPM MM, 50 RPM RT, 8 FPH
	02 - Drilling	9:00 AM	6:30 PM	11585	11655	Drilling from 11585 to 11655, #1 pump at 108 SPM, 108 RPM MM, 45 RPM RT, 7.3 FPH
	02 - Drilling	6:30 PM	8:00 PM	11655	11655	Service rig and change out rotating head rubber.
	02 - Drilling	8:00 PM	12:00 AM	11655	11673	Drilling from 11655 to 11673, #1 pump at 108 SPM, 108 RPM MM, 45 RPM RT, 4.5 FPH
	02 - Drilling	12:00 AM	12:30 AM	11673	11673	Rig repair, reinstall rod clamp on pump piston, #1 mud pump.
	02 - Drilling	12:30 AM	6:00 AM	11673	11684	Drilling from 11673 to 11684, #1 pump at 108 SPM, 108 RPM MM, 45 RPM RT, 2 FPH
1/9/2007						
	03 - Reaming	6:00 AM	8:00 AM	11684	11684	Drilling from 11681 to 11684, #1 pump at 108 SPM, 108 RPM MM, 45 RPM RT, adjust tally 3'
	03 - Reaming	8:00 AM	10:30 AM	11684	11684	Circulate and mix 12.5 ppg pill to spot in open hole. While pumping pill, valves for isolation failed. Mixed second 12.5 ppg pill, had to stop circulation. Spot pill in place. Had to over pump 500 Stks due to flow from gas near surface.

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
	03 - Reaming	10:30 AM	11:30 AM	11684	11684	Mix and pump 14.3 ppg dry job
	03 - Reaming	11:30 AM	4:00 PM	11684	11684	TOH with SLM. Strap 4.74' longer than Pason tally board.
	03 - Reaming	4:00 PM	5:00 PM	11684	11684	Finish TOH with BHA & LD bit 18
	03 - Reaming	5:00 PM	5:30 PM	11684	11684	Wait on orders
	03 - Reaming	5:30 PM	8:00 PM	11684	11684	PU bit 19 and monel DC. TIH with BHA
	03 - Reaming	8:00 PM	10:00 PM	11684	11684	Slip and cut drilling line
	03 - Reaming	10:00 PM	1:30 AM	11684	11684	Continue TIH, fill DP at 6603'
	03 - Reaming	1:30 AM	2:00 AM	11684	11684	TIH and hit bridge at 6900'
	03 - Reaming	2:00 AM	6:00 AM	11684	11684	Kelly up and wash and ream tight spots from 6900 to 7484
1/10/2007	Drilling with 5' flare.					
	Background gas 2500 Max background gas 4600 Connection gas 4900 Max connection gas 4900 Trip gas 5500					
	10 - Deviation Survey	6:00 AM	7:30 AM	11684	11684	TIH to 10700, tight hole
	10 - Deviation Survey	7:30 AM	8:00 AM	11684	11684	Work tight spot and kelly up
	10 - Deviation Survey	8:00 AM	10:00 AM	11684	11684	Wash and ream through tight hole from 10700 to 11078. Wash down six singles, LD singles and ran 2 stands.
	10 - Deviation Survey	10:00 AM	10:30 AM	11684	11684	TIH to 11210', tight hole
	10 - Deviation Survey	10:30 AM	11:30 AM	11684	11684	Wash and ream through tight hole from 11210 to 11272
	10 - Deviation Survey	11:30 AM	1:00 PM	11684	11684	Circulate and ran WLS at 11277 @ 5.2°
	10 - Deviation Survey	1:00 PM	9:00 PM	11684	11684	Wash and ream through tight hole from 11272 to 11684. Wash down six singles. LD singles and ran 2 stands.
	10 - Deviation Survey	9:00 PM	5:00 AM	11684	11718	Drilling from 11684 to 11718 (RT: 35-50 RPM, MM 110 RPM, BW 18-20K)
	10 - Deviation Survey	5:00 AM	6:00 AM	11718	11718	Circulate and ran WLS @ 11634 @ 4.5°
1/11/2007	Background gas 4000 Max background gas 5800 Connection gas 5000 Max connection gas 6200					
	02 - Drilling	6:00 AM	4:30 PM	11718	11777	Drilling from 11718 to 11777 (RT: 35-50 RPM, MM: 110 RPM) 7' constant flare

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
	02 - Drilling	4:30 PM	8:00 PM	11777	11777	TOH 3 stands. Slip and cut 455' of drilling line due to unsafe condition of line. Not taking downtime for this operation. Contractor did not want down time, knew about condition of line. TIH 3 stands.
	02 - Drilling	8:00 PM	6:00 AM	11777	11791	Drilling from 11777 to 11791 (RT: 35-50 RPM, MM: 115 MM) 7' constant flare.
1/12/2007	Background gas 3200 Max background gas 4200 Connection gas 4900 Max connection gas 4900					
	06 - Trips	6:00 AM	11:30 AM	11791	11798	Drilling from 11791 to 11798. RT 35-50 RPM, MM 115 RPM, 7' constant flare.
	06 - Trips	11:30 AM	12:00 PM	11798	11798	Service rig
	06 - Trips	12:00 PM	1:00 PM	11798	11798	Work on valves to isolate pit to spot 12.5 ppg pill
	06 - Trips	1:00 PM	3:00 PM	11798	11798	Spot 12.5 ppg pill. Mix and pump 14 ppg dry job.
	06 - Trips	3:00 PM	10:00 PM	11798	11798	TOH for new bit (40K overpulls at 7643' & 7494')
	06 - Trips	10:00 PM	11:30 PM	11798	11798	LD 0.24 MM, IBS, & BIT 19. PU 0.13 MM, 8-3/4" IBS & BIT 20
	06 - Trips	11:30 PM	12:30 AM	11798	11798	Rig repair. Repaired washout on #1 pump module.
	06 - Trips	12:30 AM	6:00 AM	11798	11798	TIH breaking circulation at 6500'. No hole problems while TIH.
1/13/2007	Flare height 5 - 10' Lowered mud weight to 9.9 ppg Background gas 1600 Max background gas 3700 Connection gas 4200 Max connection gas 4200					
	02 - Drilling	6:00 AM	7:00 AM	11798	11798	Wash 30' to bottom.
	02 - Drilling	7:00 AM	2:30 PM	11798	11813	Drilling from 11798 to 11813, 35 RPM RT, 53 RPM MM, 20-25K WOB, 2 FPH
	02 - Drilling	2:30 PM	3:00 PM	11813	11813	Rig service
	02 - Drilling	3:00 PM	5:00 PM	11813	11813	Rig repair, RU #1 drawworks motor.
	02 - Drilling	5:00 PM	10:00 PM	11813	11836	Drilling from 11813 to 11836, 40 - 50 RPM RT, 63 RPM MM, 35-40K WOB, #1 pump, 4.6 FPH
	02 - Drilling	10:00 PM	6:00 AM	11836	11874	Drilling from 11836 to 11874, 40 - 50 RPM, 63 RPM MM, 35-40K WOB, #2 pum 4.75 FPH

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
1/14/2007	Drilling with 7 - 10' flare					
	Background gas 2000 Max background gas 3900 Connection gas 3800 Max connection gas 4400					
	02 - Drilling	6:00 AM	11:30 AM	11874	11908	Drilling from 11874 to 11908, RT 40 - 50 RPM, MM 53 RPM, 35-40K WOB, #2 pump, 6.1 FPH
	02 - Drilling	11:30 AM	12:00 PM	11908	11908	Rig service
	02 - Drilling	12:00 PM	6:00 AM	11908	12023	Drilling from 11908 to 12023, RT 40 - 50 RPM, MM 63 RPM, 35-40K WOB, #1 pump, 6.3 FPH
1/15/2007	Background gas 2000 Max background gas 3900 Connection gas 3800 Max connection gas 4400					
	6 - 10' constant flare					
	02 - Drilling	6:00 AM	7:30 AM	12023	12028	Drilling from 12023 to 12028, RT 40-50 RPM, MM 63 RPM, 35-40K WOB, #1 pump, 3.3 FPH
	02 - Drilling	7:30 AM	9:00 AM	12028	12028	Repair rig. Replace oil line #3 drawworks motor.
	02 - Drilling	9:00 AM	4:00 PM	12028	12053	Drilling from 12028 to 12053, RT 40-50 RPM, MM 63 RPM, 35-40K WOB, #1 pump, 3.5 FPH
	02 - Drilling	4:00 PM	4:30 PM	12053	12053	Service rig
	02 - Drilling	4:30 PM	6:00 AM	12053	12104	Drilling from 12053 to 12104, RT 40-50 RPM, MM 53 RPM, 35-40K WOB, #2 pump, 3.7 FPH
1/16/2007	Background gas 1800 Max background gas 3700 Connection gas 3200 Max connection gas 4100					
	Constant 6-8' flare while drilling. Temperature at rig -34° F.					
	10 - Deviation Survey	6:00 AM	1:30 PM	12104	12134	Drilling from 12104 to 12134, RT 40-50 RPM, MM 53 RPM, 35-40K WOB, #2 pump, 4 FPH
	10 - Deviation Survey	1:30 PM	2:00 PM	12134	12134	Rig service
	10 - Deviation Survey	2:00 PM	2:30 PM	12134	12137	Drilling from 12134 to 12137, RT 40-50 RPM, MM 53 RPM, 35-40K WOB, #2 pump, 6 FPH
	10 - Deviation Survey	2:30 PM	3:30 PM	12137	12137	Change swab in #2 pump, #1 pump frozen up
	10 - Deviation Survey	3:30 PM	6:30 PM	12137	12147	Drilling from 12137 to 12147, RT 40-50 RPM, MM 53 RPM, 35-40K WOB, #2 pump, 3.3 FPH
	10 - Deviation Survey	6:30 PM	8:00 PM	12147	12147	Change out rotating head element and swab for #2 pump. Thaw out #1 pump
	10 - Deviation Survey	8:00 PM	5:30 AM	12147	12168	Drilling from 12147 to 12168, RT 40-50 RPM, MM 53 RPM, 35-40K WOB, #2 pump, 2.2 FPH

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
	10 - Deviation Survey	5:30 AM	6:00 AM	12168	12168	Running deviation survey while mixing 12.5 ppg weighted pill to spot in open hole. Prepare to trip for new bit.
1/17/2007	One joint short on bit trip. Corrected depth from 12168 to 12136. Temp at rig -8° F.					
	06 - Trips	6:00 AM	7:30 AM	12168	12168	Ran Wireline survey while mixing and spotting 12.5 ppg weighted pill in open hole. WLS @ 12083 @ 4.5°
	06 - Trips	7:30 AM	10:00 AM	12168	12168	Spot 77 bbls 12.5 ppg pill in open hole, mix and pump 40 bbl, 14.5 ppg dry job.
	06 - Trips	10:00 AM	3:30 PM	12168	12168	POOH with bit 20. Flow check on TOH, no flow.
	06 - Trips	3:30 PM	4:30 PM	12168	12168	LD 0.13 MM & Bit 20
	06 - Trips	4:30 PM	2:00 AM	12168	12168	Rig repair, thaw out and hook up rig water lines for brakes. Thaw out #1 mud pump. Replace broken water lines.
	06 - Trips	2:00 AM	3:00 AM	12168	12168	PU 1.34 MM & Bit 21
	06 - Trips	3:00 AM	6:00 AM	12136	12136	TIH
1/18/2007	Temperature at rig -4° F					
	02 - Drilling	6:00 AM	8:00 AM	12136	12136	TIH, fill DP at 6500 & 7800. While working DP through tight spots, off drillers side brake band broke.
	02 - Drilling	8:00 AM	11:30 AM	12136	12136	POOH to casiing shoe to repair brake band.
	02 - Drilling	11:30 AM	5:00 PM	12136	12136	Repair rig. Weld off drillers side brake band back together.
	02 - Drilling	5:00 PM	8:30 PM	12136	12136	Repair rig. Put repaired brak band back on draw works and adjust brakes.
	02 - Drilling	8:30 PM	1:00 AM	12136	12136	TIH work through tight spots, 60K below hook load from 6100 - 6200, 7000 - 7200 & 11100 - 11600
	02 - Drilling	1:00 AM	5:00 AM	12136	12136	Laydown 9 singles. Wash and ream from 11856 to 12136
	02 - Drilling	5:00 AM	6:00 AM	12136	12140	Drilling from 12136 to 12140, MM 617 RPM, RT 45 RPM, 10-15K WOB
1/19/2007	Background gas 1790 Max background gas 4800 Connection gas 2600 Max connection gas 6300					
	02 - Drilling	6:00 AM	10:00 AM	12140	12156	Drilling from 12140 to 12156, MM 617 RPM, RT 45 RPM, 10-15K WOB, 4 FPH
	02 - Drilling	10:00 AM	10:30 AM	12156	12156	Rig service
	02 - Drilling	10:30 AM	11:30 AM	12156	12156	Rig repair. Dial #1 rig motor in sequence with #2 and #3 rig motors.
	02 - Drilling	11:30 AM	12:30 PM	12156	12161	Drilling from 12156 to 12161, MM 617 RPM, RT 45 RPM, 10-15K WOB, 5 FPH

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
	02 - Drilling	12:30 PM	1:30 PM	12161	12161	Rig repair. #1 mud pump motor went down. #2 pump motor bad.
	02 - Drilling	1:30 PM	2:30 PM	12161	12161	Short trip to 11710 while repairing #1 mud pump.
	02 - Drilling	2:30 PM	6:00 AM	12161	12215	Drilling from 12161 to 12215, MM 617 RPM, RT 45 RPM, 10-15K WOB, 3.5 FPH. Problems with Pason equipment.
1/20/2007	Morning tour crew is full. Daylight tour is missing a driller, derrick man and floor hand. Toolpusher is operating the rig on daylights.					
	Background gas 1600 Max background gas 3600 Connection gas 2600 Max connection gas 2600 Trip gas 3400					
	02 - Drilling	6:00 AM	8:00 AM	12215	12220	Drilling from 12215 to 12220. Driller parted kelly hose while making a connection.
	02 - Drilling	8:00 AM	9:00 AM	12220	12220	Rig repair. Blow down kelly and hose. LD 2 singles.
	02 - Drilling	9:00 AM	10:00 AM	12220	12220	Rig repair. Circulate while isolating pit for pill.
	02 - Drilling	10:00 AM	11:00 AM	12220	12220	Rig repair. Mix and spot 12.5 ppg, 80 bbl pill. Driller, derrick man and floor man quit during this process.
	02 - Drilling	11:00 AM	12:00 PM	12220	12220	Rig repair. Mix dry job at 14 ppg
	02 - Drilling	12:00 PM	1:00 PM	12220	12220	Rig repair. POH with 12 stands to 11041. New kelly hose arrived on location while POOH.
	02 - Drilling	1:00 PM	5:00 PM	12220	12220	Rig repair. Replaced parted kelly hose
	02 - Drilling	5:00 PM	6:00 PM	12220	12220	TIH to 12188, no tight spots encountered.
	02 - Drilling	6:00 PM	7:00 PM	12220	12220	Wash and ream from 12188 to 12220
	02 - Drilling	7:00 PM	6:00 AM	12220	12257	Drilling from 12220 to 12257, MM 617 RPM, RT 45 RPM, WOB 13-18K, 3.4 FPH
1/21/2007	Cleaned and measured 309 joints production casing. Daylight tour short 2 people.					
	Background gas 1950 Max background gas 4400 Connection gas 3200 Max connection gas 6500 Trip gas					
	02 - Drilling	6:00 AM	8:00 AM	12257	12263	Drilling from 12257 to 12263, MM 617 RPM, RT 45 RPM, WOB 13-18K, 3 FPH
	02 - Drilling	8:00 AM	8:30 AM	12263	12263	Rig repair. Change out piston on #1 pump.
	02 - Drilling	8:30 AM	1:30 PM	12263	12283	Drilling from 12263 to 12283, MM 617 RPM, RT 45 RPM, WOB 13-18K, 4 FPH
	02 - Drilling	1:30 PM	2:00 PM	12283	12283	Rig repair. Change out piston on #1 pump.

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
	02 - Drilling	2:00 PM	6:00 AM	12283	12353	Drilling from 12283 to 12353, MM 617 RPM, RT 45 RPM, WOB 13-18K, 4.3 FPH
1/22/2007	Daylight tour - short 2 people					
	Background gas 1400 Max background gas 4800 Connection gas 3600 Max connection gas 5200 Trip gas					
	02 - Drilling	6:00 AM	10:30 AM	12353	12380	Drilling from 12353 to 12380, MM 617 RPM, RT 45 RPM, WOB 13-18K, 6 FPH
	02 - Drilling	10:30 AM	11:00 AM	12380	12380	Rig service and clean out gas buster
	02 - Drilling	11:00 AM	6:00 AM	12380	12469	Drilling from 12380 to 12469, MM 617 RPM, RT 45 RPM, WOB 13-18K, 4.7 FPH
1/23/2007	No mud losses last 24 hours. Drilling with 10' - 20' flare.					
	Background gas 2150 Max background gas 4300 Connection gas 3200 Max connection gas 5100 Trip gas					
	Daylight tour - short 1 person					
	02 - Drilling	6:00 AM	8:00 AM	12469	12477	Drilling from 12469 to 12477, MM 617 RPM, RT 45 RPM, WOB 13-18K, 4 FPH
	02 - Drilling	8:00 AM	8:30 AM	12477	12477	Rig repair. Rig generator went down.
	02 - Drilling	8:30 AM	3:30 PM	12477	12506	Drilling from 12477 to 12506, MM 617 RPM, RT 45 RPM, WOB 13-18K, 4.1 FPH
	02 - Drilling	3:30 PM	4:00 PM	12506	12506	Rig service
	02 - Drilling	4:00 PM	5:30 PM	12506	12510	Drilling from 12506 to 12510, MM 617 RPM, RT 45 RPM, WOB 13-18K, 2.7 FPH
	02 - Drilling	5:30 PM	6:00 PM	12510	12510	Rig repair. Work on #1 mud pump.
	02 - Drilling	6:00 PM	10:30 PM	12510	12533	Drilling from 12510 to 12533, MM 617 RPM, RT 45 RPM, WOB 13-18K, 5.1 FPH
	02 - Drilling	10:30 PM	11:30 PM	12533	12533	Rig repair. Replace liner on #1 mud pump
	02 - Drilling	11:30 PM	6:00 AM	12533	12558	Drilling from 12533 to 12558, MM 617 RPM, RT 45 RPM, WOB 13-18K, 3.8 FPH
1/24/2007	No mud losses last 24 hours. Drilling with 7' - 10' flare. Daylight short 1 person.					
	Background gas 2600 Max background gas 3900 Connection gas 3800 Max connection gas 4800					
	02 - Drilling	6:00 AM	9:00 AM	12558	12570	Drilling from 12558 to 12570, MM 617 RPM, RT 45 RPM, WOB 13-18K, 4 FPH

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
	02 - Drilling	9:00 AM	10:00 AM	12570	12570	WLS @ 12485 @ 2.9°
	02 - Drilling	10:00 AM	1:30 PM	12570	12580	Drilling from 12570 to 12580, MM 617 RPM, RT 45 RPM, WOB 13-18K, 2.9 FPH
	02 - Drilling	1:30 PM	2:30 PM	12580	12580	Rig repair, #1 pump
	02 - Drilling	2:30 PM	11:30 PM	12580	12602	Drilling from 12580 to 12602, MM 617 RPM, RT 45 RPM, WOB 13-18K, 2.4 FPH
	02 - Drilling	11:30 PM	12:00 AM	12602	12602	Rig service
	02 - Drilling	12:00 AM	6:00 AM	12602	12624	Drilling from 12602 to 12624, MM 617 RPM, RT 45 RPM, WOB 13-18K, 3.2 FPH
1/25/2007	Prepare to trip due to mud motor failure. Drilling with 5 - 10' flare. No mud losses last 24 hours.					
	Background gas 3200 Max background gas 4800 Connection gas 4400 Max connection gas 5400					
	05 - Condition Mud & Circulate	6:00 AM	8:30 AM	12624	12633	Drilling from 12624 to 12633, 617 RPM MM, 45 RPM RT, 13-18K WOB, 3.6 FPH
	05 - Condition Mud & Circulate	8:30 AM	9:00 AM	12633	12633	Service rig
	05 - Condition Mud & Circulate	9:00 AM	11:00 AM	12633	12640	Drilling from 12633 to 12640, 617 RPM MM, 45 RPM RT, 13-18K WOB, 3.5 FPH
	05 - Condition Mud & Circulate	11:00 AM	2:30 PM	12640	12640	Rig repair. Repair washout in #1 pump.
	05 - Condition Mud & Circulate	2:30 PM	1:00 AM	12640	12685	Drilling from 12640 to 12685, 617 RPM MM, 45 RPM RT, 13-18K WOB, 4.3 FPH
	05 - Condition Mud & Circulate	1:00 AM	1:30 AM	12685	12685	Rig repair. Change fuel filters on #1 pump.
	05 - Condition Mud & Circulate	1:30 AM	4:30 AM	12685	12697	Drilling from 12685 to 12697, 617 RPM MM, 45 RPM RT, 13-18K WOB, 4 FPH
	05 - Condition Mud & Circulate	4:30 AM	5:30 AM	12697	12697	Check mud motor. Mud motor failed 82 SPM = 2460 PSI
	05 - Condition Mud & Circulate	5:30 AM	6:00 AM	12697	12697	Mix 12.5 ppg weighted pill and spot at 5200'
1/26/2007						
	06 - Trips	6:00 AM	9:30 AM	12697	12697	Spotted 12.5 ppg weighted pill at 5200'. Bulk system not working. Mixed 5 pallets of sack material.
	06 - Trips	9:30 AM	11:00 AM	12697	12697	Pumped dry job for trip. Bulk system working ok.
	06 - Trips	11:00 AM	11:30 AM	12697	12697	Rig service
	06 - Trips	11:30 AM	6:00 PM	12697	12697	TOH for BHA
	06 - Trips	6:00 PM	12:00 AM	12697	12697	Changed out faulty MM and bottom IBS, re-ran bit 21. TIH with BHA.

