

002

MILLER, DYER & CO. LLC

475 SEVENTEENTH STREET, SUITE 420

DENVER, COLORADO 80202

TELEPHONE: 303-292-0949

FACSIMILE: 303-292-3901

April 5, 2004

Via: Overnight Delivery - RUSH
(801) 538 5315

Ms Diana Whitney
Division of Oil, Gas and Mining
1594 West North Temple, Ste 1210
Salt Lake City, UT 84114-5801

RE: Application to Drill
Ute Tribal 10-2-15-20
Section 2, T15S R20E
ML-46842
Uintah County, Utah

Dear Ms Whitney:

Miller, Dyer & Co. LLC, as Operator, submits herewith two (2) separate Form 3, Application for Permit to Drill, for your approval.

Miller, Dyer & Co. LLC is seeking the approval by the Division to drill the Ute Tribal #10-2-15-20 well to a depth of 12,500 feet to test various zones.

Said forms are being submitted in duplicate along with a copy of the Designation of Operator, which was submitted previously to the Division of Oil, Gas and Mining. Shaw Resources Limited, LLC, as record title owner designates Miller, Dyer & Co. LLC as Operator of the lease/well.

Miller-Dyer has located a drilling rig capable of drilling this well to total depth. We respectfully request the Division's immediate attention to this APD and the approval of the same. Miller-Dyer must begin operations within 20 days or lose the drilling rig. As you may be aware, drilling rigs are hard to come by, especially those capable of drilling to this depth. Your review and approval would be most appreciated.

If you require any additional information, please do not hesitate to call John Dyer at (303) 292 - 0949, Ext 103 or Chris Potter at (303) 292 0949, Ext 109.

Yours truly,

MILLER, DYER & CO. LLC



Chris A Potter

RECEIVED

APR 07 2004

DIV. OF OIL, GAS & MINING

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

FORM 3

001

AMENDED REPORT
(highlight changes)

APPLICATION FOR PERMIT TO DRILL				5. MINERAL LEASE NO: ML-46842	6. SURFACE: Indian
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
B. TYPE OF WELL: OIL <input checked="" type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>				8. UNIT or CA AGREEMENT NAME: N/A <i>Widcat</i>	
2. NAME OF OPERATOR: Miller, Dyer & Co. LLC				9. WELL NAME and NUMBER: Ute Tribal #10-2-15-20	
3. ADDRESS OF OPERATOR: 475 17th St. Suite #420 CITY Denver STATE CO ZIP 80202			PHONE NUMBER: (303) 292-0949	10. FIELD AND POOL, OR WILDCAT: N/A <i>Widcat</i>	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1928 FEL 1716 FSL AT PROPOSED PRODUCING ZONE: 1928 FEL 1716 FSL				11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 2 15S 20E S	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: Ouray is 53 miles north of the location				12. COUNTY: Uintah	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 1716'	16. NUMBER OF ACRES IN LEASE: 640.8		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40		
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) N/A	19. PROPOSED DEPTH: 12,500		20. BOND DESCRIPTION: Letter of Credit		
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): GR 7165	22. APPROXIMATE DATE WORK WILL START: 6/1/2004		23. ESTIMATED DURATION: 4 Weeks		

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT			
20"	16" Confrac 0.250" wall	40	Ready Mix to Surface			
12-1/4"	9-5/8" K-55 36#	1,500	Class G	450 SXS	3.12 cuft/sx	11.6 ppg
7-7/8"	5-1/2" J-55 17#	12,500	50/50 Pozmix	700 SXS	1.47 cuft/sx	14.3 ppg

25. **ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER	<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER	<input checked="" type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

NAME (PLEASE PRINT) John E. Dyer TITLE Operations Manager

SIGNATURE *John E. Dyer* DATE 4/5/2004

(This space for State use only)

API NUMBER ASSIGNED: 43-047-35625

APPROVAL:

RECEIVED
APR 07 2004

DIV. OF OIL, GAS & MINING

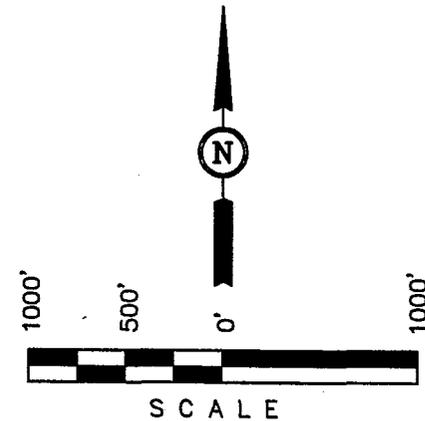
T15S, R20E, S.L.B.&M.

MILLER, DYER & CO. LLC.

Well location, UTE TRIBAL #10-2-15-20, located as shown in the NW 1/4 SE 1/4 of Section 2, T15S, R20E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK (59 WF) LOCATED IN THE NW 1/4 OF SECTION 10, T15S, R20E, S.L.B.&M. TAKEN FROM THE FLAT ROCK MESA 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 AS BEING 7449 FEET.

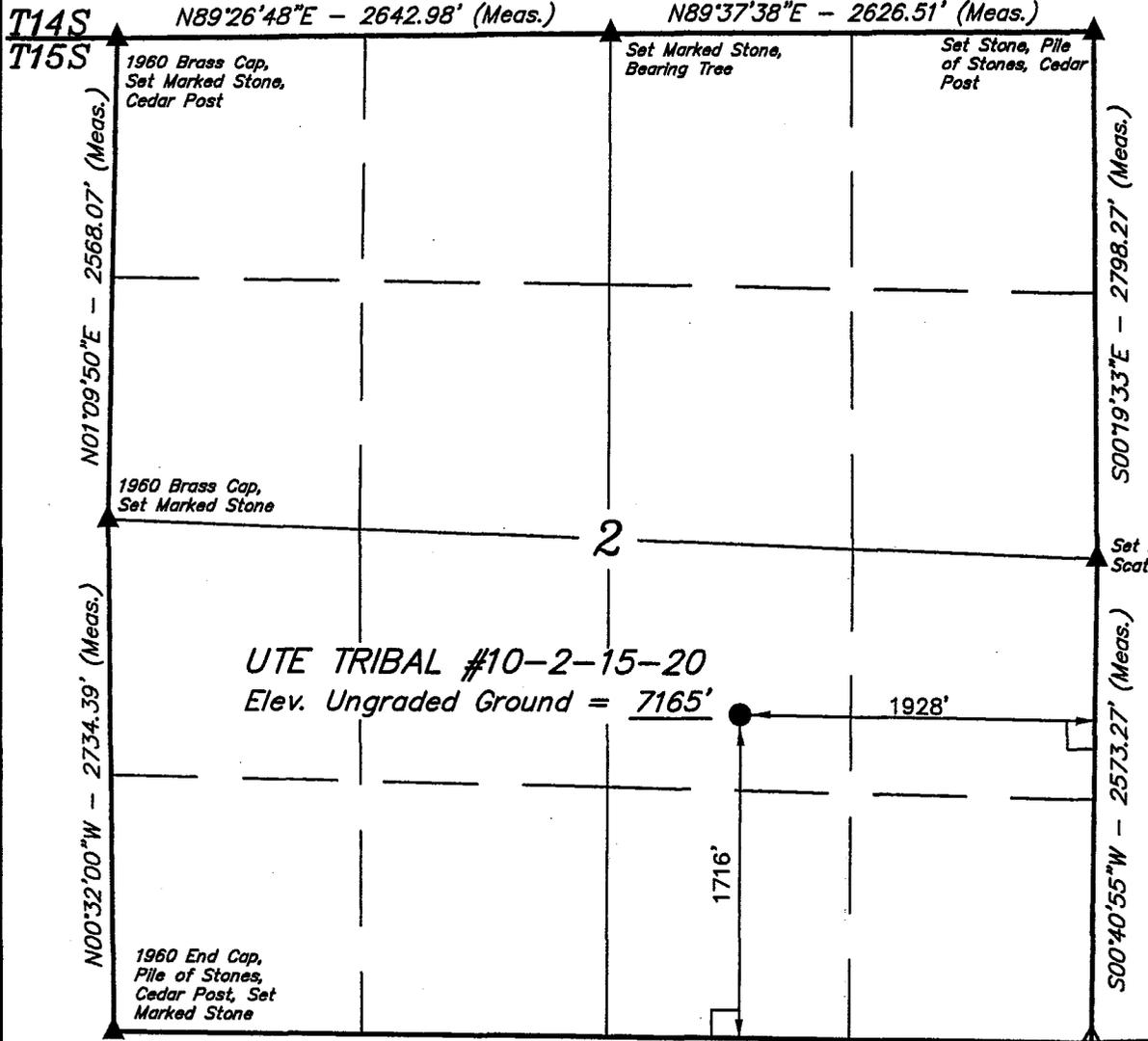


CERTIFICATE

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.

ROBERT L. DYER
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH

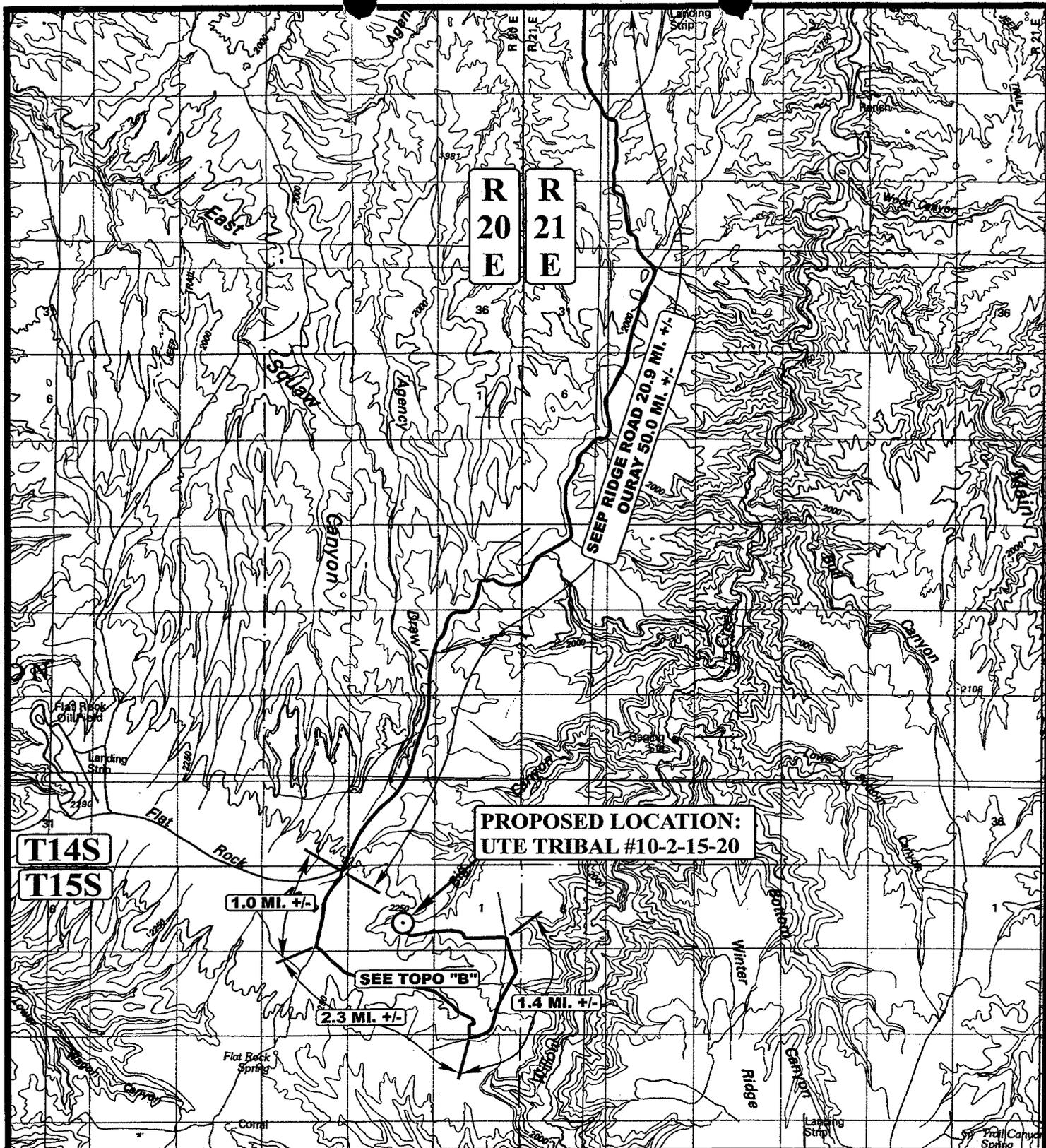
N 1/4 Cor. Sec. 12
 N88°19'29"E
 2630.62' (Meas.)
 Set Marked Stone



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

- LEGEND:**
- └─┘ = 90° SYMBOL (NAD 83)
 - = PROPOSED WELL HEAD. LATITUDE = 39°32'19.97" (39.538881)
 - ▲ = SECTION CORNERS LOCATED. LONGITUDE = 109°38'37.88" (109.643856)
 - △ = SECTION CORNER RE-ESTABLISHED USING DOUBLE PROPORTION METHOD. (NOT SET ON GROUND)
- SE Cor. Sec. 11
Set Marked Stone

UINTAH ENGINEERING & LAND SURVEYING 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 03-16-04	DATE DRAWN: 04-01-04
PARTY J.W. C.H. D.R.B.		
WEATHER COOL		
REFERENCES G.L.O. PLAT		
FILE MILLER, DYER & CO. LLC		



R 20 E
R 21 E

S.E.P. RIDGE ROAD 20.9 MI. +/-
OURAY 50.0 MI. +/-

PROPOSED LOCATION:
UTE TRIBAL #10-2-15-20

T14S
T15S

1.0 MI. +/-

SEE TOPO "B"

2.3 MI. +/-

1.4 MI. +/-

LEGEND:

○ PROPOSED LOCATION



MILLER, DYER & CO. LLC

UTE TRIBAL #10-2-15-20
SECTION 2, T15S, R20E, S.L.B.&M.
1716' FSL 1928' FEL



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

TOPOGRAPHIC MAP
03 22 04
MONTH DAY YEAR
SCALE: 1:100,000 DRAWN BY: P.M. REVISED: 00-00-00



001

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

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(highlight changes)

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NAME (PLEASE PRINT) John E. Dyer TITLE Operations Manager

SIGNATURE *John E. Dyer* DATE 4/5/2004

(This space for State use only)

API NUMBER ASSIGNED: 43-047-35635

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 04-15-04

By: *[Signature]*

RECEIVED

APR 07 2004

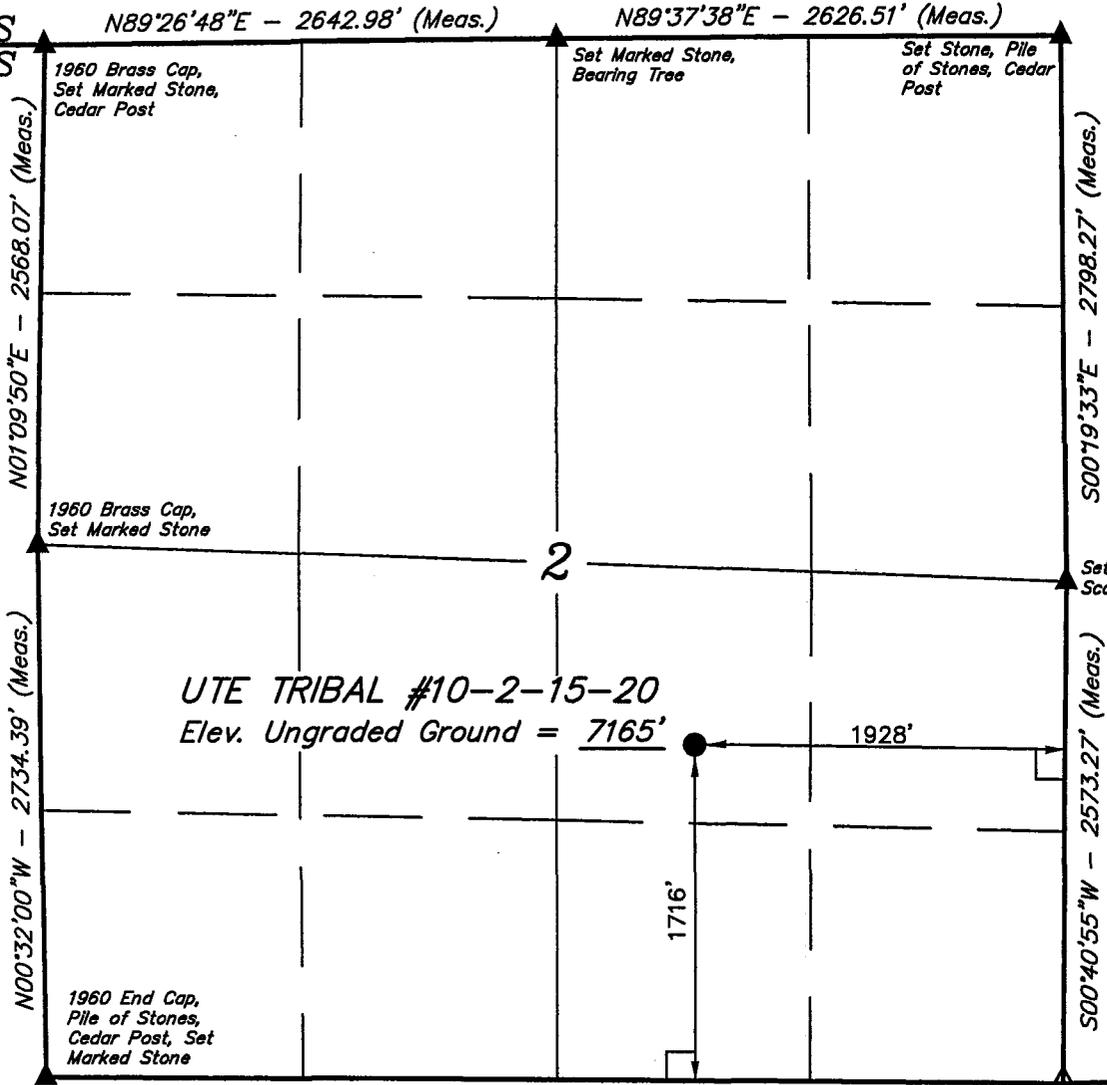
DIV. OF OIL, GAS & MINING

T15S, R20E, S.L.B.&M.

MILLER, DYER & CO. LLC.

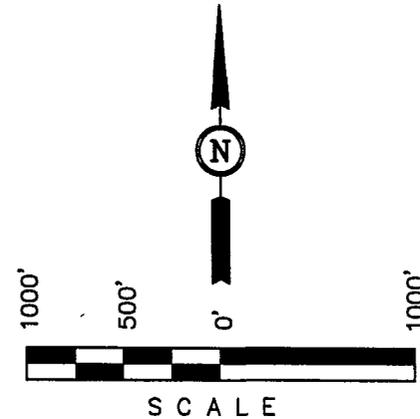
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T14S
T15S



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Robert J. Dyer
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH

N89°42'30"W - 5281.38' (Meas.)

BASIS OF BEARINGS

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

Section Corner
 Re-Established by
 Double Proportion
 Method

LEGEND:

- └─┘ = 90° SYMBOL
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PARTY J.W. C.H. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE MILLER, DYER & CO. LLC	

**DRILLING PLAN
MILLER, DYER & CO. LLC**

**Ute Tribal #10-2-15-20
NWSE Section 2 T15S-R20E**

1.

<u>Estimated Formation Tops:</u>	<u>MD</u>	
Green River	Surface	
Wasatch	2,242'	Oil and/or gas anticipated > 3,000'
Mesaverde	4,200'	Gas
Castlegate Sandstone	6,024'	Gas
Mancos Shale	6,324'	Gas
Dakota Sandstone	10,137'	Gas
Cedar Mountain	10,235'	Gas
Morrison	10,404'	Gas
Curtis	11,128'	Gas
Entrada Sandstone	11,156'	Gas
Carmel	11,251'	Gas
Wingate	11,542'	Gas
Chinle	11,868'	Gas
TD	12,500	

2. Miller, Dyer & CO. LLC's Minimum Specification for Pressure Control Equipment and Testing:
- a. 5,000 PSI WP Double Gate Blowout Preventer with Annular Preventer (schematic diagram attached)
 - b. BOPE will be pressure tested upon installation, whenever a seal subject to test pressure is broken or repairs are made; and at least once a every 30 days. Chart recorders shall be used for all pressure tests. Ram-type preventers and related pressure control equipment will be pressure tested to the rated working pressure of the stack assembly if a test plug is used. If a test plug is not used, the stack assembly will be tested to the rated working pressure of the stack assembly or to 70% of the minimum internal yield pressure of the casing, whichever is less. Annular-type preventers will be pressure tested to 50% of rated working pressure.
 - c. All casing strings will be pressure tested to 0.22 psi/ft or 1,500 psi, whichever is greater, prior to drilling plug after cementing. Test pressure not to exceed 70% of the internal yield pressure for the casing.
 - d. Miller Dyer will comply with all requirements for well control specified in BLM Onshore Order #2.

3. Auxiliary Equipment:
 - a. Kelly cock – Yes
 - b. Float sub at bit – No
 - c. Mud logger & instrumentation – Yes
 - d. Full-opening safety valve on rig floor – Yes
 - e. Rotating head – No

4. Casing Program:

	Setting Depth	Hole Size	Casing O.D.	Grade	Weight/Ft.
Conductor	40'	20"	16"	Contactor	0.250" wall
Surface	1500	12-1/4"	9-5/8"	K-55	36.00# (new)
Production	0'-12,500' MD	7-7/8"	5-1/2"	HCP-110	17# (new)

- Subject to review on the basis of actual conditions encountered. Production casing depth will be adjusted based on results.

5. Cement Program:

Conductor: 0'-40'
Ready Mix to surface

Surface Casing: 0'-2,300'

FLUID SPECIFICATIONS

Spacer 50.0 bbls Claytreat Water + 2 gpt Claytreat 3C @ 8.34 ppg

FLUID	VOLUME CU-FT	VOLUME FACTOR	AMOUNT AND TYPE OF CEMENT
Lead Slurry	878	/ 2.3	= 382 sacks Premium Lite II Cement + 0.25% bwoc Cello Flake + 2 lbs/sack Kol Seal + 8% bwoc Bentonite + 2% bwoc Calcium Chloride + 0.5% bwoc Sodium Metasilicate + 124.1% Fresh Water
Tail Slurry	581	/ 1.16	= 502 sacks Class G Cement + 1% bwoc Calcium Chloride + 0.25 lbs/sack Cello Flake + 44.3% Fresh Water
Displacement			174.7 bbls Fresh Water @ 8.34 ppg
Top-Out Slurry	115	/ 1.15	= 100 sacks Class G Cement

CEMENT PROPERTIES

	SLURRY NO. 1	SLURRY NO. 2	SLURRY NO. 3
Slurry Weight (ppg)	12.00	15.80	15.80
Slurry Yield (cf/sack)	2.30	1.16	1.15
Amount of Mix Water (gps)	12.95	4.99	5.00
Estimated Pumping Time - 70 BC (HH:MM)	5:00	2:30	

Slurry design subject to change pending lab testing.

Production Casing: 0'-12,500' (MD)

FLUID SPECIFICATIONS

STAGE NO.: 1

Spacer				30.0 bbls Ultra Flush II @ 10 ppg
FLUID	VOLUME CU-FT	VOLUME FACTOR	AMOUNT AND TYPE OF CEMENT	
Cement Slurry	978	/ 3.1	= 316 sacks Premium Lite II High Strength + 0.4% bwoc R-3 + 0.4% bwoc CD-32 + 0.5% bwoc FL-52 + 35% bwoc Silica Flour + 166% Fresh Water	
Displacement			82.7 bbls Claytreat Water @ 8.34 ppg	
Displacement			202.0 bbls Drilling Mud @ 9.5 ppg	
CEMENT PROPERTIES				
SLURRY NO. 1				
Slurry Weight (ppg)			12.00	
Slurry Yield (cf/sack)			3.10	
Amount of Mix Water (gps)			17.32	
Estimated Pumping Time - 70 BC (HH:MM)			4:00	
COMPRESSIVE STRENGTH				
24 hrs @ 250 ° F (psi)			1500	

STAGE NO.: 2

Spacer				20.0 bbls Ultra Flush II @ 10 ppg
FLUID	VOLUME CU-FT	VOLUME FACTOR	AMOUNT AND TYPE OF CEMENT	
Lead Slurry	1011	/ 3.46	= 292 sacks Premium Lite II Cement + 3% bwoc Potassium Chloride + 0.25% bwoc Cello Flake + 0.5% bwoc Sodium Metasilicate + 10% bwoc Bentonite + 5 lbs/sack CSE + 205% Fresh Water	
Tail Slurry	1250	/ 2.41	= 519 sacks Premium Lite II High Strength + 0.3% bwoc R-3 + 0.3% bwoc CD-32 + 0.4% bwoc FL-52 + 0.2% bwoc Sodium Metasilicate + 130.1% Fresh Water	
Displacement			202.3 bbls Fresh Water @ 8.34 ppg	
CEMENT PROPERTIES				
SLURRY NO. 1 SLURRY NO. 2				
Slurry Weight (ppg)			11.00	12.00
Slurry Yield (cf/sack)			3.46	2.41
Amount of Mix Water (gps)			21.38	13.57
Estimated Pumping Time - 70 BC (HH:MM)			5:00	4:00

Actual cement volumes will be based on caliper log calculations and drilling experience.

6. Testing, Logging, Coring:
 - a. Drill stem tests – non anticipated
 - b. Electric logs - DIL/SP/GR, FDC/CNL/CAL/PE/GR, BHC sonic/GR all from TD to surface
 - c. Coring – possible sidewall coring in the Dakota, Cedar Mountain, Morrison and Entrada.

7. Drilling Fluids:
 - a. Surface hole will be drilled with air and produced water saved in pit for mud drilling.
 - b. Well will be drilled with a low solids non-dispersed mud. In the event of severe lost circulation, the mud may be aerated. *Max MW. expected is 9.5 ppg*

8. Abnormal Pressures and Hazards:
 - a. No abnormal pressures or hydrogen sulfide are anticipated based on drilling to similar depths in the Flat Rock Field, approximately 3.5 miles to the northwest. The Del-Rio/Orion 29-7A produced a 36-hour shut-in pressure of 3,100 psi and a calculated formation pore pressure of approximately 4,000 psi at 11,700'.

0.3 psi pressure gradient + 4000psi expected BHA
JamDyer 4/14/04

**DRILLING PLAN
MILLER, DYER & CO. LLC**

**Ute Tribal #10-2-15-20
NWSE Section 2 T15S-R20E**

*See amended
Drilling Plan
4/14/04 DKO*

1.

<u>Estimated Formation Tops:</u>	<u>MD</u>	
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3. Auxiliary Equipment:

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- b. Float sub at bit – No
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- e. Rotating head – No

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Production	0'-12,500' MD	7-7/8"	5-1/2"	HCP-110	17# (new)

- Subject to review on the basis of actual conditions encountered. Production casing depth will be adjusted based on results.

5. Cement Program:

Conductor: 0'-40'
Ready Mix to surface

Surface Casing: 0'-2,200'
Lead: 250 sx HiFill w/0.125 pps Poly-E-Flake

Tail: 200 sx Premium AG 300 (Class G) w/2% CaCl & 0.125 ps Poly-E-Flake

100% excess volume.

Will top with down 1" pipe with 50 sx Premium Top Out cement, if needed.

Cement Characteristics:

Lead

yield = 3.12 cu ft per sk

Slurry weight = 11.6 ppg

Compressive strength = 500 psi (24 hrs @ 80 degrees F)

Production Casing: 0'-12,500' (MD)

Lead: 440 sx 50:50 Pozmix w/5 pps Silicalite, 0.3% Diacel LWL, 20% SSA-1, 1.5% Zonesealant 2000, 0.2% Vensaset, foamed to 9 ppg w/nitrogen

*See amended
Drilling plan
4/14/04
DWD*

Tail: 260 sx 50:50 Pozmix w/5 pps Silicalite, 0.3% Diacel LWL,
20% SSA-1, 1.5% Zonesealant 2000, 0.2% Vensaset, not foamed

Shoe: 10 sx 50:50 Pozmix w/5 pps Silicalite, 0.3% Diacel LWL,
20% SSA-1, 1.5% Zonesealant 2000, 0.2% Vensaset, not foamed

4% excess

Cement Characteristics:

yield = 1.47 cu ft per sk

Slurry weight (not foamed) = 14.3 ppg

Slurry weight (foamed) = 9.0 & 11.0 ppg

Compressive strength = 1,125 psi (24 hrs @ 140 degrees F = 1,500 psi)
(7 days @ 140 degrees F)

*see amendment
Drilling Plan 11/14/04
DVED*

Actual cement volumes will be based on caliper log calculations and drilling experience.

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7. Drilling Fluids:

- a. Surface hole will be drilled with air and produced water saved in pit for mud drilling.
- b. Well will be drilled with a low solids non-dispersed mud. In the event of severe lost circulation, the mud may be aerated.

8. Abnormal Pressures and Hazards:

- a. No abnormal pressures or hydrogen sulfide are anticipated based on drilling to similar depths in the Flat Rock Field, approximately 3.5 miles to the northwest. The Del-Rio/Orion 29-7A produced a 36-hour shut-in pressure of 3,100 psi and a calculated formation pore pressure of approximately 4,000 psi at 11,700'.

*0.3 psi pressure gradient
4000psi expected BHP*

**SURFACE USE PLAN
MILLER, DYER & CO. LLC**

**Ute Tribal #10-2-15-20
NWSE Section 2 T15S-R20E**

1. Existing Roads:
 - a. Topographic Map "A" shows the vicinity of the well, including a portion of the Agency Draw Road. This road is reached from Ouray, Utah, by following the Seep Ridge Road south to Buck Canyon; taking the Buck Canyon road west to the Willow Creek Road; then north on the Willow Creek Road to Santio Crossing, which is at the junction of the Willow Creek Road and the Agency Draw Road.
 - b. Topographic Map "B" shows the point approximately 51 miles south of Ouray where the access road to the well departs from the Agency Draw Road 1 mile south of the Flat Rock Mesa Road. Beyond this point the access road consists of 5 miles of existing lease road leading to the Ute Tribal 10-2-15-20 location, and 0.1 mile of new road branching off this road just before it reaches the 10-2-15-20 location.

2. Planned Access Road: (refer to Topographic Map "D")
 - a. Length of new road will be approximately 0.1 mile.
 - b. The right-of-way width is 30' (15' on either side of the centerline) with a 20-foot wide running surface.
 - c. Maximum grade will be less than 2%
 - d. No turn-outs are planned.
 - e. The new road will be crowned, ditched and dipped to provide adequate drainage.
 - f. Culverts will be used if necessary.
 - g. No gates or cattle guards will be needed. Nor will any existing facilities be modified.
 - h. The proposed road was flagged when the location was staked.
 - i. The authorized officer will be contacted at least 24 hours in advance of commencement of construction of the access road and well pad.

3. Location of Existing Wells:
 - a. The nearest producing well is the North Hill Creek 6-11-15-20, located approximately 3275' south of the proposed well location in Section 11-T15S-R20E.

4. Location of Existing and/or Proposed Facilities:
 - a. There are no existing facilities on the proposed well pad. All proposed facilities will be contained within the proposed location site (see attached "Location Layout"). Topographic Map "D" shows the proposed route for a gas line, to be co-located in the access road right-of-way, and connected to the Miller, Dyer & Co. LLC gathering system.

- b. The operator will submit information concerning proposed on and off well pad facilities once production has been established by applying for approval of subsequent operations.
5. Location and Type of Water Supply:
- a. Some produced water from existing wells will be used for drilling. Fresh water will be taken at a point of diversion at Santio Crossing from Willow Creek in the SESE Section 29-T12S-R21E, SLB&M, if available during the drought. This water will be taken under the terms of the Ute Oilfield Water Service's state filing.
 - b. Water will be transported by truck on the Agency Draw and Flat rock Mesa roads.
 - c. A water supply well, to be located in the SESE Section 3-T15S-R20E has recently been approved by the Ute Indian Tribe due to the unreliability of surface water sources during the drought. It is not clear, at present, whether water will be available from this source in time for this well. If it is, it will be used.
6. Source of Construction Materials:
- a. It is anticipated that any construction materials will be needed for the drilling phase of this project. Gravel, shale or road base materials needed to upgrade access roads and well pad will be obtained from the operator's pit located on SITLA land near Chimney Rock.
 - b. The entire well site and all access roads to be upgraded for built are located on lands held in trust by the federal government for the Ute Indian Tribe.
 - c. All construction materials used in building the well pad and access road will be native materials accumulated during construction. In the event that additional materials are needed, they will be obtained from the operator's existing pit on SILTA land or from private sources.
7. Methods for Handling Waste Disposal:
- a. Drill cuttings will be buried in the reserve pit.
 - b. Sewage waste will be contained in portable chemical toilets serviced by a commercial sanitary service.
 - c. Garbage and trash will be contained in trash baskets and hauled to a sanitary landfill.
 - d. Salt and chemicals will be kept in proper containers and salvaged for future use or disposed of at an approved facility.
 - e. Drilling fluids will be contained in the reserve pit and mud tanks. To the extent possible, drilling fluids and water will be saved for use at future drilling locations. Unusable drilling fluids and water will be disposed of in an approved manner upon the completion of the well.
 - f. The reserve pit will be lined with 12 mil plastic nylon reinforced liner installed over sufficient bedding material to cover any exposed rocks. The pit will be fenced on three sides with 39" net wire, topped with a minimum of one strand of barbed wire. All wire will be stretched prior to

attachment to the corner posts. The fourth side will be fenced when drilling activities are completed to allow drying.

8. Ancillary Facilities:
 - a. No airstrips will be built. Mobile living quarters and office facilities for supervisors, geologists, mud engineers, mud loggers and air compressor personnel will be confined to the drilling location as shown on the "Location Layout" diagram. The drilling crew will be housed on location.
9. Well Site Layout:
 - a. Refer to attached "Typical Cross Section" diagram for cuts and fills and relation to topography.
 - b. Refer to "Location Layout" diagram for location of mud tanks, reserve and flare pits, pipe racks, living facilities and top soil stockpiles.
 - c. Refer to "Location Layout" diagram for rig orientation, access road and parking area. Parking area will be in the northeast corner of the location.
10. Plans for Restoration of the Surface:
 - a. Producing well location
 - i. Immediately upon well completion the location and surrounding area will be cleared of all tubing, equipment, debris, materials, trash and junk not required for production.
 - ii. Immediately upon well completion any hydrocarbons on the reserve pit will be removed and disposed of properly.
 - iii. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days of the date of well completion, or as soon thereafter as is practical. Before any dirt work takes place, the reserve pit must be completely dry and all cans, barrels, pipe, etc removed. The liner will be perforated and torn prior to backfilling.
 - iv. Access roads will be graded and maintained to prevent erosion and accommodate year-round traffic.
 - v. All disturbed areas not needed for operations will be seeded with the mixture required by the BIA in the manner specified by the BIA.
 - b. Dry Hole/Abandoned Location
 - i. At such time as it is determined that the well is to be plugged and abandoned, the operator will submit a subsequent report of abandonment to the BLM and the BIA. The BLM will attach plugging conditions of approval, and the BIA will attach conditions of approval for the restoration of the surface.
11. Surface Ownership:
 - a. Access roads and location are held in trust for the Ute Indian Tribe by the United States. The operator has obtained a right-of-way with the BIA and

submitted payment for damages as specified in its Exploration and Development Agreement with the Ute Indian Tribe.

12. Additional Information:

- a. The operator will inform all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and will inform the assigned monitor and the authorized officer (AO) at the BIA. Within five working days the AO will inform the operator as to:
 - i. Whether the materials appear to be eligible for the National Register of Historic Places;
 - ii. The mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and
 - iii. A time frame for the AO to complete an expedited review under 36 CFR 900.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.
- b. If the operator wishes at any time to relocate activities to avoid the cost of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will be allowed to resume construction.
- c. At the request of the Ute Indian Tribe, a 30'-wide fire break will be bladed around the perimeter of the location.

13. Lessee's or Operator's Representative and Certification:

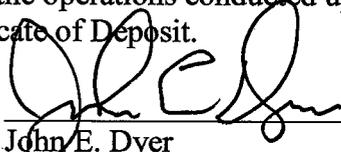
- a. John E. Dyer, Manger of Operations
Miller, Dyer & Co. LLC
475 17th Street, Suite 420
Denver, CO 80202
Office: 303 292 0949 Ext 103
FAX: 303 292 3901
Cell: 303 898 4430
Email: john@millerdyer.com

I hereby certify that I have inspected the proposed drill site and access road; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Miller, Dyer & Co. LLC, and its

contractors and subcontractors in conformity with the plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Please be advised that Miller, Dyer & Co. LLC is considered to be the operator of the Ute Tribal #10-2-15-20 well; NWSE of Section 2, T15S-R20E and all producing zones; Uintah County, Utah; and is responsible for the operations conducted upon the leased lands. Bond coverage is provided by Certificate of Deposit.

4/5/04
Date



John E. Dyer
Operations Manager

The onsite inspection for this well was conducted on 3/22, 2004.

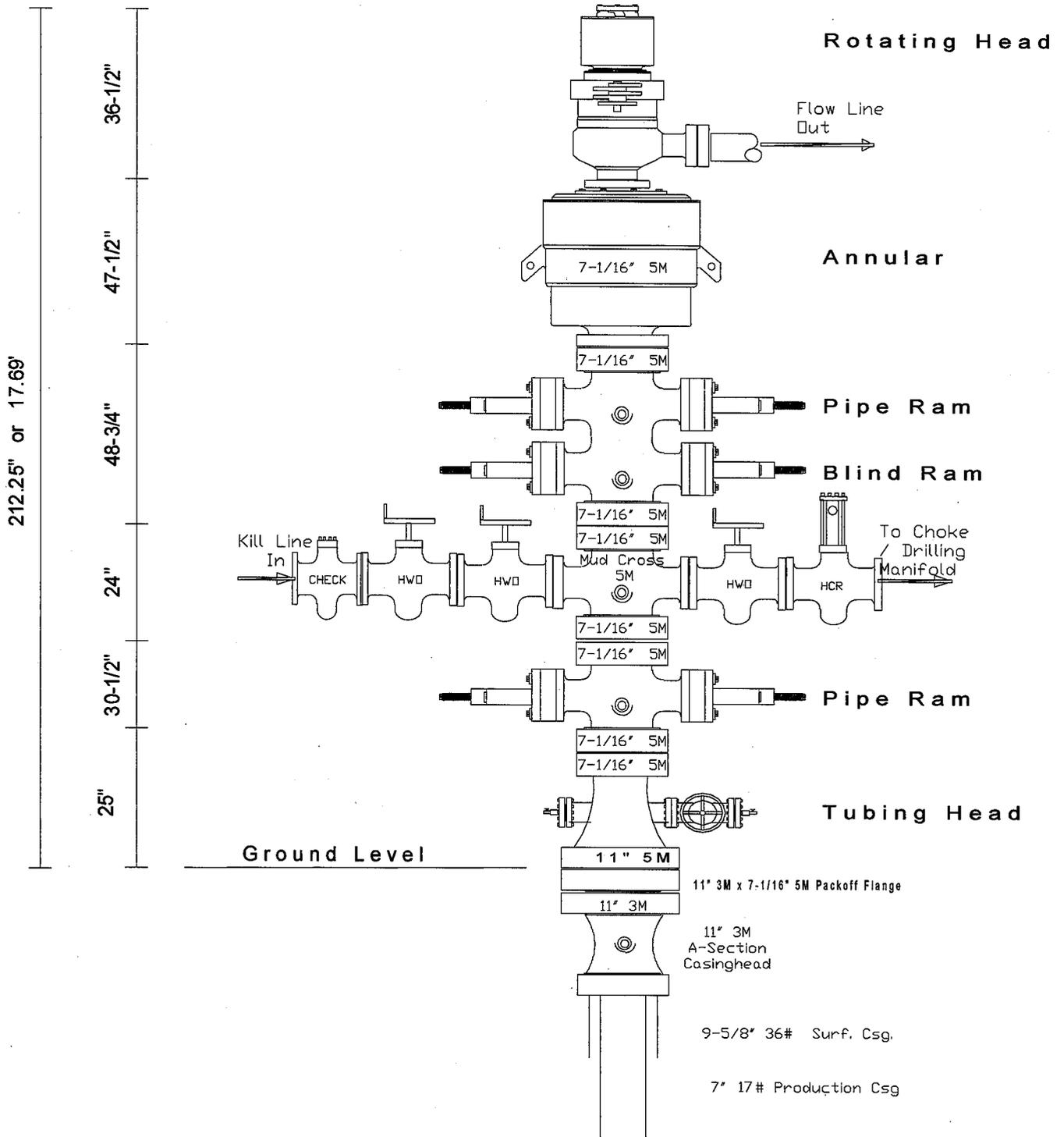
Participants in the onsite inspection were:

Robert Kay, Uintah Engineering & Land Surveying

John E. Dyer, Miller, Dyer & Co. LLC

- Ute Indian Tribe
- Ute Indian Tribe
- (contractor....)
- BIA rep
- State of Utah rep

UTE TRIBAL #10-2-15-20 Typical BOP Stack Configuration



DESIGNATION OF AGENT OR OPERATOR

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

LEASE NAME: Shaw Resources Limited LLC

LEASE NUMBER: ML-46842

and hereby designates

NAME: Miller, Dyer & Co. LLC

ADDRESS: 475 17th Street, Suite 420

city Denver state CO zip 80202

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

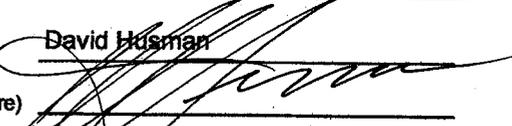
(Describe acreage to which this designation is applicable. Identify each oil and gas well by API number and name. Attach additional pages as needed.)
Township 15 South, Range 20 East, SLM
Section 2: All
Uintah County, UT
640.80 acres m/l

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

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

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

Effective Date of Designation: 02/01/2004

BY: (Name) David Husman
(Signature) 
(Title) President
(Phone) (303) 292-0949

Shaw Resources Limited, LLC
d/b/a Orion Resources, *
OF: (Company) _____
(Address) 475 17th Street, Ste 420
city Denver
state Co zip 80202

*By Energy Management Services, LLC, Its Manager, By Energy Management Services, Inc., Its Manager, c/o Miller, Dyer & Co. LLC

MILLER, DYER & CO. LLC
UTE TRIBAL #10-2-15-20
ROAD RIGHT-OF-WAY & SURFACE USE AREA
SECTION 2, T15S, R20E, S.L.B.&M.

TOTAL CORRIDOR RIGHT-OF-WAY ON UTE TRIBAL LANDS

TOTAL LENGTH OF RIGHT-OF-WAY IS 496.73' OR 0.094 MILES. WIDTH OF RIGHT-OF-WAY IS 30' (15' PERPENDICULAR ON EACH SIDE OF THE CENTERLINE). CONTAINS 0.342 ACRES MORE OR LESS.

ENGINEER'S AFFIDAVIT

STATE OF UTAH)
COUNTY OF UTAH) SS

ROBERT L. KAY, BEING FIRST DULY SWORN DEPOSES AND STATES THAT HE IS THE REGISTERED LAND SURVEYOR, FOR MILLER, DYER & CO. LLC, THAT THESE SURVEYS WERE MADE BY HIM (OR UNDER HIS SUPERVISION); THAT HE HAS EXAMINED THE FIELD NOTES OF THE SURVEYS OF THE SURFACE USE AREA AND CORRIDOR RIGHT-OF-WAY AS DESCRIBED AND SHOWN ON THIS MAP, THAT THIS MAP WAS PREPARED UNDER HIS DIRECTION FROM SAID FIELD NOTES; AND THAT SAID RIGHT-OF-WAY, 0.094 MILES IN LENGTH BEGINNING AND ENDING AS SHOWN ON THIS MAP IS ACCURATELY REPRESENTED.

Robert L. Kay
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

ACKNOWLEDGEMENT

SUBSCRIBED AND SWORN BEFORE ME THIS 2 DAY OF April 2004.

MY COMMISSION EXPIRES Aug 17, 2006

Healy D. Healy
NOTARY PUBLIC
VERNAL, UTAH

APPLICANT'S CERTIFICATE

I, John E. Dyce, DO HEREBY CERTIFY THAT I AM THE AGENT FOR MILLER, DYER & CO. LLC, HEREINAFTER DESIGNATED THE APPLICANT; THAT ROBERT L. KAY WHO SUBSCRIBED TO THE FOREGOING AFFIDAVIT, IS EMPLOYED BY THE APPLICANT AS A LAND SURVEYOR AND THAT HE WAS DIRECTED BY THE APPLICANT TO SURVEY THE LOCATION OF THIS SURFACE USE AREA AND CORRIDOR RIGHT-OF-WAY, 0.094 MILES IN LENGTH BEGINNING AT STA. 0+00 AND ENDING AT STA. 4+96.73, THAT SAID SURFACE USE AREA AND CORRIDOR RIGHT-OF-WAY ARE ACCURATELY REPRESENTED ON THIS MAP; THAT SUCH SURVEY AS REPRESENTED ON THIS MAP HAS BEEN ADOPTED BY THE APPLICANT AS THE DEFINITE LOCATION OF THE RIGHT-OF-WAY THEREBY SHOWN; AND THAT THE MAP HAS BEEN PREPARED TO BE FILED WITH THE SECRETARY OF THE INTERIOR OR HIS DULY AUTHORIZED REPRESENTATIVE AS PART OF THE APPLICATION FOR SAID RIGHT-OF-WAY TO BE GRANTED THE APPLICANT, ITS SUCCESSORS AND ASSIGNS, WITH THE RIGHT TO CONSTRUCT, MAINTAIN, AND REPAIR IMPROVEMENTS, THEREON AND THEREOVER, FOR SUCH PURPOSES, AND WITH THE FURTHER RIGHT IN THE APPLICANT, ITS SUCCESSORS AND ASSIGNS TO TRANSFER THIS RIGHT-OF-WAY BY ASSIGNMENT, GRANT, OR OTHERWISE.

John E. Dyce
APPLICANT

MEMBER
TITLE

Sec. 2

1/4 Section Line

Set Marked Stone,
Scattered Stones

MILLER, DYER & CO. LLC

**LOCATION SURFACE USE AREA
& CORRIDOR RIGHT-OF-WAY
ON UTE TRIBAL LANDS**

(For UTE TRIBAL #10-2-15-20)

LOCATED IN
SECTION 2, T15S, R20E, S.L.B.&M.
UINTAH COUNTY, UTAH

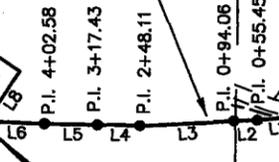
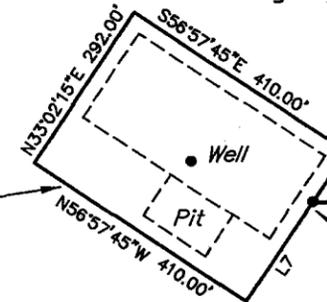
1/4 Section Line

Ute
Tribal

Ute
Tribal

Centerline of Proposed
Corridor Right-of-Way

SURFACE USE AREA
UTE TRIBAL #10-2-15-20
Contains 2.748 Acres



BEGINNING OF PROPOSED
CORRIDOR RIGHT-OF-WAY
STA. 0+00
(At Existing Road)

END OF PROPOSED
CORRIDOR RIGHT-OF-WAY
STA. 4+96.73
(At Edge of Surface Use Area)

SE 1/4

1/16 Section Line

Section Line

500°40'55\"/>

NOTE:

BEGINNING STA. 0+00 BEARS S54°03'22\"/>

ENDING STA. 4+96.73 BEARS S62°21'53\"/>

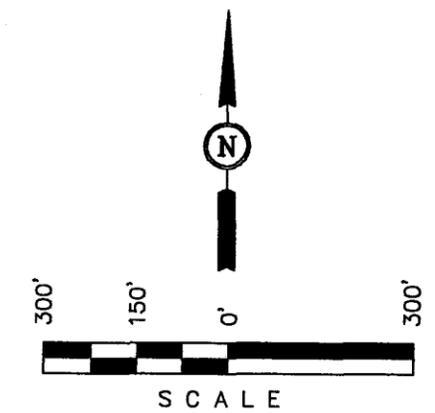
CORRIDOR RIGHT-OF-WAY DESCRIPTION

A 30' WIDE RIGHT-OF-WAY 15' ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE.

BEGINNING AT A POINT IN THE NE 1/4 SE 1/4 OF SECTION 2, T15S, R20E, S.L.B.&M. WHICH BEARS S54°03'22\"/>

LINE TABLE		
LINE	BEARING	LENGTH
L1	S84°13'42\"/>	55.45'
L2	S88°01'58\"/>	38.61'
L3	S87°05'36\"/>	154.05'
L4	N88°39'39\"/>	69.32'
L5	N89°20'28\"/>	85.15'
L6	N87°58'36\"/>	94.15'
L7	S33°02'15\"/>	194.50'
L8	S33°02'15\"/>	97.50'

RIGHT-OF-WAY LENGTHS			
PROPERTY OWNER	FEET	ACRES	RODS
UTE TRIBAL	496.73'	0.342	30.10



SURFACE USE AREA DESCRIPTION

BEGINNING AT A POINT IN THE NW 1/4 SE 1/4 OF SECTION 2, T15S, R20E, S.L.B.&M. WHICH BEARS S62°21'53\"/>

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.

ROBERT L. MILLER
REGISTERED LAND SURVEYOR
REGISTRATION NO. 1319
STATE OF UTAH

N88°19'29\"/>

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

SCALE 1" = 500'	DATE 04-02-04
PARTY J.W. C.H. D.R.B.	REFERENCES G.L.O. PLAT
WEATHER COOL	FILE 4 3 3 8 0

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

▲ = SECTION CORNERS LOCATED.

SW Cor Sec 10
1960 End Cap,
Pile of Stones,
Cedar Post, Set
Marked Stone

N89°42'30\"/>

Section Corner
Re-Established by
Double Proportion
Method

SE Cor. Sec. 11
Set Marked Stone

500°43'40\"/>

MILLER, DYER & CO. LLC

UTE TRIBAL #10-2-15-20

LOCATED IN UINTAH COUNTY, UTAH
SECTION 2, T15S, R20E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



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

LOCATION PHOTOS

03 22 04
MONTH DAY YEAR

PHOTO

TAKEN BY: J.W.

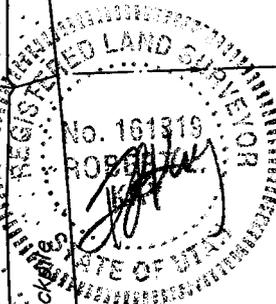
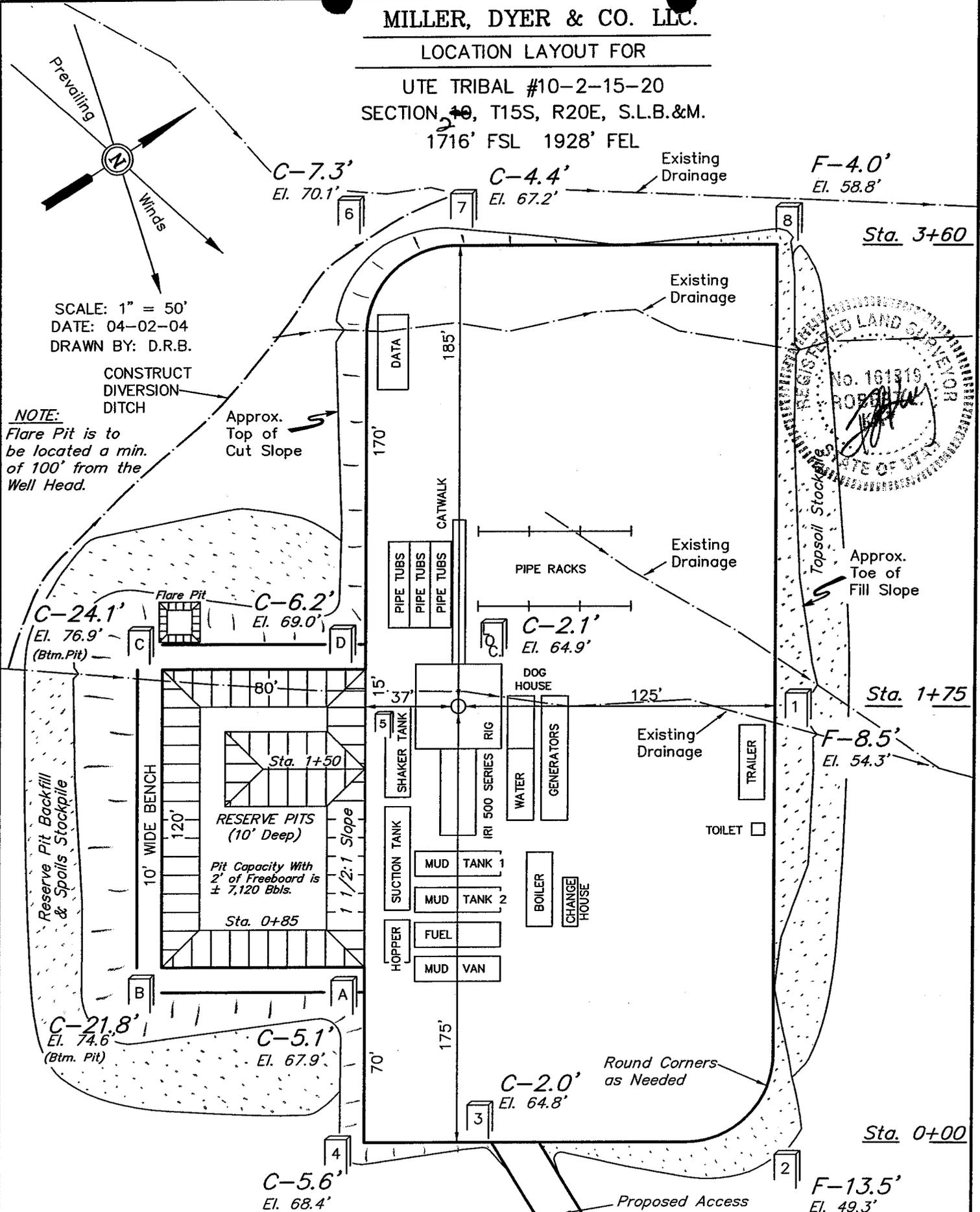
DRAWN BY: P.M.

REVISED: 00-00-00

MILLER, DYER & CO. LLC.

LOCATION LAYOUT FOR

UTE TRIBAL #10-2-15-20
 SECTION 10, T15S, R20E, S.L.B.&M.
 1716' FSL 1928' FEL



SCALE: 1" = 50'
 DATE: 04-02-04
 DRAWN BY: D.R.B.

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

Elev. Ungraded Ground at Location Stake = 7164.9'
 Elev. Graded Ground at Location Stake = 7162.8'

MILLER, DYER & CO. LLC.

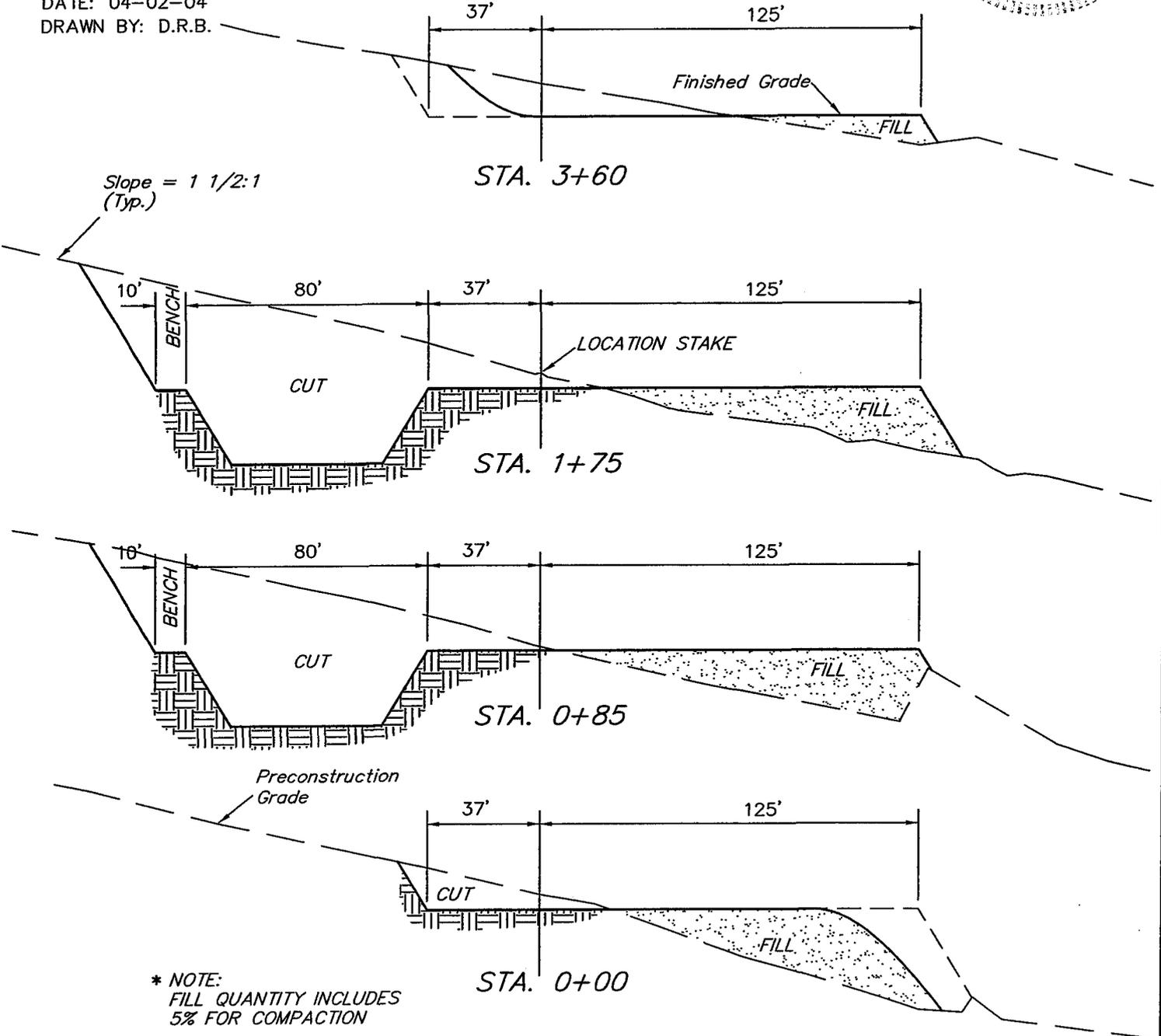
TYPICAL CROSS SECTIONS FOR

UTE TRIBAL #10-2-15-20
SECTION 10, T15S, R20E, S.L.B.&M.
1716' FSL 1928' FEL



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

DATE: 04-02-04
DRAWN BY: D.R.B.



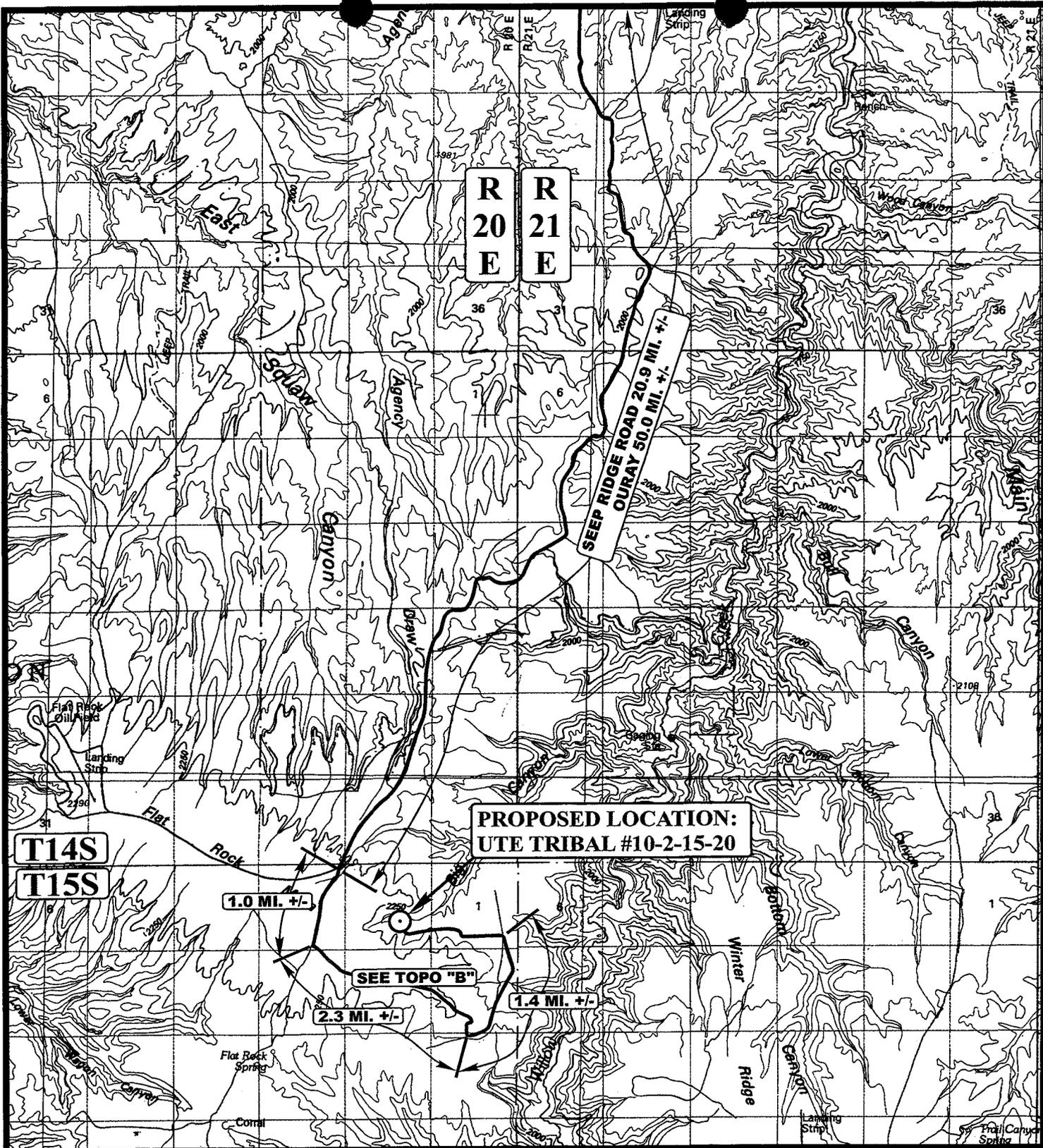
* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(12") Topsoil Stripping	= 3,280 Cu. Yds.
Remaining Location	= 9,390 Cu. Yds.
TOTAL CUT	= 12,670 CU.YDS.
FILL	= 8,220 CU.YDS.