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
	06 - Trips	12:00 AM	3:00 AM	12697	12697	Rig repair. Repack swivel assembly.
	06 - Trips	3:00 AM	6:00 AM	12697	12697	TIH to 6500' and fill pipe.
1/27/2007	Drilling with 7' flare. No mud losses last 24 hours.					
	Background gas 1800 Max background gas 2900 Connection gas 3600 Max connection gas 4400 Trip gas 4300					
	02 - Drilling	6:00 AM	8:30 AM	12697	12697	TIH to 12667, had tight spots that took 25 - 30K weight at 7460' & 7900'
	02 - Drilling	8:30 AM	9:30 AM	12697	12697	Wash and ream from 12677 to 12697, 1-2' of fill on bottom.
	02 - Drilling	9:30 AM	6:00 AM	12697	12772	Drilling from 12697 to 12772, MM 617 RPM, RT 45 RPM, WOB 13-18K, 3.7 FPH
1/28/2007	Had 12 - 15' flare while drilling. No mud losses last 24 hours.					
	Background gas 2900 Max background gas 4100 Connection gas 4300 Max connection gas 4300 Trip gas 0					
	06 - Trips	6:00 AM	1:00 PM	12772	12793	Drilling from 12772 to 12793, MM 617 RPM, RT 45 RPM, WOB 13-18K, 3.0 FPH
	06 - Trips	1:00 PM	3:00 PM	12793	12793	Stuck DP while PU off bottom. Stuck at bit with full circulation, no mud losses. Pumped Polyplus Drilzone sweep. PP: 2600 psi at 75 spm. Jar up on drill string with 100k# overpull.
	06 - Trips	3:00 PM	4:00 PM	12793	12793	Adjust brakes
	06 - Trips	4:00 PM	5:30 PM	12793	12793	Jar up on drillstring with 120K# overpull.
	06 - Trips	5:30 PM	6:00 PM	12793	12793	Circulate at 75 spm at 2580 psi and let jars cool down.
	06 - Trips	6:00 PM	6:30 PM	12793	12793	Jar stuck drill pipe
	06 - Trips	6:30 PM	7:30 PM	12793	12793	Circulate every 15 minutes to let jars cool down. Mud pump motor overheating.
	06 - Trips	7:30 PM	9:30 PM	12793	12793	Jar up with 125K# overpull and jarred down with 180K#. Jarred drill pipe free.
	06 - Trips	9:30 PM	10:30 PM	12793	12793	Wash and ream tight hole. Motor failed at 85 SPM at 2700 psi.
	06 - Trips	10:30 PM	1:00 AM	12793	12793	Mix and spot 80 bbls, 13.5 ppg weighted pill. Pumped 14.5 ppg dry job.
	06 - Trips	1:00 AM	6:00 AM	12793	12793	POH to change out mud motor and examine bit 21

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
1/29/2007	No flares. No mud losses.					
	Background gas 3400 Max background gas 4400 Connection gas 5500 Max connection gas 5500 Trip gas 7200					
	02 - Drilling	6:00 AM	7:30 AM	12793	12793	POH to change out mud motor and inspect bit 21
	02 - Drilling	7:30 AM	9:00 AM	12793	12793	LD MM and bit 21. Bit had a chip out of one blade approx 1/2" x 1/2" x 3/4". Other blades on bit also had small chips missing out of them.
	02 - Drilling	9:00 AM	9:30 AM	12793	12793	Service rig
	02 - Drilling	9:30 AM	11:30 AM	12793	12793	Inspect derrick after jarring operation, all pins and keepers in place.
	02 - Drilling	11:30 AM	2:00 PM	12793	12793	PU Bit 22 and TIH with BHA. LD 3 bent joints of HWDP & TIH.
	02 - Drilling	2:00 PM	3:00 PM	12793	12793	Slip 40' of drilling line on and adjust brakes.
	02 - Drilling	3:00 PM	8:00 PM	12793	12793	Continue to TIH to 12732. Fill pipe at 6500'.
	02 - Drilling	8:00 PM	9:30 PM	12793	12793	Install new rotating head rubber. Wash and ream from 12732 to 12793
	02 - Drilling	9:30 PM	6:00 AM	12793	12813	Drilling from 12793 to 12813, BW 40K, RPM 55-60, 2.4 FPH, appear to have drilled past junk from bit 21.
1/30/2007	Background gas 3400 Max background gas 3600 Connection gas 4400 Max connection gas 4400 Trip gas 7800					
	No flares, no mud losses.					
	02 - Drilling	6:00 AM	9:30 AM	12813	12820	Drilling from 12813 to 12820, 40K WOB, 55-60 RPM, Mix and spot 80 bbl pill and spot same.
	02 - Drilling	9:30 AM	10:30 AM	12820	12820	Mix and pump dry job.
	02 - Drilling	10:30 AM	5:00 PM	12820	12820	POOH for bit #19 and mud motor.
	02 - Drilling	5:00 PM	8:00 PM	12820	12820	POOH for BHA & bit 22, PU bit 19 and BHA 23 and TIH
	02 - Drilling	8:00 PM	1:30 AM	12820	12820	TIH, Fill pipe at 7200'. TIH to 12797. No tight spots.
	02 - Drilling	1:30 AM	2:00 AM	12820	12820	Wash and ream from 12797 to 12820
	02 - Drilling	2:00 AM	6:00 AM	12820	12831	Drilling from 12820 to 12831, 18-20K WOB, 50 RPM, MM RPM 110

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
1/31/2007	Background gas 1600 Max background gas 3600 Connection gas 3800 Max connection gas 4500					
	02 - Drilling	6:00 AM	2:30 PM	12831	12861	Drilling from 12831 to 12861, 18-20K WOB, 50 RPM, MM 10 RPM
	02 - Drilling	2:30 PM	3:00 PM	12861	12861	Work tight hole from 12846 to 12830, circulate and pump hi vis sweep
	02 - Drilling	3:00 PM	3:30 PM	12861	12861	Service rig
	02 - Drilling	3:30 PM	6:00 AM	12861	12891	Drilling from 12861 to 12891, 20-25K WOB, 50 RPM, MM 110 RPM
2/1/2007	No losses. 5' flare. Background gas 1800 Max background gas 4400 Connection gas 4100 Max connection gas 4600					
	02 - Drilling	6:00 AM	7:30 AM	12891	12893	Drilling from 12891 to 12893, WOB 20-25K, RT 50 RPM, MM 110 RPM, FPH 1.3
	02 - Drilling	7:30 AM	8:00 AM	12893	12893	Rig service
	02 - Drilling	8:00 AM	5:00 AM	12893	12950	Drilling from 12893 to 12950, WOB 25-30K, RT 50 RPM, MM 110 RPM, 2.7 FPH
	02 - Drilling	5:00 AM	5:30 AM	12950	12950	Repair rig. Transmissions #1 & #2 low on oil
	02 - Drilling	5:30 AM	6:00 AM	12950	12952	Drilling from 12950 to 12952, WOB 25-30K, RT 50 RPM, MM 110 RPM, 4 FPH
2/2/2007	No losses. No flare. ACC: 2500; MAN: 1500; ANN: 1400 Background Gas: 2800 Max Background Gas: 4700 Connection Gas: 4900 Max Connection Gas: 4900 Trip Gas: 0					
	02 - Drilling	6:00 AM	10:30 AM	12952	12955	Drlg 12,952'-12,955' (.7fph) WOB: 30-35k; RT: 50 RPM; MM: 110 RPM
	02 - Drilling	10:30 AM	11:00 AM	12955	12955	Rig Service
	02 - Drilling	11:00 AM	11:30 AM	12955	12955	Repair Rig - Work on transmissions
	02 - Drilling	11:30 AM	10:00 PM	12955	12991	Drlg 12,955'-12,991' (3.4 fph) WOB: 30-35k; RT: 40-50 RPM; MM: 110 RPM
	02 - Drilling	10:00 PM	10:30 PM	12991	12991	Repair Rig - Cap gasket #1 pump
	02 - Drilling	10:30 PM	6:00 AM	12991	13010	Drlg 12,991'-13,010' (2.5 fph) WOB: 30-35k; RT: 40-50 RPM; MM: 110 RPM

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
2/3/2007	Background gas	4400				
	Max background gas	7800				
	Connection gas	7000				
	Max connection gas	7000				
	06 - Trips	6:00 AM	2:00 PM	13010	13027	Drilling from 13010 to 13027, WOB 30-35K, RT 40-50 RPM, MM 110 RPM, 2.1 FPH
	06 - Trips	2:00 PM	2:30 PM	13027	13027	Rig service
	06 - Trips	2:30 PM	5:30 PM	13027	13027	Rig repair. Work on floor motors and transmission
	06 - Trips	5:30 PM	8:00 PM	13027	13030	Drilling from 13027 to 13030, WOB 30-35K, RT 40-50 RPM, MM 110 RPM, 1.2 FPH
	06 - Trips	8:00 PM	9:30 PM	13030	13030	Mud motor stalling while attempting to drill. PU and ream to TD. Run lighter weight on bit 19K. Motor stalled. Slack WT off to test motor (no rotary.) Good torque, still could not drill, 100 SPM = 2750 PSI on bottom, 2300 PSI off bottom.
	06 - Trips	9:30 PM	12:00 AM	13030	13030	Mix and spot 80 bbls 13 ppg pill at 5200' and 40 bbl dry job. Had to reduce pump rate due to excessive pressure on stand pipe (3500 psi @ 100 SPM) Appears mud motor has failed.
	06 - Trips	12:00 AM	12:30 AM	13030	13030	Blow down kelly and check for flow, no flow.
	06 - Trips	12:30 AM	1:00 AM	13030	13030	TOH, LD 2 singles. Attempted to pull a stand. Would not PU to stabbing board.
	06 - Trips	1:00 AM	3:00 AM	13030	13030	Repair rig. Work on floor motor transmissions. #2 transmission out, #1 & #3 going out.
	06 - Trips	3:00 AM	6:00 AM	13030	13030	TOH in LOW/LOW with SLM. Unable to TOH at desired speed due to transmission problems. Dry job did not work, pulling wet string.
2/4/2007						
	08 - Repair Rig	6:00 AM	7:00 AM	13030	13030	TOH with wet string in LOW/LOW (SLM)
	08 - Repair Rig	7:00 AM	8:00 AM	13030	13030	Rig repair, work on transmissions
	08 - Repair Rig	8:00 AM	2:30 PM	13030	13030	Finish TOH, with wet string (SLM) Strap 13.19' longer than tally, wind blowing, no change.
	08 - Repair Rig	2:30 PM	7:00 PM	13030	13030	TOH with BHA. LD bit 19 & .24 MM, bit 90% worn & MM locked up. PU 0.15 MM & bit 24. TIH with BHA
	08 - Repair Rig	7:00 PM	9:30 PM	13030	13030	TIH with DP to 5200'. Install DP safety valve and rotating head pack off.
	08 - Repair Rig	9:30 PM	1:30 AM	13030	13030	Change out drilling line
	08 - Repair Rig	1:30 AM	6:00 AM	13030	13030	Rig repair. WO transmission repairs for floor motors. Well flowing. MU Kelly and circulate at shoe at 06:00 hours.

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
2/5/2007	Trip gas 200 -2000					
	08 - Repair Rig	6:00 AM	6:00 AM	13030	13030	Rig repair. WO transmission repairs for floor motors. Spot 80 bbl 13.5 ppg pill to stop flow from well. After spotting pill no flow. Had 120' flare, 86% flow for high reading while spotting pill. Continue to monitor well and wait on transmission repair. Spot second pill, 14 ppg, 125 bbl. Pull transmission on #2 floor motor. Well breathing. 5-7' flare.
2/6/2007						
	08 - Repair Rig	6:00 AM	6:00 AM	13030	13030	Rig repair. Wait on transmission repairs for floor motor's. Circ out gas at 5200 @ 15:30 hours. Well no longer flowing.
2/7/2007						
	08 - Repair Rig	6:00 AM	6:00 AM	13030	13030	Rig repair. Wait on transmission repair for floor motors. Well breathing, Occasional flares 3 - 4'
2/8/2007	Rig currently running fine. No hole problems encountered while TIH.					
	ACC: 2450 MAN: 1400 ANN: 1200					
	Background Gas 2000 Max Background Gas 2500 Connection Gas 0 Max Connection Gas 0 Trip Gas 5700					
	02 - Drilling	6:00 AM	5:00 PM	13030	13030	Rig repair. Repair transmissions for floor motors.
	02 - Drilling	5:00 PM	2:00 AM	13030	13030	TIH to 7719' & circ btm up. TIH to 10,186' & circ btm up. TIH to 12,987'. Max flare ht while circ btm up was 40'.
	02 - Drilling	2:00 AM	3:00 AM	13030	13030	Wash & ream f/ 12987' - 13,030'
	02 - Drilling	3:00 AM	6:00 AM	13030	13036	Drlg f/ 13,030'-13,036' (2.0 fph). BW: 25/30K; RT: 30-40 RPM; MM: 70 RPM; PP: 2430 psi. Drlg w/ 3-4' flare. No mud loss.
2/9/2007	ACC: 2450; MAN: 1400; ANN: 1200					
	Background Gas 1700 Max Background Gas 4200 Connection Gas 3100 Max Connection Gas 5200 Trip Gas 0					
	02 - Drilling	6:00 AM	10:00 AM	13036	13051	Drlg f/ 13,036'-13,051' (3.75 fph) RT: 30-40 RPM; MM: 70 RPM; WOB: 25-30K
	02 - Drilling	10:00 AM	10:30 AM	13051	13051	Service rig
	02 - Drilling	10:30 AM	6:00 AM	13051	13118	Drlg f/ 13,051'-13,118' (3.4 fph) RT: 30-40 RPM; MM: 70 RPM: WOB: 30-35K

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
2/10/2007	ACC: 2450; MAN: 1400; ANN: 1200					
	Background gas 1800 Max background gas 1800 Connection gas 0 Max connection gas 0 Trip gas 0					
	06 - Trips	6:00 AM	7:00 AM	13118	13119	Drlg f/ 13,118'-13,118.6'. WOB: 25/30K. RT: 30-40 RPM. MM: 70 RPM. Mud motor stalling out w/ hi differential pres
	06 - Trips	7:00 AM	10:00 AM	13119	13119	Mix & spot 13.0 ppg pill @ 5200' & 100 bbl dry job.
	06 - Trips	10:00 AM	5:00 PM	13119	13119	TOOH to BHA.
	06 - Trips	5:00 PM	6:30 PM	13119	13119	Rig repair; work on light plant
	06 - Trips	6:30 PM	7:00 PM	13119	13119	Service rig
	06 - Trips	7:00 PM	10:00 PM	13119	13119	Fin TOOH w/ BHA. Bit #24 was completely worn out (2 -1/4" under gauge). Changed out mud motor. PU bit #25. Bit #25 was ran as bit #22 in U.T. 3-27-1319
	06 - Trips	10:00 PM	4:30 AM	13119	13119	TIH. Fill pipe @ 7200'.
	06 - Trips	4:30 AM	5:30 AM	13119	13119	Change out rotating head rubber
	06 - Trips	5:30 AM	6:00 AM	13119	13119	Cont TIH to 13,017'
2/11/2007	ACC: 2450; MAN: 1400; ANN: 1200					
	Background gas 1800 Max background gas 3700 Connection gas 2800 Max connection gas 4500 Trip gas 3200					
	05 - Condition Mud & Circulate	6:00 AM	7:30 AM	13119	13119	Wash & ream f/ 13,017'-13,118'
	05 - Condition Mud & Circulate	7:30 AM	2:00 PM	13119	13176	Drlg f/ 13,118' - 13,176' (8.9 fph). WOB: 15L. RT: 45 RPM. MM: 650 RPM. 2430 psi
	05 - Condition Mud & Circulate	2:00 PM	2:30 PM	13176	13176	Service rig
	05 - Condition Mud & Circulate	2:30 PM	3:00 PM	13176	13176	Rig repair; sight glass on floor motor transmission
	05 - Condition Mud & Circulate	3:00 PM	3:30 PM	13176	13183	Drlg f/ 13,176'-13,183' (14.0 fph) WOB: 15K. RT: 45 RPM. MM: 650 RPM. 2430 psi
	05 - Condition Mud & Circulate	3:30 PM	4:00 PM	13183	13183	Repair rig; replace transmission oiler line on #3 motor
	05 - Condition Mud & Circulate	4:00 PM	4:00 AM	13183	13244	Drlg f/ 13,183' - 13,244' (5.0 fph). WOB: 15K. RT: 45 RPM. MM: 650 RPM. 2430 psi
	05 - Condition Mud & Circulate	4:00 AM	5:00 AM	13244	13244	Attempt to get motor to drl. Would not drl off; differential pres to hi no reactive torque

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
	05 - Condition Mud & Circulate	5:00 AM	6:00 AM	13244	13244	Pump hi vis sweep. Circ & reciprocate drl string
2/12/2007	ACC: 2450; MAN: 1400; ANN: 1200					
	Background gas 0 Max background gas 0 Connection gas 0 Max connection gas 0 Trip gas 2500					
	06 - Trips	6:00 AM	7:30 AM	13244	13244	Pump hi vis sweep. Circ & reciprocate drl sting
	06 - Trips	7:30 AM	8:30 AM	13244	13244	WLS @ 13,164' @ 3.6 °, 137.4 azimuth
	06 - Trips	8:30 AM	11:00 AM	13244	13244	Rig repair; circ & tighten chains on compound
	06 - Trips	11:00 AM	11:30 AM	13244	13244	Rig service
	06 - Trips	11:30 AM	3:30 PM	13244	13244	Mix & pump dry job. Short trip to 6,000'. No hole drag
	06 - Trips	3:30 PM	7:00 PM	13244	13244	TIH to TD @ 13,244'. No tight spots or fill after wiper trip
	06 - Trips	7:00 PM	12:00 AM	13244	13244	Circ & cond mud for OH logs. Raise mud wt to 10.5 ppg, Vis 65
	06 - Trips	12:00 AM	12:30 AM	13244	13244	Mix & pump dry job. Blow kelly dn
	06 - Trips	12:30 AM	6:00 AM	13244	13244	TOOH to run OH logs. Pipe pulling wet @ stand #90
2/13/2007	ACC: 2450; MAN: 1400; ANN: 1200					
	Background gas 0 Max background gas 0 Connection gas 0 Max connection gas 0 Trip gas 550					
	03 - Reaming	6:00 AM	6:30 AM	13244	13244	POH to run OH logs. Pipe pulling wet @ std #90
	03 - Reaming	6:30 AM	7:30 AM	13244	13244	POH w/ BHA. Lost inside of motor & bit in hole. (length of fish = 3.65'). LD motor & monel DC
	03 - Reaming	7:30 AM	8:00 AM	13244	13244	Pull wear bushing
	03 - Reaming	8:00 AM	12:00 PM	13244	13244	RU WL for OH logs. WO part to run first log
	03 - Reaming	12:00 PM	5:30 PM	13244	13244	Run OH log #1. Could not get past 9000'. Put centralizer on & rerun #1 log. Could not get beyond 9676'. Log out tool failed. RD WL equip.
	03 - Reaming	5:30 PM	7:00 PM	13244	13244	Make up bit #26 on conventional RT assy. TIH w/ BHA
	03 - Reaming	7:00 PM	12:00 AM	13244	13244	TIH. Fill pipe @ 6200'. Work pipe through ara f/ 9000'-9700'. Work ea std several times. Did not see anything. Had tight spot @ 12,890'. Worked pipe. Cleaned up well; normal drag
	03 - Reaming	12:00 AM	1:30 AM	13244	13244	Washing & reaming f/ 13,050' - 13,118'