EXCESS MATERIAL	= 4,450 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 4,450 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.

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



**PROPOSED LOCATION:
UTE TRIBAL #10-2-15-20**

**T14S
T15S**

**R
20
E** **R
21
E**

LEGEND:

○ PROPOSED LOCATION



MILLER, DYER & CO. LLC

**UTE TRIBAL #10-2-15-20
SECTION 2, T15S, R20E, S.L.B.&M.
1716' FSL 1928' FEL**



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

**TOPOGRAPHIC
MAP**

03 22 04
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: P.M. REVISED: 00-00-00



SEEP RIDGE ROAD 20.9 MI. +/-
OURAY 50.0 MI. +/-

T14S

T15S

PROPOSED LOCATION:
UTE TRIBAL #10-2-15-20

PROPOSED ACCESS 0.1 MI. +/-

1.0 MI. +/-

1.3 MI. +/-

2.3 MI. +/-

1.4 MI. +/-

LEGEND:

- EXISTING ROAD
- - - PROPOSED ACCESS ROAD

U E L S
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MILLER, DYER & CO. LLC

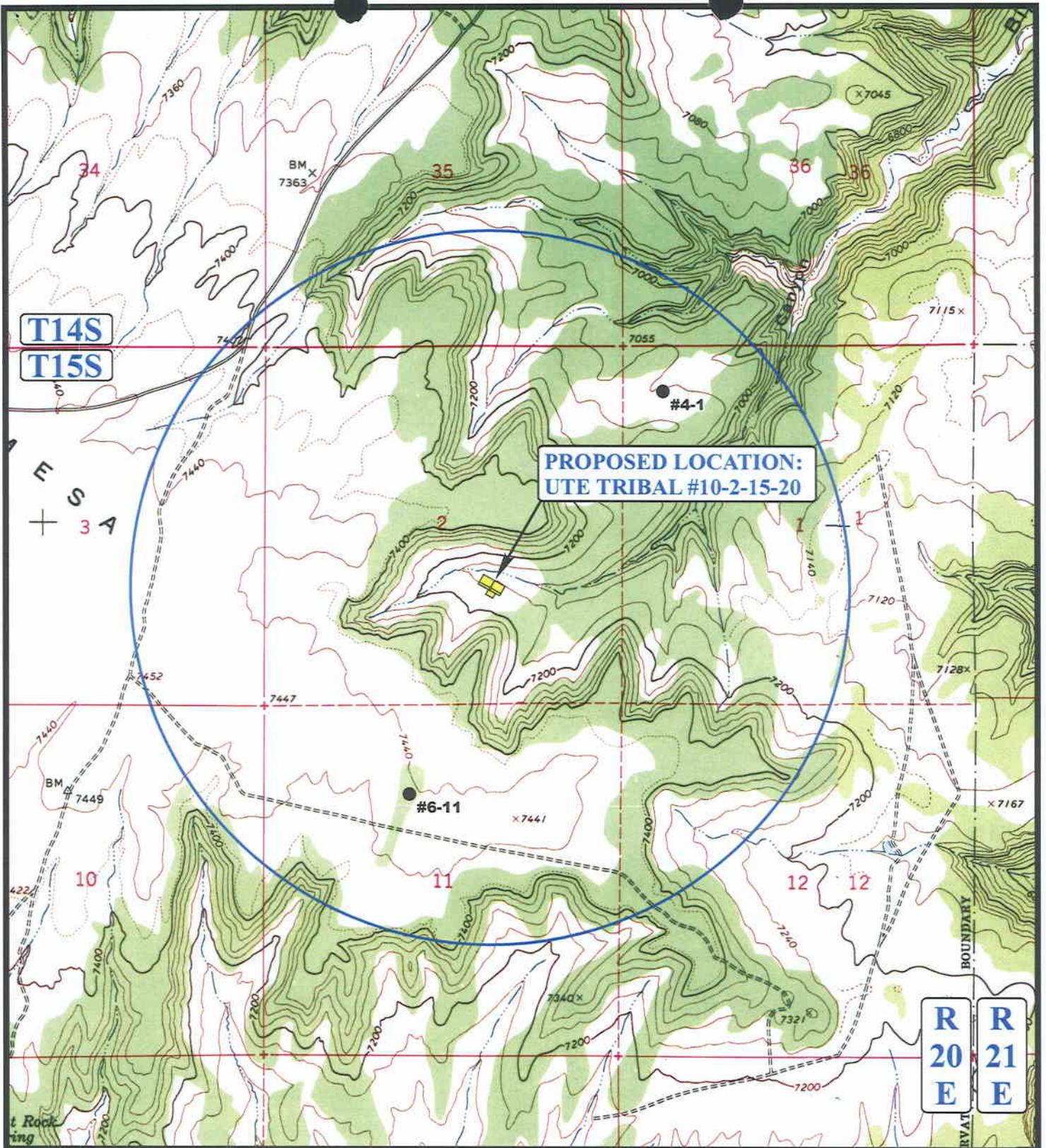
UTE TRIBAL #10-2-15-20
SECTION 2, T15S, R20E, S.L.B.&M.
1716' FSL 1928' FEL



TOPOGRAPHIC MAP 03 22 04
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00

R
20
E

R
21
E



**PROPOSED LOCATION:
UTE TRIBAL #10-2-15-20**

LEGEND:

- | | |
|-------------------|-------------------------|
| ⊗ DISPOSAL WELLS | ⊗ WATER WELLS |
| ● PRODUCING WELLS | ● ABANDONED WELLS |
| ● SHUT IN WELLS | ● TEMPORARILY ABANDONED |



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 85 South 200 East Vernal, Utah 84078
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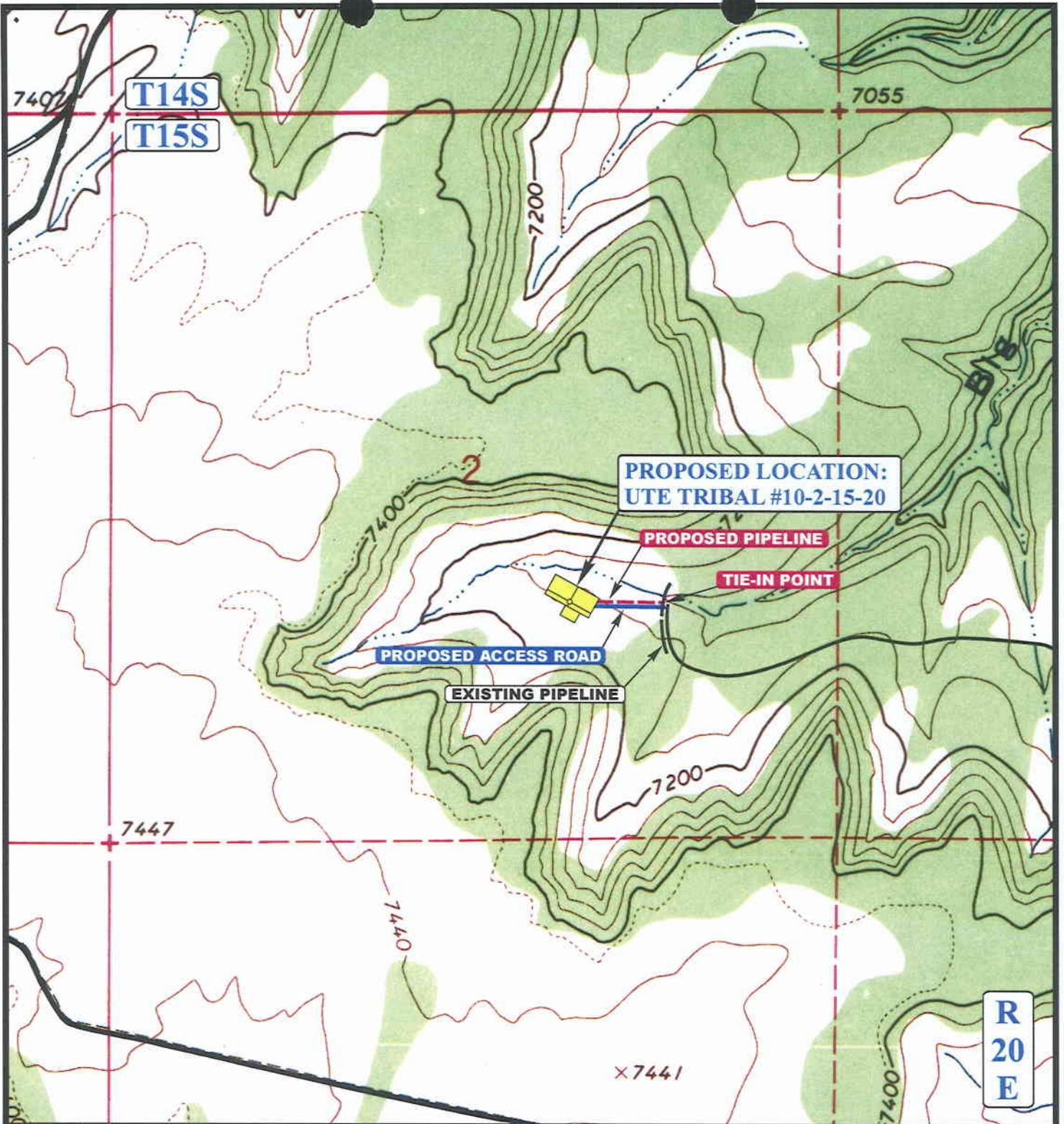
MILLER, DYER & CO. LLC

UTE TRIBAL #10-2-15-20
SECTION 2, T15S, R20E, S.L.B.&M.
1716' FSL 1928' FEL

TOPOGRAPHIC
MAP

03 22 04
 MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00





APPROXIMATE TOTAL PIPELINE DISTANCE = 525' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- - - - - EXISTING PIPELINE
- - - - - PROPOSED PIPELINE

MILLER, DYER & CO. LLC

UTE TRIBAL #10-2-15-20
SECTION 2, T15S, R20E, S.L.B.&M.
1716' FSL 1928' FEL



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

TOPOGRAPHIC 03 22 04
MAP MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: P.M. REVISED: 00-00-00



WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/07/2004

API NO. ASSIGNED: 43-047-35625

WELL NAME: UTE TRIBAL 10-2-15-20
OPERATOR: MILLER DYER RES LLC (N2110)
CONTACT: JOHN DYER

PHONE NUMBER: 303-292-0949

PROPOSED LOCATION:

NWSE 02 150S 200E
SURFACE: 1716 FSL 1928 FEL
BOTTOM: 1716 FSL 1928 FEL
UINTAH
WILDCAT (1)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DKD	4/14/04
Geology		
Surface		

LEASE TYPE: 3 - State
LEASE NUMBER: ML-46842
SURFACE OWNER: 2 - Indian
PROPOSED FORMATION: WINGT
COALBED METHANE WELL? NO

LATITUDE: 39.53911
LONGITUDE: 109.64324

RECEIVED AND/OR REVIEWED:

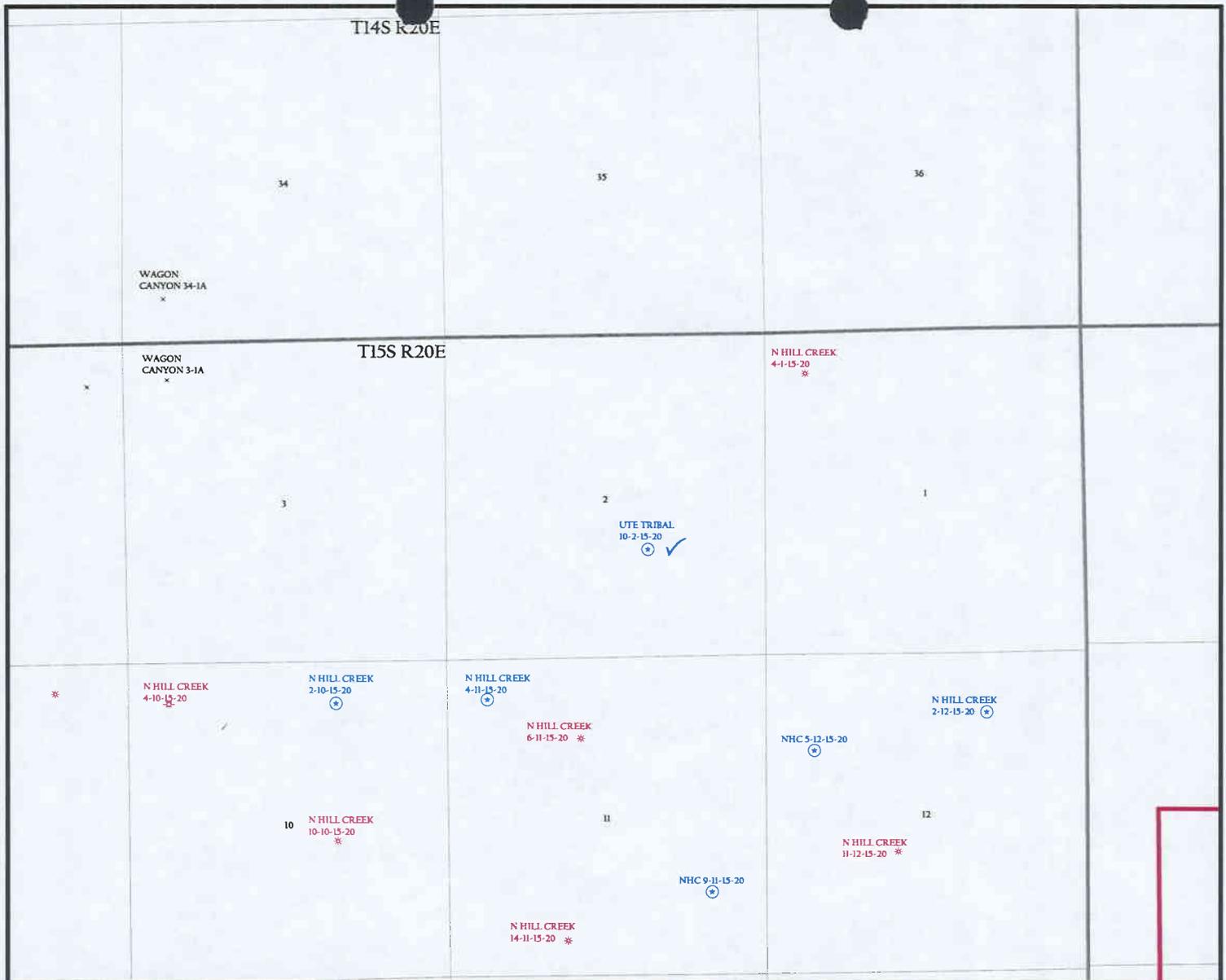
- Plat
- Bond: Fed[] Ind[] Sta[3] Fee[]
(No. Letter of Bond (cash))
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 49-11667)
- RDCC Review (Y/N)
(Date: 04/24/2004)
- Fee Surf Agreement (Y/N)

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 Strip
2- STATEMENT OF BASIS



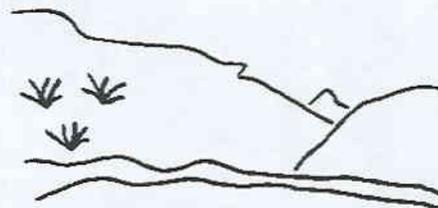
OPERATOR: MILLER, DYER & CO LP (N2110)

SEC. 2 T.15S, R.20E

FIELD: WILDCAT (001)

COUNTY: UINTAH

SPACING: R649-3-3 / EXCEPTION LOCATION



Utah Oil Gas and Mining

Well Status

- ♣ GAS INJECTION
- * GAS STORAGE
- x 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

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHEML
- PP OIL
- SECONDARY
- TERMINATED

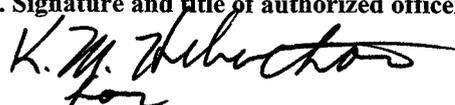
Field Status

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED



PREPARED BY: DIANA WHITNEY
DATE: 9-APRIL-2004

STATE ACTIONS
Governor's Office of Planning and Budget
Resource Development Coordinating Committee
P.O. Box 145610
1594 W. North Temple, Suite 3710
SLC, UT 84114-5610
538-5535

1. Administering State Agency Oil, Gas and Mining 1594 West North Temple, Suite 1210 Salt Lake City, UT 84114-5801	2. Approximate date project will start: Upon Approval or June 1, 2004
3. Areawide clearinghouse(s) receiving state action: (to be sent out by agency in block 1) Uintah Basin Association of Governments	
4. Type of action: // Lease /X/ Permit // License // Land Acquisition // Land Sale // Land Exchange // Other _____	
5. Title of proposed action: Application for Permit to Drill	
6. Description: Miller, Dyer & Company, LLC proposes to drill the Ute Tribal #10-2-15-20 well (wildcat) on a State lease ML-46842, Uintah County, Utah. This action is being presented to the RDCC for consideration of resource issues affecting state interests. The Division of Oil, Gas and Mining is the primary administrative agency in this action and must issue approval before operations commence.	
7. Land affected (site location map required) (indicate county) – include UTM coordinates where possible 1928' FEL 1716' FSL NW/4, SE/4, Section 2, Township 15 S, Range 20 E, Uintah County, Utah	
8. Jordan River Natural Areas Forum review – If the proposed action affects lands within the Jordan River Natural Areas Corridor. N/A	
9. Has the local government(s) been contacted? No If yes, a. How was contact made? b. Who was contacted? c. What was the response? d. If no response, how is the local government(s) likely to be impacted?	
10. Possible significant impacts likely to occur: Degree of impact is based on the discovery of oil or gas in commercial quantities.	
11. Name and phone of district representative from your agency near project site, if applicable: N/A	
12. For further information, contact: Diana Whitney Phone: (801) 538-5312	13. Signature and title of authorized officer  John R. Baza, Associate Director Date: April 9, 2004

From: Ed Bonner
To: Whitney, Diana
Date: 4/12/2004 4:22:03 PM
Subject: Re: Miller, Dyer & Co. Lp lease and bond

ML 46842 is in the name of Shaw Resources Limited LLC
Miller, Dyer & Co have submitted \$80,000 cash to be held as surety

MILLER, DYER & Co. LLC

475 SEVENTEENTH STREET, SUITE 420

DENVER, COLORADO 80202

TELEPHONE: 303-292-0949

FACSIMILE: 303-292-3901

April 12, 2004

Via: FAX (801) 359 3940

Ms Diana Whitney
Division of Oil, Gas and Mining
P O Box 145801
Salt Lake City, UT 84114-5801

RE: Exception Location to Drill
Ute Tribal 10-2-15-20
Section 2, T15S R20E
ML-46842
Uintah County, Utah

Dear Ms Whitney:

Miller, Dyer & Co. LLC, as Operator, is proposing to drill and has made application with the Division of Oil, Gas and Mining ("DOGGM") for a permit to drill the following well:

Ute Tribal #10-2-15-20

Location: 1968' FEL, 1716' FSL, (NWSE) Section 2, T15S R20E, Uintah County, Utah

Lease: ML-46842; Record Title Owner - Shaw Resources Limited, LLC

Designated Operator: Miller, Dyer & Co. LLC (Designation on file with DOGM & SITLA)

Pursuant to Rule R649-3-3, Miller, Dyer & Co. LLC is making application and seeking DOGM's administrative authority to grant an exception to the locating and siting requirements for this well.

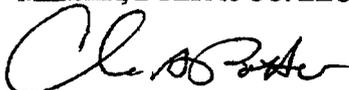
The Ute Tribal #10-2-15-20 well is approximately 64' outside of the 200' drilling tolerance from the center of the 40-acre drilling unit designated as the NWSE of Section 2. The present location of this well as surveyed and staked is the best optimum location to avoid excessive surface disturbance, cuts and fills in and near the well site.

Shaw Resources Limited, LLC is the owner within a 460-foot radius of the proposed well location and is the owner of directly and diagonally offsetting drilling units of the proposed well location.

Miller-Dyer and Shaw Resources Limited, LLC respectfully requests an administrative approval by the division of an exception location for the well referenced above.

Yours truly,

MILLER, DYER & CO. LLC



Chris A Potter

RECEIVED

APR 12 2004

DIV. OF OIL, GAS & MINING

MILLER, DYER & CO. LLC

475 SEVENTEENTH STREET, SUITE 420

DENVER, COLORADO 80202

TELEPHONE: 303-292-0949

FACSIMILE: 303-292-3901

April 5, 2004

Via: FAX (801) 359 3940

Ms Diana Whitney
Division of Oil, Gas and Mining
1594 West North Temple, Ste 1210
Salt Lake City, UT 84114-5801

RE: Application to Drill
Ute Tribal 10-2-15-20
Section 2, T15S R20E
ML-46842
Uintah County, Utah

Dear Ms Whitney:

Miller, Dyer & Co. LLC has sent to Mr. Ed Bonner with the Trust Lands Administration, a copy of the archaeology report prepared by James Truesdale that covers section 2 referenced above. We have provided you with a copy of the letter that was sent to Mr. Bonner by overnight mail today.

Also, please note that the following water permit information:

Ute Oilfield Water Permit

Location: Willow Creek – 150' north, 700' west of SE corner of Section 29
Township 12 South, Range 21 East
Uintah County

Water Right Number: 49-1667

Application Number: T74534

Yours truly,

MILLER, DYER & CO. LLC



Chris A Potter

RECEIVED**APR 12 2004**

DIV. OF OIL, GAS & MINING

MILLER, DYER & CO. LLC

475 SEVENTEENTH STREET, SUITE 420

DENVER, COLORADO 80202

TELEPHONE: 303-292-0949

FACSIMILE: 303-292-3901

April 12, 2004

Sent: Fed Ex Overnight Delivery

Mr. Ed Bonner
Utah Trust Lands Administration
675 East 500 South, Suite 500
Salt Lake City, Utah 84102-2818

RE: Ute Tribal #10-2-15-20
Truesdale Archaeology Report
Section 2, T15S R20E
ML-46842
Uintah County, Utah

Dear Mr. Bonner:

On April 5th we sent to Diana Whitney, Division of Oil, Gas and Mining ("DOGM") our application to drill the Ute Tribal #10-2-15-20 well with a location in the NWSE of Section 2, T15S R20E.

Recently, we have been asked by Diana Whitney (DOGM) to provide you with a copy of the archaeology report that was prepared by James A Truesdale that not only covers this section 2 but other lands as well. A copy is attached. The Minerals are owned by the State of Utah. The Ute Indian Tribe of the Uintah and Ouray Reservation owns the surface.

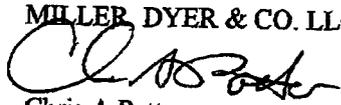
The Ute Tribe and BIA have indicated to us their acceptance of this Truesdale Report as adequate and sufficient in surveying and identifying cultural resources over the area and specifically this section in which we are applying for a permit to drill.

Miller-Dyer is under pressure to keep a rig that is capable of drilling our proposed well. We are working with DOGM, Ute Tribe and the BIA to fast track our application and permits. If during the 14-day process for the Trust Lands approval, you can determine acceptance and approval sooner, then please advise this office as soon as possible. Miller-Dyer has a shorter window to work with due to the small window that the rig is available to Miller-Dyer.

Please call the undersigned at (303) 292 0940 #109 or John Dyer at (303) 292 0949 #103 if you have any questions or need any additional information.

Yours truly,

MILLER, DYER & CO. LLC


Chris A Potter

Cc: Diana Whitney - DOGM

RECEIVED

APR 12 2004

DIV. OF OIL, GAS & MINING

FAX COVER SHEET

Miller, Dyer & Co. LLC
475 17th Street, Suite 420
Denver, CO 80202
303-292-0949, Fax #303-292-3901

DATE: April 13, 2004
TO: Diana Whitney - for immediate delivery
COMPANY: DOGM
FAX NUMBER: 801 359 3940
FROM: Chris A Potter Ext 109
NUMBER OF PAGES (INCLUDING COVER SHEET): 32

ARCH SURVEY - for the Ute Tribal #10-2-15-20.....

Thanks!!

RECEIVED

APR 13 2004

DIV. OF OIL, GAS & MINING

If you do not receive all pages or there is a problem with this transmission, please call our office number. The information contained in this transmission is confidential and only intended for the person(s) it addresses.

A PRELIMINARY REPORT
AS OF 10/10/2000

North Hill Creek Seismic Project:
Flat Rock Mesa,
Uintah-Ouray Ute Reservation,
Uintah County, Utah

By
James A. Truesdale

James A. Truesdale
Principle Investigator

Prepared For
Wind River Resources Corporation
Route 3 Box 3010
Roosevelt, Utah
84066

Prepared By
AN INDEPENDENT ARCHAEOLOGIST
P.O.Box 153
Laramie, Wyoming
82073

Utah Project # U-00-AY-0547(b,i)

October 11, 2000

Introduction

An Independent Archaeologist (AIA) was contacted by Marc T. Eckels a representative of Wind River Resource Corp. to conduct a cultural resources survey and inventory for the North Hill Creek Seismic Project. The project area covers Flat Rock Mesa (Figure 1) and approximately 21,488.64 acres. The investigations to date (10/10/2000) include all or portions of sections 25 and 36 of T14S R19E; sections 19,20,27,26,31,33,34,35,36 of T14S R20E; section 1 of T15S R19E; sections 2,3,4,5,6,8,9,10,11,12,16 and 17 of T15S R20E; section 71 of T15S R21E (Figure 1). The land is administered by Uintah-Ouray Ute tribe, Fort Duchesne, Utah. However, the minerals are managed in areas by the State of Utah, the Bureau of Land Management Vernal District Office and Uintah-Ouray Ute Reservation and the Northern Ute tribe. As of 10/10/2000 a total of 8985.00 acres have been surveyed under Utah Project number U-00-AY-547(b,i). Fieldwork was authorized through an access permit issued by the Energy and Minerals Resource Division of the Uintah-Ouray Ute tribe. The field work was conducted between October 1 and 31,2000 by AIA archaeologist(s) James Truesdale, Tammy Truesdale, Dan Bach, and accompanied by Alvin Ignacio (technician, Energy and Minerals Resource Division, Uintah-Ouray Ute tribe). All the field notes and maps are located in the AIA office in Laramie, Wyoming.

File Search

A file search was conducted at the Office by the Utah State Historical Society, Antiquities Section, Records Division on July 13, 1998. Three sites (42UN2383, 42UN2570 and 42UN2571) has been previously recorded in the area. These sites were recorded by AIA under Utah projects U-96-AY-649(i) and U-98-AY-362(b,i).

Site 42UN2383 is a historic oil drilling location and campsite dating to the 1920's (Truesdale 1996). The site is considered to be eligible for nomination to the National Register of Historic Places. Eight additional projects (U-97-AY-345(i) through 351 and U-98-AY-202(i) were previously conducted by AIA. These projects did not identify any additional historic properties.

The development of Flat Rock Mesa oil field represents a part of a revolutionary development in the American economy. As coal was the dominant fuel of the nineteenth century, so oil became the dominant fuel of the twentieth century. The commercial uses for oil in the United States began in the early nineteenth century. During this period oil was used primarily as a fuel for lamps and as a medicine. Throughout the twentieth century the most widespread use of oil coincided with the development of the internal combustion engine. The first half of the twentieth century saw the automobile and the airplane transformed from a novelty to a virtual necessity. By the time that the Flat Iron Mesa drilling began oil was replacing coal as the pre-eminent fuel for factories, powerplants, and the majority of the nation's homes and businesses.

When oil was found in a salt well, it was usually allowed to flow into nearby creeks or rivers. Some small amounts were bottled as Senaca oil, but most was simply discarded.

The presence of oil in salt brine wells indicated that large amounts of oil was available in the eastern United States, but only a fraction of it could be utilized. One possible new use for oil was to fuel lamps. The most widely used lamp fuel in the first half of the 1800s was whale oil, but by the middle of the nineteenth century, the number of whales was becoming depleted. Experiments with crude oil as a source of fuel for lamps were conducted as early as 1819. While the lamp produced light, it also produced an excessive amount of smoke and a strong odor (Boatright and Owens 1970:2). This first experiment was a failure but work continued. A Scotsman named James Young in 1847 developed a method to refine crude oil to produce a marketable lamp oil. Over the next several years Young's process was improved upon as was the design and efficiency of oil lamps. Interest in oil as an illuminant was further heightened by a report prepared by Benjamin Silliman Jr., a professor of chemistry at Yale University. His report indicated that petroleum and petroleum distillates held considerable commercial promise as a fuel for lamps.

By 1855 all the necessary elements for a successful commercial oil drilling venture had come together. The demand for oil as an illuminant was potentially far greater than the need for Senaca oil medicine. The technology for drilling wells as deep as 1500 to 2000 feet was developed by the salt brine drillers and could easily be transferred to drilling oil wells. The emerging science of chemistry led to the development of means to refine and distill the crude oil into useful forms. Finally, the Silliman report provided incentives to drill for oil by describing the commercial promise of crude oil and its derivatives.

The first well to be drilled specifically for oil was drilled along Oil Creek in western Pennsylvania in the summer of 1859. Using drilling equipment and technology derived from salt drillers, Edwin Drake's well struck oil at slightly less than 70 feet below the surface. Drake's modest well, producing at most 35 barrels of oil per day, heralded the beginnings of a boom which rivaled the California Gold Rush 10 years earlier. So many wells would be drilled along Oil Creek and other areas that by 1861 the price of oil would tumble from \$20 per barrel to \$.10 (Knowles 1983:7).

This proliferation of wells was the result of legal provisions governing the ownership and leasing of subsurface oil deposits. The legal provisions determining the ownership of oil deposits were known as the Rule of Capture. Legal precedent for the Rule of Capture is found in the rulings of English courts in the 1840s. It was first applied to oil deposits by the Pennsylvania state courts in 1875. In essence, the Rule of Capture states that a landowner or lessee of land from which oil is being removed could not claim an indefensible right to the oil as that would prevent an adjoining landowner from making use of the oil under his land. It was

impossible to know at the time what portion of the oil was present under any given parcel of land. Therefore, it was ruled that each landowner be given "all that lies beneath his surface" and that he "should be quite free to dig at his will and pleasure" (Williamson and Daum 1959:758). The Rule of Capture resulted in a stampede of drilling as landowners and lessees rushed to drill as many wells as possible in order to get the greatest share of oil. This process was strengthened by the court's interpretations of contemporary leasing practices.

Leasing practices were of particular importance during most of the nineteenth century because a majority of the land on which wells were drilled were privately owned. In 1890, 80% of all oil property was leased (Williamson and Daum 1959:760). The early leases weighed in favor of the landowner. The lease stipulated that drilling had to be conducted with due diligence or the lease would be lost through forfeiture. After 1874, drillers could pay a delay rental in order to put off immediate drilling. However, when conflicts arose over the pace of drilling, the courts often sided with the landowners ruling that immediate and exhaustive exploitation was intended in the lease even if it was not clearly stated. Also, that forfeiture for non-development or delay was essential to private and public interests due to the fact that the lease was of no value until developed (Williamson and Daum 1959:761). These rulings resulted in the rapid and uncontrolled exploitation of the eastern oil fields. Failure to drill immediately would result in either forfeiture of the lease or loss of oil to completing wells in adjoining properties.