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
	03 - Reaming	1:30 AM	6:00 AM	13244	13244	Open hole f/ 7-7/8" to 8-3/4"; f/ 13,118' - 13,162'. WOB: 8K. RPM: 80.
2/14/2007	ACC: 2450; MAN: 1400; ANN: 1200					
	Background gas 0 Max background gas 0 Connection gas 0 Max connection gas 0 Trip gas 2500					
	06 - Trips	6:00 AM	8:30 AM	13244	13244	Open hole f/ 7-7/8" to 8-3/4"; f/ 13,162'-13,239'. WOB: 8K. RPM: 80
	06 - Trips	8:30 AM	11:00 AM	13244	13244	Mix & pump hi-vis sweep
	06 - Trips	11:00 AM	3:00 PM	13244	13244	Mix & dry job. POOH. Work drl string f/ 10,000'-9,000' (twice/std)
	06 - Trips	3:00 PM	3:30 PM	13244	13244	Service rig
	06 - Trips	3:30 PM	8:00 PM	13244	13244	TIH. Work ea std twice f/ 9,000'-10,000'. No bridges or excess drag
	06 - Trips	8:00 PM	9:00 PM	13244	13244	Circ. Mix & pump hi-vis sweep
	06 - Trips	9:00 PM	9:30 PM	13244	13244	Repair rig, mud hopper & replace cap gasket #1 pump
	06 - Trips	9:30 PM	11:30 PM	13244	13244	Cont to circ hi-vis sweep
	06 - Trips	11:30 PM	6:00 AM	13244	13244	POOH to run OH logs
2/15/2007	ACC: 2450; MAN: 1400' ANN: 1200					
	Background gas 0 Max background gas 0 Connection gas 0 Max connection gas 0 Trip gas 2500					
	05 - Condition Mud & Circulate	6:00 AM	7:00 AM	13244	13244	POOH w/ BHA to run OH logs
	05 - Condition Mud & Circulate	7:00 AM	10:30 PM	13244	13244	RU Halliburton WL. Run log #1. 1st part of Triple Combo. Run #2 2nd half of Triple Combo. Could not get past 9078' w/ Bow Spring on tools. Remove Bow Spring & re-run tools. RD Halliburton WL.
	05 - Condition Mud & Circulate	10:30 PM	4:00 AM	13244	13244	TIH to 13,239'. Cond wellbore
	05 - Condition Mud & Circulate	4:00 AM	6:00 AM	13244	13244	Circ & cond mud. WO orders

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
2/16/2007	No flare or flow ACC: 2450; MAN: 1400' ANN: 1200 Background gas 0 Max background gas 0 Connection gas 0 Max connection gas 0 Trip gas 0					
	21 - Other	6:00 AM	7:30 AM	13244	13244	Circ & cond mud. WO log evaluation
	21 - Other	7:30 AM	5:00 AM	13244	13244	Repair rig. Work on compound drive shaft for #2 floor motor (can not rotate or work pipe)
	21 - Other	5:00 AM	6:00 AM	13244	13244	Free drl string. HSM. RU LD machine
2/17/2007	ACC: 2450; MAN: 1400; ANN: 1200					
	12 - Run Casing & Cement	6:00 AM	8:30 AM	13244	13244	Circ & mix slug. RU LD machine
	12 - Run Casing & Cement	8:30 AM	9:00 AM	13244	13244	Pump slug. Blow dn kelly. Check for flow - no flow
	12 - Run Casing & Cement	9:00 AM	3:00 PM	13244	13244	LD drl string
	12 - Run Casing & Cement	3:00 PM	4:00 PM	13244	13244	Rig repair, replace broken tongs
	12 - Run Casing & Cement	4:00 PM	4:30 PM	13244	13244	LD drl string
	12 - Run Casing & Cement	4:30 PM	5:30 PM	13244	13244	Rig repair, replace broken tongs
	12 - Run Casing & Cement	5:30 PM	7:00 PM	13244	13244	LD drl string
	12 - Run Casing & Cement	7:00 PM	7:30 PM	13244	13244	Service rig
	12 - Run Casing & Cement	7:30 PM	5:00 AM	13244	13244	Fin LD drl string
	12 - Run Casing & Cement	5:00 AM	6:00 AM	13244	13244	RU csg running equip. Held pre-job safety meeting
2/18/2007	ACC: 2450; MAN: 1400; ANN: 1200 Superior Cmt on loc @ 06:00 Load out mud products to town Load out & transport HWDP & jars to Weatherford Vernal yd.					
	05 - Condition Mud & Circulate	6:00 AM	8:00 AM	13244	13244	RU csg crew. HSM
	05 - Condition Mud & Circulate	8:00 AM	1:30 PM	13244	13244	Ran 5-1/2" prod csg
	05 - Condition Mud & Circulate	1:30 PM	2:00 PM	13244	13244	Service rig

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
	05 - Condition Mud & Circulate	2:00 PM	1:00 AM	13244	13244	Ran 276 jts 5-1/2" 20# P-110 LT&C csg. Landed csg @ 12,303'
	05 - Condition Mud & Circulate	1:00 AM	6:00 AM	13244	13244	Circ & cond mud to cmt. Lowered MW f/ 10.7 ppg to 10.1 ppg

2/19/2007

1	5-1/2" Weatherford Sure Seal II Float shoe	1.14'	
1 jt	5-1/2" 20.0# P-110 LT&C csg	42.02'	
1	5-1/2" Weatherford Sure Seal II float collar	1.19'	
275 jts	5-1/2" 20.0# P-110 LT&C csg	12260.79 '	
276 jts		Total	12305.14'
		KB correction	- 2.00'
		Casing set at	12303.14'
		Latch Dn Baffle at	12258.79'

1st. STAGE: Lead
Superior pumped 10 bbls. fresh water spacer, 20 bbls. Reactive spacer mixed @ 9.3 ppg & 10.0 bbls. fresh water spacer. Lead slurry consisted of 240 sx. (185.10 bbls.) Super CBM Class A cement, containing 2.0% Cal Seal, 2.25% Super SIL, 6% Salt (BWOC), 10.0 pps. Gilsonite & 0.25 pps. Super Flake & 3.0 pps Super-GR.
Wt. 10.5 ppg. Yield 4.33 ft3/sk. and MWR 27.76 gal/sk. Cal top of lead cmt @ 4250'

2nd. STAGE/TAIL:
Tailed in w/ 1500 sx (334 bbls), 50/50 Poz mix cmt containing 2.0 % gel, 5% salt (BWOW), 0.3% Super-Flo 200, 0.2% Airout & 0.3% Super CR-2.
Wt: 14.3 ppg. Yield: 1.25 ft3/sk. MWR: 5.5 gal/sk. Cal top of tail: 6375'

Displaced cement with 284.0 bbls 2.0% KCl wtr. Plug down w/ 3500 psi (1000 psi. over final pump pressure) @ 11:40 hrs, MST, 2/18/07. Float held ok. Est TOC @ 4250'. Full returns & 1250 psi pres inc while displacing cmt. Marker jts f/ 11,513'-11,493' & 7986'-7965'.

21 - Other	6:00 AM	7:00 AM	13244	13244	Circ & cond mud to cmt. Lowered MW f/ 10.7 ppg to 10.1 ppg
21 - Other	7:00 AM	12:30 PM	13244	13244	HSM. RU Superior Services cmt'g equip. Cmt'd prod csg w/1740 sx cmt
21 - Other	12:30 PM	11:30 PM	13244	13244	ND BOPE. PU stack. BOP bolts are extremely tight
21 - Other	11:30 PM	12:30 AM	13244	13244	Set 5-1/2" slips w/ csg in full tension (290K# on slips). Made initial cut on 5-1/2" csg
21 - Other	12:30 AM	6:00 AM	13244	13244	Cont ND BOPE. Clean mud pits

2/20/2007

Rig rlsd @ 12:00 hrs MST 02/19/2007.

34 jts 1476.59' 5-1/2" csg P-110 20# LT&C R-3
6 jts 259.02' 9-5/8" csg N-80 40# LT&C R-3
2 jts 81.20' 13-3/8" csg J-55 54.5# ST&C Cond "A"
Sent csg back to Bourland & Leverich Trucking Co. John Bunning transfer.
Sent 15 used drl bits to McConkie for credit back to well.

Final fuel reading: 38" 4712 gal

01 - Rig Up & Tear Down	6:00 AM	12:00 PM	13244	13244	Cont ND BOPE. RD centrifuge. Prep choke manifold to load out & remove Swaco super choke
01 - Rig Up & Tear Down	12:00 PM	12:00 AM	13244	13244	RD & prep rig to move. Broke tours

2/21/2007

Rlsd crew living quarters on 2/18/07.
No remaining rental equip being billed to FNR.

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
	01 - Rig Up & Tear Down	6:00 AM	6:00 PM	13244	13244	RDRT. Lower derrick. Haul DP to next loc for inspection. Remove 2 pits
2/22/2007	Police loc. Final Drlg Report					
	01 - Rig Up & Tear Down	6:00 AM	6:00 PM	13244	13244	RD Un-pin derrick. Remove BOP f/ WH. Load out floor motors. Haul derrick to new loc

Completion

Date	Description
3/8/2007	RU Casedhole Solutions WL Unit. Ran CBL/GR log f/ WLM PBTD of 12,186' to TOC @ 6010'. Log indicates good bonding throughout hole except f/ 7130' - 7710'. (10% to 25% bond) & 8550' - 8900' (10% to 40% bond). RD Casedhole Solutions WL Unit & CIW.
	-

Casing

Date In	Type	Hole Diam	Size	Weight	Grade	Top	Set Depth	Total Jts Run	Total Csg Footage	TD
10/16/2006	Surface	17.5	13.375	54.50	J-55	0.00	1,002.45	25	0.00	1,025.00
12/2/2006	Intermediate	12.25	9.625	40.00	N-80	0.00	5,195.00	122	0.00	5,205.00
2/18/2007	Production	8.75	5.5	20.00	P-110	0.00	12,303.00	276	0.00	13,240.00

Cement

Csg Type	Date In	Stage Type	Grade	Desc.	Vol	Sks	PPG	MWR	Slry Yield
Surface	10/16/2006	Lead	premium	2% CaCl2 & 0.25 pps flocele	0	900	0	0	1.18
Surface	10/16/2006	top out	Class A	2% CaCl2 & 0.25 pps flocele	0	125	0	0	1.18
Intermediate	12/2/2006	Lead	Class H		0	715	0	23.2	3.82
Intermediate	12/2/2006	Tail	Class H		0	600	0	5.43	1.23
Production	2/18/2007	Lead	Class A	2.0% Cal-Seal, 2.25% Super-SIL, 6.0% Salt, 10 pps Gilsonite, 0.25 pps Superflake, 3.0 pps Super-GR	0	240	0	27.76	4.33

Csg Type	Date In	Stage Type	Grade	Desc.	Vol	Sks	PPG	MWR	Slry Yield
Production	2/18/2007	Tail	Pozmix	2.0% Gel, 5% Salt, 0.3% Super-Flo 200, 0.2% Airout, 0.3% Super CR-2	0	1500	0	5.5	1.25

FIML NATURAL RESOURCES, LLC

CONFIDENTIAL

43-047-36931

March 9, 2007

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

Attn.: Ms. Carol Daniels

RE: Ute Tribal #1-20-1319
NENE Sec 20 T-13S R-19E
Uintah County, Utah

Dear Ms. Daniels:

Enclosed is the following information concerning the referenced well.

Sundry Notice – Drilling Report

If any questions arise or additional information is required, please contact me at 303-893-5090.

Sincerely,

Cassandra Parks
Operations Assistant

/cp
Enclosures:

RECEIVED
MAR 1 2 2007
DIV. OF OIL, GAS & MINING

410 17th Street, Suite 900 * Denver, CO 80202 * (303)893-5073 * Facsimile (303) 573-0388

Form Sundry
(August 2004)

FORM
Approved August 2004

UTE INDIAN TRIBE
DEPARTMENT OF ENERGY AND MINERALS
SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form APD for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well: ☐ Oil Well ☑ Gas Well ☐ Other
2. Name of Operator: **FIML Natural Resources, LLC**
3a. Address: **410 17th Street, Suite 900 Denver, CO 80202**
3b. Phone No. *(include area code)*: **303-893-5090**
4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*: **NENE 444' FNL & 280' FEL Sec 20 T-13S R-19E**
5. Lease Serial No. or EDA No.: **EDA # UIT-EDA-001-000**
6. Tribe Name: **Ute**
7. If Unit or CA/Agreement, Name and/or No.: **N/A**
8. Well Name and No.: **Ute Tribal #1-20-1319**
9. API Well No.: **43-047-36931**
10. Field and Pool, or Exploratory Area: **Wildcat**
11. County: **Uintah**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☑ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other **Composite Completion Operations Report**
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with the State of Utah. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form Completion shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Attached is the composite completion operations report for the Ute Tribal 1-20-1319.

State of Utah , Division of Oil, Gas & Mining Surety Bond No. 8193-15-93

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*: **Cassandra Parks** Title **Operations Assistant**

Signature: Cassandra Parks Date 4/27/2007

THIS SPACE FOR UTE INDIAN TRIBE OFFICE USE

Approved by _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice 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. Office _____

RECEIVED
MAY 03 2007
DIV. OF OIL, GAS & MINING

Date	Operation	Start Time	End Time	Start Depth	End Depth	Remarks
	01 - Rig Up & Tear Down	6:00 AM	6:00 PM	13244	13244	RDRT. Lower derrick. Haul DP to next loc for inspection. Remove 2 pits
2/22/2007	Police loc. Final Drlg Report					
	01 - Rig Up & Tear Down	6:00 AM	6:00 PM	13244	13244	RD Un-pin derrick. Remove BOP f/ WH. Load out floor motors. Haul derrick to new loc

Completion

Date	Description
3/8/2007	RU Casedhole Solutions WL Unit. Ran CBL/GR log f/ WLM PBTD of 12,186' to TOC @ 6010'. Log indicates good bonding throughout hole except f/ 7130' - 7710'. (10% to 25% bond) & 8550' - 8900' (10% to 40% bond). RD Casedhole Solutions WL Unit & CIW. -
3/26/2007	MIRU Leed Energy #693, pmp & tnk. Roads and loc not bladed off like LaRose Construction said they would do (location very soft). -
3/27/2007	NU Weatherford 7-1/16" x 10K# Cameron double gate BOP. Hooked up Well Head Inc. 10K# flow back manifold & Timberline test seperator. TIH w/ 4-5/8" Smith rock bit and 5-½" casing scraper on 35 jts. 2-3/8" tubing to 1090'. Following tubing string delivered to location: 359 Jts. 2-3/8", 4.7#, N-80, EUE, 8rd, cond. "A", tbg from B&L (via Bunning Transfer). 16 jts. 2-3/8", 4.7#, N-80, EUE, 8rd, cond. "B", tbg. from UT 3-27-1319. 18 jts. 2-3/8", 4.7#, P-110, EUE, 8rd, cond. "B", tbg from Craig's Roustabout Service. 3 jts. 2-3/8", 4.7#, N-80, EUE, 8rd, cond. "B", tbg from Craig's Roustabout Service. Following tubing was inspected by CSI- Vernal, Ut. In Craig's Roustabout Service yard: 19 jts. 2-3/8", 4.7#, P-110, EUE, 8rd, tubing (18 jts. Cond. "B" & 1 jt. cond. "D"). 18 jts. were delivered to U.T. 1-20-1319 as noted above. 10 jts. 2-3/8", 4.7#, N-80, EUE, 8rd, tubing (3 jts. Cond. "B" & 7 jts. Cond. "D"). 3 jts. were delivered to U.T. 1-20-1319 as noted above. -
3/28/2007	Resumed PU 2-3/8", 4.7#, N-80/P-110, EUE, 8rd tbg & TIH. Tagged up @ 12,204' (556' rat hole below btm proposed perf @ 11,648'). Rolled hole w/ 256.0 bbl filtered 3.0% KCL wtr & started TOH w/ tbg string. Shut well in @ 18:00 hrs, 3/28/2007. Rec'd 10 jts 2-3/8", 4.7#, L-80, EUE, 8rd cond "A" tbg f/ B&L. Have a total of 406 jts (12,616.75") 2-3/8", 4.7#, N-80/L-80/P-110, EUE, 8rd tbg on loc. -
3/29/2007	TOH 2-3/8" tbg string. Laid down bit & csg scrapper. TIH w/ Halliburton TCP assembly 5-1/2" PLS pkr on 371 jts 2-3/8" tbg (re-torqued each connection while TIH). Hydro tst truck broke down & was unable to hydro tst tbg.SWIFN @ 17:00 hrs. Will correlate TCP assembly in the AM. Tbg string detail will be on 3-30-07 rpt. -

Date	Description
3/30/2007	RU Casedhole Solutions & correlated TCP assy to correct depth. RD Casedhole Solutions, spaced out pkr & set pkr w/ 20K# compression. Landed tbg on dount. ND BOP. NU 2-1/16" x 10k# double valve prod tree. Tstd void to 7500 psi & removed back pres valve. Dropped TCP firing bar & perforated Dakota zone #1 f/ 11,584'-11,590' (6') @ 3 spf (18 holes), 11,626'-11,646' (20') @ 3 spf (60 holes) w/ 60° phased, 25.0 gram charges, 0.45" EHD & 3.75" TTP w/ 200' of 3.0% KCl wtr on top of perf gun. 30 min SITP @ 1000 psi, 1 hr SITP @ 2200 psi. RU prod tree to flow manifold & st flowing well on 18/64" variable choke. Choke freezing off. Installed 22/64" positive choke. Est flow rate on 22/64" choke w/ 600 psi FTP: approx 1.6 MCGPD, recovered approx 50 gal fl. Questar gas analysis: Nitrogen @ 0.2185, Methane @ 97.1651, CO2 @ 1.9211, Dry BTU @ 998.7808, Hyrdocarbon dew point @ 42° @ 600 psi. SWIFN @ 17:50 hrs.

KB	23.00	
1 jt 2-3/8" 4.7# L-80 8rd	31.09	
2-3/8" 4.7# N-80 8rd sub	5.94	
2 2-3/8" 4.7# N-80 sub	15.91	
346 jts 2-3/8" 4.7# L-80 8rd	10,742.03	
3 jrs 2-3/8" 4.7# N-80 8rd	92.91	
17 jts 2-3/8" 4.7# P-110 8rd	534.39	
2-3/8" X nipple (1.875 id)	.90	
1 jt 2-3/8" 4.7# P-110 8rd	31.28	
5-1/2" Halliburton PLS pkr (w/ on/off tool)	5.95	(40K safety shear 20K compression)
1 jt 2-3/8" 4.7# N-80 8rd	31.30	
Max Dif Bar Vent	2.32	(5 1" ports)
1 jt 2-3/8" 4.7# N-80 8rd	31.20	11,548.22'
Mech Tbg Rlse (1.81 latch)	1.56	
1 jt 2-3/8" 4.7# N-80 8rd	31.20	
Mech Firing Head	5.00	
Gun Blank	4.82	
3-3/8" Millenium perf gun	6.00	
Gun Blank	36.00	
3-3/8" Millenium perf gun	20.00	
Bull Plug	.45	

-

3/31/2007	Premier Service opened well @ 08:00 hrs after 14 hr SI w/ 3700 psi SITP & 0 psi SICP (pkr @ 11,470'). Opened well on 16/64" choke for 10 min until pres dropped to 2000 psi & installed 22/64" choke. FTP on 22/64" choke starting to maintain @ 650 psi to 700 psi. Installed 28/64" choke @ 10:15 hrs as per Rick Parks. Flowed well on 28/64" choke w/ FTP stabilized @ 400 psi for 6 hrs. Est avg gas rate of 2 MMCFPD. Recovered 2.5 bbls fl. Cum fl recovery approx 3.5 bbls in 14 hrs flowing. SI well @ 16:00 hrs 3/31/07. PLS WL will set pressure bombs Mon afternoon if requested by Denver prod dept.

-

Date	Description
4/2/2007	Premier Services opened well @ 06:45 hrs 04/02/07 w/ 3600 psi SITP & 0 psi SICP. Flowed well on 18/64" choke until pres dropped to 1800 psi. Installed 28/64" choke @ 07:00 hrs. 07:30 hrs: FTP: 400 psi. Est gas rate: approx 1.98 MCFPD 08:53 hrs: FTP: 400 psi. Est gas rate: approx 1.98 MCFPD. SI well @ 08:53 hrs 4/2/07 09:00 hrs: SITP: 1025 psi SICP: 0 psi 10:00 hrs: SITP: 3250 psi SICP: 0 psi 11:00 hrs: SITP: 3500 psi SICP: 0 psi 12:00 hrs: SITP: 3550 psi SICP: 0 psi Opened well & purged sales line & heated up prod separator. SI well @ 14:28 hrs 04/02/07 w/ 2950 psi TP. RU Production Logging Service slickline unit & RIH with pressure bombs. Locked bombs into X-Nipple (1.875" ID) @ 11,446' @ 15:06 hrs 04/02/07. Will make depth gradient pressure stops when pressure bombs are pulled (PLS verified w/ Eric in Denver office). RD PLS & secured well @ 15:24 hrs 04/02/07 w/ 3500 psi SITP & 0 psi SICP (pkr). -

Date	Description
4/3/2007	Premier Service opened well @ 07:00 hrs after 15 hrs SI w/ 3600 SITP & 0 SICP. WO pumper to place well on line. RD Leed Energy, clean loc. Well placed on line @ 09:10 hrs & turned over to prod. Well bore pres @ 09:10 hrs @ 3450 psi. (Tbg costs to be added upon further work.)

The well flowed for 21 hrs on a 16/64" choke. It stablized w/ approx 1100 psi on the tbg making a daily gas rate of approx 1.8 MMCFD. It also flowed 0 BO & 6 BW.

Flowback Report for 04-03-07

Time	Csg Psi	Tbg Psi	Choke 64ths	Bbls H2)	Total Bbls	Est MCFD
0700	0	3600				
0800	0	3600				
0900	0	3600	16	0.00	0.00	
1000	0	2150	16	0.00	0.00	1547
1100	0	2000	16	0.00	0.00	1523
1200	0	1925	16	0.00	0.00	1522
1300	0	2200	16	0.00	0.00	1301
1400	0	2150	16	0.00	0.00	1415
1500	0	2175	16	0.00	0.00	1322
1600	0	2150	16	0.00	0.00	1326
1700	100	2175	16	0.00	0.00	1347
1800	100	2000	16	2.00	2.00	1849
1900	200	2050	16	0.00	2.00	1319
2000	200	1500	16	1.50	3.50	1758
2100	0	1400	16	0.00	3.50	1772
2200	0	1400	16	0.00	3.50	1709
2300	0	1375	16	1.00	4.50	1784
2400	0	1350	16	0.00	4.50	1790
0100	0	1200	16	0.00	4.50	1832
0200	0	1050	16	0.00	4.50	1722
0300	0	1000	16	0.00	4.50	1817
0400	0	1050	16	0.50	5.00	1834
0500	0	1100	16	1.00	6.00	1748
0600	0	1125	16	0.00	6.00	1800

-

Date	Description
4/4/2007	Flowback Report for 04-04-07

Time	Csg Psi	Tbg Psi	Choke 64ths	Bbls H2O	Total Bbls	Est MCFD
0700	0	1150	16	0.00	0.00	1761
0800	0	1150	20	0.00	0.00	1782
0900	0	1000	20	0.50	0.50	1829
1000	0	1000	20	0.00	0.50	1856
1100	0	1000	20	0.00	0.50	1845
1200	0	940	20	0.00	0.50	1847
1300	0	925	20	0.50	1.00	1892
1400	0	950	20	0.00	1.00	1860
1500	0	950	20	0.00	1.00	1847
1600	0	950	20	0.00	1.00	1849
1700	0	1000	20	0.50	1.50	1810
1800	0	975	20	0.00	1.50	1844
1900	0	1000	20	0.00	1.50	1839
2000	0	975	20	0.50	2.00	1827
2100	0	950	20	0.00	2.00	1829
2200	0	1000	20	0.00	2.00	1809
2300	0	1000	20	0.00	2.00	1815
2400	0	975	20	0.00	2.00	1823
0100	0	1000	20	0.00	2.00	1824
0200	0	1000	20	0.00	2.00	1836
0300	0	1000	20	0.50	2.50	1813
0400	0	1000	20	0.00	2.50	1814
0500	0	950	20	0.00	2.50	1812
0600	0	950	20	0.00	2.50	1812
Total Water					8.50	

-

Date	Description
4/5/2007	Flowback Report for 04-05-07

Time	Csg Psi	Tbg Psi	Choke 64ths	Bbls H2O	Total Bbls	Est MCFD	8.5
0700	0	925	20	0.50	9.00	1825	
0800	0	925	20	1.00	10.00	1818	
0900	0	925	20	2.00	12.00	1742	
1000	0	925	20	0.00	12.00	1796	
1100	0	925	20	0.00	12.00	1796	
1200	0	925	20	0.50	12.50	1810	
1300	0	925	20	0.00	12.50	1794	
1400	0	925	20	0.50	13.00	1799	
1500	0	925	20	0.50	13.50	1803	
1600	0	925	20	2.50	16.00	1793	
1700	0	950	20	0.00	16.00	1799	
1800	0	1000	20	0.00	16.00	1837	
1900	0	1000	20	1.00	17.00	1837	
2000	0	1000	20	0.00	17.00	1768	
2100	0	950	20	0.50	17.50	1804	
2200	0	975	20	0.00	17.50	1811	
2300	0	950	20	0.00	17.50	1796	
2400	0	975	20	0.00	17.50	1803	
0100	0	950	20	0.50	18.00	1792	
0200	0	950	20	0.00	18.00	1799	
0300	0	950	20	0.00	18.00	1790	
0400	0	950	20	0.00	18.00	1770	
0500	0	900	20	0.00	18.00	1753	
0600	0	900	20	0.00	18.00	1754	

4/6/2007 Time	Csg Psi	Tbg Psi	Choke 64ths	Bbls H2O	Total Bbls Water	Est MCFD	18
0700	0	900	0	0.00	18.00	0	
0800	0	900	0	0.00	18.00	0	
0900	0	900	0	0.00	18.00	0	Shut in to treater
0915	0	1650	0	0.00	18.00	0	
0930	0	2100	0	0.00	18.00	0	
0945	0	2450	0	0.00	18.00	0	
1000	0	2600	0	0.00	18.00	0	
1015	0	2650	0	0.00	18.00	0	
1030	0	2700	0	0.00	18.00	0	
1045	0	2700	0	0.00	18.00	0	
1100	0	2740	0	0.00	18.00	0	
1115	0	2750	0	0.00	18.00	0	
1130	0	2760	0	0.00	18.00	0	
1145	0	2790	0	0.00	18.00	0	
1200	0	2800	0	0.00	18.00	0	Shut in

Date	Description
4/7/2007	120 hrs. SITP: 3150 psi. RU PLS Logging Service slick line unit. RIH and retrieved BHP bombs @ 09:45 hrs, 04-11-07. Made 1000' gradient pressure stops while POH. BHP bombs indicated a final SIBHP of 3,982 psi (still building very slowly), BHT @ 236° F. Bled tubing pressure down to 400 psi. Pumped 30.0 bbls. 3.0% KCL water down tubing to kill well. Installed BP valve, removed 10K# tree assembly and installed Cameron 10K# BOPE. RU B&C Quick Test and pressure tested all surface lines and manifold to 9400 psi. Released Halliburton 5-1/2" PLS packer and reverse circulated two tubing volumes. LD 40 jts. 2-3/8", 4.7#, L-80, 8rd. tbg. SWIFN @ 19:00 hrs, 04-11-07. -
4/12/2007	12 hr. SITP/SICP: 0-psi/0-psi. Pumped 5.0 bbls 3.0% KCL water & established circulation. Circulated surface to surface volume (lost approx. 10 bbls while circulating). Finished LD 2-3/8" tubing string (371 jts. total). LD 5 ½" Halliburton PLS packer and Halliburton TCP perforating gun assembly. Filled hole w/ 20.0 bbls 3.0% KCL water while LD tubing. SI well and changed out pipe rams to blind rams in BOP. Installed an additional 2-1/16" x 10K valve on BOP outlet. RD pump & tank, prep. for rig move. Well Shut in @ 14:00 hrs, 04/12/07. -
4/13/2007	Arrived on location and checked SICP after 17 hour shut in with casing on slight vacuum. RDMO Leed Energy. Install thread protectors on tubing. Superior Well is rigging up for frac at 09:00 hours on 4/14/2007. -
4/14/2007	Installed Stinger isolation tool and finished RU Superior Well Services frac equipment. HSM with all personnel on location. Pressure tested pump and lines to 10K psi. Frac'd Dakota zone 1 (11584 - 11590 & 11626 - 11646) via 5-1/2", 20#, P-110 casing as follows: 10500 gal Pre pad containing 150 gal scale inhibitor 5000 gal Pad, XL-4, 25# with 30Q CO2 3800 gal XL-4, 25#, w/30Q CO2 containing 1.35 ppg 20/40 mesh XRT Gold sand 4500 gal XL-4, 25#, w/30Q CO2 containing 2.10 ppg 20/40 mesh XRT Gold sand 3200 gal XL-4, 25#, w/30Q CO2 containing 3.50 ppg 20/40 mesh XRT Gold sand 3700 gal XL-4, 25#, w/30Q CO2 containing 3.90 ppg 20/40 mesh XRT Gold sand 2940 gal 3% KCl flush Pumped 10 BF to fill hole. Formation broke at 2733 psi at 9.5 bpm. Pumped 7000 gallons of pad and pre-gel unit failed, unable to field repair pre-gel unit. Gelled up approx 750 bbls in frac tanks. Resumed frac as per Superior/FIML design. ATP: 4390 psi, Max TP: 9805 psi (screen out), AIR: 22 bpm, Max IR: 25.4 bpm, ISIP: N/A (screen out), HHP used: 2426. Total CO2 pumped: 50 tons. TLWTR: 1058 bbls 3% KCl water. Frac screened out with 70 bbls flush pumped and 3 ppg sand stage going through perforations. Pumped 27280# 20/40 mesh, XRT, Gold sand into formation and left 22720# 20/40 mesh, XRT Gold sand in casing due to screen out. RD Stinger Isolation tool and Superior frac equipment. Premier Services opened well at 15:15 hours, 4/14/07 with 4000 psi SICP. Flowed back well on various choke sizes (32/64" max) to try and unload LW and frac sand from screen out. -
4/15/2007	Well flowed 122.5 BLW on a 32/64" choke with slight amount of frac sand from 15:15 hours on 4/14/2007 until 01:25 hours, 4/15/2007 and stopped unloading fluid. Well continued flowing CO2 vapor with no fluid recovery from 01:25 hours, 4/15/2007 until it was shut in at 05:50 hours 4/15/2007. ILWTR: 1058 bbls. TLWR: 122.5 bbls TLWTR: 935.5 bbls.

Date	Description
4/16/2007	SICP: 500 psi. RU Cudd Pressure Control equipment, held safety meeting and pressure tested 1-3/4" CT reel to 5000 psi. Bled pressure off well. RIH w/ 1-3/4" CT, hit sand bridge @ 8605'. Pulled up to 8300' and circulated hole clean w/ N2. Resumed RIH w/ CT and cleaned out frac sand to CTM PBTD of 12,204'. Pumped 20.0 bbls. high-vis sweep and circulated hole clean. Pumped a total of 200 bbls. foamed 3.0% KCL water and recovered approximately 397.5 BLW while cleaning out casing. TLWR: 397.5 bbls. TLWTR: 660.0 bbls. POH w/ CT and RD Cudd equipment. Premier Services started flowing back well on a 28/64" choke @ 19:00 hrs, 4-16/07.
	-
4/17/2007	Date-Time: 04/17/07 19:10 Analysis Time: 230 Cycle Time: 240 Stream: 1 Stream 1 Mode: ANLY Cycle Start Time: 19:06 Analyzer: 132266 Strm Seq:1 FIML , DAKOTA 11,584-11,646 & 12,989-13,087 UTE TRIBAL 1-20-1319 , 04-17-07

Component Name	Mole Percent	LiqVol Percent	Gallons/ 1000 SCF	BTU Gross	Relative Density
C6+ 47/35/17	0.0203	0.0534	0.0091	1.08	0.0007
PROPANE	0.0566	0.0916	0.0156	1.43	0.0009
i-BUTANE	0.0049	0.0094	0.0016	0.16	0.0001
n-BUTANE	0.0055	0.0103	0.0017	0.18	0.0001
i-PENTANE	0.0016	0.0035	0.0006	0.07	0.0000
n-PENTANE	0.0000	0.0000	0.0000	0.00	0.0000
NITROGEN	0.2539	0.1642	0.0000	0.00	0.0025
METHANE	93.1438	92.8059	0.0000	942.93	0.5160
CARBON DIOXIDE	5.8739	5.8570	0.0000	0.00	0.0893
ETHANE	0.6394	1.0046	0.1709	11.34	0.0066
TOTALS	100.0000	100.0000	0.1995	957.18	0.6161

'*' indicates user-defined components

Compressibility Factor (1/Z) @ 14.73000 PSIA & 60.0 DEG.F= 1.00213

Base Pressures 14.73000

-

4/19/2007	Premier Services shut well in at 16:35 hours on 4/19/2007 with FCP: 625 psi on 28/64" choke. Recovered 2 BLW since 06:00 hours today. TLWR: 418 bbls (39.5% of frac load.) TLWTR: 640 bbls. Gas samples taken to Vernal for testing.
	-
4/20/2007	11:30 hours: 19 hour SICP: 2350 psi

Date	Description
4/21/2007	Analysis

Date-Time: 04/21/07 09:51 Analysis Time: 225 Cycle Time: 240
Stream: 1 Stream 1 Mode: ANLY Cycle Start Time: 09:47
Analyzer: 4250 Strm Seq:1
FIML NATURAL RESOURCES
UTE FED 1-20-13-19, 650#, 5:25 AM, 4-19-07

Component Name	Mole Percent	LiqVol Percent	Gallons/ 1000 SCF	BTU Gross	Relative Density
C6+ 47/35/17	0.0256	0.0672	0.0114	1.35	0.0008
PROPANE	0.0541	0.0875	0.0149	1.36	0.0008
i-BUTANE	0.0039	0.0075	0.0013	0.13	0.0001
n-BUTANE	0.0041	0.0076	0.0013	0.13	0.0001
i-PENTANE	0.0000	0.0000	0.0000	0.00	0.0000
n-PENTANE	0.0000	0.0000	0.0000	0.00	0.0000
NITROGEN	0.2159	0.1391	0.0237	0.00	0.0021
METHANE	96.1881	95.8276	0.0000	973.71	0.5328
CARBON DIOXIDE	2.8666	2.8552	0.4858	0.00	0.0436
ETHANE	0.6417	1.0082	0.1715	11.38	0.0067
TOTALS	100.0000	100.0000	0.2004	988.07	0.5869

'*' indicates user-defined components

Compressibility Factor (1/Z) @ 14.73000 PSIA & 60.0 DEG.F= 1.00206

Base Pressures 14.73000
-

Date	Description
4/23/2007	87-1/2 hr SICP: 2800 psi. RU Casedhole Solutions WL unit. Made gauge ring run & tagged up @ 11,930' (approx 284' rat hole below btm perf). RU Superior Well Services pump trk & press tst'd lines to 6000 psi. Bled SICP f/ 2800 to 1500 psi. Filled csg w/ 231 bbls clean 3.0% KCl wtr & established injection rate of 8.1 bpm @ 2060 psi. Increased rate to 10.0 bpm & pumped as follows: Vol Pumped / Rate (BPM) / Pump Pressure 238 bbls / 10.0 / 2667 psi 261 bbls / 10.0 / 4850 psi 266 bbl / 10.0 / 4532 psi & climbing Max IR: 10.0 bpm. Max PP: 4850 psi. ISIP: 3833 psi (FG: 0.77 psi/ft). 15 min SIP: 44.0 psi. Daily load pumped: 266.0 bbls. TLWTR: 906.0 bbls. Casedhole Solutions re-perforated Dakota zone w/ 3-1/8", Titan, HSC perforating gun containing 120° phased, 22.7 gram RDX charges, 0.40" EHD & 37.5" TTP as follows: 11584'-11590' 6' @ 3 spf 18 holes 120° phased 11634'-11640' 6' @ 3 spf 18 holes 120° phased RD Casedhole Solutions WL unit & RU Superior Well Services pump trk. Filled csg w/ 36.0 bbls 3.0% KCl wtr & pumped as follows: Bbls in Perfs / Rate (BPM) / Pump Pressure 25.0 / 9.7 / 5736 psi 40.0 / 9.7 / 5695 psi AIR: 9.7 bpm. ATP: 5700 psi. MTP: 5736 psi. ISIP: 5136 psi. (FG: 0.88 psi/ft). 5 min SIP: 2594 psi. 10 min SIP: 1605 psi. 15 min SIP: 997 psi. Total fluid pumped in this stage: 76.0 bbls. Total daily wtr pumped: 372.0 bbls. TLWTR: 982.0 bbls. RD Superior Well Services equip. CIWSDFN. -
4/25/2007	Install Stinger isolation tool and finish RU Superior Well service. Hold saftey meeting w/ BOC, Stinger and Superior Well. Test lines to 10K. 600 SICP, Blow down to 140psi. Open well and refrac Dakota zone #1 11,584'ft-11,590'ft & 11,626'ft - 11,646'ft via 5 ½" 20# P-110 casing. Fill casing w/2,310gal(55 bbls) frac as designed w/ CO2. Avg pressure @ 5,500psi, Avg foam rate @ 36.0 bpm, Max pressure @ 9,200psi, Max foam rate @ 37.0 bpm, 48 ton CO2 pumped, 43,007 gal(1234 bbls) 58,900#'s 20/40 XRT Gold sand, HHP used 4,853. NO frac gradient due to screenout. Placed 32,300#'s sand in formation, and left 26,600#'s in casing. Job screened out 2 min into 3# stage, did not get any flush. Secure well and RD Superior Well Service and remove Stinger isolation tool. Install 7 1/16" night cap. 2,216 accum bbls TLWLTR Job was 32% placed 11,912 gal pre pad w/ 150 gal scale inhibitor 12,345 gal pad XL 4 30# w/ 30Q CO2 10,031 gal XL 4 30# w/ 30Q CO2 w/1-3ppg foam rate XRT Gold sand 27,585#'s 7,000 gal XL 4 30# w/ 30Q CO2 w/3.0ppg foam rate XRT Gold sand 31,500#'s 1,430 gal Water cap Open well @ 1410hrs w/ Premier Well Service w/ 3,500SICP. FCP started @ 1800psi on 14/64" choke. Vary choke sizes to maintain flow rate to trying to flow sand from well bore. Well died after 1 hr of flowing. Monitor 1 hr w/ accum of 45 bbls load rec. 2,171 bbls TLWLTR. SWIFN @ 1630 hrs -

Date	Description
4/26/2007	16 hour SICP: 0 psi

Casing

Date In	Type	Hole Diam	Size	Weight	Grade	Top	Set Depth	Total Jts Run	Total Csg Footage	TD
10/16/2006	Surface	17.5	13.375	54.50	J-55	0.00	1,002.45	25	0.00	1,025.00
12/2/2006	Intermediate	12.25	9.625	40.00	N-80	0.00	5,195.00	122	0.00	5,205.00
2/18/2007	Production	8.75	5.5	20.00	P-110	0.00	12,303.00	276	0.00	13,240.00

Cement

Csg Type	Date In	Stage Type	Grade	Desc.	Vol	Sks	PPG	MWR	Slry Yield
Surface	10/16/2006	Lead	premium	2% CaCl2 & 0.25 pps flocele	0	900	0	0	1.18
Surface	10/16/2006	top out	Class A	2% CaCl2 & 0.25 pps flocele	0	125	0	0	1.18
Intermediate	12/2/2006	Lead	Class H		0	715	0	23.2	3.82
Intermediate	12/2/2006	Tail	Class H		0	600	0	5.43	1.23
Production	2/18/2007	Lead	Class A	2.0% Cal-Seal, 2.25% Super-SIL, 6.0% Salt, 10 pps Gilsonite, 0.25 pps Superflake, 3.0 pps Super-GR	0	240	0	27.76	4.33
Production	2/18/2007	Tail	Pozmix	2.0% Gel, 5% Salt, 0.3% Super-Flo 200, 0.2% Airout, 0.3% Super CR-2	0	1500	0	5.5	1.25

Tubing

Tubing Purpose	Date In	Date Out	Tubing Setting Depth	Tubing Size	Tubing Weight	Tubing Grade	Tubing ID
Production	3/30/2007		11,548.00	2.875	4.7	L-80	0

Perforations

Date	Formation	Upper	Lower	Status	Gun Size	SPF	Phasing
3/30/2007	Dakota	11584	11646	Open		3	60
4/23/2007	Dakota	11584	11640	Open	3 1/8"	3	120

Form Sundry
(August 2004)

UTE INDIAN TRIBE

DEPARTMENT OF ENERGY AND MINERALS

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form APD for such proposals.

FORM
Approved August 2004

5. Lease Serial No. or EDA No.
EDA # UIT-EDA-001-000

6. Tribe Name
Ute

7. If Unit or CA/Agreement, Name and/or No.
N/A

8. Well Name and No.
Ute Tribal #1-20-1319

9. API Well No.
43-047-36931

10. Field and Pool, or Exploratory Area
Wildcat

11. County
Uintah

SUBMIT IN TRIPLICATE

1. Type of Well
☐ Oil Well ☑ Gas Well ☐ Other

2. Name of Operator **FIML Natural Resources, LLC**

3a. Address
410 17th Street, Suite 900 Denver, CO 80202

3b. Phone No. *(include area code)*
303-893-5090

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
NENE 444' FNL & 280' FEL Sec 20 T-13S R-19E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☑ Production (Start/Resume)	☐ Water Shut-Off
☑ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with the State of Utah. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form Completion shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The Ute Tribal 1-20-1319 began producing on April 3, 2007.