The rapid expansion of oil drilling following the Civil War was matched by the expansion of support facilities such as refineries and transportation routes such as pipelines. The growth of the industry was chaotic. Often amounts of crude oil produced at the wellhead exceeded the capacity for storage, transportation and refining. The result was that oil prices fluctuated wildly. Order was brought to this chaos through the efforts of one man, John D. Rockefeller. Rockefeller entered the oil business as a partner in an oil refinery in Cleveland in 1862. He gained control of the company two years later and proceeded to build it into one of the finest refineries in Cleveland (Williamson and Daum 1959:302). Rockefeller was able to make arrangements with the major railroads of the region for special rates and rebates. Using the advantage gained from these agreements, Rockefeller began to absorb competing refineries first in Cleveland and later across the northeast. While some refiners joined Standard Oil reluctantly, others saw the advantages to be gained by allying themselves with the Rockefeller concerns. Thus, some of Rockefeller's most impeccable foes joined Standard Oil willingly. Standard Oil also began to buy control of pipelines used to transport oil from the well fields to the refineries. By 1878, Standard Oil controlled or had under lease more than 90% of the nations total refining investments. The Standard Oil Trust was created in 1882 in order to organize the many companies bought by Rockefeller into a single, unified whole.

By 1885, Rockefeller had gained almost total control of the refining and transportation of oil in the northeast. Oil producers had little choice but to sell their oil to a Standard Oil agent and foreign and domestic distributors had little choice but to deal with Standard Oil Refineries. The control of refineries and its pipeline network gave Standard Oil considerable influence in determine rates charged by the railroads to transport Standard Oil petroleum products. Rockefeller had brought order to the chaos that was the early American oil industry by establishing almost total domination of it. But the monopoly was not to last. In 1892, the United States Government brought suit against Standard Oil under the provisions of the Sherman Anti-Trust Act. A long and complicated litigation followed, ending in the United States Supreme Court in 1911. The Standard Oil Trust was broken up into 38 separate companies (Boatright and Owens 1970:5). But what truly ended Standard Oil Company's monopoly in the oil industry were the discoveries of immense new oil fields in the American West. These discoveries began at a place called Spindletop near Beaumont, Texas, in January 1901. The twentieth century saw radical changes in the oil industry. The predominant nineteenth century use for oil as an illuminant began to decline as gas and particularly electricity became available to larger and larger areas. Kerosene, the most popular oil derivative for illumination was still solid in large amounts in rural areas where electrification was slow in arriving. But rural sales were not sufficient to prevent a 40% drop in the market for kerosene in the first decade of the twentieth century (Williamson et al. 1963:171).

With the decline of oil as an illuminant, petroleum use shifted to heating and firing boilers. Oil was first use as an energy source in the 1860s in the Pennsylvania oil fields. When the prices were low enough, oil drillers used crude oil from their wells in place of coal and wood to fuel the steam engines powering the drill rigs. Widespread use of fuel oil began in areas where other sources of energy were scarce. California at the turn of the century had large supplies of oil but little coal. Since between three and four barrels of oil could generate the heat equivalent of one ton of coal and with the price of oil at or below \$1 per barrel, fuel oil became an attractive alternative to oil for California railroads and industry where coal was scarce. In other areas of the country use of fuel oil by railroads was growing and by the 1930s such major coal hauling railroads as the Union Pacific and the Baltimore and Ohio would operate steam engines powered by fuel oil. Fuel oil made greater inroads as a fuel for steamships. Oil was both more economical than coal and easier to handle and store. Because of these advantages, the American navy as well as the Merchant marine began to convert ships from coal to oil or build new oil-fired ships. Like the railroads, this process began earlier on the west coast than the east coast. By 1915, the majority of west coast merchant ships were fueled by oil and more and more east coast ships were being converted. The United States navy was also converting many of its capital ships to oil and began setting up oil refueling facilities at a number of North American naval bases.

By far the greatest demand for oil came about as a result of the development of the internal combustion engine. At the end of the nineteenth century, the automobile was novelty. some 3,723 cars, powered not only by gasoline or diesel fuel, but also by electricity and steam, were found in the United States. Twenty years later 1,680,327 automobiles were registered in the United States. In addition, approximately 158,000 tractors were found on American farms (Williamson et al. 1963:192). Mass production and the standardization of parts, coupled with procedures for streamlining the automobile industry by Henry Ford, automobiles became affordable to more individuals and led to this enormous growth in the number of cars. In 1899, approximately 6.2 million barrels of gasoline were produced in this country, primarily as solvents for industrial use. By 1919, 87.5 million barrels of gasoline were produced with 85% being used for cars, trucks, tractors, and motor boats (Williamson 1963:195).

A part of the development of the oil industry in the first two decades of the twentieth century was the result of developing mechanization of the military during World War I. By 1915, access to the large Russian oil fields around the Black Sea were blocked by the Turks who were allies of Germany. As a result, America and Mexico became the largest suppliers of oil to the Allies. Between 1914 and 1917, 77% and 93% of the petroleum imported into England came from the United States and Mexico. By the end of the war, as much as 133 million barrels of oil were shipped across the Atlantic.

The enormous new demands for oil and oil by-products engendered by the development of the internal combustion engine were matched by the discovery of immense pools of oil in the west and southwestern United States. At the end of the nineteenth century, the Appalachian and Lima, Indiana, oil fields still produced more than 92% of the nation's 63.6 million barrel crude oil supply (Williamson et al. 1963:17). Most of these fields, however, had been in production between 15 and 45 years. Exploration had been conducted in the southwest and western states but it was not until January of 1901 when the Lucas gusher at Spindletop, near Beaumont, Texas came in, that anyone realized the vast extent of the oil deposits in this part of the country. The output of wells in the Gulf Coast areas including the Spindletop Field increased from 3.7 million barrels in 1901 to 18 million barrels in 1902. It peaked at 36.5 million barrels in 1905 before it began to decline. With the discovery of the Glenn Pool near 6.4 million barrels to 12.5 million barrels. The region would go on to supply oil production climbed from 63.5 million barrels in 1899 to 378.5 million barrels in 1919. This more than anything else ended Standard Oil's monopoly in business. New companies, including Texaco, Gulf Oil, and Union Oil, were able to rival Standard Oil because of their involvement in these new fields. Standard Oil still controlled the eastern oil fields, but these began to decline in the twentieth century. The Lima, Indiana, field's production which varied between 23 and 36 million barrels per year, but when compared to the phenomenal growth of the Mid-Continental and

California Fields, this became a less and less significant part of the domestic oil output. Standard Oil was eventually able to move into the richer western oil fields, but was slow to do so and as a result lost a significant share of the American market.

As oil drillers moved into the western United States, they began to drill more and more wells on land owned by the federal government. During the nineteenth century, the majority of wells were filled on private land. In order to drill, oil companies had to secure a lease with the landowners. In order to drill on public lands, however, one had to file a claim under the Placer Law. According to the Placer Law, an individual could file a claim on an amount of land ranging in size from 20 to 160 acres. An association of two or more individuals could file claims on 20 acres per person, up to 150 acres. There were no limitations on the number of 160 acre claims on which an individual could file. In order to "prove up" on a claim, \$500 in improvement had to be made as well as a certain amount of annual labor, usually \$100 worth had to be invested in the property (Williamson et al. 1963:55). Finally, the land filed for under the Placer Laws could not be patented until oil was discovered in commercially viable amounts. When all the conditions were fulfilled, the lands were patentable at a price usually set at \$2.50 per acre.

The Placer laws had a number of weaknesses which made it difficult in certain instances for almoign to gain title to their claims. Because a Placer Claim could not be patented until the mineral was discovered, the claim was vulnerable. Whoever found it first could get title to the land. Anyone else working the claim would automatically lose out, no matter how much money and effort that d gone into it. In a number of instances, oil drillers had their lands taken away because someone had filed a claim for some other mineral such as gypsum. In addition, lands filed for under the Placer Laws were considered vacant and open to settlement until the mineral was discovered. This make lands in such areas as California available to people holding military bound warrants, railroad indemnity rights, Forest Lieu rights, and any other government land grant (Williamson et al. 1963:55). Around the turn of the century, the courts closed Placer Claims to entry by people holding many of these rights.

Another problem with the Placer Laws was that the need to find oil to secure a claim led to excessive or hurried drilling. In addition, the small size of the claims led to offset drilling and dummy claims which would later be turned over to the oil companies.

These problems gradually became apparent to the government and in 1920 a new set of laws governing oil development on public lands were adopted. Under these laws, oil companies were allowed to explore for minerals and file claims. The title to the surface rights to the land, however, was reserved by the federal government. The government leased the land to the oil companies with terms that varied according to whether the land was classified as proved or unproved (Williamson et al. 1963:58). Proved land

contained a known geological structure of a producing field. Leases were granted on a maximum of 640 acres to the highest bidder for a period of 20 years. The leasee was required to pay royalties of not less than 12 1/2% and annual rentals of not less than \$1.00 per acre.

Unproved land lacked the geological structure of a producing oil field. A prospecting permit could be granted covering a maximum area of 2560 acres. Drilling had to begin within six months and a well had to be drilled to a depth of 2000 feet within two years. If oil was discovered, the permittee could lease one-fourth of the area covered by the permit for 20 years at 5% royalty and \$1.00 per acre rental. The permittee also had preferential rights to lease the remaining land on the basis of a not less than 12 1/2% royalty.

The growing concern with conservation emerged during the 1920s and 1930s is reflected in certain provisions of the laws. Royalties could be reduced for wells producing less than 15 barrels per day. No wells could be drilled within 20 feet of the lease boundary unless the adjoining lands were privately owned. Finally, drillers could be excused from fulfilling all drilling requirements when market conditions warranted.

Conservation became one of the dominant themes in the oil industry in the 1920s and 1930s. The rule of capture and the nineteenth century leasing provisions and Placer Laws encouraged rapid and extensive exploitation of oil fields. Newly discovered fields would be over-produced, resulting in a glut of oil which would overwhelm available storage and transportation systems and would be in excess of market requirements. Over production also led to plummeting oil prices and poorly managed oil fields would soon be depleted. An example of this process was found in the Gulf Coast oil fields of Texas. In 1904, four years after the oil strike at Spindletop, these fields produced 36.5 million barrels of oil. Nine years later this total had dropped to 8.5 million barrels (Williamson et al. 1963:17). Too many wells had been drilled and the gas pressure needed to bring the oil to the surface had been bled away. It was a goal of those interested in the conservation of oil to prevent such over exploitation. Oil was beginning to be seen as a finite resource of such importance to the American economy that wastage, whether it be caused by excessive drilling or by over production, had to be reduced.

The conservation movement came to the forefront in the early 1920s. Little exploration and drilling had been done during World War I and as a result, a widespread fear arose that domestic oil supplies were becoming depleted. This proved not to be the case as large oil deposits were found in Oklahoma and Texas in the latter portions of the 1920s and early 1930s. However, the fear of an oil shortage led leaders of the oil industry, as well as state and federal government officials to look closely at oil production and technology.

During the 1920s, efforts to limit production to a level not greatly exceeding demand were both voluntary and largely ineffectual. The Republican administrations of Coolidge and Hoover were reluctant to have the federal government interfere with business in a large way. Coolidge did establish the Federal Oil Conservation Board as an advisory committee in 1924. The board's first annual report issued in 1926 held that it was up to the oil companies to regulate themselves and that it was up to the states to enact legislation to ensure the orderly development for oil fields within their borders (Williamson et al. 1963:312). This set the pattern of oil regulation in the 1920's.

The 1920s saw the seeds of the conservation movement planted. It was the 1930s that saw it bear fruit. This was due to a more concerted effort by the oil producing states, oil companies, and the federal government. The early 1930s saw a sharp drop in demand for oil as the Great Depression began to have an impact across the country. While the demand dropped, the supply continued to rise as new fields were discovered in east Texas. Oklahoma and Texas had little success in curbing oil production through the 1920s. But in the early 1930s, their ability to do so was greatly strengthened. Court decisions in Oklahoma in 1930 and Texas in 1931 upheld the power of the states to regulate and prorate oil supply. Continued over production forced both states to declare martial law and send troops to occupy the oil fields. As a result, both state legislatures passed strict new laws governing production quotas and prorating as well as establishing penalties for production in excess of these quotas. These state laws were soon to be further enhanced through action at the federal level.

The federal government's involvement in the issue of oil conservation grew as more and more oil was produced on public lands. It was Hoover who first brought the federal government down squarely on the side of conservation. His administration actively pushed the concept of unitization for oil fields developed on public land. Unitization involved the operation of an oil field as a single unit. Producers would have to coordinate their activities so as to protect the field from waste and overly rapid depletion. This concept of cooperation between producers utilizing a field brought an end to the Rule of Capture and its inherent "every man for himself" philosophy of exploitation. All oil leases on federal lands issued after April of 1931 required a unitized development of a field and strict adherence to all federal and state conservation laws. Thus the federal government not only became involved in oil conservation, it strengthened the states's abilities to regulate oil production on public lands within its borders.

Federal involvement in oil production and regulation was accelerated during the early years of the Roosevelt administration. Oil production and especially the interstate shipment of so-called hot oil, oil produced in excess of prohibitory limits, were included as a part of the provisions of the National Industrial Recovery Act (NIRA) of 1933. The federal government now had a mechanism to control aspects of oil production in a way that

individual states could not. Unfortunately, the methods for determine the presence and amount of hot oil were cumbersome and the enforcement not totally effective. Supporting legislation finally made the system workable even after the demise of the NIRA in 1935. What this federal involvement did as much as anything was to spur the states on to further strengthen their regulatory powers. In 1933, the leading oil producing states ratified the Interstate Compact to conserve oil and gas. The compact was the culmination of a decade of conservation efforts. It provided for the elimination of wasteful practices in the oil fields and the enforcement of each state's oil production restrictions. This along with the federal laws provided the first framework for the regulation and conservation of oil production. It was a compromise between voluntary controls by the industry and control by the federal government. But it led the way towards a more efficient use of the nation's crude oil supply. Something which would be essential for the coming crisis of the Second World War.

Local Oil Development

The twentieth century saw the focus of the American oil industry shift from the eastern states such as Pennsylvania and Ohio to the west. Texas, Oklahoma, Kansas, and California were the first western states to experience large-scale oil development. Utah and specifically the Uintah Basin would not have to wait long before it too began to witness development of its oil resources. In the 1920s oil exploration and production promised to enrich the Moab, Utah community but it was not until 1957 when three oil-producing fields were opened near Moab that something of an oil boom hit the area, a boom that has lasted to the present (Powell 1994:371).

Early work in the oil and gas fields were done by teams of wagons. As could be expected, with so much of the work done by hand, there was a large variety of workers, most of them so-called Boomers. There were teamsters, mule skinnners, takies, rig builders, jar heads (cable tool workers), swivelnecks (rotary hands), and pipeliners. Life must not have been easy. Many workers lived in barracks or tents. Some derricks had small wooden structures built beside the oil rigs to house the men. In addition, some of these camps had cook houses and bunkhouses.

In Uintah Basin commercial oil production was begun in 1948 but was not fully exploited until the 1970s with the increased price of crude oil (Powell 1994:571). However, one of the first attempts at oil exploration and recovery in the Uintah Basin and Uintah County occurred on Flat Rock Mesa. The first drilling was attempted by the Midwest Refining Co. of Casper, Wyoming in February 2, 1922. The Midwest Refining Co. well #1 was drilled 26 feet into the Green River Formation and subsequently abandoned (Hanan and Bell 1949:164; Hanan and Scoville 1955:94). A second well (Utah Refining Co. well #1) was drilled 2150 feet into the Green River Formation on Flat Rock Mesa by the Utah Refining Co in June of 1922 (Hanan and Bell 1949:164; Hanan and Scoville 1955:94).

The oil well drilling camp site recorded (42UN2383) is considered to be associated with this early drilling activity.

42UN2570 consists of a sequence of modern horse corrals and drive lines. The lines corrals and lines consist of piles of juniper and Pinyon pine trees and branches that are staked with some tied together with bailing wire, 1/2 inch steel cable, and drilling rig sucker rods (Truesdale 1998).

Local residents and tribal members indicate that the corrals were originally built in the 1940's and were used through the 1950's. The structures have been scavenged for firewood by sheep herders and ranchers. Portions of the corrals have collapsed. The corrals and drive line fences are considered to be in fair condition. The corrals and drive line fences are not considered to be significant and characteristic of any unique architectural style. The possibility of buried intact cultural materials associated with the corrals and drive line fences is low. Site 42UN2570 is not considered to be eligible for nomination and/or inclusion to the National Register of Historic Places (Truesdale 1998).

Site 42UN2571 is a large low density scatter of chipped and ground stone tools and chipped stone debitage. Chipped stone tools consisted of three bifaces, one chopper and four cores. The groundstone tools at 42UN2571 are represented by one mano and one piece of a sandstone slab metate. One hundred and fifty two pieces of chipped stone debitage were recorded and inventoried. In addition 42UN2571 contains several fire cracked rock scatters. These scatters are situated in the center of the site along the easter boundary of the site and edge of Flat Rock Mesa. No evidence of charcoal and/or charcoal stained sediments were observed in association with these scatters. Eroding slopes and cut banks indicate that sediments are approximately 5 to 15 cm in depth along the edge of the mesa and become thicker 45 to 65 cm in depth further east on the mesa flat. The possibility of buried and intact cultural deposits at 42UN2571 are good. Site 42UN2571 is considered to be eligible for nomination and inclusion to the National Register of Historic Places under criteria (c) (Truesdale 1998).

The file search at the Uintah-Ouray Ute Cultural Resource Protection Office, Bottle Hollow, Ft. Duchesne, Utah discovered that the Flat Rock Mesa area is part of the reservations Hill Creek Extension that has been set aside to "assure preservation of items of cultural, natural, or religious significance for the observation of and partaking therein by future generations of members, such vested sovereignty in the Ute Indian Tribe." The protection of the Hill Creek Extension is provided in Uintah-Ouray Ute Ordinance No. 83-02 and Resolution No. 83-184 (Appendix A and B).

A list of previously drilled wells on Flat Iron Mesa and a map of existing wells in the project area can be found in Appendix C.

Environment

The project area is located physiographically in the southern portion of the Uinta Basin, 40 miles south of Ouray, Utah in the Hill Creek Extension of the Uintah-Ouray Ute Reservation. This area is considered to be along the northwestern edge of the Tavaputs Plateau between Cedar Knolls to the north and Black Knoll to the south. The area is broken and hilly with many deeply incised drainages in the general area. Specifically the project area is approximately two miles east of Hill Creek and three miles west of the head of Agency Draw on top of Flat Rock Mesa. Sediments in and around the project area consist of finely sorted colluvium that may reach a depth of over 1 meter. The project elevation ranges between 7513 and 6780 feet (2290-2067 m).

Vegetation in the project area is characteristic of several plant communities. Low sagebrush and Pinon/Juniper communities are found on the upland plateaus while a riparian community dominates the Hill Creek bottom. Species observed in the low sagebrush community consist of rabbitbrush (Chrysothamnus nauseosus), snakeweed (Gutierrezia sarothrae), Mormon tea (Ephedra nevadensis), wild buckwheat, (Eriogonum ovvalifolium), Indian ricegrass (Oryzopsis hymenoides), cacti (Opuntia polyacantha, O. fragilis, Pediocactus simpsonii), desert globemallow (Sphaeralcea coccinea), cheat grass (Bromus tectorum), peppergrass (Lepidium perfoliatum), Russian thistle (Salsola kali), and sagebrush (Atemesia tridentata).

Species observed within the Pinyon/juniper community consists of Pinyon pine (Pinus Edulis), Utah juniper (Juniperus osterosperma), gambles oak (Quercus gambelii), birchleaf mahogany (Cercocarpus montanus), desert needlegrass (Stipa speciosa), indian ricegrass (Oryzopsis hymenoides), desert trumpet (Eriogonum inflatum, globemallow (Sphaeralcea coccinea) peppergrass (Lepidium perfoliatum.) and fragile cactus (Opuntia fragilis).

Species observed in the riparian community along Hill and Willow Creek include; aspen (Populus tremuloides), boxelder (Acer negundo), green ash (Fraxinus commutata), and sand bar willow (Salix exigua). As the environ continues, further north to the White River, the vegetation becomes more characteristic of a low sagebrush community.

The project area is relatively flat and is situated along the northwestern edge of Flat Rock Mesa and on the south side of an existing oil and gas field service road. Vegetation is characteristic of a mixture of Pinyon/juniper and low sagebrush communities with sagebrush and bunchgrasses dominating the top flats of Flat Rock Mesa and Pinyon and Juniper with a understory of mountain mahogany and sagebrush domination the drainages and canyon along the western and northern edge of the survey area. Sediments predominately consist of shallow (<25 cm) silty sandy colluvium. These deposits contain large eroding Uintah Formation sandstone boulders and residual pieces of angular sandstone and clay.

However along the western and northern edge of the mesa and project area at a elevation of 4700 to 4740 feet (1432-1445 m) AMSL, the sediment appear to become thicker and may reach a depth of over 1 meter.

Field Methods

A total of 10 acres was surveyed around the centerstake of the proposed well location to allow for relocation of the pad if necessary. The survey was accomplished by walking transects spaced no more than 15 and 20 meters apart. Areas of subsurface exposure (ant hills, blowouts, eroding slopes and cutbanks) were examined with special care in order to help assess the potential for buried cultural deposits. The entire surface area of ridge tops were covered. All exposures of sandstone cliff faces and alcoves/rockshelter were covered.

When cultural materials were discovered, a more thorough survey of the immediate vicinity was conducted in order to locate any associated artifacts and to determine the horizontal extent (surface area) of the site. If no other artifacts were located during the search then the initial artifact was recorded as an isolated find. The isolate was then drawn, measured, described, and its location plotted on a U.S.G.S. topographic map.

If sites are found a Intermountain Antiquities Computer System (IMACS) form will be used to record the site. At all sites, selected topographic features, site boundaries, stone tools and cultural features (hearths, foundations, trash dumps and trails) were mapped. Sites are mapped with a Brunton compass and pacing off distances from a mapping station (datum). All debitage is to be inventoried, using standard recording techniques (Truesdale 1995 et al 1995:7) according to material type, basic flake type, and so on. All stone tools and projectile points are to be drawn and measured, and all features (hearths, foundations, trash dumps and trails), measured, described and photographed. As is the general policy of the Uintah-Ouray Ute Reservation no artifacts were collected. In addition, when graves were encountered they were treated with the utmost dignity and respect. Only photographs were taken to document the condition of the graves for future reference. The graves were not measured or touched in any way.

Results

A total of 8985 acres were surveyed for cultural resources between October 1 to 10, 2000. Fourteen sites (Table 1) and sixty-two isolates have been recorded. In addition the previously recorded sites (42UN2383, 42UN2570 and 42UN2571) were revisited.

Recommendations

A total of 8985 acres have been surveyed to date (10/10/2000) In addition 2560 acres were previously surveyed for cultural

Table 1. Historic properties (sites) recorded on the North Hill Creek Seismic Project as of October 10, 2000.

Temp. #	Township/Range	Sec	Legal Location	Description
1	T14S/R20E	34	C/SE/NE/NW/NW	Lithic Scatter
2	T14S/R20E	35	C/S/SW/SW	Lithic Scatter
3	T14S/R20E	35	C/S/S/SW/SW/NE	Rockshelter
4	T15S/R20E	2	SE/SE/SW/NE	Lithic Scatter
5	T14S/R20E	35	NE/NE/SE/SE/SW	Lithic Scatter
6	T15S/R20E	5	NW/SW/NW/NE	Rock Cairn
7	T15S/R20E	5	NE/SW/NE/NW/SE	Lithic Scatter
8	T15S/R20E	4	NW/SE/SW/SE/SW	Rock Cairn
9	T15S/R20E	9	NE/SW/NE/NW/NE	Rockshelter
10	T15S/R20E	15	NE/NW/NW	Lithic Scatter
11	T15S/R20E	9	SW/SW/NW/SE	Lithic Scatter
12	T15S/R20E	16	NE/SE/SW/NW/SW	Lithic Scatter
13	T15S/R20E	16	SW/NE/SW/NW/SW	Lithic Scatter
14	T15S/R20E	16	SW/SW/NW/NW/SW	Lithic Scatter

Table 2. Summary of Isolated Finds recorded on the North Hill Creek Seismic Project as of October 10, 2000.

Temp #	Township/Range	Section	Legal Location	Description
1	T14S/R20E	19	SE/SE/SE/SE/SW/NW	2 Flks
2	T14S/R20E	19	NW/NW/SW/NE/SE	1 Flks
3	T14S/R20E	35	C/W/NW/SE/NW/NW	Biface frag
4	T14S/R20E	35	SW/NW/SE/NW/NW	Proj. Pt.
5	T14S/R20E	34	C/SE/NE/NW/NW	Proj. Pt.
6	T14S/R20E	35	NW/SW/SW/NW/NE	1 Flk
7	T14S/R20E	35	NW/NE/SW/NE/NE	1 Pc. shatter
8	T14S/R20E	35	NW/NE/SE/NE/NE	1 Pc. shatter
9	T14S/R20E	36	NW/NW/NW/SW/NW	3 Flks, 2 Pc. shatter
10	T14S/R20E	35	NW/SW/NE/NE/SE	6 Flks 1 Pc. shatter
11	T14S/R20E	35	C/NE/NW/NE/SE	Proj. Pt.
12	T14S/R20E	35	SE/SW/SW/SE/NE	Proj. Pt.
13	T15S/R20E	2	NE/NE/NE/NE/NW	1 Retouched Flake
14	T15S/R20E	2	NW/NE/NE/SE/NW	1 Flk, 1 Proj. Pt.
15	T15S/R20E	2	C/NE/SE/NW	2 Flks 1 Biface
16	T15S/R20E	2	C/N/NW/NE/SE/SE/NW	6 Flks, 1 Shatter
17	T14S/R20E	12	SW/NE/NE/SE/NE	2 Flks, 1 Proj. Pt.
18	T14S/R20E	12	C/W/SE/SE/NE	1 Flk, 1 Biface Frag.
19	T14S/R21E	7	C/W/NE/SE/NW	4 Flks, 1 Biface Frag.
20	T15S/R20E	2	SE/SE/SE/SE/SW	1 Flk
21	T15S/R20E	2	SW/NE/SE/SE/SW	3 Flks, Proj. Pt.
22	T15S/R20E	2	SE/NW/SE/SE/SW	2 Flks
23	T15S/R20E	3	C/SW/SE/SE/NE	Retouched Flk

Table 2 con't

Temp. #	Township/Range	Sec.	Legal Location	Description
25	T15S/R20E	9	SW/NW/NW/SW/NE	Metate, 2 Proj. Pts
26	T15S/R20E	4	NE/SW/SE/SW/SE	1 Flk
27	T15S/R20E	4	SW/SW/NW/SW/SE	1 Flk
28	T15S/R20E	4	NE/NW/SW/SE/SE	1 Flk
29	T15S/R20E	16	SW/NE/NW/NW/NE	1 Flk
30	T15S/R20E	16	NW/NW/NW/NW/NE	1 Flk, 2 Proj. Pts.
31	T15S/R20E	9	SW/NW/SW/SW/SE	Metate
32	T15S/R20E	9	NE/NW/SE/NE/SW	Metate Frags, Biface
33	T15S/R20E	9	SE/SW/NE/NE/SW	2 Flks
34	T15S/R20E	9	NW/NE/NE/NE/SW	1 FLK
35	T15S/R20E	9	SW/SE/NE/NW/NE	4 FLK
36	T15S/R20E	16	SE/NW/NE/SW/SW	8 FLKS
37	T15S/R20E	16	NW/NE/SW/NW/SW	1 FLK
38	T15S/R20E	17	C/SE/NE/NE/SE	1 FLK, Retouched Flk.
39	T15S/R20E	17	SE/SW/NE/SE/NW	3 Flks
40	T15S/R20E	17	NW/NE/NW/NE/NE	2 Flks
41	T15S/R20E	16	NE/NW/SW/NW/NE	1 Flk
42	T15S/R20E	16	NW/NE/SE/SW/SW	4 Flks
43	T15S/R20E	17	SE/NE/NW/SE/SE	2 Flks, Tin Cans, Purple Glass
44	T15S/R20E	16	SE/SW/NW/SW/SW	1 Flk
45	T14S/R20E	31	SW/NW/NW/SW/SW	1 Flk
46	T14S/R20E	31	SE/SW/SE/SE	1 Flk
47	T14S/R20E	31	SW/SE/SE/SE	3 Flk
48	T15S/R20E	5	SW/NW/SW/NE/NW	4 Flk
49	T15S/R20E	5	SE/NE/SW/NE/NW	5 Flks

50	T15S/R20E	4	SE/SW/NE/SW	Proj. Pt.
51	T15S/R20E	4	NW/SW/NE/SW/SW	1 Utilized Flk
52	T15S/R20E	5	NE/NE/SE/NE/SE	Biface
53	T15S/R20E	5	SE/SE/SE/SE/NE/	1 Flk
54	T15S/R20E	4	SW/NE/SW/SW	Proj. Pt.
55	T15S/R20E	5	NE/NE/SW/SE/NE/	Mano
56	T15S/R20E	5	NE/SW/NW/NE/SE/	1 Flk
57	T15S/R20E	5	NW/SE/SE/NW/SE/	1 Flk
58	T15S/R20E	5	NW/NE/NE/SW/SE	1 Flk
59	T15S/R20E	5	NE/NE/SW/NE/SE	1 Flk
60	T15S/R20E	5	NE/SW/NW/NE/SE	1 Flk
61	T15S/R20E	9	NE/NW/NE/NE/NW	1 Flk
62	T15S/R20E	9	NW/SW/NE/NE/NW	1 Flk

resources in Sections 28, 29, 30 and 32 of T14S R20E (Truesdale 1998).

The isolate's are not considered to be significant. No additional artifacts (projectile points, chipped stone debitage, cans, bottles, etc.) and/or features (fire cracked rock scatters, firepits, cairns) were recorded in association with the isolates. The possibility of buried and/or intact cultural materials in association with the isolates is low.

At this point all sites are considered to be eligible for nomination and/or inclusion to the National Register of Historic Places. To insure protection of the sites during seismic activities the following stipulations are recommended;

1) All site will be avoided. This avoidance includes vehicular (ATV, 4W Drive, Vibrator trucks, Drill rig trucks, etc.) traffic and seismic drilling activities.

2) All receiving (phone)lines will be laid down and carried through the sites on foot.

3) All sites will be flagged with blue flagging to insure that the sensitive areas are recognized during seismic activities.

4) A tribal Energy and Minerals technician will accompany and monitor the seismic activities adjacent to the sites.

5) Maps will continue to be updated daily so that seismic activities will not be adversely effected and/or halted. The report and Mmaps will be circulated to the Uintah-Ouray Ute Energy and Minerals office and their field technician, Western Geophysical project supervisor and appropriate field supervisors, the Client, and the BIA. All maps with plotted historic properties are considered to be culturally sensitive and should not be copied without the permission of the Uintah-Ouray Ute Tribe and the Cultura Rights Protection Office.