State of Utah , Division of Oil, Gas & Mining Surety Bond No. 8193-15-93

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)* **Cassandra Parks** Title **Operations Assistant**

Signature Cassandra Parks Date 4/27/2007

THIS SPACE FOR UTE INDIAN TRIBE OFFICE USE

Approved by _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice 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. Office _____

Form Sundry
(August 2004)

UTE INDIAN TRIBE

DEPARTMENT OF ENERGY AND MINERALS

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form APD for such proposals.

FORM
Approved August 2004

5. Lease Serial No. or EDA No.
EDA # UIT-EDA-001-000

6. Tribe Name
Ute

7. If Unit or CA/Agreement, Name and/or No.
N/A

8. Well Name and No.
Ute Tribal #1-20-1319

9. API Well No.
43-047-36931

10. Field and Pool, or Exploratory Area
Wildcat

11. County
Uintah

SUBMIT IN TRIPLICATE

1. Type of Well
☐ Oil Well ☑ Gas Well ☐ Other

2. Name of Operator **FIML Natural Resources, LLC**

3a. Address
410 17th Street, Suite 900 Denver, CO 80202

3b. Phone No. *(include area code)*
303-893-5090

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
NENE 444' FNL & 280' FEL Sec 20 T-13S R-19E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other **Request for approval for installation of an electonic flow meter**
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with the State of Utah. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form Completion shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

FIML Natural Resources, LLC requests the use of a Ferguson Beauregard electronic flow meter for gas measurement on this well. Please refer to the electronic flow meter paperwork which was submitted and approved for the Ute Tribal 3-29 in the Brundage Canyon Field.

State of Utah , Division of Oil, Gas & Mining Surety Bond No. 8193-15-93

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*
Cassandra Parks Title **Operations Assistant**

Signature Cassandra Parks Date 4/27/2007

THIS SPACE FOR UTE INDIAN TRIBE OFFICE USE

Approved by _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice 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. Office _____

Form Sundry
(August 2004)

UTE INDIAN TRIBE
DEPARTMENT OF ENERGY AND MINERALS
SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form APD for such proposals.

FORM
Approved August 2004

SUBMIT IN TRIPLICATE

1. Type of Well: ☐ Oil Well ☑ Gas Well ☐ Other

2. Name of Operator: **FIML Natural Resources, LLC**

3a. Address: **410 17th Street, Suite 900 Denver, CO 80202**

3b. Phone No. *(include area code)*: **303-893-5090**

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*: **NENE 444' FNL & 280' FEL Sec 20 T-13S R-19E**

5. Lease Serial No. or EDA No.: **EDA # UIT-EDA-001-000**

6. Tribe Name: **Ute**

7. If Unit or CA/Agreement, Name and/or No.: **N/A**

8. Well Name and No.: **Ute Tribal #1-20-1319**

9. API Well No.: **43-047-36931**

10. Field and Pool, or Exploratory Area: **Wildcat**

11. County: **Uintah**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☑ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other **Requesting variance to Enardo Valve installation**
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with the State of Utah. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form Completion shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

For safety reasons, FIML Natural Resources, LLC requests a variance to the installation of Enardo valves on vent lines of production tanks. Because the oil and water tanks are heated, vapors from the hot tanks could condense around the Enardo valve and then freeze in cold weather. This would cause pressure to build up in the tanks leading to possible rupture of the tanks.

State of Utah , Division of Oil, Gas & Mining Surety Bond No. 8193-15-93

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*: **Cassandra Parks** Title **Operations Assistant**

Signature: Cassandra Parks Date 4/27/2007

THIS SPACE FOR UTE INDIAN TRIBE OFFICE USE

Approved by _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice 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. Office _____

Form Sundry
(August 2004)

UTE INDIAN TRIBE
DEPARTMENT OF ENERGY AND MINERALS
SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form APD for such proposals.

FORM
Approved August 2004

SUBMIT IN TRIPLICATE

1. Type of Well: ☐ Oil Well ☑ Gas Well ☐ Other

2. Name of Operator: **FIML Natural Resources, LLC**

3a. Address: **410 17th Street, Suite 900 Denver, CO 80202**

3b. Phone No. *(include area code)*: **303-893-5090**

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*: **NENE 444' FNL & 280' FEL Sec 20 T-13S R-19E**

5. Lease Serial No. or EDA No.: **EDA # UIT-EDA-001-000**

6. Tribe Name: **Ute**

7. If Unit or CA/Agreement, Name and/or No.: **N/A**

8. Well Name and No.: **Ute Tribal #1-20-1319**

9. API Well No.: **43-047-36931**

10. Field and Pool, or Exploratory Area: **Wildcat**

11. County: **Uintah**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☑ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with the State of Utah. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form Completion shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Produced water from the Ute Tribal 1-20-1319 will be hauled to MC & MC Disposal facility located in Section 12, T-06S, R-019E, Uintah County, Utah or Water Disposal Inc. Roosevelt disposal facility located in Sec 32 T-01S, R-01W, Duchesne County, Utah.

State of Utah , Division of Oil, Gas & Mining Surety Bond No. 8193-15-93

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*: **Cassandra Parks** Title **Operations Assistant**

Signature: Cassandra Parks Date 4/20/2007

THIS SPACE FOR UTE INDIAN TRIBE OFFICE USE

Approved by _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice 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. Office _____

FIML NATURAL RESOURCES, LLC

April 27, 2007

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

Attn.: Ms. Carol Daniels

RE: Ute Tribal #1-20-1319
NENE Sec 20 T-13S R-19E
Uintah County, Utah

Dear Ms. Daniels:

Enclosed is the following information concerning the referenced well.

Sundry Notice – Composite Completion Report
Sundry Notice-First Production
Sundry Notice-Water Disposal
Sundry Notice-Electronic Flow Meter
Sundry Notice-Enardo Valve

If any questions arise or additional information is required, please contact me at 303-893-5090.

Sincerely,

Cassandra Parks
Operations Assistant

/cp
Enclosures:

RECEIVED
MAY 0 3 2007
DIV. OF OIL, GAS & MINING

410 17th Street, Suite 900 * Denver, CO 80202 * (303)893-5073 * Facsimile (303) 573-0386

CONFIDENTIAL

FIML NATURAL RESOURCES, LLC

43-047-36931

May 4, 2007

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

Attn.: Ms. Carol Daniels

RE: Ute Tribal #1-20-1319
NENE Sec 20 T-13S R-19E
Uintah County, Utah

Dear Ms. Daniels:

Enclosed is the following information concerning the referenced well.

Well Completion or Recompletion Report and Log
Halliburton Electric Logs (8 originals)
Chief Well Logging Mudlog (1 original)

The cement bond log will be forwarded to the state as soon as copies are received in our office. If any questions arise or additional information is required, please contact me at 303-893-5090.

Sincerely,

Cassandra Parks
Operations Assistant

/cp
Enclosures:

RECEIVED
MAY 08 2007
DIV. OF OIL, GAS & MINING

410 17th Street, Suite 900 * Denver, CO 80202 * (303)893-5073 * Facsimile (303) 573-0386

Form Completion

Ute Indian Tribe Department of Energy and Minerals

CONFIDENTIAL

July 2005

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☑ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☑ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr,.
Other

2. Name of Operator **FIML Natural Resources, LLC**

3. Address **410 17th Street, Suite 900 Denver, CO 80202**

3a. Phone No. *(include area code)* **303-893-5090**

4. Location of Well *(Report location clearly and in accordance with Federal requirements)**

At surface **NENE 444' FNL & 280' FEL**

At top prod. interval reported below **Same as above**

At total depth **Same as above**

5. Lease Serial No. **EDA # UIT-EDA-001-000**

6. If Indian, Allottee or Tribe Name **Ute Tribe**

7. Unit or CA Agreement Name and No. **NA**

8. Lease Name and Well No. **Ute Tribal # 1-20-1319**

9. AFI Well No. **43-047-36931**

10. Field and Pool, or Exploratory **Wildcat**

11. Sec., T., R., M., on Block and Survey or Area **SLB&M Sec 20 T-13S, R-19E**

12. County or Parish **Uintah**

13. State **UT**

14. Date Spudded **10/12/2006**

15. Date T.D. Reached **02/11/2007**

16. Date Completed **04/02/2007** ☐ D & A ☑ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)* **GL: 6480"**

18. Total Depth: MD **13,250'** TVD **13,250'**

19. Plug Back T.D.: MD **12,186'** TVD **12,186'**

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

Spectral Density/Dual Spaced Neutron;Hi Resolution Induction; Cmt Bond Log

22. Was well cored? ☑ No ☐ Yes (Submit analysis)
Was DST run? ☑ No ☐ Yes (Submit report)
Directional Survey? ☑ No ☐ Yes (Submit copy)

23. Casing and Liner Record *(Report all strings set in well)*

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	1338 J55	61.0		1,002'		900 Premium	189.10		
						125 Premium	26.2		
12 1/4"	9 5/8N80	40.0		5,197'		715 class "H"	486	Surf circ	
						600 50/50 poz	132		
5 1/2"	51/2P110	20.0		12,305'		240super cbm	185.10		
						1500 50/50poz	334	Est 4250'	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	11,548'							

25. Producing Intervals

Formation	Top	Bottom
A) Dakota	11,584'	11,646'
B)		
C)		
D)		

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
11,584-590 & 11,626-646	.45	18 & 60	Open

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
04/03/2007	04/04/2007	24		0	1565	2		0.5782	
Choke Size	**Tbg. Press. Flwg. SI**	**Csg. Press.**	**24 Hr. Rate →**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas/Oil Ratio**	**Well Status**	
				0	1565	2	1,565,000	SI	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	**Tbg. Press. Flwg. SI**	**Csg. Press.**	**24 Hr. Rate →**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas/Oil Ratio**	**Well Status**	

(See instructions and spaces for additional data on page 2)

RECEIVED
MAY 0 8 2007
DIV. OF OIL, GAS & MINING

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	**Tbg. Press. Flwg. SI**	**Csg. Press.**	**24 Hr. Rate →**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas/Oil Ratio**	**Well Status**	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	**Tbg. Press. Flwg. SI**	**Csg. Press.**	**24 Hr. Rate →**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas/Oil Ratio**	**Well Status**	

29. Disposition of Gas *(Sold, used for fuel, vented, etc.)*

Sold

30. 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.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Dakota	**11,584'**	**11,646'**	**Sandstone-Gas**	**Castlegate**	**7,167'**
				Mancos	**7,638'**
				Mancos B	**8,146'**
				Dakota	**11,543'**
				Morrison	**11,928'**
				Entrada	**12,767'**
				Wingate	**13,119'**

32. Additional remarks (include plugging procedure):

This well has not yet produced oil.

This well produced and then was SI to frac the Dakota.

33. Indicate which itmes have been attached by placing a check in the appropriate boxes:

☑ Electrical/Mechanical Logs (1 full set req'd.) ☐ Geologic Report ☐ DST Report ☐ Directional Survey

☐ Sundry Notice for plugging and cement verification ☐ Core Analysis ☑ Other: Mudlog. Hard copies of all logs accompany this form.

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

Name *(please print)* **Cassandra Parks** Title **Operations Assistant**

Signature Date **05/04/2007**

Form Sundry
(August 2004)

UTE INDIAN TRIBE
DEPARTMENT OF ENERGY AND MINERALS

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form APD for such proposals.

FORM
Approved August 2004

5. Lease Serial No. or EDA No.
EDA # UIT-EDA-001-000

6. Tribe Name
Ute

7. If Unit or CA/Agreement, Name and/or No.
N/A

8. Well Name and No.
Ute Tribal #1-20-1319

9. API Well No.
43-047-36931

10. Field and Pool, or Exploratory Area
Wildcat

11. County
Uintah

SUBMIT IN TRIPLICATE

1. Type of Well
☐ Oil Well ☑ Gas Well ☐ Other

2. Name of Operator **FIML Natural Resources, LLC**

3a. Address
410 17th Street, Suite 900 Denver, CO 80202

3b. Phone No. *(include area code)*
303-893-5090

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
NENE 444' FNL & 280' FEL Sec 20 T-13S R-19E

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☑ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☑ Other **Site Security Diagram**
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with the State of Utah. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form Completion shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Attached is the site security diagram for the Ute Tribal 1-20-1319.

State of Utah , Division of Oil, Gas & Mining Surety Bond No. 8193-15-93

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*
Cassandra Parks Title **Operations Assistant**

Signature [signature] Date 10/5/2007

THIS SPACE FOR UTE INDIAN TRIBE OFFICE USE

Approved by _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice 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. Office _____

RECEIVED
OCT 1 [illegible] 2007
DIV OF OIL, GAS & MINING

POSITION OF VALVES AND USE OF SEALS DURING PRODUCTION/BLOWDOWN

Valves	Line Purpose	Position	Seal Installed
D	Drain	Closed	Yes
S	Sales	Closed	Yes
I	Inlet	Open	No
O	Overflow	Open/Closed	No
H	Heat Trace	Open	No

POSITION OF VALVES AND USE OF SEALS DURING SALES

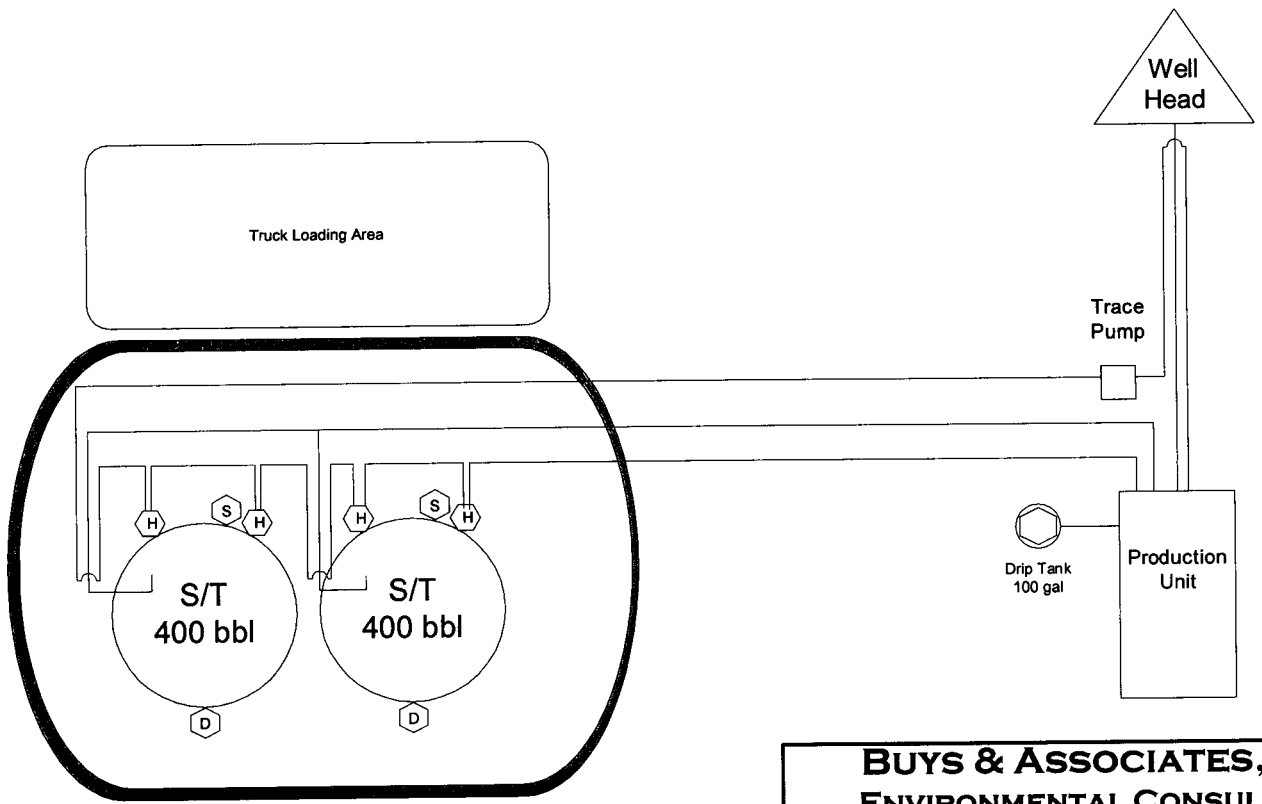
Valves	Line Purpose	Position	Seal Installed
D	Drain	Closed	Yes
S	Sales	Open	No
I	Inlet	Closed	Yes
O	Overflow	Closed	Yes
H	Heat Trace	Open	No

POSITION OF VALVES AND USE OF SEALS DURING WATER DRAIN

Valves	Line Purpose	Position	Seal Installed
D	Drain	Open	No
S	Sales	Closed	Yes
I	Inlet	Closed	No
O	Overflow	Closed	No
H	Heat Trace	Open	No

Lease #
UIT-EDA-001-000

LEGEND
S - Sales Valve
D - Drain Valve
I - Inlet Valve
O - Overflow
H - Heat Trace
V - Vent



BUYS & ASSOCIATES, INC.
ENVIRONMENTAL CONSULTANTS

FIML Natural Resources, LLC
Ute Tribal 1-20-1319
NE/NW Sec. 20 Twp.13S Rge.19E
Uintah County, Utah

FIML NATURAL RESOURCES, LLC

February 25, 2008

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

Attn.: Mr. Dustin Doucet

RE: Ute Tribal #1-20-1319
NENE Sec 20 T-13S R-19E
Uintah County, Utah

Ute Tribal 1-29-1319
NENE Sec 29 T-13S R-19E
Uintah County, Utah

Dear Mr. Doucet:

Enclosed is the following information concerning the referenced wells.

Sundry Notice-Request for Wildcat Well Designation
Stratigraphic Cross Sections
1 Mile Radius Plat
FIML Well Connection List

If any questions arise or additional information is required, please contact me at 303-893-5090.

Sincerely,

Cassandra Parks
Regulatory Specialist

/cp
Enclosures:

410 17th Street, Suite 900 * Denver, CO 80202 * (303)893-5073 * Facsimile (303) 573-0386

FIML NATURAL RESOURCES, LLC

February 25, 2008

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

Attn.: Dustin Doucet

RE: Subsequent Reports

Dear Mr. Doucet:

The Ute Tribal 1-20-1319 should be designated as a wildcat well. It meets the requirements outlined in R649-3-35. The supporting documentation required is attached. Enclosed are stratigraphic cross sections of the Ute Tribal 1-20-1319 and the Ute Tribal 10-21-1319.

The Ute Tribal 1-20-1319 produces from the Wasatch formation. The Ute Tribal 10-21-1219 is the only other well producing within a mile of this well. The Ute Tribal 10-21-1319 produces from the Dakota and Mancos formations.

This well was permitted as a wildcat and is more than a mile from any producing well in the Wasatch formation. Attached is FIML's 2007 well connection report. The Ute Tribal 1-20-1319 is highlighted.

If any questions arise or additional information is required, please contact me at 303-893-5090.

Sincerely,

Cassandra Parks
Regulatory Specialist

/cp
Enclosures:

410 17th Street, Suite 900 * Denver, CO 80202 * (303)893-5073 * Facsimile (303) 573-0386

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.

5. LEASE DESIGNATION AND SERIAL NUMBER: EDA Number UIT-EDA-001-000

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Ute Tribe

7. UNIT or CA AGREEMENT NAME: N/A

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ OTHER

8. WELL NAME and NUMBER: Ute Tribal 1-20-1319

2. NAME OF OPERATOR: FIML Natural Resources, LLC

9. API NUMBER: 4304736931

3. ADDRESS OF OPERATOR: 410 17th Street Ste. 900 CITY Denver STATE CO ZIP 80202

PHONE NUMBER: (303) 893-5090

10. FIELD AND POOL, OR WILDCAT: Wildcat

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 444' FNL 280' FEL

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 20 13S 19W

STATE: UTAH

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

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

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

FIML Natural Resources, LLC is requesting the Ute Tribal 1-20-1319 be designated a wildcat well. Attached is the information required by R649-3-35 for a wildcat well designation.

RECEIVED
FEB 26 2008
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Cassandra Parks TITLE Regulatory Specialist

SIGNATURE _____ DATE 2/25/2008

(This space for State use only)

REQUEST DENIED
Utah Division of Oil, Gas and Mining
Date: 6/4/08
By: _____

CC: operator (email)
Tax Commission (email)

(5/2000) (See Instructions on Reverse Side)

* See attached Wildcat well Determination Statement of Basis

FIML NATURAL RESOURCES, LLC
WELL CONNECTION REPORT
REPORT DATE: July 1, 2007

	Well Name	County / State	Well Type	Initial Oil Rate BOPD	Initial Gas Rate MCFPD	Gas Purchaser	Crude Purchaser	Date of First Production	Date of First Gas Sales	Date of First Crude Sales	Comments
1	Ute Tribal 9-35-54	Duchesne, UT	Oil			Wasatch	Chevron	12/24/2006	12/24/2006	1/8/2007	
2	Ute Tribal 11-25-56	Duchesne, UT	Oil			Wasatch	Chevron	01/30/2007	01/30/2007	03/02/2007	
3	Ute Tribal 10-12-55	Duchesne, UT	Oil			Wasatch	Chevron	02/12/2007	02/12/2007	03/15/2007	
4	Ute Tribal 14-18-55	Duchesne, UT	Oil			Wasatch	Chevron	03/08/2007	03/08/2007	04/29/2007	
5	Ute Tribal 10-29-54	Duchesne, UT	Oil			Wasatch	Chevron	03/10/2007	03/10/2007	03/26/2007	
6	Ute Tribal 12-18-54	Duchesne, UT	Oil			Wasatch	Chevron	03/13/2007	03/13/2007	06/13/2007	
7	Ute Tribal 14-29-54	Duchesne, UT	Oil			Wasatch	Chevron	03/26/2007	03/26/2007	04/22/2007	Ties directly into Berry's line -no Master Meter
8	Ute Tribal 1-20-1319	Uintah, UT	Gas			Wasatch	Chevron	04/03/2007	04/03/2007	Will Resend @ First Sales	Gas is transported by Uintah Basin Field Services
9	Ute Tribal 6-29-54	Duchesne, UT	Gas			Wasatch	Chevron	04/13/2007	04/13/2007	04/28/2007	Ties directly into Berry's line -no Master Meter
10	Ute Tribal 2-29-54	Duchesne, UT	Gas			Wasatch	Chevron	04/16/2007	04/16/2007	04/30/2007	Ties directly into Berry's line -no Master Meter
11	Ute Tribal 14-24-56	Duchesne, UT	Gas			Wasatch	Chevron	04/30/2007	04/30/2007	05/18/2007	Gas to Berry thru Master Meter 5 &/or Coyote Canyon Comp station
12	**Ute Tribal 7-24-56**	Duchesne, UT	Gas			Wasatch	Chevron	06/05/2007	06/05/2007	**06/23/2007**	
13	**Ute Tribal 5-13-54**	Duchesne, UT	Gas			Wasatch	Chevron	06/12/2007	06/12/2007	**06/22/2007**	
14	State Tribal 5-18-54	Duchesne, UT	Gas			Wasatch	Chevron	06/14/2007	06/14/2007	Will Resend @ First Sales	
15	**State Tribal 7-18-54**	**Duchesne, UT**	**Gas**			**Wasatch**	**Chevron**	**06/28/2007**	**06/28/2007**	**Will Resend @ First Sales**	

DIVISION OF OIL, GAS AND MINING

Wildcat Well Determination

STATEMENT OF BASIS

Applicant: FIML Natural Resources, LLC

Location: NENE Sec. 20 T13S, R19E, Uintah County, Utah

WELL NAME: Ute Tribal 1-20-1319 **API #:** 43-047-36931

FINDINGS

1. The subject well produces from the Dakota formation not the Wasatch as stated in the Wildcat designation cover letter.
2. The subject well was < 1 mile from known production in the Dakota formation at the time of first commercial production on April 3, 2007. See Attachment A for summary of current producing wells within the one (1) mile area of review.
3. The Ute Tribal 10-21-1319 well (API # 43-047-35997) was the only other well producing within a mile of the subject well at the time the subject well was brought online. It first produced on May 27, 2005 from the Dakota and Mancos formations. This well was spud on 11/5/2004 and reached TD on 2/18/2005. The subject well spud on 11/11/2006 and reached TD on 2/11/2007.
4. The Ute Tribal 10-21-1319 had produced in paying quantities from the Dakota formation for approximately 9 months prior to the subject wells rotary spud date. The evidence supports the Dakota formation as being a known pool. No evidence to the contrary was provided.
5. The Wildcat Tax Credit application was received almost 1 year after completion of the Ute Tribal 1-20-1319 well. Future submittals should be filed timely (see submittal requirements in R649-3-35-1).

CONCLUSIONS

Based on the findings above the Division has determined the Ute Tribal 1-20-1319 well was drilled into a known area for the Dakota formation. Therefore, the Division finds that this well does not qualify for the severance tax exemption under Section 59-5-102(2)(d) for wildcat wells. This determination was made in accordance with Oil and Gas General Conservation Rule R649-3-35 and the definition of a wildcat well in R649-1-1. If the operator disagrees with this determination, the decision may be appealed to the Board of Oil Gas and Mining.

The application was also received after the Well Completion Report was submitted and after production had commenced in the area. Future requests for wildcat well determination should be submitted in accordance with R649-3-35-1.

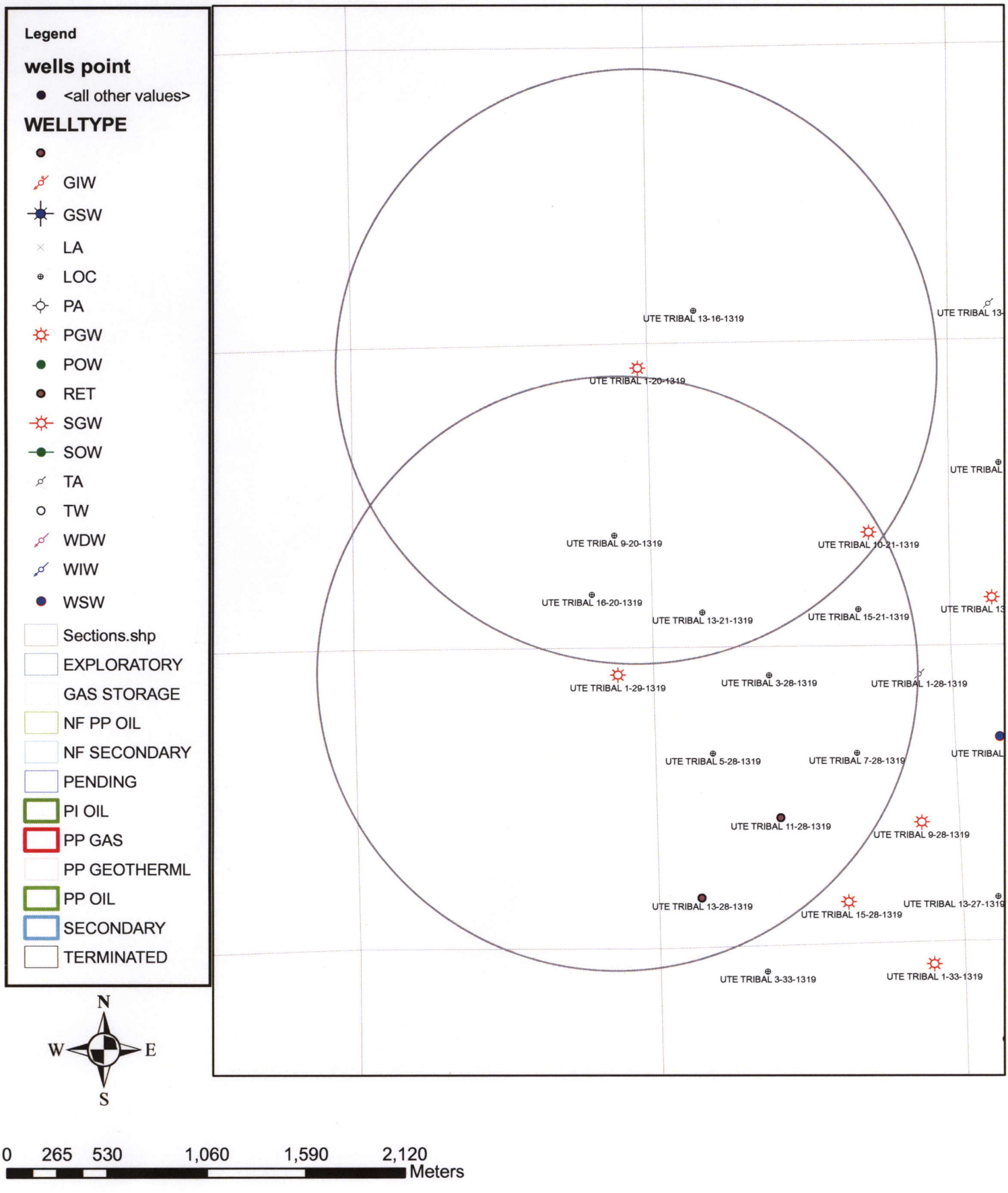
Reviewer(s): Dustin K. Doucet DKD Date: 6/4/2008

ATTACHMENT A

1 Mile Area Of Review

API	Well Name	Well Status	qtr_qtr	Section	Township	Range	cum_oil	cum_gas	field_type_flag	Dx from Well (ft)	Rotary Spud	Date TD Reached	Date First Produced	Producing Formation
4304736931	UTE TRIBAL 1-20-1319	P	NENE	20	130S	190E	0	167725	E	0	11/11/2006	2/11/2007	4/3/2007	Dakota
4304737052	UTE TRIBAL 1-29-1319	P	NENE	29	130S	190E	115	40095	E	5455	2/102006	2/25/2006	5/12/2006	Wasatch
4304735997	UTE TRIBAL 10-21-1319	P	NWSE	21	130S	190E	254	535263	W	5002	11/5/2004	2/18/2005	5/27/2005	Dakota/Mancos

FIML Wildcat Area of Review
Ute Tribal 1-20-1319 and Ute Tribal 1-29-1319



FIML Natural Resources, LLC

Naval Reserve Field

Dakota-Mancos Producers

Stratigraphic Section

Hung on Top Dakota Silt

Horizontal Scale = 1256.2
Vertical Scale = 100.0
Vertical Exaggeration = 12.6x

LOG CURVES

0 160 GR (GAPI) NATURAL GAMMA

-100 100 SP (MV) SPONTANEOUS POTENTIAL

-100 100 SPA (MV) ANALOG SPONTANEOUS POTENTIAL

0 100 DFL (OHMM) DIGITALLY FOCUSED LATEROLOG

0 100 HMRS (OHMM) HRI MEDIUM RESISTIVITY

0 100 LLS (OHMM) LATEROLOG SHALLOW RESISTIVITY

0 100 RLL3 (Ohm-m) DIL Shallow Resistivity

0 100 M2R1 (ohm.m) M2R1

0 100 AHO10 (OHMM) Array Induction One Foot Resistivity A10

0 100 HDRS (OHMM) HRI DEEP RESISTIVITY
CUTOFF = 20.00

0 100 LLD (OHMM) LATEROLOG DEEP RESISTIVITY
CUTOFF = 20.00

0 100 AHO60 (OHMM) Array Induction One Foot Resistivity A60
CUTOFF = 20.00

0 100 M2R9 (ohm.m) M2R9
CUTOFF = 20.00

0 100 RILD (Ohm-m) DIL Deep Resistivity
CUTOFF = 20.00

0 100 ILD (OHMM) 4 INDUCTION LOG DEEP
CUTOFF = 20.00

0 100 AHT90 (OHMM) 5
CUTOFF = 20.00

0 100 RT10 (ohmm) 10in Resistivity 2ft Res

0 100 RT30 (ohmm) 30in Resistivity 2ft Res

0 100 RT90 (ohmm) 90in Resistivity 2ft Res
CUTOFF = 20.00

0 100 HTD1 (OHMM) HRAI 10 IN RAD RESIST 2FT

0 100 HTD2 (OHMM) HRAI 20 IN RAD RESIST 2FT

0 100 HTD3 (OHMM) HRAI 30 IN RAD RESIST 2FT

0 100 HTD6 (OHMM) HRAI 60 IN RAD RESIST 2FT

0 100 HTD9 (OHMM) HRAI 90 IN RAD RESIST 2FT

0 100 HT12 (OHMM) HRAI 120 IN RAD RESIST 2FT
CUTOFF = 20.00

0.3 -0.1 NPHI (DECP) NEUTRON POROSITY

0.3 -0.1 NPHI268 Neutron converted to 2.68 decimal

0.3 -0.1 CNCFD (decimal) CNCF in decimal format - 2.68 g/cc sands

0.3 -0.1 DPHI68 (PERCENT) DENSITY POROSITY 2.68

0.3 -0.1 DPHI (DECP) DENSITY POROSITY

0.3 -0.1 PORZD (decimal) PORZ in decimal format - 2.68 g/cc sands

0.3 -0.1 DPHIZ_68 Density Porosity

0.3 -0.1 PHIA DIN Crossplot Porosity

0.3 -0.1 SPHI (DECP) SONIC POROSITY

0 20 PE PHOTO-ELECTRIC FACTOR

7 20 C13

5 20 CAL (in) CAL

7 20 CALI (IN) CALIPER

TOPS AND MARKERS

Frontier
Dakota Silt
Bentonite 27
Dakota Fm
Dakota 4
Dakota 3
Dakota 2
Dakota 1
Cedar Mtn Fm
Buckhorn Conglomerate
Morrison Fm

Operator
Well Name
Well Number
Datum Elevation

CORES SHOWS DST/WLT IP CASING

WSWL GAS OIL WATER OTHER LINER

PERFS

PERFS SQUEEZED

Showing all producing intervals in the 3-27-1319

By: JLadd

February 19,2008 10:50 AM

RECEIVED
FEB 26 2008
DIV. OF OIL, GAS & MINING

FIML NATURAL RES LLC

UTE TRIBAL
10-21-1319
6,642

FIML NATURAL RES LLC

UTE TRIBAL
3-27-119
6,630

CAL [in] | SPA [MV] | SP [MV] | GR [GAPI] | HT12 [OHMM] | HT09 [OHMM] | HT06 [OHMM] | HT03 [OHMM] | HT02 [OHMM] | HT01 [OHMM] | ILD [OHMM] | HDRS [OHMM] | HMRS [OHMM] | DFL [OHMM] | PE | SPHI [DECP] | PHIA | DPHI [DECP] | NPHI [DECP]

CALI [IN] | SPA [MV] | SP [MV] | GR [GAPI] | ILD [OHMM] | HDRS [OHMM] | HMRS [OHMM] | DFL [OHMM] | PE | SPHI [DECP] | PHIA | DPHI [DECP] | NPHI [DECP]

Frontier
Dakota Silt
Bentonite 27
Dakota Fm
Dakota 4
Dakota 3
Dakota 2
Dakota 1
Cedar Mtn Fm
Buckhorn Conglomerate
Morrison Fm

FIML NATURAL RES LLC

UTE TRIBAL
10-21-1319
6,642

FIML NATURAL RES LLC

UTE TRIBAL
3-27-119
6,630

HS=1256

PETRA 02/19/2008 10:50:44 AM (NGSR Deep for JHL CSP)

Earlene Russell - Drill Permits in the "Naval Reserve"

From: Earlene Russell
To: Elaine Winick; Mark Bingham
Date: 5/12/2010 10:28 AM
Subject: Drill Permits in the "Naval Reserve"
CC: Brad Hill; Diana Mason; Jean Sweet; Randy Thackeray
Attachments: Naval Reserve Bond.pdf

Dear Elaine and Mark,

Years ago the "Naval Reserve Area" was given to the Tribe by the United States Govenment as FEE SIMPLE property and it includes the minerals. A separate blanket bond was provided by FIML for these wells. DOGM monitors the permitting for this area to insure the wells are properly cased, etc.

The APDs FIML submits in this area (Uintah County, Townships 12S and 13S, Range 19E) should be submitted as Fee minerals, rather than Indian minerals. The bond number for the wells in the Naval Reserve is bond number 81918314 (copy attached) and bond type is State/Fee (5).

Based on the above information, DOGM's database has been changed to show fee minerals and the bond number 81918314. This includes the two new pending permits "Horn Frog".

If you have any questions, please call me at (801) 538-5336.

Earlene Russell
Division of Oil, Gas & Mining
PO Box 145801
Salt Lake City, UT 84114-5801
or
1594 W North Temple, Suite 1210
Salt Lake City, UT 84116
Phone (801) 538-5336
Fax (801) 359-3940
e-mail earlenerussell@utah.gov

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold) Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective: **7/1/2014**

FROM: (Old Operator):	**TO:** (New Operator):
FIML Natural Resources, LLC N2530	Discovery Natural Resources, LLC N4135
410 17th Street, Suite 900	410 17th Street, Suite 900
Denver, CO 80202	Denver, CO 80202
303-893-5073	303-893-5073

CA No. **Unit:** N/A

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 7/31/2014
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 7/31/2014
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 8/18/2014
4a. Is the new operator registered in the State of Utah: _____ Business Number: 9027425-0161
5a. (R649-9-2)Waste Management Plan has been received on: Yes
5b. Inspections of LA PA state/fee well sites complete on: N/A
5c. Reports current for Production/Disposition & Sundries on: 8/18/2014
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM N/A BIA N/A
7. **Federal and Indian Units:**
   The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
8. **Federal and Indian Communization Agreements ("CA"):**
   The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
9. **Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 8/18/2014
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 8/18/2014
3. Bond information entered in RBDMS on: 8/15/2014
4. Fee/State wells attached to bond in RBDMS on: 8/18/2014
5. Injection Projects to new operator in RBDMS on: N/A
6. Receipt of Acceptance of Drilling Procedures for APD/New on: N/A
7. Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: YES

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: N/A
2. Indian well(s) covered by Bond Number: N/A
3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 8191-83-14A
3b. The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 8/18/2014

COMMENTS:

Name change from FIML Natural Resources, LLC to Discovery Natural Resources. LLC

FIML Natural Resources, LLC N2530 to Discovery Natural Resources, LLC N4135
Effective 7/1/2014

Well Name	Setion	TWN	RNG	API Number	Entity	Mineral Lea	Well Type	Well Status
UTE TRIBAL 5-27-1319	27	130S	190E	4304736782	14843	Fee	WS	A
UTE TRIBAL 3-27-1319	27	130S	190E	4304733804	15536	Fee	GW	P
UTE TRIBAL 10-21-1319	21	130S	190E	4304735997	14355	Fee	GW	P
UTE TRIBAL 13-22-1319	22	130S	190E	4304736163	14516	Fee	GW	P
UTE TRIBAL 9-28-1319	28	130S	190E	4304736221	14552	Fee	GW	P
UTE TRIBAL 1-33-1319	33	130S	190E	4304736598	14704	Fee	GW	P
UTE TRIBAL 1-20-1319	20	130S	190E	4304736931	15713	Fee	GW	P
UTE TRIBAL 1-29-1319	29	130S	190E	4304737052	15119	Fee	GW	P
UTE TRIBAL 15-28-1319	28	130S	190E	4304737247	15079	Fee	GW	P

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.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER

8. WELL NAME and NUMBER:

2. NAME OF OPERATOR: Discovery Natural Resources LLC N4135

9. API NUMBER:

3. ADDRESS OF OPERATOR: 410 17th St. Suite 900 CITY Denver STATE CO ZIP 80202

PHONE NUMBER: (303) 893-5073

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

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

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

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

Company Name Change:
From: FIML Natural Resources, LLC (N2530) To: Discovery Natural Resources LLC

See Attached List for Well Information

Effective: July 1, 2014

NAME (PLEASE PRINT) Joseph Hurliman TITLE President

SIGNATURE Joe Hurliman DATE July 17, 2014

(This space for State use only)

APPROVED

AUG 18 2014

DIV. OIL GAS & MINING

BY: Rachel Medina

(5/2000) (See Instructions on Reverse Side)

DISCOVERY NATURAL RESOURCES LLC

(fka FIML Natural Resources, LLC N2530)