6) All flagging will be removed, from these sites, at the conclusion of the seismic activities.

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Allen

Table 1. Historic properties (sites) recorded on the North Hill Creek Seismic Project on Flat Rock Mesa (Sites 42UN2705-2743; 2753-2762).

Temp. #	Smith. 42UN #	Township/ Range	Sec	Legal Location	Description
1	2705	T14S/R20E	34	C/SE/NE/NW/NW	Lithic Scatter
2	2706	T14S/R20E	35	C/S/SW/SW	Lithic Scatter
3	2707	T14S/R20E	35	C/S/S/SW/SW/NE	Rockshelter
4	2708	T15S/R20E	2	SE/SE/SW/NE	Lithic Scatter
5	2709	T14S/R20E	35	NE/NE/SE/SE/SW	Lithic Scatter
6	2710	T15S/R20E	5	NW/SW/NW/NE	Rock Cairn
7	2711	T15S/R20E	5	NE/SW/NE/NW/SE	Lithic Scatter
8	2712	T15S/R20E	4	NW/SE/SW/SE/SW	Rock Cairn
9	2713	T15S/R20E	9	NE/SW/NE/NW/NE	Rockshelter
10	2714	T15S/R20E	15	NE/NW/NW	Lithic Scatter
11	2715	T15S/R20E	9	SW/SW/NW/SE	Lithic Scatter
12	2716	T15S/R20E	16	NE/SE/SW/NW/SW	Lithic Scatter
13	2717	T15S/R20E	16	SW/NE/SW/NW/SW	Lithic Scatter
14	2718	T15S/R20E	16	SW/SW/NW/NW/SW	Lithic Scatter
15	2719	T15S/R20E	15	NW/NE/NE/NW	Rock shelter
16	2720	T15S/R20E	15	NW/NW	Flat Rock Spring Lithic Scatter
17	2721	T15S/R20E	1	C/N	Lithic Scatter
18	2722	T14S/R21E	31	NE/SW/SE	Lithic Scatter
19	2723	T15S/R21E	6	C/E/NW	Lithic Scatter
20	2724	T15S/R21E	6	C/SW/NW/NE	Storage Facility
21	2725	T15S/R21E	6	NW/SW/SW/SW	Lithic Scatter
22	2726	T15S/R21E	6	NW/NW/SW/NW/SW	Rock Shelter
23	2727	T15S/R21E	6	C/N/S	Stone Circle
24	2728	T15S/R20E	12	NW/SW	Lithic Scatter
25	2729	T15S/20E	11	NE/NE/NE/NE	Lithic Scatter
26	2730	T15S/R20E	12	C/SW/SW/NE/NW	Rock Shelter
27	2731	T15S/R20E	15	C/E/NW/NW/SE	Rock Shelter

Temp. #	Smith. 42UN #	Township/Range	Sec	Legal Location	Description
28	2732	T15S/R20E	14	E/NE/SW	Lithic Scatter/ Corral
29	2733	T15S/R20E	14	SW/NW/SE/NW/SE	Hist. Camp.
30	2734	T15S/R20E	10	C/NE/NE/SE	Lithic Scatter
31	2735	T15S/R20E	10	NW/SW/SE/SW/SE	Lithic Scatter/ collector's pile
32	2736	T15S/R21E	12	SW/SE/SE/SW/SW	Cairn
33	2737	T15S/R20E	18	SE/SE/SW/NW/NW	Lithic Scatter
34	2738	T15S/R20E	19	C/SE/SW/SW	Benchmark/Cairn
35	2739	T15S/R21E	6	SW/SW/SW/SW/SW/SW	Historic Section Corner
36	2740	T15S/R20E	21	N/NW/NE	Historic Corral/ Prehistoric Ute Camp, Lithic Scatter, Hearths, Ceramics, Stone circles
37	2741	T14S/R20E	21	SE/NW/NE/NE	Firepit, Lithic scatter
38	2742	T15S/R20E	21	NE/SE/NE/NE	Firepit, Lithic scatter, Ceramics
39	2743	T15S/R20E	22	C/S/NW/NW	Lithic scatter, Firepits
40	2753	T15S/R20E	21	C/N/SE/SW/NE	Lithic Scatter
41	2754	T15S/R20E	22	NW/NE/NW/SW	Corral
42	2755	T15S/R20E	22	C/SE/NW/SW	Lithic Scatter
43	2756	T14S/R20E	27	C/W/E	Corral
44	2757	T15S/R20E	2	C/N/NE	Corral
45	2758	T15S/R21E	12	NW/NW/NW	Corral
46	2759	T15S/R21E	13	SE/NW/SW	Corral
47	2760	T15S/R20E	20	SW/NW/NW	Corral
48	2761	T14S/R20E	20	C/SE/NW/SW	Corral
49	2762	T15S/R21E	5	C/NE/NW/NW/NW	Rock Art
50		T15S/R21E	7	E/SW/SW/SE	Rock Art

51		T15S/R21E	18	C/S/SW/SE/NE/NW	Storage Facility
52		T15S/R21E	18	C/NW/NE/SE/NW	Storage Facility

Table 2. Summary of Isolated Finds recorded during the North Hill Creek Seismic Project on Flat Rock Mesa.

Temp #	Township/Range	Section	Legal Location	Description
1	T14S/R20E	19	SE/SE/SE/SE/SW/NW	2 Flks
2	T14S/R20E	19	NW/NW/SW/NE/SE	1 Flks
3	T14S/R20E	35	C/W/NW/SE/NW/NW	Biface frag
4	T14S/R20E	35	SW/NW/SE/NW/NW	Proj. Pt.
5	T14S/R20E	34	C/SE/NE/NW/NW	Proj. Pt.
6	T14S/R20E	35	NW/SW/SW/NW/NE	1 Flk
7	T14S/R20E	35	NW/NE/SW/NE/NE	1 Pc. shatter
8	T14S/R20E	35	NW/NE/SE/NE/NE	1 Pc. shatter
9	T14S/R20E	36	NW/NW/NW/SW/NW	3 Flks, 2 Pc. shatter
10	T14S/R20E	35	NW/SW/NE/NE/SE	6 Flks 1 Pc. shatter
11	T14S/R20E	35	C/NE/NW/NE/SE	Proj. Pt.
12	T14S/R20E	35	SE/SW/SW/SE/NE	Proj. Pt.
13	T15S/R20E	2	NE/NE/NE/NE/NW	1 Retouched Flake
14	T15S/R20E	2	NW/NE/NE/SE/NW	1 Flk, 1 Proj. Pt.
15	T15S/R20E	2	C/NE/SE/NW	2 Flks 1 Biface
16	T15S/R20E	2	C/N/NW/NE/SE/SE/NW	6 Flks, 1 Shatter
17	T14S/R20E	12	SW/NE/NE/SE/NE	2 Flks, 1 Proj. Pt.
18	T14S/R20E	12	C/W/SE/SE/NE	1 Flk, 1 Biface Frag.
19	T14S/R21E	7	C/W/NE/SE/NW	4 Flks, 1 Biface Frag.
20	T15S/R20E	2	SE/SE/SE/SE/SW	1 Flk
21	T15S/R20E	2	SW/NE/SE/SE/SW	3 Flks, Proj. Pt.
22	T15S/R20E	2	SE/NW/SE/SE/SW	2 Flks
23	T15S/R20E	3	C/SW/SE/SE/NE	Retouched Flk

Temp. #	Township/ Range	Sec.	Legal Location	Description
25	T15S/R20E	9	SW/NW/NW/SW/NE	Metate, 2 Proj. Pts
26	T15S/R20E	4	NE/SW/SE/SW/SE	1 Flk
27	T15S/R20E	4	SW/SW/NW/SW/SE	1 Flk
28	T15S/R20E	4	NE/NW/SW/SE/SE	1 Flk
29	T15S/R20E	16	SW/NE/NW/NW/NE	1 Flk
30	T15S/R20E	16	NW/NW/NW/NW/NE	1 Flk, 2 Proj. Pts.
31	T15S/R20E	9	SW/NW/SW/SW/SE	Metate
32	T15S/R20E	9	NE/NW/SE/NE/SW	Metate Frags, Biface
33	T15S/R20E	9	SE/SW/NE/NE/SW	2 Flks
34	T15S/R20E	9	NW/NE/NE/NE/SW	1 Flk.
35	T15S/R20E	9	SW/SE/NE/NW/NE	4 Flk.
36	T15S/R20E	16	SE/NW/NE/SW/SW	8 Flk.S
37	T15S/R20E	16	NW/NE/SW/NW/SW	7 FLKS
38	T15S/R20E	17	C/SE/NE/NE/SE	1 Flk., Retouched Flk.
39	T15S/R20E	17	SE/SW/NE/SE/NW	3 Flks
40	T15S/R20E	17	NW/NE/NW/NE/NE	2 Flks
41	T15S/R20E	16	NE/NW/SW/NW/NE	1 Flk
42	T15S/R20E	16	NW/NE/SE/SW/SW	4 Flks
43	T15S/R20E	17	SE/NE/NW/SE/SE	2 Flks, Tin Cans, Purple Glass
44	T15S/R20E	16	SE/SW/NW/SW/SW	1 Flk
45	T14S/R20E	31	SW/NW/NW/SW/SW	1 Flk
46	T14S/R20E	31	SE/SW/SE/SE	1 Flk
47	T14S/R20E	31	SW/SE/SE/SE	3 Flk
48	T15S/R20E	5	SW/NW/SW/NE/NW	4 Flk
49	T15S/R20E	5	SE/NE/SW/NE/NW	5 Flks
50	T15S/R20E	4	SE/SW/NE/SW	Proj. Pt.

51	T15S/R20E	4	NW/SW/NE/SW/SW	1 Utilized Flk
52	T15S/R20E	5	NE/NE/SE/NE/SE	Biface
53	T15S/R20E	5	SE/SE/SE/SE/NE/	1 Flk
54	T15S/R20E	4	SW/NE/SW/SW	Proj. Pt.
55	T15S/R20E	5	NE/NE/SW/SE/NE/	Mano
56	T15S/R20E	5	NE/SW/NW/NE/SE/	1 Flk
57	T15S/R20E	5	NW/SE/SE/NW/SE/	1 Flk
58	T15S/R20E	5	NW/NE/NE/SW/SE	1 Flk
59	T15S/R20E	5	NE/NE/SW/NE/SE	1 Flk
60	T15S/R20E	5	NE/SW/NW/NE/SE	1 Flk
61	T15S/R20E	9	NE/NW/NE/NE/NW	1 Flk
62	T15S/R20E	9	NW/SW/NE/NE/NW	1 Flk

Temp #	Township/ Range	Section	Legal Location	Description
63	T15S/R20E	1	SW/SE/SE/NE/SE	2 FLKS Metate frag.
64	T15S/R20E	5	SW/SE/SW/SE/NW	Metate frag.
65	T15S/R20E	5	SW/SE/SW/SE/NW	Proj. point
66	T15S/R20E	12	SW/SE/SE/NW/NE	3 Flks.
67	T15S/R20E	9	C/W/SE/SE/NE/SW	Metate frag.
68	T15S/R20E	3	C/SW/SE/SE/NE	Retouched Flk..
69	T15S/20E	1	NW/NE/NE/SW/NE	9 Flks.
70	T15S/20E	1	C/E/SE/NW/SE/NW	11 Flks., 2 Bifaces
71	T15S/20E	1	NW/SE/SW/SE/NW	1 Flk., 1 Proj. Pt.
72	T15S/20E	1	SW/SE/SW/SE/NW	6 Flks., 1 Mano
73	T15S/R20E	1	NW/SE/SW/NW/SE	1 Shatter
74	T15S/R20E	1	N/NW/NW/NW/SW/SE	1 Flk., 1 Retouched Flk.
75	T15S/R20E	1	C/W/SE/NE/NW/SW	2 Flks., 1 Retouched Flk.
76	T15S/R20E	1	SW/NW/SW/NE/NE	12 Flks
77	T14S/R20E	36	SE/SW/SE/SW/SE	1 Flk., 1 Mano frag.
78	T14S/R20E	36	C/W/SW/NE/SE/SE	1 Flk
79	T14S/R21E	31	SW/NE/NE/NW/SW	3 Flks.
80	T14S/R21E	31	C/W/SE/NE/SW	1 Flk.
81	T15S/R21E	6	NE/SW/NE/NW/NE	2 Flks.
82	T15S/R21E	6	SW/NE/SE/SE/NW	1 Flk.
83	T15S/R20E	12	C/E/E/NE/SE/SW	Pecking/ Pounding
84	T15S/R20E	12	C/SE/NE/NW/SW	Earthenwear Jug Frags.
Temp #	Township/ Range	Section	Legal Location	Description
85	T15S/R20E	12	C/NW/SW/NE/NW/SW	3 Flks.

86	T15S/R20E	12	SE/SW/NW/SW/NW	4 Flks.
87	T15S/R20E	12	NW/SE/SW/NW/NW	1 Flk.
88	T15S/R20E	14	C/SE/NW/SW/NW	Core
89	T15S/R20E	14	SW/NE/NW/SW/NW	Purple glass
90	T15S/R20E	14	C/S/SW/SE/NW	Hist. trash
91	T15S/R20E	15	C/W/NE/NE/NE/SE	4 Flks.
92	T15S/R20E	15	C/E/SE/NE/SE/SE	Retouched Flk.
93	T15S/R20E	15	C/E/SE	2 Hole-in-top cans
94	T15S/R20E	14	C/E/SW/SW/NW	Aqua glass, 4 Tobacco cans
95	T15S/R20E	14	C/N/NW/SE/NW	10 Pcs Purple glass
96	T15S/R20E	15	C/NW/NE/SE	11 Flks
97	T15S/R20E	15	C/E/SW/NE/NE/SE	Mano frag.
98	T15S/R20E	11	NW/NW/NE/NW/SE	1 Flk
99	T15S/R20E	11	C/NE/NE/NW/SE	1 Flk
100	T15S/R20E	11	C/SW/SW/NW	1 Flk
101	T15S/R20E	11	C/N/SE/NE	1Flk
102	T15S/R20E	11	C/SW/NE/NW/SW	Chert Core
103	T15S/R20E	11	NE/SW/SW/SW/NW	Metate frag.
104	T15S/R20E	10	SE/SE/SE/SE/NE	Utilized Flk.
105	T15S/R20E	10	C/NW/SE/NE	Collector's pine
106	T15S/R20E	10	C/NE/SE/SW/NE	6 Flks.
107	T15S/R20E	10	C/SW/NW/NW/SE	1 Biface, 1 Flk.
108	T15S/R20E	13	SW/NW/NW/NW/SE	4 Flks.
109	T15S/R21E	19	SW/NW/SE/SW/SW	Praform
Temp #	Township/ Range	Section	Legal Location	Description
110	T15S/R20E	24	NW/NW/NE/SW/NE	1 Flk.
111	T15S/R20E	24	C/SE/SW/NE/SW	Scraper
112	T15S/R20E	14	SW/SW/SW/NE/SE	1 Flk.

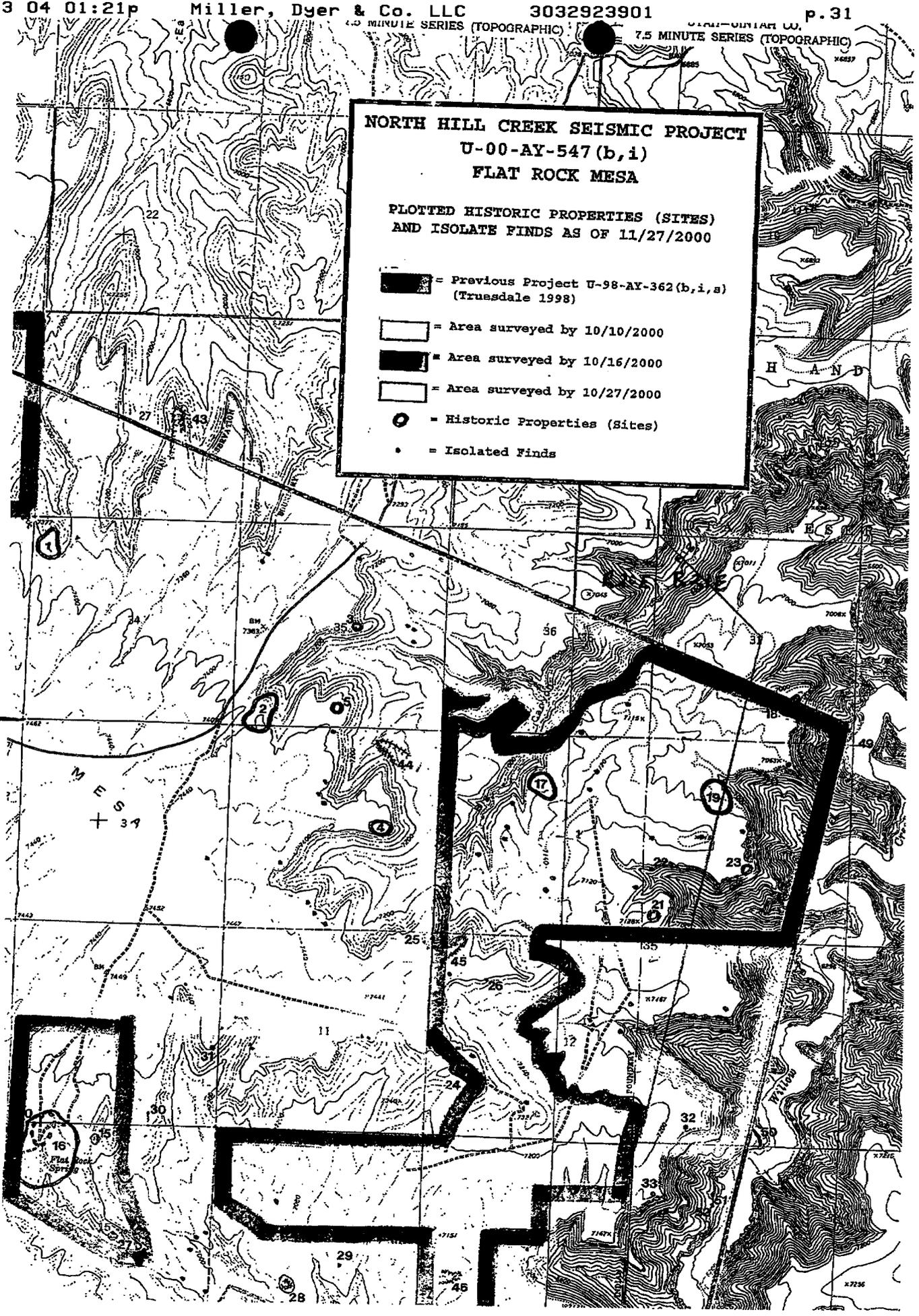
113	T15S/R20E	20	SE/NE/NE/SW/NW	End Scraper
114	T15S/R20E	20	C/SW/NW	Metate Frag.
115	T15S/R20E	20	SE/SE/SE/SW/NW	1 Flk.
116	T15S/R20E	20	C/W	1 Flk.
117	T15S/R20E	20	SW/NW/NW/NE/SW	1 Flk.
118	T15S/R20E	20	NW/NW/SW/NE/SW	4 Flks.
119	T15S/R20E	20	C/SW/SW/NE/SW	1 Flk.
120	T15S/R20E	20	SE/SE/SW/NE/SW	1 Flk.
121	T15S/R20E	20	NW/NE/NW/SE/SW	4 Flks.
122	T15S/R20E	19	SW/SW/NW/NE/SE	1 Flk.
123	T15S/R20E	19	SW/NW/NW/NE/SE	2 Flks.
124	T15S/R20E	17	C/SE/NW/NW/NW/NE	1 Flk.
125	T15S/R20E	22	C/SE/NE/SE/NW	Proj. Pt.
126	T15S/R20E	22	SW/NW/NE/SE/NW	Eroded firepit, Proj. Pt.
127	T15S/R20E	22	C/S/S/NW/SW/NE	9 Flks
128	T15S/R20E	22	NE/NE/SW/SW/NE	Rectangular Tin Box
129	T15S/R20E	22	C/NW/SE/SW/NE	6 Flks, FCR

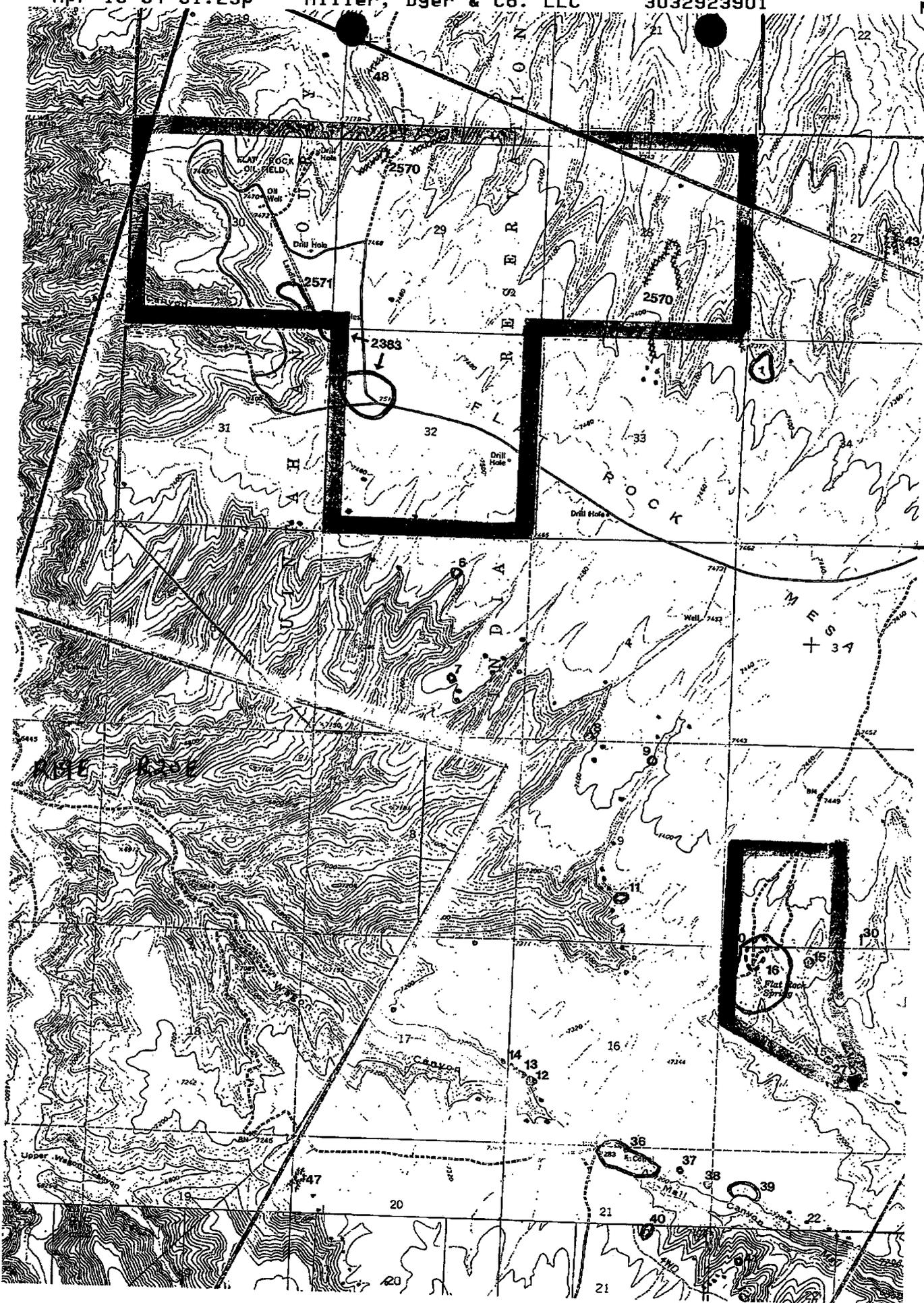
NORTH HILL CREEK SEISMIC PROJECT
U-00-AY-547 (b, i)
FLAT ROCK MESA

PLOTTED HISTORIC PROPERTIES (SITES)
 AND ISOLATE FINDS AS OF 11/27/2000

-  = Previous Project U-98-AY-362 (b, i, s) (Truesdale 1998)
-  = Area surveyed by 10/10/2000
-  = Area surveyed by 10/16/2000
-  = Area surveyed by 10/27/2000
-  = Historic Properties (Sites)
-  = Isolated Finds

T19S
T15S





T14S
T15S

15
16
17

From: "Josh Axelson" <josh@millerdyer.com>
To: <dustindoucet@utah.gov>
Date: 4/14/04 3:14PM
Subject: Updated Cement Program for Miller, Dyer APD

Please print the new document and replace the old document. If you have any problems or questions let me know.

Josh Axelson
Miller, Dyer & Co. LLC
303-292-0949

6. (R649-9-2)Waste Management Plan has been received on:

IN PLACE

7. **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 3/18/2002 BIA

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: n/a

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The 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: 4/14/2004
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 4/14/2004
3. Bond information entered in RBDMS on: 4/14/2004
4. Fee wells attached to bond in RBDMS on: 4/14/2004
5. Injection Projects to new operator in RBDMS on: n/a
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: Cash 10/1/03

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 1245

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: n/a

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number n/a
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** 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: N/A

COMMENTS:

Operator Change from Del-Rio Resources was to Miller, Dyer & Co, LLC; This change corrects DOGM's error.

Well name:	04-04 MillerDyer Ute Tribal 10-2-15-20		
Operator:	Miller Dyer Resources, LLC		
String type:	Production	Project ID:	43-047-35625
Location:	Uintah County		

Design parameters:

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

Burst
Max anticipated surface pressure: 4,669 psi
Internal gradient: 0.120 psi/ft
Calculated BHP: 6,169 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 air weight.
Neutral point: 10,699 ft

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 209 °F
Temperature gradient: 1.15 °F/100ft
Minimum section length: 1,500 ft

Cement top: ~~8,803 ft~~
1028 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 (ft³)
1.	12500	5.5	17.00	HCP-110	LT&C	12500	12500	4.767	430.8

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	6169	8580	1.39	6169	10640	1.72	213	445	2.09 J

Prepared by: Dustin K. Doucet
Utah Dept. of Natural Resources

Phone: 801-538-5281
FAX: 801-359-3940

Date: April 14, 2004
Salt Lake City, Utah

ENGINEERING STIPULATIONS:
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:	04-04 MillerDyer Ute Tribal 10-2-15-20		
Operator:	Miller Dyer Resources, LLC		
String type:	Surface	Project ID:	43-047-35625
Location:	Uintah County		

Design parameters:

Collapse
Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:
Design factor 1.125

Burst:
Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 65 °F
Bottom hole temperature: 86 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 450 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 1,320 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 1,500 psi

No backup mud specified.

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 air weight.
Neutral point: 1,314 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 12,500 ft
Next mud weight: 9.500 ppg
Next setting BHP: 6,169 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 (ft³)
1	1500	9.625	36.00	K-55	ST&C	1500	1500	8.765	106.8

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	655	2020	3.09	1500	3520	2.35	54	423	7.83 J

Prepared by: Dustin K. Doucet
Utah Dept. of Natural Resources

Phone: 801-538-5281
FAX: 801-359-3940

Date: April 14, 2004
Salt Lake City, Utah

ENGINEERING STIPULATIONS:

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.

Casing Schematic

Surface

GR

9-5/8"
MW 8.4
Frac 19.3

WSTH
2242'

0.1/gal → 3000

MU
4200'

6024'
castlegate

6324'
Manaco

10137'
D&K

10235'
Cdrmta

10404'
Warr

11128'
Curtis

5-1/2"
MW 9.5

TOC @
0.

1028

Surface
1500. MD

Cement top
needed @ 2000'

From amended
Drilling program
received 4/14/04

w/ 15% washout

TOC Tail 8070'

TOC @
8803.

11156
Ent
11251
Curnel
11542 wingate
11868 Chiale
Production
12500. MD

Assumed confirmed by Jane Dyer 4/14/04
Max MW. DCD

BOP

Anticipated = 4000 psi

$(0.052)(9.5)(12,500) = 6175 \text{ psi}$

$\frac{Mud}{(0.22)}(12,500) = 2750 \text{ psi}$

MASP = 3425 psi

Using Anticipated BHP = 1250 psi

5 m BOPE proposed ✓

Testing

Propose 70% interyield

$(3520 \text{ psi})(.70) = 2464 \text{ psi}$

further propose for casing strings
0.22 psi/ft inadequate
or 1500 psi

Surface 1 psi/ft = 1500 psi OK.

$MAP@Shoe = 4000 - \{(12000)(.22)\} = 1580 \text{ psi}$

MillerDyer Stated would test to 70%

± 2400 psi Surface casing

Adequate DCD 4/14/04

**DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS**

OPERATOR: Miller, Dyer & Co. LLC
WELL NAME & NUMBER: Ute Tribal 10-2-15-20
API NUMBER: 43-047-35625
LOCATION: 1/4,1/4 NWSE Sec: 2 TWP: 15S RNG: 20E 1716' FSL 1928 FEL

Geology/Ground Water:

Miller, Dyer & Co. proposes to set 1,500 feet of surface casing cemented to the surface. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the proposed location. The base of the moderately saline water is estimated at 3,700 feet. The surface formation at the proposed location is the Green River Formation. The Green River Formation is made up of interbedded sandstones, limestones and shales. This location is in a recharge area for the aquifers of the upper Green River Formation and fresh water can be expected to be found in the upper Green River. The proposed casing and cementing program should cover the entire Green River section and adequately protect the Green River aquifer.

Reviewer: Brad Hill **Date:** 04-15-2004

Surface:

The Ute Indian Tribe is the surface owner at this location. The operator is responsible for obtaining any needed permits or rights of way before causing any surface disturbance or drilling.

Reviewer: Brad Hill **Date:** 04-15-2004

Conditions of Approval/Application for Permit to Drill:

None.



State of Utah

Department of
Natural Resources

Division of
Oil, Gas & Mining

ROBERT L. MORGAN
Executive Director

LOWELL P. BRAXTON
Division Director

MICHAEL O. LEAVITT
Governor

OLENE S. WALKER
Lieutenant Governor

April 15, 2004

Miller, Dyer & Co. LLC
475 17th St., Suite #420
Denver, CO 80202

Re: Ute Tribal 10-2-15-20 Well, 1716' FSL, 1928' FEL, NW SE, Sec. 2,
T. 15 South, R. 20 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 43-047-35625.

Sincerely,

John R. Baza
Associate Director

pab
Enclosures

cc: Uintah County Assessor
SITLA

Operator: Miller, Dyer & Co. LLC
Well Name & Number Ute Tribal 10-2-15-20
API Number: 43-047-35625
Lease: ML-46842

Location: NW SE Sec. 2 T. 15 South R. 20 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**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

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. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

5. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

6. Operator shall comply with applicable recommendations resulting from Resource Development Coordinating Committee review.

Page 2

Conditions of Approval API #43-047-35625

April 15, 2004

7. 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.

MILLER, DYER & CO. LLC

475 SEVENTEENTH STREET, SUITE 420

DENVER, COLORADO 80202

TELEPHONE: 303-292-0949

FACSIMILE: 303-292-3901

April 5, 2004

Via: FAX (801) 359 3940

Ms Diana Whitney
Division of Oil, Gas and Mining
1594 West North Temple, Ste 1210
Salt Lake City, UT 84114-5801

RE: Application to Drill
Ute Tribal 10-2-15-20
Section 2, T15S R20E
ML-46842
Uintah County, Utah

Dear Ms Whitney:

Miller, Dyer & Co. LLC has sent to Mr. Ed Bonner with the Trust Lands Administration, a copy of the archaeology report prepared by James Truesdale that covers section 2 referenced above. We have provided you with a copy of the letter that was sent to Mr. Bonner by overnight mail today.