WELL INFORMATION LIST

Well Name	Section	TWN	RNG	API Number	Entity	Mineral Lease	Well Type	Well Status
UTE TRIBAL 5-27-1319	27	130S	190E	4304736782	14843	Fee	WS	A
UTE TRIBAL 3-33-1319	33	130S	190E	4304739429		Fee	GW	APD
UTE TRIBAL 11-18-54	18	050S	040W	4301332955		Indian	OW	LA
UTE TRIBAL 15-18-55	18	050S	050W	4301332983		Indian	OW	LA
UTE TRIBAL 2-18-55	18	050S	050W	4301332985		Indian	OW	LA
UTE TRIBAL 4-18-55	18	050S	050W	4301332987		Indian	OW	LA
UTE TRIBAL 3-35-56	35	050S	060W	4301332994		Indian	OW	LA
UTE TRIBAL 5-35-56	35	050S	060W	4301332995		Indian	OW	LA
UTE TRIBAL 9-13-54	13	050S	040W	4301333078		Indian	OW	LA
UTE TRIBAL 3-13-54	13	050S	040W	4301333169		Indian	OW	LA
ST TRIBAL 1-18-54	18	050S	040W	4301333170		Indian	OW	LA
ST TRIBAL 3-18-54	18	050S	040W	4301333171		Indian	OW	LA
UTE TRIBAL 4-13-56	13	050S	060W	4301333256		Indian	OW	LA
UTE TRIBAL 5-13-56	13	050S	060W	4301333257		Indian	OW	LA
UTE TRIBAL 12-13-56	13	050S	060W	4301333258		Indian	OW	LA
UTE TRIBAL 14-13-56	13	050S	060W	4301333259		Indian	OW	LA
UTE TRIBAL 6-25-56	25	050S	060W	4301333293		Indian	OW	LA
UTE TRIBAL 12-25-56	25	050S	060W	4301333294		Indian	OW	LA
UTE TRIBAL 4-25-56	25	050S	060W	4301333295		Indian	OW	LA
UTE TRIBAL 1-25-56	25	050S	060W	4301333296		Indian	OW	LA
UTE TRIBAL 2-25-56	25	050S	060W	4301333297		Indian	OW	LA
UTE TRIBAL 2-24-56	24	050S	060W	4301333298		Indian	OW	LA
UTE TRIBAL 9-24-56	24	050S	060W	4301333299		Indian	OW	LA
UTE TRIBAL 15-24-56	24	050S	060W	4301333316		Indian	OW	LA
UTE TRIBAL 12-24-56	24	050S	060W	4301333317		Indian	OW	LA
UTE TRIBAL 5-24-56	24	050S	060W	4301333318		Indian	OW	LA
UTE TRIBAL 13-24-56	24	050S	060W	4301333319		Indian	OW	LA
UTE TRIBAL 3-24-56	24	050S	060W	4301333320		Indian	OW	LA
UTE TRIBAL 10-24-56	24	050S	060W	4301333321		Indian	OW	LA
UTE TRIBAL 4-19-55	19	050S	050W	4301333331		Indian	OW	LA
UTE TRIBAL 5-19-55	19	050S	050W	4301333332		Indian	OW	LA
UTE TRIBAL 15-12-56	12	050S	060W	4301333333		Indian	OW	LA
UTE TRIBAL 14-12-56	12	050S	060W	4301333334		Indian	OW	LA
UTE TRIBAL 10-12-56	12	050S	060W	4301333335		Indian	OW	LA
UTE TRIBAL 16-13-56	13	050S	060W	4301333336		Indian	OW	LA
UTE TRIBAL 1-13-56	13	050S	060W	4301333337		Indian	OW	LA
UTE TRIBAL 12-18-55	18	050S	050W	4301333346		Indian	OW	LA
UTE TRIBAL 9-18-55	18	050S	050W	4301333347		Indian	OW	LA
UTE TRIBAL 7-18-55	18	050S	050W	4301333348		Indian	OW	LA
UTE TRIBAL 10-18-55	18	050S	050W	4301333349		Indian	OW	LA
UTE TRIBAL 16-12-56	12	050S	060W	4301333366		Indian	OW	LA
UTE TRIBAL 2-13-56	13	050S	060W	4301333367		Indian	OW	LA
UTE TRIBAL 13-18-55	18	050S	050W	4301333368		Indian	OW	LA
UTE TRIBAL 6-18-55	18	050S	050W	4301333369		Indian	OW	LA
UTE TRIBAL 11-18-55	18	050S	050W	4301333390		Indian	OW	LA
UTE TRIBAL 3-18-55	18	050S	050W	4301333391		Indian	OW	LA
UTE TRIBAL 1-18-55	18	050S	050W	4301333392		Indian	OW	LA
UTE TRIBAL 15-25-56	25	050S	060W	4301333412		Indian	OW	LA
UTE TRIBAL 9-30-55	30	050S	050W	4301333413		Indian	OW	LA
UTE TRIBAL 12-30-55	30	050S	050W	4301333414		Indian	OW	LA
UTE TRIBAL 15-30-55	30	050S	050W	4301333415		Indian	OW	LA
UTE TRIBAL 16-30-55	30	050S	050W	4301333416		Indian	OW	LA
UTE TRIBAL 3-31-55	31	050S	050W	4301333502		Indian	OW	LA
UTE TRIBAL 4-31-55	31	050S	050W	4301333503		Indian	OW	LA
UTE TRIBAL 5-31-55	31	050S	050W	4301333504		Indian	OW	LA
UTE TRIBAL 13-31-55	31	050S	050W	4301333505		Indian	OW	LA

DISCOVERY NATURAL RESOURCES LLC

(fka FIML Natural Resources, LLC N2530)

WELL INFORMATION LIST

Well Name	Section	TWN	RNG	API Number	Entity	Mineral Lease	Well Type	Well Status
UTE TRIBAL 12-31-55	31	050S	050W	4301333506		Indian	OW	LA
UTE TRIBAL 11-31-55	31	050S	050W	4301333507		Indian	OW	LA
UTE TRIBAL 7-31-55	31	050S	050W	4301333509		Indian	OW	LA
UTE TRIBAL 6-31-55	31	050S	050W	4301333510		Indian	OW	LA
UTE TRIBAL 14-31-55	31	050S	050W	4301333511		Indian	OW	LA
UTE TRIBAL 6-36-56	36	050S	060W	4301333614		Indian	OW	LA
UTE TRIBAL 3-36-56	36	050S	060W	4301333615		Indian	OW	LA
UTE TRIBAL 9-35-56	35	050S	060W	4301333903		Indian	OW	LA
UTE TRIBAL 15-11-54	11	050S	040W	4301333949		Indian	OW	LA
UTE TRIBAL 3-36-56	36	050S	060W	4301333952		Indian	OW	LA
UTE TRIBAL 6-36-56	36	050S	060W	4301333953		Indian	OW	LA
UTE TRIBAL 11-18-54	18	050S	040W	4301334256		Indian	OW	LA
MYRIN TRIBAL 15-19-55	19	050S	050W	4301334297		Indian	OW	LA
MYRIN TRIBAL 11-19-55	19	050S	050W	4301334298		Indian	OW	LA
MYRIN TRIBAL 9-19-55	19	050S	050W	4301334299		Indian	OW	LA
UTE TRIBAL 2-10-1219	10	120S	190E	4304735897		Fee	GW	LA
UTE TRIBAL 2-14-1219	14	120S	190E	4304735980		Fee	GW	LA
UTE TRIBAL 13-27-1319	27	130S	190E	4304737051		Fee	GW	LA
UTE TRIBAL 3-28-1319	28	130S	190E	4304737641		Fee	GW	LA
UTE TRIBAL 5-28-1319	28	130S	190E	4304737643		Fee	GW	LA
UTE TRIBAL 7-28-1319	28	130S	190E	4304737658		Fee	GW	LA
UTE TRIBAL 5-22-1319	22	130S	190E	4304737751		Fee	GW	LA
UTE TRIBAL 15-21-1319	21	130S	190E	4304737752		Fee	GW	LA
UTE TRIBAL 11-22-1319	22	130S	190E	4304737827		Fee	GW	LA
UTE TRIBAL 13-21-1319	21	130S	190E	4304737828		Fee	GW	LA
UTE TRIBAL 16-20-1319	20	130S	190E	4304737829		Fee	GW	LA
UTE TRIBAL 9-20-1319	20	130S	190E	4304737830		Fee	GW	LA
UTE TRIBAL 1-34-1319	34	130S	190E	4304738604		Fee	GW	LA
UTE TRIBAL 3-27-1319	27	130S	190E	4304733804	15536	Fee	GW	P
UTE TRIBAL 10-21-1319	21	130S	190E	4304735997	14355	Fee	GW	P
UTE TRIBAL 13-22-1319	22	130S	190E	4304736163	14516	Fee	GW	P
UTE TRIBAL 9-28-1319	28	130S	190E	4304736221	14552	Fee	GW	P
UTE TRIBAL 1-33-1319	33	130S	190E	4304736598	14704	Fee	GW	P
UTE TRIBAL 1-20-1319	20	130S	190E	4304736931	15713	Fee	GW	P
UTE TRIBAL 1-29-1319	29	130S	190E	4304737052	15119	Fee	GW	P
UTE TRIBAL 15-28-1319	28	130S	190E	4304737247	15079	Fee	GW	P
UTE TRIBAL 8-18-55	18	050S	050W	4301332986	15698	Indian	D	PA
UTE TRIBAL 6-11-1219	11	120S	190E	4304735898	14309	Fee	D	PA
UTE TRIBAL 3-9-1219	9	120S	190E	4304735970	14375	Fee	D	PA
UTE TRIBAL 1-28-1319	28	130S	190E	4304736766	14807	Fee	GW	PA
UTE TRIBAL 13-15-1319	15	130S	190E	4304737050	15117	Fee	D	PA
UTE TRIBAL 13-26-1319	26	130S	190E	4304737082	15028	Fee	D	PA
UTE TRIBAL 11-28-1319	28	130S	190E	4304737248	15118	Fee	D	PA
UTE TRIBAL 5-34-1319	34	130S	190E	4304737375	15143	Fee	D	PA
UTE TRIBAL 13-28-1319	28	130S	190E	4304737642	15257	Fee	D	PA
UTE TRIBAL 9-32-1319	32	130S	190E	4304738971	16949	Fee	D	PA
UTE TRIBAL 13-16-1319	16	130S	190E	4304740098	16984	Fee	D	PA
UTE TRIBAL 14-34-1219	34	120S	190E	4304740603	17342	Fee	D	PA
UTE TRIBAL 15-22-1219	22	120S	190E	4304740604	17343	Fee	D	PA
MYRIN TRIBAL 11-19-55	19	050S	050W	4301333611		Indian	OW	RET
MYRIN TRIBAL 9-19-55	19	050S	050W	4301333612		Indian	OW	RET
MYRIN TRIBAL 15-19-55	19	050S	050W	4301333613		Indian	OW	RET

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.

5.LEASE DESIGNATION AND SERIAL NUMBER: UIT-EDA-001-000

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: UTE TRIBAL 1-20-1319

2. NAME OF OPERATOR: DISCOVERY NATRUAL RESOURCES, LLC

9. API NUMBER: 43047369310000

3. ADDRESS OF OPERATOR: 410 17th Street, Suite 900 , Denver, CO, 80202

PHONE NUMBER: 303 628-7358 Ext

9. FIELD and POOL or WILDCAT: NAVAL RESERVE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0444 FNL 0280 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 20 Township: 13.0S Range: 19.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 8/29/2015	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: Shut In Well

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

Discovery Natural Resources LLC will Shut In the Ute Tribal #1-20-1319 August 29, 2015. State of Utah, Division of Oil, Gas & Mining Surety Bond No. 8193-15-93.

Accepted by the Utah Division of Oil, Gas and Mining

Date: August 18, 2015

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Bonnie Scofield	303 628-7358	Regulatory Supervisor
SIGNATURE N/A		**DATE** 8/11/2015

RECEIVED: Aug. 11, 2015

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UIT-EDA-001-000

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: UTE

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: UTE TRIBAL 1-20-1319

2. NAME OF OPERATOR: DISCOVERY NATRUAL RESOURCES, LLC

9. API NUMBER: 43047369310000

3. ADDRESS OF OPERATOR: 410 17th Street, Suite 900 , Denver, CO, 80202

PHONE NUMBER: 303 628-7358 Ext

9. FIELD and POOL or WILDCAT: NAVAL RESERVE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0444 FNL 0280 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 20 Township: 13.0S Range: 19.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 6/1/2016	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	✓ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

Discovery Natural Resources LLC intends to plug and abandon the Ute Tribal 1-20-1319. The well schematics and proposed procedure are attached. State of Utah , Division of Oil, Gas & Mining Surety Bond No. 8193-15-93

Approved by the Utah Division of Oil, Gas and Mining

Date: February 10, 2016

By: Dark K Quist

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Bonnie Scofield	303 628-7358	Regulatory Supervisor
SIGNATURE N/A		**DATE** 2/9/2016

RECEIVED: Feb. 09, 2016

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047369310000

1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.

2. Amend Plug #1: A minimum 100' cement plug (11 sx) should be spotted on top of the CIBP @ 11,550', not 2 sx as proposed. .

3. Add Plug #2: A 100' plug (±11 sx) shall be balanced from ±7700' to 7600'. This will isolate the Mancos top.

4. Note Plug #3: A minimum 28sx cement required. Tag plug.

5. Note Plug # 4: A minimum 41 sx cement required. Tag plug.

6. Add Plug #5: A 100' plug (±37 sx) shall be balanced from ±100' to surface.

7. Amend Plug #6: A 100' plug (±37 sx) shall be balanced from ±7700' to 7600'

8. All balanced plugs shall be tagged to ensure that they are at the depth specified.

9. All annuli shall be cemented from a minimum depth of 100' to the surface.

10. The interval between plugs shall be filled with noncorrosive fluid of adequate density to prevent migration of formation water into or through the well bore (R649-3-24-3.5).

11. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.

12. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.

13. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.

14. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.

RECEIVED: Feb. 10, 2016

Wellbore Diagram

r263

API Well No: 43-047-36931-00-00 **Permit No:** **Well Name/No:** UTE TRIBAL 1-20-1319

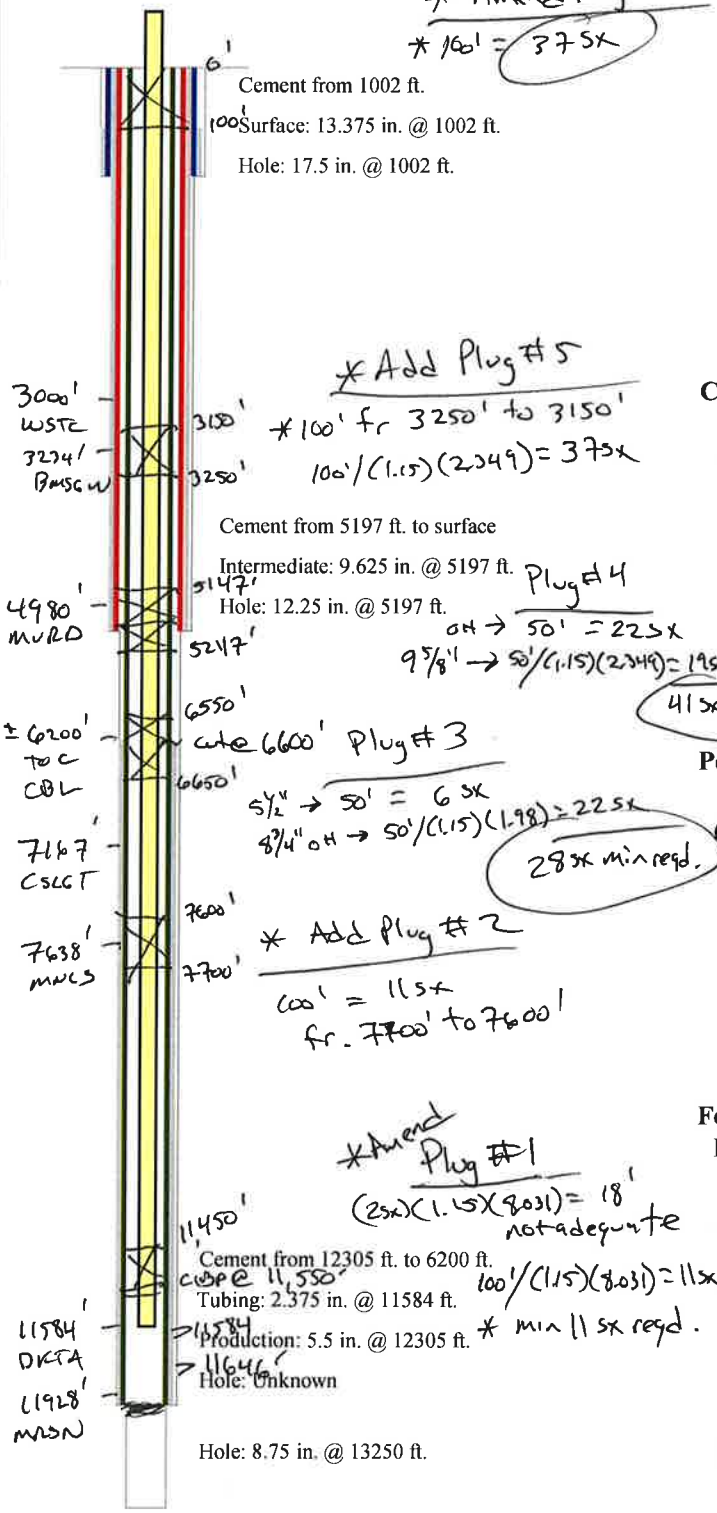
Company Name: DISCOVERY NATURAL RESOURCES LLC

Location: Sec: 20 T: 13S R: 19E Spot: NENE

Coordinates: X: 602415 Y: 4392675

Field Name: NAVAL RESERVE

County Name: UINTAH



TD: 13250 **TVD:** 13250 **PBTD:** 12186

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)	Capacity (f/cf)
HOL1	1002	17.5			
SURF	1002	13.375	61	1002	
HOL2	5197	12.25			
I1	5197	9.625	40	5197	2.349
HOL3	13250	8.75			
PROD	12305	5.5	20	12305	8.031
T1	11584	2.375			

9 5/8" x 5 1/2" → 3.835

8 3/4" OH (60) → 1.980

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
I1	5197	0	PC	600
I1	5197	0	H	715
PROD	12305	6200	PC	1500
PROD	12305	6200	UK	240
SURF	1002		PM	1025

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
11584	11646			

Formation Information

Formation	Depth
WSTC	3000
MVRD	4980
CSLGT	7167
MNCS	7638
DKTA	11584
MRSN	11928
ENRD	12767
WINGT	13119
BMSCW	3234'

Discovery Natural Resources

P&A Procedure

December 22, 2015

Well Name:	Ute Tribal 1-20-1319	
Field:	NOSR	
Location:	444' FNL & 280' FEL, Sec 20, T13S-R19E	
County:	Uintah	
State:	Utah	
Total Depth:	13,244'	
Casing:	5-1/2", 20.0#, P-110	
Cement Top:	6,630'	
Tubing:	2-7/8", 6.5#, N-80	
PBTD:	12,303'	
Perforations:	Dakota	11,584'-11,590'
		11,626'-11,646'
Tubing Depth:	11,567'	

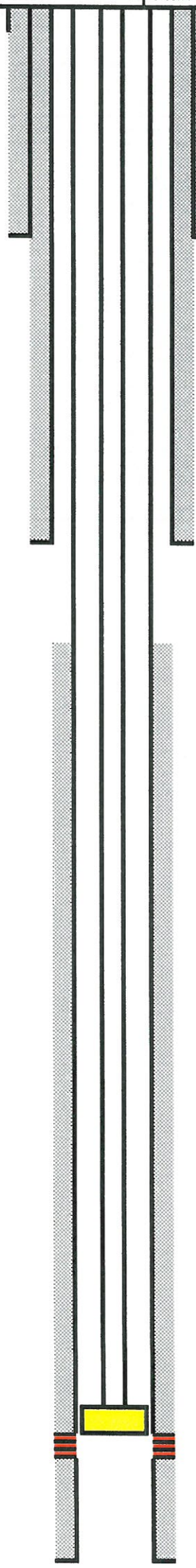
Procedure:

1) MIRU pulling unit.
2) NU BOP.
3) TOH with tubing.
4) RU wireline truck. Set 5-1/2" CIBP at +/- 11,550' KB. Cap CIBP with 2 sx cement.
5) Cut off 5-1/2" casing at +/- 6,600' KB. RD wireline truck.
6) TOH LD 6,600' of 5-1/2" casing.
7) TIH with tubing and set 100' cement plug across top of cut-off.
8) TOH with tubing to 5,245' and set 100' cement plug across 9-5/8" shoe.
9) TOH to surface and spot 10 sx cement plug at surface.
10) RDMO pulling unit.
11) Cut wellhead off and weld on dryhole marker.
12) Reclaim location and access road.

WR

FIML NATURAL RESOURCES, LLC

Well:	**Ute Tribal #1-20-1319**		Hole Size:	MD:
Legal:	444' FNL & 280' FEL Section 20-T13S-R19E		17-1/2"	1,025'
Survey:			12-1/4"	5,205'
County/Parish:	Uintah	API No: 43-047-36931	8-3/4" & 7-7/8"	13,244'
State:	Utah	Drilling Contractor: Krobar, rig #21. KB: 23.0'		



20" @ 80'

Spud air rig: 10/12/06
DOFUS: 11/11/06
TD @ ICP: 11/28/06
DOFUICP: 12/07/06
TD: 02/11/07
RR: 02/19/07

13-3/8" @ 1025'
FIT: 10.5 ppg.

TOC behind 9-5/8" Inter. Csg. @ surface.

9-5/8" @ 5195' (MD)
FIT: 11.5 ppg.

Top of good cement @ 6,630

EOT @ 11,567'

Dakota perfs: 11584'-11590' & 11626'-11646'.

5-1/2" @ 12,303' (MD), 941' off bottom.

BHL @ 13164' (MD), 13135' (TVD): 1091.17' FNL & 394.43' FEL.

SURFACE CASING DETAIL(Preset by Bill Martin):

1	13-3/8", Halliburton, SS-II, guide shoe.	1.20
1 Jt.	13-3/8", 54.5#, J-55, ST&C, Cond. "A" casing.	35.90
1	13-3/8", Halliburton, SS-II, float collar.	1.40
24 Jts.	13-3/8", 54.5#, J-55, ST&C, Cond. "A" casing.	963.95
25 Jts.	Total	1002.45

Casing set @ 1025'. Float collar @ 987.90'.

SURFACE CASING CEMENT DETAIL:

Big-4 cmt. w/ 900 sx. (189.10 bbl) "Premium" cmt. w/ 2.0% CaCl2 & 0.25 pps. flocele. Wt: 15.6 ppg. Yield: 1.18 ft3/sk. NCTS. TO w/ 125 sx. (26.2 bbl) "Premium" cmt. w/ 2.0% CaCl2 & 0.25 pps. flocele. Wt: 15.6 ppg. Yield: 1.18 ft3/sk. TOC @ surface.

INTERMEDIATE CASING DETAIL:

1	9-5/8", HES, SS-II, guide shoe.	1.70
2 Jts.	9-5/8", 40.0#, N-80, LT&C, cond. "A", Csg.	86.43
1	9-5/8", Halliburton, SS-II, float collar.	1.60
120 Jts.	9-5/8", 40.0#, N-80, LT&C, cond. "A", Csg.	5107.23
122 Jts.	Total	5196.96

Csg. Set @ 5195'. Float collar @ 5105'.

INTERMEDIATE CASING CEMENT DETAIL:

Superior Services cmt. lead w/ 715 sx (486 bbl) class "H" cmt containing 16.0% bentonite, 1.0% Super Sil-Sp, 3.0% salt, 0.2% Super CR-1, 10.0 pps gilsonite & 0.25 pps Super-Flake. Wt: 11.0 ppg. Yield: 3.82 ft3/sk. MWR: 23.20 gps. Tailed in w/ 600 sx. (132.0 bbls) 50/50, class "H"/Pozmix containing 2.0% bentonite, 3.0% salt & 0.3% Super FL-200. Wt: 14.3 ppg. Yield: 1.23 ft_3/sk. MWR: 5.43 gps. Circulated 4.0 BCTS.

PRODUCTION CASING DETAIL:

1	5-1/2", Weatherford, Sure-Seal II, float shoe.	1.14
1 Jt.	5-1/2", 20.0#, P-110, LT&C, casing.	42.02
1	5-1/2", Weatherford, Sure-Seal II, float collar.	1.19
275 Jts.	5-1/2", 20.0#, P-110, LT&C, casing.	12260.79
276 Jts.		12305.14

Casing set @ 12,303' (941' off bottom). Float collar @ 12,259'.

PRODUCTION CASING CEMENT DETAIL:

Superior Services cmt. Lead w/ 240 sx (185.10 bbl) Super CBM, class "A" cmt. w/ 2.0% Cal-Seal, 2.25% Super-SIL, 6.0% salt, 10.0 pps. Gilsonite, 0.25 pps. Superflake & 3.0 pps.Super-GR. Wt: 10.5 ppg. Yield: 4.33 ft3/sk. Tailed in w/ 1500 sx. (334.0 bbl) 50/50 Pozmix w/ 2.0% gel, 5.0% salt,0.3% Super Flo-200, 0.20% Airout & 0.3% Super CR-2. Wt: 14.3 ppg. Yield: 1.25 ft3/sk.

Produciton tubing detail on page #2

Prepared By/Date: Adam D. Blum 02-21-07
Revised by/Date: ADB/5-14-09

Ute Tribal #1-20-1319

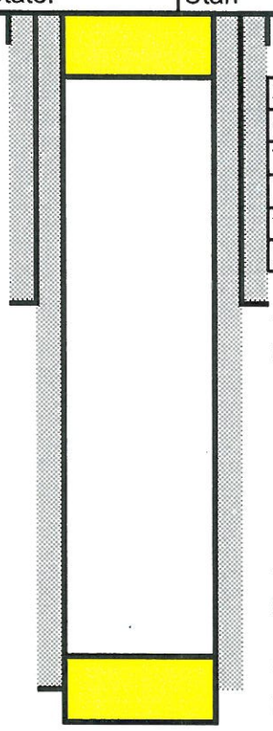
	PRODUCTION TUBING DETAIL: (Ran 5-7-07)		
	1	4-5/8", concave mill.	1.56
	1	XO (2-3/8" 8rd box x 2-7/8" regular box).	2.02
	1 Jt.	2-3/8", 4.7#, L-80, EUE, 8rd. tubing.	29.10
	1	2-3/8", "X", profile nipple (ID: 1.875").	0.90
	370 Jts.	2-3/8", 4.7#, L-80, EUE, 8rd. tubing.	11504.54
	1	Donut adapter.	1.98
Note: Broached tubing & installed bumper spring on top of "X" nipple on 3/25/08	371 Jts.	Total	11540.10
	EOT @ 11567'. "X" Profile Nipple @ 11534'		

Dakota (zone #1) perforations: 11,584'-11,590' (6') @ 3 spf & 11,626'-11,646' (20') @ 3 spf w/ HES TCP system, 60^0 phased, 25.0 gram charges, 0.45" EHD & 37.5" TTP w/ 200' of 3.0% water cushion on 3-30-07. Flow test natural on 28/64" choke, 400 psi FTP & avg. 1.980MCFGPD (dry gas). Ran BHP bombs, BHP: 3982 psi (0.34 pressure gradient, 6.6 ppg EMW). TOH, L/D tubing, packer & TCP assembly. 4-14-07: Superior Well Services frac w/ 1058 bbls. XL-4, 25.0# fluid w/ 3.0% KCL base fluid, 50 tons CO2 (30 quality foam) and 27,202 lbs 20-40 mesh XRT gold sand. Pumped 66% of sand volume due to screen out on 3.0 ppg sand stage. AIR/ATP: 22.0 BPM/4390 psi. Max IR/Max TP: 22.0 bpm/9805 psi (screen out). ISIP: N/A (due to screen out). Cleaned out screen out to 12,204' w/ CTU. 4/23/07: Established injection test w/ Superior pump truck to ensure that well would be eligible for a re-frac. IR/PP: 10.0 bpm/4850 psi. Re-perforated same Dakota interval with same perforating gun specifications. Re-ran injection test w/ Superior pump truck. IR: PP: 9.7 bpm/5695 psi. Pumped a total of 372.0 bbls. 4-25-07: Superior Well Services attempted to re-frac Dakota zone #1. Screened out again with 1234 bbls XL-4, 25.0# fluid w/ 3.0% KCL base fluid, 48 tons CO2 (30 quality foam) and 32,300 lbs 20-40 mesh XRT gold sand pumped through perforations (left 26,600 lbs in casing). Screened out in 3.0 ppg stage again. Cleaned out casing to PBTD of 12,204' w/ 4-5/8" mill on 2-3/8" tubing string, lost 2 cones off 4-5/8" bit @ 11607' while cleaning out screen out. Landed tubing string, swabbed in well and turned well to produciton.

Prepared By/Date: Adam D. Blum 02-21-07
Revised by/Date: ADB/5-14-09

DISCOVERY NATURAL RESOURCES

			Hole Size:	MD:
Well:	**Ute Tribal #1-20-1319**			
Legal:	444' FNL & 280' FEL Section 20-T13S-R19E		17-1/2"	1,025'
Survey:			12-1/4"	5,205'
County/Parish:	Uintah	API No: 43-047-36931	8-3/4" & 7-7/8"	13,244'
State:	Utah	Drilling Contractor: Krobar, rig #21. KB: 23.0'		



20" @ 80'

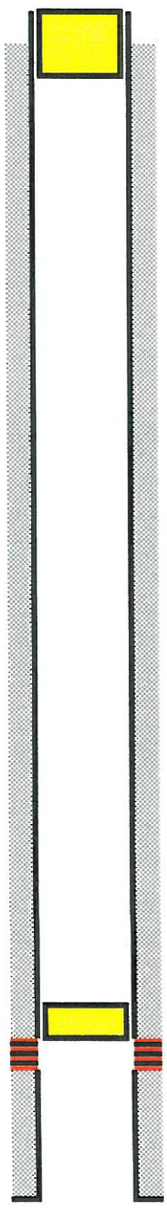
Spud air rig: 10/12/06
DOFUS: 11/11/06
TD @ ICP: 11/28/06
DOFUICP: 12/07/06
TD: 02/11/07
RR: 02/19/07

13-3/8" @ 1025'
FIT: 10.5 ppg.

TOC behind 9-5/8" Inter. Csg. @ surface.

9-5/8" @ 5195' (MD)
FIT: 11.5 ppg.

Top of good cement @ 6,630



CIBP @ 11,550' w/2 sx cement on top

Dakota perfs: 11584'-11590' & 11626'-11646'.

5-1/2" @ 12,303' (MD), 941' off bottom.

BHL @ 13164' (MD), 13135' (TVD): 1091.17' FNL & 394.43' FEL.

SURFACE CASING DETAIL(Preset by Bill Martin):

1	13-3/8", Halliburton, SS-II, guide shoe.	1.20
1 Jt.	13-3/8", 54.5#, J-55, ST&C, Cond. "A" casing.	35.90
1	13-3/8", Halliburton, SS-II, float collar.	1.40
24 Jts.	13-3/8", 54.5#, J-55, ST&C, Cond. "A" casing.	963.95
25 Jts.	Total	1002.45

Casing set @ 1025'. Float collar @ 987.90'.

SURFACE CASING CEMENT DETAIL:

Big-4 cmt. w/ 900 sx. (189.10 bbl) "Premium" cmt. w/ 2.0% CaCl2 & 0.25 pps. flocele. Wt: 15.6 ppg. Yield: 1.18 ft3/sk. NCTS. TO w/ 125 sx. (26.2 bbl) "Premium" cmt. w/ 2.0% CaCl2 & 0.25 pps. flocele. Wt: 15.6 ppg. Yield: 1.18 ft3/sk. TOC @ surface.

INTERMEDIATE CASING DETAIL:

1	9-5/8", HES, SS-II, guide shoe.	1.70
2 Jts.	9-5/8", 40.0#, N-80, LT&C, cond. "A", Csg.	86.43
1	9-5/8", Halliburton, SS-II, float collar.	1.60
120 Jts.	9-5/8", 40.0#, N-80, LT&C, cond. "A", Csg.	5107.23
122 Jts.	Total	5196.96

Csg. Set @ 5195'. Float collar @ 5105'.

INTERMEDIATE CASING CEMENT DETAIL:

Superior Services cmt. lead w/ 715 sx (486 bbl) class "H" cmt containing 16.0% bentonite, 1.0% Super Sil-Sp, 3.0% salt, 0.2% Super CR-1, 10.0 pps gilsonite & 0.25 pps Super-Flake. Wt: 11.0 ppg. Yield: 3.82 ft3/sk. MWR: 23.20 gps. Tailed in w/ 600 sx. (132.0 bbls) 50/50, class "H"/Pozmix containing 2.0% bentonite, 3.0% salt & 0.3% Super FL-200. Wt: 14.3 ppg. Yield: 1.23 ft_3/sk. MWR: 5.43 gps. Circulated 4.0 BCTS.

PRODUCTION CASING DETAIL:

1	5-1/2", Weatherford, Sure-Seal II, float shoe.	1.14
1 Jt.	5-1/2", 20.0#, P-110, LT&C, casing.	42.02
1	5-1/2", Weatherford, Sure-Seal II, float collar.	1.19
275 Jts.	5-1/2", 20.0#, P-110, LT&C, casing.	12260.79
276 Jts.		12305.14

Casing set @ 12,303' (941' off bottom). Float collar @ 12,259'.

PRODUCTION CASING CEMENT DETAIL:

Superior Services cmt. Lead w/ 240 sx (185.10 bbl) Super CBM, class "A" cmt. w/ 2.0% Cal-Seal, 2.25% Super-SIL, 6.0% salt, 10.0 pps. Gilsonite, 0.25 pps. Superflake & 3.0 pps.Super-GR. Wt: 10.5 ppg. Yield: 4.33 ft3/sk. Tailed in w/ 1500 sx. (334.0 bbl) 50/50 Pozmix w/ 2.0% gel, 5.0% salt,0.3% Super Flo-200, 0.20% Airout & 0.3% Super CR-2. Wt: 14.3 ppg. Yield: 1.25 ft3/sk.

Produciton tubing detail on page #2

Prepared By/Date: Adam D. Blum 02-21-07
Revised by/Date: ADB/5-14-09

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.

5.LEASE DESIGNATION AND SERIAL NUMBER: UIT-EDA-001-000

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE

7.UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: UTE TRIBAL 1-20-1319

2. NAME OF OPERATOR: DISCOVERY NATRUAL RESOURCES, LLC

9. API NUMBER: 43047369310000

3. ADDRESS OF OPERATOR: 410 17th Street, Suite 900 , Denver, CO, 80202

PHONE NUMBER: 303 628-7358 Ext

9. FIELD and POOL or WILDCAT: NAVAL RESERVE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0444 FNL 0280 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 20 Township: 13.0S Range: 19.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☑ SUBSEQUENT REPORT Date of Work Completion: 6/27/2016	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SPUD REPORT Date of Spud:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DRILLING REPORT Report Date:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☑ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

The Ute Tribal 1-20-1319 was plugged and abandoned on June 27, 2016. See attached file for Final PA Operations and Wellbore Schematic. State of Utah, Division of Oil, Gas & Mining Surety Bond No. 8193-15-93.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
July 18, 2016

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Bonnie Scofield	303 628-7358	Regulatory Supervisor
SIGNATURE N/A		**DATE** 7/14/2016

RECEIVED: Jul. 14, 2016

Discovery Natural Resources LLC

Ute Tribal 1-20-1319
API # 43-047-36931
Uintah County, UT

P&A Operations:

MOVE IN RIG UP, RIG UP PUMP AND LINE, KILL WELL WITH 50 BBLS. ND WELLHEAD, NU BOPS. PULL OUT HOLE WITH 371 JNTS. PU 5.5 CIBP & RUN IN WITH 233 JNTS. SHUT IN FOR NIGHT.

BLEED OFF WELL. RUN IN WITH 136 JNTS, SET CIBP AT 11,548'.
STING OUT. FILL HOLE WITH 285 BBLS TREATED WATER, SPOT 13 SKS CEMENT LAY DOWN 124 JNTS, SPOT 13 SKS BALANCE PLUG. PULL 14 JNTS, REVERSE CLEAN WITH 32 BBLS TREATED WATER. SHUT IN FOR NIGHT.

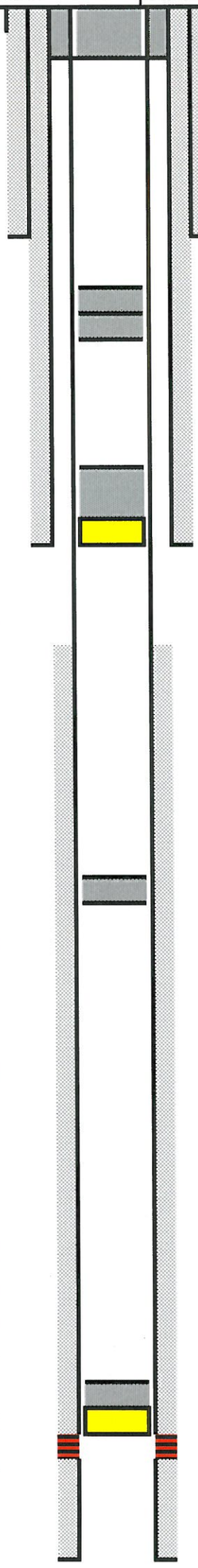
RUN IN TAG & CEMENT PLUG AT 7550'. LAY DOWN 48 JNTS, STAND BACK 99 STANDS AND SINGLE. ND BOPS & TBG HEAD. MAKE UP CSG SPEAR, ATTEMPT TO PULL CSG SLIPS WOULD NOT COME FREE. TALKED TO STATE. RU WIRELINE RUN IN CUT CSG AT 5178'. ATTEMPT TO PULL CSG, WOULD NOT COME. NU TBG HEAD AND BOPS. SHUT IN FOR NIGHT.

RUN IN & SET CICR AT 5116'. ATTEMPT TO GET CIRC UP SURFACE CSG. PRESSURED UP. HOOK UP ATTEMPT TO PUMP DOWN SURFACE CSG, PRESSURED UP HELD 1500 PSI. TALKED TO STATE. STUNG OUT OF CICR. SPOT 22 SKS 200' ON RETAINER. LAY DOWN TO 3254' & SPOT 11 SKS BALANCE PLUG. PULL 14 JNTS. REVERSE CLEAN. SHUT IN FOR NIGHT.

RUN IN & TAG PLUG AT 3205'. SPOT 6 SKS ON BALANCE PLUG.
PULL OUT OF HOLE LAYING DOWN. RIG DOWN. DIG OUT AND CUT OFF CSG HEAD. FILL SURFACE WITH 60 SKS CEMENT. WELD ON MARKER AND BACK FILL WELL. Well P&A'd (6/27/16).

DISCOVERY NATURAL RESOURCES LLC

			Hole Size:	MD:
Well:	**Ute Tribal #1-20-1319**		17-1/2"	1,025'
Legal:	444' FNL & 280' FEL Section 20-T13S-R19E		12-1/4"	5,205'
Survey:			8-3/4" & 7-7/8"	13,244'
County/Parish:	Uintah	API No: 43-047-36931		
State:	Utah	Drilling Contractor: Krobar, rig #21. KB: 23.0'		



20" @ 80'

60 sx 15.2# plug

Spud air rig: 10/12/06
DOFUS: 11/11/06
TD @ ICP: 11/28/06
DOFUICP: 12/07/06
TD: 02/11/07
RR: 02/19/07

13-3/8" @ 1025'

6 sx 15.2# plug

Tagged 3205'

11 sx 15.2# plug

TOC behind 9-5/8"

Inter. Csg. @ surface.

22 sx 15.2# cmt cap

CICR @ 5116'

Cut csg 5178'

9-5/8" @ 5195' (MD)

Top of good cement @ 6,630

Tagged 7550'

13 sx 15.2# plug

13 sx 15.2# cmt cap

CIBP @ 11,548'

Dakota perfs: 11584'-11590' & 11626'-11646'.

5-1/2" @ 12,303' (MD), 941' off bottom.

BHL @ 13164' (MD), 13135' (TVD): 1091.17' FNL & 394.43' FEL.

SURFACE CASING DETAIL(Preset by Bill Martin):

1	13-3/8", Halliburton, SS-II, guide shoe.	1.20
1 Jt.	13-3/8", 54.5#, J-55, ST&C, Cond. "A" casing.	35.90
1	13-3/8", Halliburton, SS-II, float collar.	1.40
24 Jts.	13-3/8", 54.5#, J-55, ST&C, Cond. "A" casing.	963.95
25 Jts.	Total	1002.45

Casing set @ 1025'. Float collar @ 987.90'.

SURFACE CASING CEMENT DETAIL:

Big-4 cmt. w/ 900 sx. (189.10 bbl) "Premium" cmt. w/ 2.0% CaCl2 & 0.25 pps. flocele. Wt: 15.6 ppg. Yield: 1.18 ft3/sk. NCTS. TO w/ 125 sx. (26.2 bbl) "Premium" cmt. w/ 2.0% CaCl2 & 0.25 pps. flocele. Wt: 15.6 ppg. Yield: 1.18 ft3/sk. TOC @ surface.

INTERMEDIATE CASING DETAIL:

1	9-5/8", HES, SS-II, guide shoe.	1.70
2 Jts.	9-5/8", 40.0#, N-80, LT&C, cond. "A", Csg.	86.43
1	9-5/8", Halliburton, SS-II, float collar.	1.60
120 Jts.	9-5/8", 40.0#, N-80, LT&C, cond. "A", Csg.	5107.23
122 Jts.	Total	5196.96

Csg. Set @ 5195'. Float collar @ 5105'.

INTERMEDIATE CASING CEMENT DETAIL:

Superior Services cmt. lead w/ 715 sx (486 bbl) class "H" cmt containing 16.0% bentonite, 1.0% Super Sil-Sp, 3.0% salt, 0.2% Super CR-1, 10.0 pps gilsonite & 0.25 pps Super-Flake. Wt: 11.0 ppg. Yield: 3.82 ft3/sk. MWR: 23.20 gps. Tailed in w/ 600 sx. (132.0 bbls) 50/50, class "H"/Pozmix containing 2.0% bentonite, 3.0% salt & 0.3% Super FL-200. Wt: 14.3 ppg. Yield: 1.23 ft_3/sk. MWR: 5.43 gps. Circulated 4.0 BCTS.

PRODUCTION CASING DETAIL:

1	5-1/2", Weatherford, Sure-Seal II, float shoe.	1.14
1 Jt.	5-1/2", 20.0#, P-110, LT&C, casing.	42.02
1	5-1/2", Weatherford, Sure-Seal II, float collar.	1.19
275 Jts.	5-1/2", 20.0#, P-110, LT&C, casing.	12260.79
276 Jts.		12305.14

Casing set @ 12,303' (941' off bottom). Float collar @ 12,259'.

PRODUCTION CASING CEMENT DETAIL:

Superior Services cmt. Lead w/ 240 sx (185.10 bbl) Super CBM, class "A" cmt. w/ 2.0% Cal-Seal, 2.25% Super-SIL, 6.0% salt, 10.0 pps. Gilsonite, 0.25 pps. Superflake & 3.0 pps.Super-GR. Wt: 10.5 ppg. Yield: 4.33 ft3/sk. Tailed in w/ 1500 sx. (334.0 bbl) 50/50 Pozmix w/ 2.0% gel, 5.0% salt,0.3% Super Flo-200, 0.20% Airout & 0.3% Super CR-2. Wt: 14.3 ppg. Yield: 1.25 ft3/sk.

Produciton tubing detail on page #2

Prepared By/Date: Adam D. Blum 02-21-07
Revised by/Date: WR/7-11-16