Also, please note that the following water permit information:

Ute Oilfield Water Permit

Location: Willow Creek – 150' north, 700' west of SE corner of Section 29
Township 12 South, Range 21 East
Uintah County

Water Right Number: 49-1667

Application Number: T74534

Yours truly,

MILLER, DYER & CO. LLC



Chris A Potter

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APR 16 2004
DIV. OF OIL, GAS & MINING

MILLER, DYER & CO. LLC

475 SEVENTEENTH STREET, SUITE 420

DENVER, COLORADO 80202

TELEPHONE: 303-292-0949

FACSIMILE: 303-292-3901

April 12, 2004

Via: FAX (801) 359 3940

Ms Diana Whitney
Division of Oil, Gas and Mining
P O Box 145801
Salt Lake City, UT 84114-5801

RE: Exception Location to Drill
Ute Tribal 10-2-15-20
Section 2, T15S R20E
ML-46842
Uintah County, Utah

Dear Ms Whitney:

Miller, Dyer & Co. LLC, as Operator, is proposing to drill and has made application with the Division of Oil, Gas and Mining ("DOG M") for a permit to drill the following well:

Ute Tribal #10-2-15-20

Location: 1908' FEL, 1716' FSL, (NWSE) Section 2, T15S R20E, Uintah County, Utah

Lease: ML-46842; Record Title Owner – Shaw Resources Limited, LLC

Designated Operator: Miller, Dyer & Co. LLC (Designation on file with DOGM & SITLA)

Pursuant to Rule R649-3-3, Miller, Dyer & Co. LLC is making application and seeking DOGM's administrative authority to grant an exception to the locating and siting requirements for this well.

The Ute Tribal #10-2-15-20 well is approximately 64' outside of the 200' drilling tolerance from the center of the 40-acre drilling unit designated as the NWSE of Section 2. The present location of this well as surveyed and staked is the best optimum location to avoid excessive surface disturbance, cuts and fills in and near the well site.

Shaw Resources Limited, LLC is the owner within a 460-foot radius of the proposed well location and is the owner of directly and diagonally offsetting drilling units of the proposed well location.

Miller-Dyer and Shaw Resources Limited, LLC respectfully requests an administrative approval by the division of an exception location for the well referenced above.

Yours truly,

MILLER, DYER & CO. LLC



Chris A Potter

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APR 16 2004

DIV. OF OIL, GAS & MINING

008

MILLER, DYER & CO. LLC

475 SEVENTEENTH STREET, SUITE 420

DENVER, COLORADO 80202

TELEPHONE: 303-292-0949

FACSIMILE: 303-292-3901

April 12, 2004

Sent: Fed Ex Overnight Delivery

Mr. Ed Bonner
Utah Trust Lands Administration
675 East 500 South, Suite 500
Salt Lake City, Utah 84102-2818

RE: Ute Tribal #10-2-15-20
Truesdale Archaeology Report
Section 2, T15S R20E
ML-46842
Uintah County, Utah

Dear Mr. Bonner:

On April 5th we sent to Diana Whitney, Division of Oil, Gas and Mining ("DOG M") our application to drill the Ute Tribal #10-2-15-20 well with a location in the NWSE of Section 2, T15S R20E.

Recently, we have been asked by Diana Whitney (DOG M) to provide you with a copy of the archaeology report that was prepared by James A Truesdale that not only covers this section 2 but other lands as well. A copy is attached. The Minerals are owned by the State of Utah. The Ute Indian Tribe of the Uintah and Ouray Reservation owns the surface.

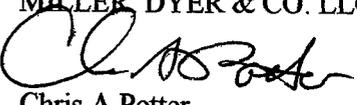
The Ute Tribe and BIA have indicated to us the their acceptance of this Truesdale Report as adequate and sufficient in surveying and identifying cultural resources over the area and specifically this section in which we are applying for a permit to drill.

Miller-Dyer is under pressure to keep a rig that is capable of drilling our proposed well. We are working with DOGM, Ute Tribe and the BIA to fast track our application and permits. If during the 14-day process for the Trust Lands approval, you can determine acceptance and approval sooner, then please advise this office as soon as possible. Miller-Dyer has a shorter window to work with due to the small window that the rig is available to Miller-Dyer.

Please call the undersigned at (303) 292 0940 #109 or John Dyer at (303) 292 0949 #103 if you have any questions or need any additional information.

Yours truly,

MILLER, DYER & CO. LLC


Chris A Potter

Cc: Diana Whitney - DOGM

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APR 16 2004

DIV. OF OIL, GAS & MINING

From: Rand Fisher
To: Diana Whitney
Date: 4/19/2004 4:41:11 PM
Subject: RE: Project Number: 3922 Application for Permit to Drill - proposal to drill the Ute Tribal #10-2-15-20

>>> Carolyn Wright 04/19/04 01:53PM >>>

This is a short-turnaround item, please comment directly to the Agency. Thanks

>>> Rand Fisher 04/19/04 09:49AM >>>

Project Number: 3922 Sponsor: Division of Oil, Gas and Mining
SLB&M: Sec. 2, T15S, R20E Counties Affected: Uintah
Description: wildcat well on a State lease ML-46842 Comments Due to Sponsor 04/27/2004

Clarification is desired regarding this proposed Permit to Drill. The project title leaves confusion in that it is reportedly a drilling on a State lease ML-46842, but it is named as Ute Tribal.

Is the proposed drilling to take place on lands administered by the State of Utah under State Trust Lands, or is this proposed drilling to occur on Ute Tribal land?

If it is on Tribal lands, then neither State Trust Lands, nor our office of UDEQ, nor RDCC has authority to comment on such a proposal. Any environmental review of such a proposal on Tribal lands must be conducted by either the Tribe itself, or by USEPA. The Ute Tribe has made it clear that the state of Utah is not allowed to monitor, sample, evaluate, nor comment on any actions, events, nor incidents which occur or are being considered on tribal lands.

If this project is on Tribal lands, it should not be considered by RDCC. If it is in fact located on State Trust Lands, please revise/reword the title and description so as to avoid the confusion which occurs with the current title of Ute Tribal within the application title and the description.

DIVISION OF OIL, GAS AND MINING**SPUDDING INFORMATION**Name of Company: MILLER, DYER & COMPANY LLCWell Name: UTE TRIBAL 10-2-15-20Api No: 43-047-35625 Lease Type: STATESection 02 Township 15S Range 20E County UINTAHDrilling Contractor PATTERSON RIG # 413**SPUDDED:**Date 04/29/04Time 5:30 AMHow ROTARY**Drilling will commence:** _____Reported by JEFF CIAHEKTelephone # 1-435-828-1315 OR 1-307-259-5211Date 04/29/2004 Signed CHD

009

MILLER, DYER & CO. LLC

475 SEVENTEENTH STREET, SUITE 420

DENVER, COLORADO 80202

TELEPHONE: 303-292-0949

FACSIMILE: 303-292-3901

May 7, 2004

Mr. John Baza, Associate Director
Division of Oil, Gas and Mining
P O Box 145801
Salt Lake City, UT 84114-5801

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MAY 11 2004

DIV. OF OIL, GAS & MINING

RE: Ute Tribal 10-2-15-20
Section 2, T15S R20E
Uintah County, Utah

Dear Mr. Baza:

Please find attached a copy of a letter dated May 4, 2004 from the Uintah County Commission regarding Miller, Dyer's Ute Tribal #10-2-15-20 Well on state lease ML-46842

I believe they intended for your office (DOGM) to have a copy of this letter for your files.

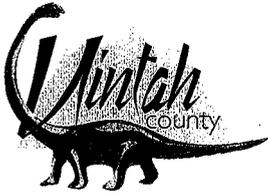
Yours truly,

MILLER, DYER & CO. LLC



Chris A Potter

UINTAH COUNTY



STATE OF UTAH

Our past is the nation's future

May 4, 2004

COMMISSIONERS:

David J. Haslem
Jim Abegglen
Michael J. McKee
ASSESSOR - Gayla Casper
ATTORNEY - JoAnn Stringham
CLERK-AUDITOR - Michael W. Wilkins
RECORDER - Randy J. Simmons
TREASURER - Donna Richens
SHERIFF - Rick Hawkins
SURVEYOR - Robert Kay

Mr. John R. Baza, Associate Director
Miller, Dyer & Co. LLC
475 17th St. Suite # 420
Denver, Colorado 80202

Re: Proposed drill - Ute Tribal #10-2-15-20
Well (wildcat) on State lease MI-46842

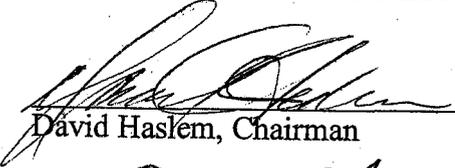
Dear Mr. Baza:

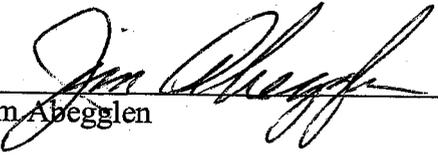
Thank you for the opportunity to comment on the proposed drill - Ute Tribal #10-2-15-20 well (wildcat) on State lease MI-46842. Uintah County supports the efforts of the development of private companies. The proposed action to drill is consistent with Uintah County General Plan for public lands.

Uintah County has no further comments at this time, but reserves the right to comment on the environmental assessment (EA), if issues warrant the development of an EA, and record of decision.

Sincerely,

UINTAH COUNTY COMMISSION


David Haslem, Chairman


Jim Abegglen


Michael J. McKee

cc: Public Lands Committee

007

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

FORM 6

ENTITY ACTION FORM

Operator: Miller, Dyer & Co. LLC Operator Account Number: N 2580
 Address: 475 17th Street, Ste 420
city Denver
state CO zip 80202 Phone Number: (303) 292-0949

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304735625	Ute Tribal #10-2-15-20		NWSE	2	15S	20E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	14167	4/29/2004		5/20/04		
Comments: Set surface casing on May 4, 2004 at 2,314' <i>WINGT</i>							

K

Well 2

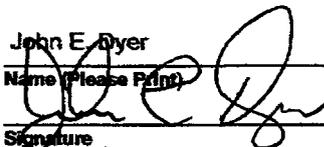
API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

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)

John E. Dyer
 Name (Please Print)

 Signature
 Operations Manager
 Title
 5/17/04
 Date

(5/2000)

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MAY 17 2004

DIV. OF OIL, GAS & MINING

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

FORM 9

010

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML-46842

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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.

7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL
OIL WELL GAS WELL OTHER _____

8. WELL NAME and NUMBER:
Ute Tribal #10-2-15-20

2. NAME OF OPERATOR:
Miller, Dyer & Co. LLC

9. API NUMBER:
4304735625

3. ADDRESS OF OPERATOR:
475 17th Street, Ste 1200 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 292-0949

10. FIELD AND POOL, OR WILDCAT:

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 1928 FEL 1716FSL

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 2 15S 20E

STATE: UTAH

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

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

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

Please see the attached report for the daily drilling information. Well completion is pending ROW and pipeline construction for transportation.

Miller, Dyer & Co. LLC requests that all well information remain confidential.

NAME (PLEASE PRINT) Janet K Specht

TITLE Operations Secretary

SIGNATURE *Janet K Specht*

DATE 10/7/2004

(This space for State use only)

RECEIVED

OCT 14 2004

Drilling Report Summary
Ute Tribal 10-2-15-20

CONFIDENTIAL

Date	
April 29, 2004	4/20, Start moving rig from Parachute, Co.. 4/21, Some rig arriving in Vernal, Ut.. 4/22, 4 loads on location, (Snowing). 4/23, Sub is pinned & set (Snowing-8-12"). 4/24, Most of rig has arrived, rigging up w/ trucks (Muddy Mess). 4/25, Finish rigging up w/ trucks. 4/26, Rigging up w/o trucks. 4/27, Rigging up w/o trucks. Raised derrick @ 7:30pm (Notified State & Tribal of Spud). Rigging up, P/U Kelly @ 7:30pm, Called Pattersons office to see about speeding things up Drilling 60 ft to 63 ft (swivel started leaking)
April 30, 2004	DRILLING 63 FT TO 183 FT CIRC RIG REPAIR, REPLACE FILTERS ON FUEL SYSTEM TRIP TO INSERT CROWS FOOT ABOVE FLOAT DRILLING 183 FT TO 524 FT SURVEY (.5 DEG @ 439 FT) DRILLING 524 FT TO 536 FT
May 1, 2004	Drilling 536 ft to 1092 ft Circulate Survey Drilling 1092 ft to 1340 ft
May 2, 2004	Drilling 1340 ft to 1572 ft survey (missrun) Drilling 1572 ft to 1635 ft lube rig Drilling 1635 ft to 1667 ft survey (missrun) Drilling 1667 ft to 1747 ft Rig repair (replace fuel filters) Drilling 1747 ft to 1875 ft Circulate to regain losses (Pumped sweeps, build volume in mud tanks, 50% returns regained to 80% returns) Drilling 1875 ft to 2011 ft (loosing app. 75 bbl/hr down hole) Started losing partial returns @ 800ft, and it gradually increased to 50%. It could be the same formation. There was no indication of any other drinks, just a steadily increasing loss.
May 3, 2004	DRILLING 2011 FT TO 2155 FT RIG SERVICE DRILLING 2155 FT TO 2165 FT RIG REPAIR (AIR LEAK) DRILLING 2165 FT TO 2315 FT CIRC HOLE CLEAN TOOH, L/D 8" BHA RIG UP CASING EQUIP & RUN 9-5/8", 36# CASING
May 4, 2004	Running 9-5/8", 36#, J55 casing to 2314 ft Circulate (waiting on Halliburton to get set up) Cement w/ Halliburton: 20 bbl H2O ahead then LEAD / containing; 385 sx of Hi-Fill cement, 6% Gel, .6% EX-1, 3% Salt (bwoc), 1%HR-7, .25#/sx Flocele, 10#/sx Gilsonite; 11.6#; 3.12 yield; TAIL / containing; 234 sx of Prem. AG 300 cement, 2% CACL, .25 #/sx Flocele, 15.8#; 1.17 yield;

displaced 176 bbl; bumped plug w/1200psi, final circ pressure 650 psi
 Wait on cement
 Cut off casing & weld on well head
 Nipple up BOPE

May 5, 2004

Nipple up BOPE
 Test BOPE; 250psi low test for 5 min & 5000psi high test for 10 min on, PIPE RAMS, BLIND RAMS, 2 KILL LINE VALVES & 1 CHECK VALVE, 2 CHOKE LINE VALVES, 7 MANIFOLD VALVES, SUPER CHOKE, UPPER & LOWER KELLY VALVES, & DART VALVE. ANNULAR, 250 LOW FOR 5 MIN & 2500psi FOR 10 MIN. CASING TO 1500psi FOR 30 MIN. EVERYTHING TESTED!
 L/D 45 JNTS OF NEWER HARDBANDED "G" DP
 RIG SERVICE
 TIH, P/U BIT, MUD MOTOR, SHOCK, AND 40 JNTS OF "E" DP

May 7, 2004

Drilling 2859 ft to 3353 ft
 Survey, misrun
 Drilling 3353 ft to 3384 ft
 Survey
 Drilling 3384 ft to 3893 ft
 Survey
 Drilling 3893 ft to 4093 ft
 Rig repair, rotary table chain broke
 Drilling 4093 ft to 4291 ft

May 8, 2004

Drilling 4291 ft to 4354 ft
 Work on #2 pump
 Drilling 4354 ft to 4404 ft
 Survey
 Drilling 4404 ft to 4531 ft
 Circulate (drop survey)
 TOOH, xo bit
 TIH, xo 20 joints new hardbanded drillpipe

May 9, 2004

TIH, L/D 50 jnts slick dp & P/U 50 jnts new hardbanded dp
 Rig Service
 Drilling 4531 ft to 4802 ft
 Rig Repair
 Drilling 4802 ft to 4870 ft

May 10, 2004

Drilling 4870 ft to 5022 ft
 Survey @ 4937 ft
 Drilling 5022 ft to 5086 ft
 Rig service
 Work stuck pipe. (Differentially stuck). Spot 20 sk sawdust pill, wait 30 min, work pipe, no movement
 Circulate out sawdust & wait on isobutanol. Mix & spot a isobutanol-diesel pill & spot. Wait 30 min and work pipe. No movement. Tried setting with overpull of 100k, setting with 50k on it also tried putting 3 rounds of table torque and letting set for 30 min each.

May 11, 2004

Work stuck pipe (E-Z Spot pill spotted around BHA), try pulling up to 150k over & stacking all down no movement
 Pump foam/air mixture down hole w/ Weatherford, 1100 CFM. Circulate through choke line, closed annular bag, pipe released circulated out air/foam mixture with rig pumps.
 Trip 5 stands, no overpull, ream 2 jnts to bottom
 Drilling 5086 ft to 5288 ft

CONFIDENTIAL

May 12, 2004 Drilling 5288 ft to 5370 ft
Rig service
Drilling 5370 ft to 5698 ft

May 13, 2004 Drilling 5697 ft to 5707 ft
Circulate, drop survey
TOOH, L/D 15 jnts
TIH to shoe
Slip & cut drilling line
TIH, tag @ 5437 ft, L/D 7 jnts
Wash & Ream 272 ft to bottom
Drilling 5707 ft to 5820 ft

May 14, 2004 Drilling 5820 ft to 5933 ft
Rig service
Drilling 5933 ft to 6207 ft

May 15, 2004 Pump pill, drop survey, TOOH
Rig service
TIH
Wash and ream 85 ft to bottom
Install rotating head rubber
Drilling 6207 ft to 6377 ft

May 16, 2004 Drilling 6377 ft to 6569 ft
Rig service
Drilling 6569 ft to 7094 ft

May 17, 2004 Drilling 7094 ft to 7208 ft
Survey
Drilling 7208 ft to 7304 ft
Rig service
Drilling 7304 ft to 7635 ft
Work pipe (trying to get ball off bit)
Rig repair (rotary table clutch)
Drilling 7635 ft to 7655 ft
Bit is balled up.
Vis is 200+, derrick hand mixed 120 sx DAP on morn tour, wasn't supposed to mix any
Working on thinning it back to upper 30's.
Adjusted Pason costs to \$1100/day, made up \$8960 in back costs.

May 18, 2004 Drilling 7655 ft to 7875 ft
Rig service
Drilling 7875 ft to 8383 ft

May 19, 2004 Survey
Drilling 8383 ft to 8542 ft
Rig service
Drilling 8542 ft to 8613 ft
Circulate, pump pill
TOOH, for hole in casing
Pull wear ring, wait on wire line truck
Rig up and run casing log and cement bond log

- May 20, 2004 Running cmnt bond log, (having trouble getting log, tried circulating out air bubbles 1st with mud in tanks and then with clear reserve pit water, finally tool was able to detect with water)
Waiting on tools, Retrievable Bridge Plug
Make up RBP and TIH, set RBP @ 1500 ft, displace above plug with water & drop 5 sx sand, TOO H
Nipple down BOPE
Bond log showed cement to surface.
- May 21, 2004 Nipple down BOPE
Wait on welder
Cut off well head
Strap & P/U Washpipe. Wash over to 38 ft (KB). (Having to make up & break out pup jnts of wash-
pipe each time we pick something up. It takes an hour to make this happen. Had to get 2 more
pup joints out from machine shop.) Final wash pipe depth is 157 ft.
Lay down wash pipe & XO's, Pick up pipe cutter & DP, TIH to 150 ft
Cut casing at 150 ft
- May 22, 2004 Tooh, L/D casing cutter P/U speer, TIH speer in and hoist bad casing
Rig up Casing crews and L/D 150 feet of 9-5/8" casing
P/U dress up mill, TIH with same & dress up cut off, TOO H & L/D mill
P/U casing patch & new 9-5/8", 36#, J-55 casing & TIH to 150 ft, work patch over cutoff, pull 15k
Rig down casing equipment and wait on cementers
Cement with Halliburton, (Pressure test casing to 500# for 10 min, good), run 1" to 150' and pump
60 sx Type V w/ 12/3 THIXO "V", 14.9 #/ gal, 1.48 yield, 16 BBL slurry, cmnt to surface & staying
Wait on cement
Cut off casing & weld on head
Nipple up BOPE
- May 23, 2004 Test BOPE, blind rams, pipe rams, annular, HCR valve
Install wear ring in well head, wait on Halliburton tool hand
TIH w/ plug retriever tool, tag sand @ 1477 ft, wash sand, grab tool, pulled 20k over
Release packer w/ 500 psi above it, no gas, open annular and chain out of the hole
P/U new PDC & TIH, bit hangs up @ 150 ft, tooh, L/D PDC, P/U tricone and TIH to 150 ft
Milling @ 150 ft
X/O bits TIH w/ PDC, hung up again, TOO H, P/U Tricone
TIH to 1800 ft, P/U 50 jnt new hardband pipe, TIH to 6120 ft
- May 24, 2004 TIH
Fill pipe, circulate out slow thick, gassy, mud
L/D 25 jnts slick drill pipe & TIH to 8383 ft
Break circ, Wash & Ream 250 ft to bottom
Drilling 8613 ft to 8653 ft
Rig service
Drilling 8653 ft to 9038 ft
**WE ARE USING DP RUBBERS AND A NON ROTATING IBS ON THE KELLY ABOVE THE SAVER
SUB TO REDUCE FRICTION ON THE SURFACE CASING.**
- May 25, 2004 Drilling 9038 ft to 9102 ft
Rig service
Drilling 9102 ft to 9605 ft
- May 26, 2004 Drilling 9605 ft to 9700 ft
Rig service (BOP drill, 1 min 45 sec, everyone in locations and bag closed)
Drilling 9700 ft to 10111 ft

Circulate bottoms up for bit trip, pump pill, drop survey

May 27, 2004
TOOH, L/D 35 jts slick dp
X/O bits, inspect wellhead for wear, no wear detected
TIH to 1885 ft
Cut drilling line
TIH, P/U 35 jts fresh hardbanded dp
Ream F/ 9270 ft to 9328 ft
TIH to 10072 ft
Wash and ream 39 ft to bottom
Drilling 10111 ft to 10131 ft
Trip gas = 1721 units
Trip volume = 96 BBL; Calculated displacement = 85 BBL

May 28, 2004
Drilling 10131 ft to 10160 ft
Rig service
Drilling 10160 ft to 10279 ft

May 29, 2004
Drilling 10279 ft to 10341 ft
Rig service
Rig repair, air leak
Drilling 10341 ft to 10347 ft
Circulate, mix and pump weighted pill
TOOH, L/D mud motor & bit
P/U new mud motor & 3-6" DC's

May 30, 2004
TIH, L/D 30 slick DP
Drilling 10347 ft to 10411 ft

May 31, 2004
Drilling 10411 ft to 10446 ft
Rig service
Drilling 10446 ft to 10460 ft
Rig repair, both generators are down
Drilling 10460 ft to 10548 ft

June 1, 2004
Drilling 10548 ft to 10574 ft
Rig service
Drilling 10574 ft to 10685 ft

June 2, 2004
Drilling 10685 ft to 10692 ft
Rig service
Drilling 10692 ft to 10793 ft
Circulate, mix & pump weighted trip pill, drop survey
TOOH, pulled wear ring for a visual wear inspection, no excessive wearing

June 3, 2004
Checking BHA threads, 21 DC's, L/D 1 with bad pin
TIH, break circ @ 9500 ft, install new rotating head rubber
Wash & ream 10675 ft to 10793 ft
Drilling 10793 ft to 10836 ft
Rig repair, air compressor
Drilling 10836 ft to 10894 ft

June 4, 2004
Drilling 10894 ft to 11017 ft
Rig service

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Drilling 11017 ft to 11090 ft

June 5, 2004

Drilling 11090 ft to 11171 ft
Mix & pump weighted slug
TOOH
TIH w/ bit #10
Rig repair, working on low drum clutch

June 6, 2004

Rig repair, low drum clutch
Cut drilling line
TIH, install rot head, fill pipe @ 8233 ft
Drilling 11171 ft to 11323 ft

June 7, 2004

Drill ahead 8.75 hole 11323ft to 11,369ft
Service Rig
Drill 11,369 to 11,487ft

June 8, 2004

Drill ahead 8 3/4 hole - 11,487 to 11,500
Washpipe washed out. Break kelly and pull 5 stds.
Change out washpipe packing.
Rih hole with 5 stds of dp.
Drill ahead 8 3/4 hole - 11,500 to 11,513. Bit has quit.
Mix slug. Pump same. Drop survey tool.
Pooh with 112 stds of dp.
Finish trip out.
L/D Mud Motor. P/U Mud Motor and M/U Bit.
Tih to 8628. Install Rot Head.
Fill Pipe.
Finish Tih. L/D 7 stds of dp to ream out of gauge hole.
Intr Out Dull Loc Brng Gauge Out Rea
None left

June 9, 2004

Ream from 11,400 to 11,513
Clean B & M. Drilling ahead. Break in Bit no. 11. Drill 'f 11,513 to 11,528.
Service Rig
Drill 'f 11,528 to 11,624.
Drilling at 11,624. Shut down.
Repair chain on draw works.
Drill 'f 11,624 to 11,701.

June 10, 2004

Drill 'f 11,702 to 11,719.
Service Rig
Drill 'f 11,719 to 11,800.
Wiper Trip 'f 11,800 to 11,424.
Circ and cond mud for logs @ 11,800.

Pump pill. Tooh. L/D 1 jt.
Pull Rot Head. Tooh and L/D 1 jt.
R/U Logger. Run Triple Combo with PE.

June 11, 2004

Running Wireline Logs
RUNNING Wireline Logs. Rigging Dn Logging Truck.

L/D Motor. Finish Rigging Dn Logging Truck.
Rih with 23 DC's. L/D same.
Tih with DP.

June 12, 2004

Tih. Remove rubbers on last 15 stds.
P/u kelly. Break circ.
Set kelly back. P/u 24 jts. And run to bottom.
P/u kelly and circ. at 90 spm.
Pull 6 stds. to 11,200. Circ. at 90 spm.
Circ. and condition mud at 90 spm. R/u Hal.
Set kelly back. Set 80 sx cement plug and pull 4 stds.
Circ hole Volumn + 50%. Total 14,480 strokes.
Pull 10 stds. L/d 2 jts.. Pump 95 sx cement plug no. 2.
Pull up to 9400'. Circ. At 100 spm to a total of 12,610 strokes.

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

FORM 9

011

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-46842
2. NAME OF OPERATOR: Miller, Dyer & Co. LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 475 17th Street, Ste 1200 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1928 FEL 1716FSL COUNTY: Uintah		8. WELL NAME and NUMBER: Ute Tribal #10-2-15-20
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 2 15S 20E STATE: UTAH		9. API NUMBER: 4304735625
		10. FIELD AND POOL, OR WILDCAT:
		PHONE NUMBER: (303) 292-0949

CONFIDENTIAL

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

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

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
Perforate, swab, flow test and evaluate data on various Mesaverde sand between 5466 and 6070. Set CIBP and perf, swab, frac and flow test Wasatch formation @ 3772 to 3789.

Miller, Dyer & Co. LLC requests that all well information remain confidential.

NAME (PLEASE PRINT) Janet K Specht TITLE Operations Secretary
SIGNATURE *Janet K Specht* DATE 11/29/2004

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

012

SUNDRY NOTICES AND REPORTS ON WELLS

5. LEASE DESIGNATION AND SERIAL NUMBER:

ML-46842

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Ute Tribal #10-2-15-20

9. API NUMBER:

4304735625

10. FIELD AND POOL, OR WILDCAT:

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1. TYPE OF WELL

OIL WELL

GAS WELL

OTHER _____

2. NAME OF OPERATOR:

Miller, Dyer & Co. LLC

3. ADDRESS OF OPERATOR:

475 17th Street, Ste 1200 CITY Denver

STATE CO

ZIP 80202

PHONE NUMBER:

(303) 292-0949

4. LOCATION OF WELL

FOOTAGES AT SURFACE: 1928 FEL 1716FSL

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE 2 15S 20E

STATE:

UTAH

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

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

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

Please see the attached report for the daily completion information. Frac'd Wasatch and flow tested well. Waiting on pipeline hookup to place on production.

Miller, Dyer & Co. LLC requests that all well information remain confidential.

NAME (PLEASE PRINT) Janet K Specht

TITLE Operations Secretary

SIGNATURE

DATE 12/3/2004

(This space for State use only)

RECEIVED
DEC 06 2004
DIV. OF OIL, GAS & MINING

Miller, Dyer & Co., LLC
DAILY COMPLETION REPORT
Ute Tribal 10-2-15-20

SEQUENCE OF OPERATIONS

- 8-Nov Travel time from Price, Utah to location- Hold safety meeting
 RU completion rig over well head- move dog house and BOPE w/ trailer to location- Wait on Cameron Well Head to install tubing head.
 Travel time from location to man camp.
- 9-Nov Travel time from man camp to location
 ND Well Head - install adapter flange 7 1/16 X 11" 5M w/ 2" outlet. Spot rig pump; clean and spot swab tank. Cleanup on CR 32-11 (pickup trash)
 Help to get rig up truck unstuck on location. Hook up rig pump and tank.
 Travel time from location to man camp.
- 11-Nov Travel time from man camp to location
 Hold safety meeting- discuss today's operations- Start rig- wait on Wireline Truck
 RU Excell wireline truck. Run CBL w/ temperature probe from 6158' (tagged cement) to TOC. Correlate to HES- SDL DSN open hole log dated 6/10/04. Call bond quality and report to Denver, Colo (Matt Strever).
 NU 7 1/16 adapter flange to tubing head and pressure test casing to 5000 psi- hold and monitor for 15 minutes. Release pressure.
 NU 6" 3M BOPE to tubing head- Prepare to RIH with wireline to perforate.
 RIH and perforate Wasatch Formation from 3782 - 3786' , and 3773' - 3776' utilizing 3 3/8" gun with 23g charges as follows with 3 spf, 120 degree phasing (21 holes). (3782' - 3786'= 12 holes , and 3773' - 3776'= 9 holes)
 Fill in rat and mouse holes utilizing roustabout crew- station trailer, carrying tubing string, by well head with 48 joint 2 7/8 tubing. Prepare to RIH.
 RIH with notched collar, 1 joint 2 7/8" tubing, seating nipple, and 47 joint tubing. Send roustabout crew, 12 miles, for another load of tubing.
 SDFN- secure well with 2 7/8 TIW valve and close pipe rams. Return travel from location to Man Camp.
- 12-Nov Travel time from man camp to location. Hold safety meeting 0 psi casing 0 psi tubing.
 Wait on Roustabout Crew to deliver tubing to location- Crew did not show up.
 Travel to Flat Rock 28-1A location- chain up crew truck-Help company rep load 48 joints tubing- deliver to Ute Tribal 10-2.(Load 30 more joints on Diamondback trailer for tomorrow.)
 RIH with 48 joints of 2 7/8" tubing. SDFN
 Travel to 29-1A location- look at Diamondback trailer with 30 joints 2 7/8 tubing. Will haul to Ute Tribal 10-2 in the morning with freeze.
 Travel to Man camp.
- 13-Nov To Flat Rock 28-1A, haul trailer with 30 joints 2 7/8 tubing to Ute Tribal 10-2. Spot trailer at well- prepare to run in hole with tubing. Hold safety meeting
 Discuss today's operations- Casing= 0 psi Tubing= 0 psi
 RIH with 19 joints of 2 7/8" tubing, making a total of 123 joints of tubing in hole. Landing notched collar at 3767.04' and seating nipple at 3737'.
 Hook up lubricator and prepare to swab on well. Add flags to swab line, change ring gaskets on lubricator.
 4 swab runs 34 bbbs returned no oil present in swabs- 0 psi
 Pulled sand line out of rope socket- swab cups, sinker bar and rope socket fell to seating nipple. Sand line was frayed approx 20' past end. New sand line, first time for it to be run in hole.
 TOOH with 2 7/8 tubing. Remove sinker bar, rope socket and cups from top of seating nipple. Melt lead from rope socket.
 RIH with 2 7/8" tubing string. Landing notched collar at 3767.04' and seating nipple at 3737'. Repair rope socket and attach to sand line.
 SDFN- Close pipe rams and add TIW valve to tubing. Return travel to man camp from location.
- 14-Nov Travel time from man camp to location
 Discuss today's operations- Hold safety meeting Casing= 0 psi Tubing= 0 psi
 Rig up to swab- pull 8000 lbs on rope socket to insure that it will hold up while swabbing.
 4 swab runs 20 bbbs returned 1st swab run tag fluid @ 1000' 4 th run tag fluid at 2000'. Casing = 0 psi
 5 swab runs - 9 runs total 14 bbbs returned - 34 bbbs total slight gas cut during swab 2300' fluid level Casing = 0 psi
 2 swab runs - 11 total runs 7 bbbs returned - 41 bbbs total slight gas cut during swab 2600' fluid level Casing= 0 psi
 change out swab cups
 2 swab runs - 13 total runs 7 bbbs returned - 48 bbbs total slight gas cut during swab 3200' fluid level Casing= 0 psi
 fluid level at 3200' but only pulling about 50' fluid on each run. Visit with Bob and John, decided to pump 20 bbbs and break down formation.
 Hook up rig pump to tubing- pump 24 bbbs produced water down tubing at 2 to 3 BPM with casing closed. Did not see any increase in pressure or pressure change on tubing while pumping, but casing pressure came up to 25 psi.
 3 swab runs - 16 total runs 7 bbbs returned - 55 bbbs total slight gas cut during swab runs fluid level on first run 1500', 3rd run= 1900'
 25 psi on casing.
 5 swab runs - 21 total runs 16 bbbs returned - 71 bbbs total slight gas cut during swab runs 2900' fluid level casing= 25 psi
 3 swab runs - 24 total runs 11 bbbs returned - 82 bbbs total slight gas cut during swab runs - 3200' fluid level casing= 25 psi
 SIFN Travel time from location to man camp. BBLs pumped today= 24 BBLs Recovered today= 82 TLTR= 92 bbbs overload
- 15-Nov Travel time from man camp to location
 Discuss today's operations- Hold safety meeting Casing= 0 psi Tubing= 0 psi Prepare to start swabbing
 3 swab runs 5 bbbs returned Fair amount of gas in first swab run 3200' fluid level on 1st run
 2 swab runs - 5 runs total 6 bbbs returned - 11 bbbs total Slight gas cut during swab 3600' fluid level Casing = 0 psi

Discuss above criteria with Denver Office- Wait on directions

1 swab run - 6 runs total 1 bbl returned - 12 bbls total not enough water to determine amount of gas 3550 fluid level Casing= 0 psi
 ND lubricator and sand line- prepare to trip out of hole
 TOOH with 2 7/8 tubing string-- SDFN
 Travel time from location to man camp .

16-Nov

Travel time from man camp to location

Discuss today's operations- Hold safety meeting Casing= 40 psi -12 minutes to bleed off casing - wait on wireline company.

RU Excell Wireline Company to perforate Mesa Verde Formation

RIH with wireline and perforate Mesa Verde Formation at 6050 - 6055', 6030' - 6035', and 5728' - 5736' on first run; then 5697' - 5699', 5558' - 5570', 5572' - 5577' on 2nd run, and 5545' - 5550', 5483' - 5492' on 3rd and last run in hole, utilizing 3 3/8" gun with 23g charges as follows with 4 spf, 120 degree phasing. All perforating runs and shots went as designed. Gas bubble while perforating @ 6030'. No pressure or water volume change.

Rig up to RIH with 5 1/2" packer and work string.

RIH with Notched collar (.3'), one joint 2 7/8 tubing, 5 1/2" Packer (6'), and 178 joints (5459') 2 7/8" tubing. Landing Notched collar at 5465' and packer at 5433'.

RU lubricator and make one swab run- tag fluid at 3600'- only pulled 300' of fluid on first run w/ soft rubber cups. No paraffin, or hydrocarbon on first run. SDFN Return travel from location to man camp.

Packer had 2 3/8 ID - did not run seating nipple in tubing string.

17-Nov

Travel time from man camp to location

Discuss today's operations- Hold safety meeting Casing= 0 psi Tubing= 0 psi

RIH with swab line- tag fluid at 3200'. Noticed about 5 different unraveled spots in sand line- come out of hole with out pulling any fluid.

Remove approx 3000' of bad sand line- reattach rope socket to sand line- attach flags - prepare to swab

3 swab runs 5 bbls returned 3200' fluid level 1st run; 3500' fluid level on 3rd run- some paraffin and coal fines in swab runs- light brown produced water

1 swab run - 4 runs total 1 bbl returned - 6 bbls total 3500' fluid level- can not pull any fluid.

1 swab run - 5 runs total 0 bbls returned Go to 5000' (pull 1500') but can not get any fluid on returns- cups were covered with black, tar like, solid paraffin. Note- using a soft rubber cup for swabbing.

Run in hole with a harder rubber swab cup- can not get past 2500'

Run in hole with soft rubber cup- can not get past 3500'- cup has some black, tar like paraffin attached to it.

Rig crew standby while I call for availability of Hot Oil Truck for tomorrow. One will be on location at 7:00 - SDFN

Return travel to Vernal, Utah from location- Note- will not charge travel time other than .5 hours to man camp.

total bbls recovered= 6 bbls TLTR= 100 bbls overload

18-Nov

Travel time from man camp to location

Discuss today's operations- Hold safety meeting Casing= 0 psi Tubing= 0 psi

RU Hot Oil Truck- reverse circulate 150 bbls of produced water, heated to 200 degrees. Casing and tubing volume= 120 bbls + 30 bbls more to allow paraffin on bottom to be circulated to surface. NOTE- 55 bbls to load hole. The other 95 bbls recovered while circulating. A lot of paraffin present during the first 75 bbls circulated, also had a good gas cut in returns. Cleaned up for the next for the next 50 bbls circulated. The last 30 bbls circulated had a great deal of hydrocarbons (paraffin- oil) then cleaned up again for the last 10 bbls.

Prepare to swab

6 swab run - 16 bbls returned water fairly clean- light brown in color.

1st run fluid level at surface; 2nd run fluid level at 800'; 3rd run fluid level at 2200'; 4th run fluid level at 2700'; 5th run fluid level at 3800'; and 6th run fluid level at 4800'.

1 swab run - 7 runs total 3 bbls returned Swab line hanging up, slightly, while going in hole- Land and swab from packer set at 5433'- slight gas cut in returns. Water had slight trace of paraffin present- light brown in color. Caught a water sample at this point.

1 swab run - 8 runs total no water in swab run- again landed on top of packer with sand line

1 swab run - 9 runs total - No fluid in run - NOTE- let well bore sit for 1 hour before swab run was made- no water came in during this time.

Possible that paraffin has bottom zones plugged off below packer. Lay down Lubricator and prepare to TOOH.

TOOH- , Standing back 4000' of tubing and laying down 1459'. Close blind rams and SDFN- Return travel to man camp.

19-Nov

Travel time from man camp to location

Discuss today's operations- Hold safety meeting Casing= 0 psi -

Rig up power tongs- move trailer with extra tubing out of way- wait in Excell Wireline

RU Excell Wireline Service to RIH and set CIBP

RIH with wireline and set cast iron bridge plug at 3950'. Come out of hole after setting CIBP and rig down wireline services. Everything went as planned. No trouble getting in hole with bridge plug.

SDFN- secure well head- Travel time from location to Man Camp.

20-Nov

Travel time from man camp to location

Discuss today's operations- Hold safety meeting Casing= 0 psi - Assist then wait on HES to prepare for frac on Wasatch Formation

Spearhead 500 gal 15% HCL Acid and frac Wasatch Formation(3773 - 3848') with 72,500 lbs 20/40 sand utilizing 34,092 gal 20# Delta 200 Frac.

Shut down during pad - ISDP= 480 psi.; Shut down during acid on perms= 1175; (FG=0.95) . Because of crosslink problems job was pumped as a Delta 200 instead of Silverstim LT Aggressive package- Delta 200 Frac went as designed. 5 min = 1810 psi, 10 min = 1746 psi, 15 min = 1716 psi

Average pressure= 2100 psi, Average Rate= 30 BPM, Max pressure= 2320 psi. Break at 2490 psi.
 RD HES- hook up flow line and choke from casing to flat tank. Wait on HES to remove equipment.
 74 bbls flow back Start with 660 psi on casing - 1 hour psi had dropped to 80 psi- gel still crosslink at start then broke at end of hour
 16 bbls flow back - 90 bbls total start at 80 psi then to 30 psi at end of hour- no crosslink fluid showing-
 11 bbls flow back - 101 bbls total Start at 30 psi then dropped to 5 psi in 30 minutes. Last 30 minutes well had slight gas flow. 0 psi at end of hour
 ND frac valve- NU 6" 3M BOPE. Hook up power tongs , prepare to run tubing in hole.
 RIH with notched collar, seating nipple and 49 joints of 2 7/8 tubing. Dark and could not see- SDFN
 Total fluid pumped today= 812 bbls Total recovered today= 101 bbls TLTR= 711 bbls

21-Nov Travel time from man camp to location
 Discuss today's operations- Hold safety meeting Casing= 0 psi Tubing= 0 psi - Start and warm up rig- Casing valves froze and had to unthaw
 RIH with tubing - tag fill at 3780'- prepare to reverse circulate 170' of sand from well.
 Rig pump froze up- thaw out pump and flow line- wait on water truck to bring production water needed to circulate sand from well bore.
 Start reverse circulation- pump 41 bbls produced water before returns were established- Circulate down 3 joints or 94' of sand (from 3780' to 3874')
 from well bore.
 Rig down equipment for circulating, drain rig pump. ND BOPE, NU well head, and RU to prepare to start swabbing. (pick up lubricator and add swab "T" to well head).
 Travel time from location to Vernal, Utah NOTE- water froze at man camp- I tried to thaw out water line but did not have the right equipment.
 water pumped today= 41 bbls TLTR= 752

22-Nov Travel time from Vernal, Utah to location.
 Discuss today's operations- Hold safety meeting Casing= 0 psi Tubing= 0 psi - Start and warm up rig - prepare to swab on well.
 4 runs 32 bbls returned - fluid level at surface- 300' fluid level on 4th run 0 psi casing
 4 swab runs - 8 runs total 17 bbls returned - 49 bbls total 1000' fluid level no gas in swab runs
 4 swab runs - 12 runs total 14 bbls returned - 63 bbls total 1500' fluid level 0 psi casing
 4 swab runs - 16 runs total 26 bbls returned - 89 bbls total 1500' fluid level no gas present in swab runs
 3 swab runs - 19 runs total 21 bbls returned - 110 bbls total 1800' fluid level starting to show a little gas during swab runs
 4 swab runs - 23 runs total 17 bbls returned - 127 bbls total 1800' fluid level gas cut in swab runs 0 psi casing
 4 swab runs - 27 runs total 21 bbls returned - 148 bbls total 1800' fluid level gas cut present in swab runs 0 psi on casing
 4 swab runs - 31 runs total 30 bbls returned - 178 bbls total 1800' fluid level gas cut in swab runs 0 psi on casing
 SDFN- Return travel time from location to man camp
 Fluid returned today= 178 bbls TLTR= 574 bbls

23-Nov Travel time from Vernal, Utah to location.
 Discuss today's operations- Hold safety meeting Casing= 0 psi Tubing= 0 psi - Start and warm up rig - prepare to swab on well.
 4 runs 23 bbls returned - fluid level at 900' first run; 1700' fluid level on 4th run 0 psi casing
 4 swab runs - 8 runs total 26 bbls returned - 49 bbls total 1900' fluid level small gas cut in swab runs
 3 swab runs - 11 runs total 13 bbls returned - 662 bbls total 1900' fluid level 0 psi casing- paraffin present in run- good gas cut in runs
 2 swab runs - 13 runs total 25 bbls returned - 87 bbls total 1900' fluid level good gas cut present in swab runs - 0 psi casing
 change swab cups- drain flow back tank
 1 swab run - 14 runs total 17 bbls returned - 104 bbls total 2100' fluid level - good gas cut during swab- gassing for 5 min after swab.
 3 swab runs - 17 runs total 25 bbls returned - 129 bbls total 2000' fluid level good gas cut present in swab runs 0 psi on casing- some gas after
 swab runs- no water after runs 0psi on casing
 4 swab runs - 21 total runs 25 bbls returned - 154 bbls total 2000' fluid level a lot of gas in each swab run, with gas flow after each run. 0 psi
 on casing but no longer on a vacuum.
 2 swab runs - 23 total runs 11 bbls returned - 165 bbls total 2000' fluid level a lot of gas in each run, with gas flow after each run (5 to 10 Min.)
 casing starting to build pressure.
 Travel time from location to Man Camp.
 Total bbls recovered today= 154 TLTR= 420 bbls

24-Nov Travel time from man camp to location- ck pressures 120 psi tubing 100 psi casing- hold safety meeting
 1 swab run 14 bbls returned 1300' tag fluid - pull 800' of fluid, the first 500 feet being yellow paraffin- well started to
 return on its own- a lot of gas- shut in add choke to flow line. Set choke at 40 and let flow (if choke is set lower then it only blows gas and no water)
 Casing pressure at 100 psi; tubing pressure at 120 psi for the first 1/2 hour- tubing slowly went to 0 psi. (Flowed for approx. 1 1/4 hours).
 2 swab runs - 3 runs total 12 bbls returned - 26 bbls total 1700' fluid level still paraffin in returns- a lot of gas in each run will continue to flow
 gas and water for 3 minutes after each run. Gas will come after this for approx 4-5 minutes. Casing = 170 psi
 3 swab runs - 6 runs total 28 bbls returned - 54 bbls total 1700' to 1900' fluid level - some paraffin in returns- still flowing gas and water after each
 run then turning to just gas for a few minutes. Casing= 190 psi
 3 swab runs - 9 runs total 17 bbls returned - 71 bbls total 1700 - 1900 fluid level good gas cut present in swab runs -21 0 psi on casing-
 alot of gas inswab runs- still flowing after each run for about 1 minute
 3 swab runs - 12 runs total 32 bbls returned - 103 bbls total 1700' fluid level - Casing at 240 psi - a lot of gas in each run and flowing for a short
 period after each run. Some paraffin present in each run.
 2 swab runs - 14 runs total 21 bbls returned - 124 bbls total 1700 to 1900' fluid level - Casing at 270 psi - still a lot of gas in each run- some after.
 3 swab runs - 17 runs total 18 bbls returned - 142 bbls total 1700' to 1900' fluid level - a lot of gas present in each run- even slowing run down will
 blow water and paraffin , from swab tub, 20' in the air. Flowing after each run approx 15 minutes. Casing @ 320 psi.
 2 swab runs - 19 runs total 10 bbls returned - 152 bbls total 1800' fluid level Casing at 390 psi- flowing after each run

total fluid recovered today = 152 bbls TLTR= 268 bbls

- 26-Nov Motor to location with swab rig-
Rig up over well head with swab rig, and underneath Excell rig- wanted to be sure it would fit. Return to roosevelt, UH
Return travel from location to Roosevelt, Utah
- 27-Nov Travel time from Roosevelt, Utah to location
Hold Safety Meeting- Discuss pressure and how well will act- discuss bleeding off tubing through choke- Hook up bleed off line and swab T
Casing pressure at 920 psi; tubing pressure at 240 psi
Blow down tubing - open choke to 18- a lot of paraffin and gas in blow down- some water towards end of flow back- pressure dropped quickly
prepare to swab on well
1 swab run 22 bbls returned Initial pressure at 920 psi casing and 610 psi on tubing- tagged fluid at 200 , pulled 500' of fluid
Well started flowing right away, and might have come on without help if we had waited. At 200' fluid level it was almost to surface, but we did not have
pressure on tubing. A lot of paraffin in flow back Choke at 30 to allow fluid to unload. At 11:15 with 820 psi on casing it just stopped flowing, choke @48
2 swab runs - 3 runs total 24 bbls returned - 46 bbls total casing pressure= 840 psi flow after swab run- a lot of gas, water and paraffin flow in
stages. Tubing pressure 25 psi with choke at 48
2swab runs - 5 runs total 14 bbls returned - 60 bbls total casing pressure = 800 psi- good gas flow after each swab run with water and paraffin
coming in stages. Fluid level at 1200' Tubing pressure at 40 psi with choke set at 48
2 swab runs - 7 runs total 15 bbls returned - 75 bbls total casing pressure= 800 psi; Tubing pressure= 50 psi with choke set at 50%
3 swab runs - 10 runs total 21 bbls returned - 96bbls total casing pressure= 700 psi, and tubing pressure at 100 psi after first swab was completed
and choke set at 45 during flow back. Well slowly stopped after each swab (30 min. each). SDFN after well stopped flowing.
Drain all line - secure well for night- 2 hours Return travel time to Roosevelt, Utah
total fluid recovered today = 96 bbls TLTR= 172 bbls
- 28-Nov Travel time from Roosevelt, Utah to location
Hold Safety Meeting- Check pressures Casing= 950 psi Tubing= 160 psi start and warm rig bleed pressure off tubing and prepare to swab
Swab rig air lines and valves froze; try to thaw out with torch and adding methanol to air lines. Could not get air to controls on back end of rig, to
.control throttle and brakes to swab unit. Could not get mechanic until tomorrow mid morning. Release rig - take to shop to thaw out.
Drain all flow back lines- SDFN
Return to Roosevelt, Utah from location with swab rig.
- 29-Nov Travel time from Price, Utah to location
Hold Safety Meeting- Check pressures Casing= 1100 psi Tubing= 10 psi start and warm rig bleed pressure off tubing and prepare to swab
2 swab runs 22 bbls returned Swab runs were with sinker bar only- no swab cups. After 2nd run well started flowing- pressure on
tubing came up to 900 psi. First 1/2 hour a lot of yellow wax and some water, with pressure dropping from 900 psi to 700 psi. For the next 1 1/2
hours only gas coming on returns and pressure dropped from 700 psi to 200 psi, with choke starting at 18 and ending at 34. For the next 1/2 hour a lot
of water and some paraffin in returns with pressure going from 200 to 0 psi and choke set from 30 to 40 %. Casing pressure stayed constant at 800
psi through out flow back period.
3 swab runs - 5 runs total 55 bbls returned - 77 bbls total (first 2 runs pulled 500' fluid, 3rd run pulled 800') Fluid level at 1300' on all 3 runs.
a lot of paraffin at first of flow back. Casing at 775 psi and went to 800 psi during flow back. Tubing at 200 psi with choke set at 26, then dropped to 90
psi for 2 hours of flow back, then 30 psi for last 1/2 hour with choke at 34.
2 swab run - 7 runs total 26 bbls returned - 103 bbls total Casing stayed at 775 psi during flow back. Tubing started at 60 psi with choke at 24
then slowly dropped to 0 psi with choke open slowly to 40 to match psi. Choke was fully opened, when tubing pressure was at 30 psi , to see if
tubing would unload, but it would not. Pressure slowly dropped to 0 psi, with water flowing in stages. Drain all lines and SDFN
Travel time from location to Vernal, Utah NOTE- water frozen at man camp- Mountain West will come and heat tape all lines properly.
Total fluid recovered today= 103 bbls TLTR= 69 bbls Water sample taken at 100 bbls TLTR- dropped off at Halliburton 11/29/04
- 30-Nov Travel time from Vernal, Utah to location
Hold Safety Meeting- Check pressures Casing= 950 psi Tubing= 260 psi start and warm rig
Start bleeding tubing off- well started flowing- tubing pressure came up to 800 psi, casing came down to 820 psi. Set choke at 18 to control gas flow and
let flow for 30 minutes. Casing pressure stayed at 775 psi, but tubing dropped to 400 psi. Open choke to 40 to allow fluid to unload. Tubing pressure
dropped to 200 psi and water with some paraffin started coming. Set choke at 34 and let well produce. Flow for two hours returning 58 bbls of fluid.
A slight gas flow on tubing and not enough pressure to show on gauge. Shut well in for 30 minutes, to see if tubing would build pressure. Some but not
enough to flow well.
prepare to make first swab runs for the day.
3 swab runs 32 bbls returned - 90 bbls total 1500' fluid level Pulled 500' of fluid on each run- fluid would flow some on each them came
around on its own after 3rd run. A lot of paraffin returned at beginning then a small amount during flow back. Casing stayed at 800 psi and tubing came
up to 300 psi at the beginning of returns. Choke set at 24 to control pressure then 34 to allow fluid to unload.
1 swab run - 4 runs total 4 bbls returned - 94 bbls total 1800' fluid level Some water at first then mainly gas flow (small steady flow) then well
loaded up with fluid again and gas stopped.
2 swab runs - 6 runs total 29 bbls returned - 133 bbls total 1800' fluid level 600 psi on casing and 100 psi on tubing at beginning of flow. Casing
back to 750 and tubing at 0 at end of flow back.
SDFN- Travel time from location to Vernal, Utah (NOTE- Pool well Service truck off road, another snubbed to it to keep it from rolling. Could not get
past pickup. Had to wait on front end loader.
Total fluid recovered today= 133 bbls TLTR= 64 bbls overload

1-Dec

Travel time from Vernal, Utah to location

Hold Safety Meeting- Check pressures Casing= 920 psi Tubing= 400 psi start and warm rig

Start bleeding pressure off tubing- choke open to 50- a small amount of paraffin then a slow gas flow for 15 minutes. Casing dropped to 720 and tubing went to 0 psi. Prepare to make first swab run.

2 swab runs - 41 bbls returned 1700' fluid level on both runs- 1st run mainly paraffin in returns, and well blew for about 10 minutes. Pulled 1000' of fluid on 1st run and 1100' on 2nd run). 2nd run a lot of paraffin at first then water with some paraffin. Initial pressure at the start of flow back was casing = 760 psi and tubing = 100 psi. Returned fluid at 34 choke for 1 1/2 hours until paraffin loaded up and stopped flow.

2 swab runs - 4 total runs 91 bbls returned - 132 bbls total 1900' fluid level on both runs, pulling 1200 feet of fluid on both. 1st run some paraffin and gas for about 10 minutes. 2nd run well started flowing again. A lot of paraffin at onset of flow back- then water w/ some paraffin. Good gas cut during flow back with fluid coming in stages. 740 psi on casing during flow back, tubing anywhere from 25 to 75 psi. At 1500 hrs tubing had dropped to 500 psi and tubing at 150 psi. Fluid still coming in stages. Set choke at 24 to keep pressure up on casing. Pressure on tubing slowly dropped to 0 psi.

Drain Lines- empty flat tank to pit- and SDFN (flow "T" left on well head to flow and swab on well in the morning.)

Travel time from location to Vernal, Utah (water lines at man camp still froze. Should be repaired tomorrow.)

NOTE- water sample taken at 130 bbls overload for analysis.

2-Dec

Travel time from Vernal, Utah to location (icy roads)

Hold Safety Meeting- Check pressures Casing= 850 psi Tubing= 500 psi start and warm rig

Open well head , blow tubing down Well came flowing- starting with a lot (5 - 6 bbls) of yellow paraffin. Choke set at 18 to control pressure.

Casing pressure came down to 550 and tubing pressure came up and stabilized at 450 psi. Well flowing, with a good gas cut and fluid coming in stages. **GAS RATE ESTIMATED @ 1.0MMCFD.** 30 bbls returned. Mechanic on location to repair brakes, so that rig it is movable. Mechanic's repair truck had to pull close to flow back so well was shut in to keep from igniting gas flow. Rig crew laying rig down for mechanic to repair brakes.

Finish rigging down at 11:00- help mechanic make necessary repairs to make rig movable.

Attempt to move rig. Rig, chained up on all four drivers, spun out on hill two miles from location. We had to get grader from Flat Rock 29-1A to assist in getting rig up hill. Then motor to Chimney Rock 32-11 and SDFN.

Return travel to Vernal, Utah from location (note- repairs to water lines at man camp should be made tomorrow.

Total fluid recovered today= 30bbls TLTR= 226 bbls overload

013

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

AMENDED REPORT [] FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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

2. NAME OF OPERATOR: Miller, Dyer & Co. LLC

3. ADDRESS OF OPERATOR: 475 17th Str St 1200 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 292-0949

4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 1928 FEL 1716FSL AT TOP PRODUCING INTERVAL REPORTED BELOW: same AT TOTAL DEPTH: same

14. DATE SPURRED: 4/29/2004 15. DATE T.D. REACHED: 6/10/2004 16. DATE COMPLETED: 12/2/2004

18. TOTAL DEPTH: MD 11,800 TVD 11,800 19. PLUG BACK T.D.: MD 6,158 TVD 6,158 20. IF MULTIPLE COMPLETIONS, HOW MANY? *

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each) VRI, SDL, DSN, GR, SP, CBL/CCL

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

Table with columns: HOLE SIZE, SIZE/GRADE, WEIGHT (#/ft.), TOP (MD), BOTTOM (MD), STAGE CEMENTER DEPTH, CEMENT TYPE & NO. OF SACKS, SLURRY VOLUME (BBL), CEMENT TOP **, AMOUNT PULLED

25. TUBING RECORD

Table with columns: SIZE, DEPTH SET (MD), PACKER SET (MD)

26. PRODUCING INTERVALS

Table with columns: FORMATION NAME, TOP (MD), BOTTOM (MD), TOP (TVD), BOTTOM (TVD), INTERVAL (Top/Bot - MD), SIZE, NO. HOLES, PERFORATION STATUS

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

Table with columns: DEPTH INTERVAL, AMOUNT AND TYPE OF MATERIAL

29. ENCLOSED ATTACHMENTS:

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

30. WELL STATUS:

SI

CONFIDENTIAL

RECEIVED DEC 27 2004

DIV OF OIL GAS & MINING

CONFIDENTIAL PERIOD EXPIRED ON 1-2-06

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED: 12/1/2004		TEST DATE: 12/1/2004		HOURS TESTED: 6		TEST PRODUCTION RATES: →		OIL - BBL: 5	GAS - MCF: 1	WATER - BBL: 30	PROD. METHOD: Flow Test
CHOKE SIZE: 18/64	TBG. PRESS. 450	CSG. PRESS. 550	API GRAVITY 45.00	BTU - GAS 1,150	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS: Wasatch	

INTERVAL B (As shown in Item #26)

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

INTERVAL C (As shown in Item #26)

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

INTERVAL D (As shown in Item #26)

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

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Gas will be sold into Comet Pipeline pending ROW from Ute Tribe.

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Green River	0	2,934	Water bearing sandstone	Green River	0
Wasatch	2,934	4,010	Gas Sands	Wasatch	2,934
Mesaverde	4,010	6,319	Water / Gas Sands	Mesaverde	4,010
Castlegate	6,031	6,319	Sandstone	Castlegate	6,031
Dakota	10,174	10,780	Sand/Shale	Mancos	6,319
Morrison	10,780	11,148	Sand / Shale	Dakota Silt	10,082
Entrada	11,148	11,516	Water Sand	Dakota	10,780
Wingate	11,516	11,800	Gas / Water Sand	Entrada	11,148
				Wingate	11,516

35. ADDITIONAL REMARKS (Include plugging procedure)

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

NAME (PLEASE PRINT) JOHN E. DYER TITLE OPERATIONS MGR.
 SIGNATURE [Signature] DATE 12/17/2004

This report must be submitted within 30 days of

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

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

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

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

RECEIVED

JAN 12 2005

DIV. OF OIL, GAS & MINING

Miller, Dyer & Co LLC

Memo

CONFIDENTIAL

To: Utah Division of Oil Gas and Mining

From: Janet Specht

CC: File

Date: January 7, 2005

Re: Ute Tribal 10-2-15-20 – Form 8

T15S R20E S-2 4304A-35625

I am sending the enclosed Cement Bond Log on the Ute Tribal 10-2-15-20 for reference in relation to the previous filing of Form 8. This log was not available at the time of the original mailing. Please advise us if you need further information.

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: Various
2. NAME OF OPERATOR: Miller, Dyer & Co. LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 475 17th Street, Suite 1200 Denver CO 80202		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		8. WELL NAME and NUMBER: Ute Tribal 10-2-15-20
PHONE NUMBER: (303) 292-0949		9. API NUMBER: 43-047-35625
		10. FIELD AND POOL, OR WLD/CAT: STATE: UTAH

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

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

This notice is to inform the division of the necessity to commingle production from the State leases listed below to an off-lease storage facility at T10S R20E Section 3 NENW. Miller, Dyer & Co. LLC, operator of the listed leases, has not been able to secure a commitment from a crude buyer to transport from the listed leases. The listed leases (Flat Rock and Chimney Rock fields) are approximately 45 miles south of the off-lease storage site on unimproved roads. As operator we will maintain adequate records (tank gauges at the wells and the off-lease storage facility coupled with hauling tickets) to insure the production and sales are properly calculated and allocated in accordance with division regulations.

State Lease	Legal Description	Well(s)
ML-44317	T14S, R20E, Section 32	Ute Tribal 32-2, 32-4, 32-6, 32-10
ML-46842	T15S, R20E, Section 2	Ute Tribal 10-2-15-20
ML-47437	T13S, R21E, Section 32	Chimney Rock 32-13, 32-14

COPY SENT TO OPERATOR
Date: 4-12-07
Initials: km

NAME (PLEASE PRINT) Jeff Lang TITLE Vice President of Operations
SIGNATURE [Signature] DATE 3/19/2007

(This space for State use only)

APPROVED BY THE STATE
DIVISION OF OIL, GAS AND MINING

4/10/07
[Signature]

(See Instructions on Reverse Side)

(5/2000)

RECEIVED
APR 06 2007
DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ
2. CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

6/1/2008

FROM: (Old Operator):
 N2580-Miller, Dyer & Co, LLC
 475 17th St, Suite 1200
 Denver, CO 80202
 Phone: 1 (303) 292-0949

TO: (New Operator):
 N2680-Whiting Oil & Gas Company
 1700 Broadway, Suite 2300
 Denver, CO 80290
 Phone: 1 (303) 837-1661

CA No.		Unit:						
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

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/5/2008
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/5/2008
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 7/16/2008
- 4a. Is the new operator registered in the State of Utah: Business Number: 5890476-0143
- 4b. If **NO**, the operator was contacted on: _____
- 5a. (R649-9-2)Waste Management Plan has been received on: REQUESTED 7/16/2008
- 5b. Inspections of LA PA state/fee well sites complete on: done
- 5c. Reports current for Production/Disposition & Sundries on: ok
- 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 not yet BIA not yet
- Federal and Indian Units:**
 The BLM or BIA has approved the successor of unit operator for wells listed on: n/a
- Federal and Indian Communization Agreements ("CA"):**
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The 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:

- Changes entered in the **Oil and Gas Database** on: 7/16/2008
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 7/16/2008
- Bond information entered in RBDMS on: 7/16/2008
- Fee/State wells attached to bond in RBDMS on: 7/16/2008
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: 7/16/2008

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: UTB000148
- Indian well(s) covered by Bond Number: RLB0011681
- 3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number RLB0004585
- 3b. The **FORMER** operator has requested a release of liability from their bond on: not yet

LEASE INTEREST OWNER NOTIFICATION:

- (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: n/a

COMMENTS:

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: See Attached List
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: See Attached List
2. NAME OF OPERATOR: Whiting Oil And Gas Company <i>N2680</i>		9. API NUMBER:
3. ADDRESS OF OPERATOR: 1700 Broadway, Ste 2300 CITY Denver STATE CO ZIP 80290		PHONE NUMBER: (303) 837-1661
4. LOCATION OF WELL		10. FIELD AND POOL, OR WILDCAT:
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		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Effective 6/1/2008, please change the Operator of record from Miller, Dyer & Co., LLC to Whiting Oil and Gas Corporation. Whiting Oil and Gas Corporation Utah State bond is #RLB0004585 or Utah BLM Bond #UTB-000148. See attached well list.

RLB0004585

Whiting Oil and Gas Corporation
1700 Broadway, Suite 2300
Denver, CO 80290
(303) 837-1661

BIA RLB0011681

Miller, Dyer & Co., LLC
475 17th Street, Suite 1200
Denver, CO 80202

N2580

RECEIVED

JUN 05 2008

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>JEFFREY H. LANG</u>	TITLE <u>UP OPERATIONS</u>
SIGNATURE <u><i>JHL</i></u>	DATE <u>6/3/08</u>

NAME (PLEASE PRINT) <u>Rick Ross</u>	TITLE <u>UP OPERATIONS</u>
SIGNATURE <u><i>Ross</i></u>	DATE <u>6/3/08</u>

(This space for State use only)

APPROVED 7/16/2008
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

well_name	sec	twp	rng	api	entity	lease	well	stat 2	flag
UTE TRIBAL 32-5A	32	140S	200E	4304710577	12655	State	GW	S	
UTE TRIBAL 30-3A	30	140S	200E	4304710913	12395	Federal	OW	P	
UTE TRIBAL 30-5A	30	140S	200E	4304720502	12654	Federal	GW	S	
UTE TRIBAL 30-2A	30	140S	200E	4304730641	8112	Federal	GW	P	
UTE TRIBAL 29-1A	29	140S	200E	4304730981	8118	Federal	GW	P	
UTE TRIBAL 32-1A	32	140S	200E	4304732758	12064	State	OW	P	
UTE TRIBAL 29-2A	29	140S	200E	4304732945	8118	Federal	OW	P	
UTE TRIBAL 32-2A	32	140S	200E	4304733333	12658	State	GW	P	
UTE TRIBAL 32-3A	32	140S	200E	4304733334	12657	State	GW	S	
UTE TRIBAL 32-4A	32	140S	200E	4304733335	12656	State	GW	P	
UTE TRIBAL 32-6A	32	140S	200E	4304733337	12662	State	GW	P	
CHIMNEY ROCK 32-11	32	130S	210E	4304733445	12984	State	GW	S	
CHIMNEY ROCK 32-13	32	130S	210E	4304733447	12985	State	GW	P	
CHIMNEY ROCK 32-14	32	130S	210E	4304733448	12983	State	GW	P	
UTE TRIBAL 32-8A	32	140S	200E	4304733557	13066	State	GW	P	
UTE TRIBAL 32-12A	32	140S	200E	4304733558	13064	State	GW	P	
UTE TRIBAL 28-1A	28	140S	200E	4304733595	13059	Federal	GW	S	
UTE TRIBAL 30-6A	30	140S	200E	4304733596	13062	Federal	GW	P	
UTE TRIBAL 29-4A	29	140S	200E	4304733616	13060	Federal	GW	P	
UTE TRIBAL 29-5A	29	140S	200E	4304733617	13061	Federal	GW	P	
UTE TRIBAL 32-7A	32	140S	200E	4304733618	13065	State	GW	S	
UTE TRIBAL 32-9A	32	140S	200E	4304733619	13067	State	GW	P	
UTE TRIBAL 32-10A	32	140S	200E	4304733620	13054	State	GW	P	
UTE TRIBAL 32-11A	32	140S	200E	4304733621	13058	State	GW	S	
UTE TRIBAL 32-16A	32	140S	200E	4304734098	13449	State	GW	P	
UTE TRIBAL 29-6A	29	140S	200E	4304734102	13443	Federal	GW	P	
UTE TRIBAL 29-7A	29	140S	200E	4304734103	13444	Federal	GW	P	
UTE TRIBAL 10-2-15-20	02	150S	200E	4304735625	14167	State	GW	P	
FLAT ROCK 13-29-14-20	29	140S	200E	4304736778	15065	Federal	GW	P	
FLAT ROCK 3-29-14-20	29	140S	200E	4304736795	15099	Federal	GW	P	
UTE TRIBAL 6-16-14-20	16	140S	200E	4304738506	16320	State	GW	P	
UTE TRIBAL 15-25-14-19	30	140S	200E	4304739052	16169	Indian	GW	P	C
UTE TRIBAL 1-25-14-19	30	140S	200E	4304739053		Indian	GW	APD	
UTE TRIBAL 1-30-14-20	30	140S	200E	4304739665		Federal	GW	APD	
UTE TRIBAL 9-30-14-20	30	140S	200E	4304739666		Federal	GW	APD	
UTE TRIBAL 7-30-14-20	30	140S	200E	4304739667		Federal	GW	APD	
UTE TRIBAL 7-29-14-20	29	140S	200E	4304739668		Federal	GW	APD	
UTE TRIBAL 9-29-14-20	29	140S	200E	4304739669		Federal	GW	APD	
UTE TRIBAL 12-28-14-20	28	140S	200E	4304739736		Federal	GW	APD	
UTE TRIBAL 1-29-14-20	29	140S	200E	4304739737		Federal	GW	APD	
UTE TRIBAL 15-29-14-20	29	140S	200E	4304739738		Federal	GW	APD	
UTE TRIBAL 3-30-14-20	30	140S	200E	4304739739		Federal	GW	APD	
UTE TRIBAL 11-30-14-20	30	140S	200E	4304739740		Federal	GW	APD	
UTE TRIBAL 3-32-14-20	32	140S	200E	4304739741		State	GW	APD	
UTE TRIBAL 15-30-14-20	30	140S	200E	4304739942		Federal	GW	APD	



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

April 19, 2012

CERTIFIED MAIL NO.: 7011 0110 0001 3568 1960

Mr. Thomas Smith
Whiting Oil & Gas Corporation
1700 Broadway STE 2300
Denver, CO 80290-2300

43 047 35625
Ute Tribal 10-2-15-20
15S 20E 2

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Smith:

As of January 2012, Whiting Oil & Gas Corporation has three (3) State Lease Wells (see attachment A) that have been added as being in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT.



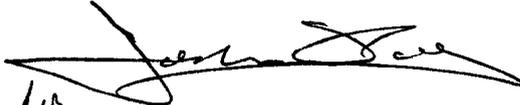
Page 2
Whiting Oil & Gas Corporation
April 19, 2012

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,


for
Dustin K. Doucet
Petroleum Engineer

DKD/JP/js
Enclosure
cc: Compliance File
Well File
LaVonne Garrison, SITLA

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

ATTACHMENT A

	Well Name	API	LEASE	Years Inactive
1	CARBON CANAL 5-12	43-015-30709	ML-49116	3 Years 9 Months
2	UTE TRIBAL 32-1A	43-047-32758	ML-44317	2 Years 2 Months
→ 3	UTE TRIBAL 10-2-15-20	43-047-35625	ML-46842	1 Year 6 Months



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

October 18, 2012

CERTIFIED MAIL NO.: 7010 1670 0001 4810 3539

Mr. Thomas Smith
Whiting Oil & Gas Corporation
1700 Broadway STE 2300
Denver, CO 80290-2300

43 047 35625
Ute Tribal 10-2-15-20
15S 20E 2

Subject: **Second Notice: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases**

Dear Mr. Smith:

As of January 2012, Whiting Oil & Gas Corporation (Whiting) has seven (7) State Lease Wells (see attachment A) that are in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. One of the wells (Attachment A) is under outstanding Notice of Violation (NOV.) The Utah Division of Oil, Gas and Mining (Division) wishes to inform Whiting that these wells were previously noticed September 20, 2011. On February 10, 2012, Whiting responded stating that four (4) of the wells (including the NOV) were under plan to plug and abandon. Nothing more was received by the Division concerning these plans. On April 19, 2012, Whiting was notified of three (3) additional wells added as being in non-compliance status. To date, the Division has not received any documentation nor seen any efforts being made to move these wells out of non-compliance status.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).



Page 2
Whiting Oil & Gas Corporation
October 18, 2012

Please note that the Divisions preferred method for showing well integrity is by MIT.

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet
Petroleum Engineer

DKD/JP/js

cc: Compliance File
Well File
LaVonne Garrison, SITLA

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

ATTACHMENT A

	Well Name	API	LEASE	Years Inactive	Plan to PA
2nd Notice					
1	CARBON CANAL 5-12	43-015-30709	ML-49116	3 Years 9 Months	
2	UTE TRIBAL 32-1A	43-047-32758	ML-44317	2 Years 2 Months	
3	UTE TRIBAL 10-2-15-20	43-047-35625	ML-46842	1 Year 6 Months	
4	FLAT ROCK 13-32-14-20	43-047-36992	ML-44317	10 Years 2 Months	X
5	FLAT ROCK 14-32-14-20	43-047-36993	ML-44317	10 Years 2 Months	X
6	FLAT ROCK 15-32-14-20	43-047-36994	ML-44317	10 Years 2 Months	X
OUTSTANDING NOV					
7	CHIMNEY ROCK 32-11	43-047-33445	ML-47437	4 Years 5 Months	X



Division of Oil, Gas and Mining

Operator Change/Name Change Worksheet-for State use only

Effective Date: 8/1/2015

FORMER OPERATOR:	NEW OPERATOR:
WHITING OIL & GAS CORPORATION N2680 1700 BROADWAY SUITE 2300 DENVER CO 80290	COBRA OIL & GAS CORPORATION N4270 PO BOX 8206 WICHITA FALLS TX 76307-8206
CA Number(s):	Unit Name: None

WELL INFORMATION:

Well Name	Sec	TWN	RNG	API	Entity	Mineral	Surface	Type	Status
See Attached List									

OPERATOR CHANGES DOCUMENTATION:

1. Sundry or legal documentation was received from the **FORMER** operator on: 8/4/2015
2. Sundry or legal documentation was received from the **NEW** operator on: 8/4/2015
3. New operator Division of Corporations Business Number: 9442951-0143

REVIEW:

1. Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: N/A
2. Receipt of Acceptance of Drilling Procedures for APD on: N/A
3. Reports current for Production/Disposition & Sundries: 10/5/2015
4. OPS/SI/TA well(s) reviewed for full cost bonding: 10/2/2015
5. UIC5 on all disposal/injection/storage well(s) approved on: N/A
6. Surface Facility(s) included in operator change: Chimney Rock Compressor
Flat Rock Compressor
7. Inspections of PA state/fee well sites complete on (only upon operators request): 10/15/2015

NEW OPERATOR BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: B009425
2. Indian well(s) covered by Bond Number: B009425
3. State/fee well(s) covered by Bond Number(s): B009455
B009568-FCB
B009567-FCB
B009566-FCB

DATA ENTRY:

1. Well(s) update in the **OGIS** on: 10/14/2015
2. Entity Number(s) updated in **OGIS** on: 10/14/2015
3. Unit(s) operator number update in **OGIS** on: N/A
4. Surface Facilities update in **OGIS** on: N/A
5. State/Fee well(s) attached to bond(s) in **RBDMS** on: 10/14/2015
6. Surface Facilities update in **RBDMS** on: 10/14/2015

LEASE INTEREST OWNER NOTIFICATION:

1. The **NEW** operator of the Fee (Mineral) wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

From: Whiting Oil Gas Corporation

To: Cobra Oil Gas Corporation

Effective: 8/1/2015

Well Name	Section	TWN	RNG	API Number	Entity	Mineral	Surface	Type	Status
UTE TRIBAL 32-5A	32	140S	200E	4304710577	12655	State	Indian	GW	P
UTE TRIBAL 30-3A	30	140S	200E	4304710913	12395	Federal	Indian	OW	P
UTE TRIBAL 29-1A	29	140S	200E	4304730981	8118	Federal	Indian	GW	P
UTE TRIBAL 32-2A	32	140S	200E	4304733333	12658	State	Indian	GW	P
UTE TRIBAL 32-6A	32	140S	200E	4304733337	12662	State	Indian	GW	P
CHIMNEY ROCK 32-13	32	130S	210E	4304733447	12985	State	State	GW	P
CHIMNEY ROCK 32-14	32	130S	210E	4304733448	12983	State	State	GW	P
UTE TRIBAL 32-8A	32	140S	200E	4304733557	13066	State	Indian	GW	P
UTE TRIBAL 32-12A	32	140S	200E	4304733558	13064	State	Indian	GW	P
UTE TRIBAL 30-6A	30	140S	200E	4304733596	13062	Federal	Indian	GW	P
UTE TRIBAL 29-5A	29	140S	200E	4304733617	13061	Federal	Indian	GW	P
UTE TRIBAL 32-7A	32	140S	200E	4304733618	13065	State	Indian	GW	P
UTE TRIBAL 32-9A	32	140S	200E	4304733619	13067	State	Indian	GW	P
UTE TRIBAL 32-10A	32	140S	200E	4304733620	13054	State	Indian	GW	P
UTE TRIBAL 32-16A	32	140S	200E	4304734098	13449	State	Indian	GW	P
UTE TRIBAL 29-6A	29	140S	200E	4304734102	13443	Federal	Indian	GW	P
UTE TRIBAL 29-7A	29	140S	200E	4304734103	13444	Federal	Indian	GW	P
UTE TRIBAL 10-2-15-20	2	150S	200E	4304735625	14167	State	Indian	GW	P
FLAT ROCK 13-29-14-20	29	140S	200E	4304736778	15065	Federal	Indian	GW	P
FLAT ROCK 3-29-14-20	29	140S	200E	4304736795	15099	Federal	Indian	GW	P
UTE TRIBAL 6-16-14-20	16	140S	200E	4304738506	16320	State	Indian	GW	P
UTE TRIBAL 15-25-14-19	30	140S	200E	4304739052	16169	Indian	Indian	GW	P
UTE TRIBAL 1-30-14-20	30	140S	200E	4304739665	16997	Federal	Indian	GW	P
UTE TRIBAL 3-30-14-20	30	140S	200E	4304739739	17526	Federal	Indian	GW	P
UTE TRIBAL 11-30-14-20	30	140S	200E	4304739740	17358	Federal	Indian	GW	P
UTE TRIBAL 5-32-14-20	32	140S	200E	4304739741	17406	State	Indian	GW	P
UTE TRIBAL 15-30-14-20	30	140S	200E	4304739942	17237	Federal	Indian	GW	P
UTE TRIBAL 1-25-14-19	30	140S	200E	4304750654	17454	Indian	Indian	GW	P
UTE TRIBAL 13-25-14-19	26	140S	190E	4304750689	17808	Indian	Indian	GW	P
UTE TRIBAL 5-25-14-19	26	140S	190E	4304750690	17760	Indian	Indian	GW	P
UTE TRIBAL 3-25-14-19	30	140S	200E	4304751030	17759	Indian	Indian	GW	P
CHIMNEY ROCK 32-11	32	130S	210E	4304733445	12984	State	State	GW	PA
UTE TRIBAL 32-11A	32	140S	200E	4304733621	13058	State	Indian	GW	PA
FLAT ROCK 13-32-14-20	32	140S	200E	4304736992	17354	State	Indian	D	PA
FLAT ROCK 14-32-14-20	32	140S	200E	4304736993	17355	State	Indian	D	PA
FLAT ROCK 15-32-14-20	32	140S	200E	4304736994	17356	State	Indian	D	PA
UTE TRIBAL 8-25-14-19	30	140S	200E	4304739053	17353	Indian	Indian	D	PA
UTE TRIBAL 30-5A	30	140S	200E	4304720502	12654	Federal	Indian	GW	S
UTE TRIBAL 30-2A	30	140S	200E	4304730641	8112	Federal	Indian	GW	S
UTE TRIBAL 32-1A	32	140S	200E	4304732758	12064	State	Indian	OW	S
UTE TRIBAL 29-2A	29	140S	200E	4304732945	8118	Federal	Indian	OW	S
UTE TRIBAL 32-3A	32	140S	200E	4304733334	12657	State	Indian	GW	S
UTE TRIBAL 32-4A	32	140S	200E	4304733335	12656	State	Indian	GW	S
UTE TRIBAL 28-1A	28	140S	200E	4304733595	13059	Federal	Indian	GW	S
UTE TRIBAL 29-4A	29	140S	200E	4304733616	13060	Federal	Indian	GW	S

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:
See attached exhibit

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
See attached exhibit

7. UNIT or CA AGREEMENT NAME:
See attached exhibit

8. WELL NAME and NUMBER:
See attached exhibit

9. API NUMBER:
See attach

10. FIELD AND POOL, OR WILDCAT:
See attached exhibit

1. TYPE OF WELL OIL WELL GAS WELL OTHER See attached exhibit

2. NAME OF OPERATOR:
COBRA OIL & GAS CORPORATION N4270

3. ADDRESS OF OPERATOR: PO Box 8206 Wichita Falls TX 76307-8206 PHONE NUMBER: (940) 716-5100

4. LOCATION OF WELL
FOOTAGES AT SURFACE: See attached exhibit COUNTY: Uintah
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		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: <u>8/1/2015</u>	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

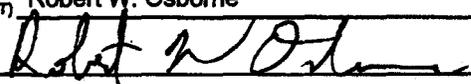
Effective August 1, 2015, Whiting Oil & Gas Corporation resigned as Operator of the wells listed on the attached Exhibit, and Cobra Oil & Gas Corporation has been designated as successor Operator.

Cobra Oil & Gas Corporation
PO Box 8206
Wichita Falls, TX 76307-8206
Phone: (940) 716-5100

Whiting Oil & Gas Corporation N2680
1700 Broadway, Suite 2300
Denver, CO 80290
Phone: (303) 837-1661


Rick Ross, Senior Vice President - Operations

Bonds through U.S. Specialty Insurance Company
Utah State Bond: B009455
BLM Nationwide Bond: B009425

NAME (PLEASE PRINT) Robert W. Osborne TITLE Vice President
SIGNATURE  DATE 7/14/15

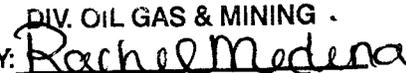
(This space for State use only)

APPROVED

(5/2000)

(See Instructions on Reverse Side)

OCT 14 2015

DIV. OIL GAS & MINING
BY: 

Well Exhibit for Utah DOGM

LEASE/UNIT	Lease #	Tribe Name	API #	FIELD	COUNTY	STATE	RESERVOIR	LOCATION: SEC - TWP - RNG
CHIMNEY ROCK 32-11	ML-47437		4304733445	SEEP RIDGE B	UINTAH	UT	DAKOTA	32-T13S-R21E
CHIMNEY ROCK 32-13	ML-47437		4304733447	SEEP RIDGE B	UINTAH	UT	DAKOTA-CEDAR MOUNTAIN	32-T13S-R21E
CHIMNEY ROCK 32-14	ML-47437		4304733448	SEEP RIDGE B	UINTAH	UT	DAKOTA-CEDAR MOUNTAIN	32-T13S-R21E
FLAT ROCK 13-29-14-20	UTU10166		4304736778	FLAT ROCK	UINTAH	UT	ENTRADA	29-T14S-R20E
FLAT ROCK 13-32-14-20	ML-44317		4304736992	FLAT ROCK	UINTAH	UT	WINGT	32-T14S-R20E
FLAT ROCK 14-32-14-20	ML-44317		4304736993	FLAT ROCK	UINTAH	UT	MESA VERDE	32-T14S-R20E
FLAT ROCK 15-32-14-20	ML-44317		4304736994	FLAT ROCK	UINTAH	UT	MESA VERDE	32-T14S-R20E
FLAT ROCK 30-3A	UTU019837		4304730729	FLAT ROCK	UINTAH	UT	N/A	30-T14S-R20E
FLAT ROCK 3-29-14-20	UTU10166		4304736795	FLAT ROCK	UINTAH	UT	ENTRADA	29-T14S-R20E
UTE TRIBAL 10-2-15-20	ML-46842		4304735625	FLAT ROCK	UINTAH	UT	WASATCH	2-T15S-R20E
UTE TRIBAL 11-30-14-20	UTU019837		4304739740	FLAT ROCK	UINTAH	UT	DAKOTA-BUCKHORN	30-T14S-R20E
UTE TRIBAL 1-25-14-19	1420H625581	Ute Tribe	4304750654	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E
UTE TRIBAL 1-30-14-20	UTU019837		4304739665	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E
UTE TRIBAL 13-25-14-19	1420H625581	Ute Tribe	4304750689	FLAT ROCK	UINTAH	UT	ENTRADA	26-T14S-R19E
UTE TRIBAL 15-25-14-19	1420H625581	Ute Tribe	4304739052	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E
UTE TRIBAL 15-30-14-20	UTU019837		4304739942	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E
UTE TRIBAL 28-1A	UTU10166		4304733595	FLAT ROCK	UINTAH	UT	DAKOTA	28-T14S-R20E
UTE TRIBAL 29-1A	UTU10166		4304730981	FLAT ROCK	UINTAH	UT	WASATCH	29-T14S-R20E
UTE TRIBAL 29-2A	UTU10166		4304732945	FLAT ROCK	UINTAH	UT	WASATCH	29-T14S-R20E
UTE TRIBAL 29-3A	UTU10166		4304732946	FLAT ROCK	UINTAH	UT	WASATCH	29-T14S-R20E
UTE TRIBAL 29-4A	UTU10166		4304733616	FLAT ROCK	UINTAH	UT	DAKOTA	29-T14S-R20E
UTE TRIBAL 29-5A	UTU10166		4304733617	FLAT ROCK	UINTAH	UT	CEDAR MOUNTAIN	29-T14S-R20E
UTE TRIBAL 29-6A	UTU10166		4304734102	FLAT ROCK	UINTAH	UT	CURTIS-ENTRADA	29-T14S-R20E
UTE TRIBAL 29-7A	UTU10166		4304734103	FLAT ROCK	UINTAH	UT	CURTIS-ENTRADA	29-T14S-R20E
UTE TRIBAL 30-1	UTU019837		4304715764	FLAT ROCK	UINTAH	UT	WASATCH	30-T14S-R20E
UTE TRIBAL 30-2A	UTU019837		4304730641	FLAT ROCK	UINTAH	UT	WASATCH	30-T14S-R20E
UTE TRIBAL 30-3A	UTU019837		4304710913	FLAT ROCK	UINTAH	UT	WASATCH	30-T14S-R20E
UTE TRIBAL 30-4A	UTU019837		4304716520	FLAT ROCK	UINTAH	UT	TW	30-T14S-R20E
UTE TRIBAL 30-5A	UTU019837		4304720502	FLAT ROCK	UINTAH	UT	WASATCH	30-T14S-R20E
UTE TRIBAL 30-6A	UTU019837		4304733596	FLAT ROCK	UINTAH	UT	DAKOTA	30-T14S-R20E
UTE TRIBAL 32-10A	ML-44317		4304753620	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-11A	ML-44317		4304733621	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-12A	ML-44317		4304733558	FLAT ROCK	UINTAH	UT	CEDAR MOUNTAIN	32-T14S-R20E
UTE TRIBAL 32-16A	ML-44317		4304734098	FLAT ROCK	UINTAH	UT	DAKOTA-CEDAR MOUNTAIN	32-T14S-R20E
UTE TRIBAL 32-1A	ML-44317		4304732758	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-2A	ML-44317		4304733333	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-3A	ML-44317		4304733334	FLAT ROCK	UINTAH	UT	WASATCH-MESAVERDE	32-T14S-R20E
UTE TRIBAL 32-4A	ML-44317		4304733335	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 3-25-14-19	1420H625581	Ute Tribe	4304751030	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E

Well Exhibit for Utah DOGM

LEASE/UNIT	Lease #	Tribe Name	API #	FIELD	COUNTY	STATE	RESERVOIR	LOCATION: SEC - TWP - RNG
UTE TRIBAL 32-5A	ML-44317		4304710577	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-6A	ML-44317		4304733337	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-7A	ML-44317		4304733618	FLAT ROCK	UINTAH	UT	WASATCH	32-T14S-R20E
UTE TRIBAL 32-8A	ML-44317		4304733557	FLAT ROCK	UINTAH	UT	DAKOTA	32-T14S-R20E
UTE TRIBAL 32-9A	ML-44317		4304733619	FLAT ROCK	UINTAH	UT	DAKOTA-CEDAR MOUNTAIN	32-T14S-R20E
UTE TRIBAL 3-30-14-20	UTU019837		4304739739	FLAT ROCK	UINTAH	UT	ENTRADA	30-T14S-R20E
UTE TRIBAL 5-25-14-19	1420H625581	Ute Tribe	4304750690	FLAT ROCK	UINTAH	UT	ENTRADA	26-T14S-R19E
UTE TRIBAL 5-32-14-20	ML-44317		4304739741	FLAT ROCK	UINTAH	UT	DAKOTA ENTRADA	32-T14S-R20E
UTE TRIBAL 6-16-14-20	ML-47502		4304738506	FLAT ROCK	UINTAH	UT	ENTRADA	16-T14S-R20E
UTE TRIBAL 8-25-14-19	1420H625581	Ute Tribe	4304739053	FLAT ROCK	UINTAH	UT	N/A	30-T14S-R20E



RECEIVED

AUG 04 2015

DIV. OF OIL, GAS & MINING

July 16, 2015

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

Re: Change of Operator

Whiting Oil and Gas Corporation respectfully submits change of operator
sundries for Flat Rock field in Uintah County, UT.

The new operator is
Cobra Oil and Gas Corporation
PO Box 8206
Witchita Falls, TX 76307-8206
Phone: (940) 716-5100

Regulatory Admin for Cobra:
Barbara Pappas
940-716-5103
Barbara@cobraogc.com

Please contact Barbara Pappas or myself if you should have questions or need
additional information.

Best Regards,

Cara Mezydlo,
Engineering Technician III – Central Rockies Asset Group
(303) 876-7091
Cara.mezydlo@whiting.com

*Whiting Petroleum Corporation
and its wholly owned subsidiary
Whiting Oil and Gas Corporation*



RECEIVED
AUG 04 2015
DIV. OF OIL, GAS & MINING

July 16, 2015

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

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Whiting Oil and Gas Corporation respectfully submits change of operator
sundries for Flat Rock field in Uintah County, UT.

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Cobra Oil and Gas Corporation
PO Box 8206
Witchita Falls, TX 76307-8206
Phone: (940) 716-5100

Regulatory Admin for Cobra:
Barbara Pappas
940-716-5103
Barbara@cobraogc.com

Please contact Barbara Pappas or myself if you should have questions or need
additional information.

Best Regards,

Cara Mezydlo,
Engineering Technician III – Central Rockies Asset Group
(303) 876-7091
Cara.mezydlo@whiting.com

*Whiting Petroleum Corporation
and its wholly owned subsidiary
Whiting Oil and Gas Corporation*



Rachel Medina <rachelmedina@utah.gov>

Plugged Wells

8 messages

Rachel Medina <rachelmedina@utah.gov>
To: Barbara Pappas <barbara@cobraogc.com>

Thu, Aug 6, 2015 at 11:05 AM

Hi Barbara,

The following Whiting wells are listed on the request for the Cobra operator change, but are currently plugged. Our Division does not usually move plugged well unless the new operator has plans to reenter the wells. Will this be the case for Cobra?

CHIMNEY ROCK 32-11	32	130S	210E	4304733445
UTE TRIBAL 32-11A	32	140S	200E	4304733621
FLAT ROCK 13-32-14-20	32	140S	200E	4304736992
FLAT ROCK 14-32-14-20	32	140S	200E	4304736993
FLAT ROCK 15-32-14-20	32	140S	200E	4304736994
UTE TRIBAL 8-25-14-19	30	140S	200E	4304739053

Also, the following wells were listed on the exhibit but are not currently operated by Whiting. They will not move in the operator change.

Flat Rock 30-3A 4304730729
Ute Tribal 30-1 4304715764
Ute Tribal 30-4A 4304716520

Thanks!

—
Rachel Medina
Division of Oil, Gas & Mining
Bonding Technician
801-538-5260

Rachel Medina <rachelmedina@utah.gov>
To: Barbara Pappas <barbara@cobraogc.com>

Thu, Aug 6, 2015 at 2:36 PM

Hi Barbara,

Cobra is also taking over 3 State/Fee wells that have been shut in for over a year. Because of this our Petroleum Engineer is requesting a shut in plan and full cost bonding. For the shut in plan you will need to submit an outline and time frame of the plans for each well. To determine full cost bonding you will need to submit a plugging estimate, our engineer will evaluate the cost and set the bond for each well at the estimate or depth bonding (as outline in the rules), whichever is greater.

Please let me know if you have any questions.

Thanks!

[Quoted text hidden]

Barbara Pappas <barbara@cobraogc.com>
To: Rachel Medina <rachelmedina@utah.gov>

Thu, Aug 6, 2015 at 3:10 PM

Rachel:

I have forwarded to my managers and hopefully will have an answer for you soon.

Thanks,

Barbara

From: Rachel Medina [mailto:rachelmedina@utah.gov]

Sent: Thursday, August 06, 2015 3:37 PM

To: Barbara Pappas <barbara@cobraogc.com>

Subject: Re: Plugged Wells

[Quoted text hidden]

Rachel Medina <rachelmedina@utah.gov>
To: Barbara Pappas <barbara@cobraogc.com>

Fri, Aug 14, 2015 at 8:58 AM

Hi Barbara,

The Division received confirmation that the plugged wells need to be moved to Cobra. At this point we are waiting for shut in plans and plugging estimates on the following wells.

UTE TRIBAL 32-1A

UTE TRIBAL 32-3A

UTE TRIBAL 32-4A

Thanks!

[Quoted text hidden]

Charlie Gibson <charlie@cobraogc.com>
To: "rachelmedina@utah.gov" <rachelmedina@utah.gov>
Cc: Rory Edwards <rory@cobraogc.com>, Bobby Hess <bhess@cobraogc.com>, Kyle Gardner <kgardner@cobraogc.com>, Barbara Pappas <barbara@cobraogc.com>

Wed, Aug 19, 2015 at 8:40 AM

Rachel,

We have studied the wells listed below and our estimate to plug the wells is \$20,000/well. We also believe that the wells still have economic potential and plan on working on the wells by 10-1-2015 to attempt to re-establish production. Let me know if you have any questions.

Charlie Gibson

Operations Manager

Cobra Oil & Gas

(940)716-5100 (o)

(940)781-6260 (c)

From: Rachel Medina [mailto:rachelmedina@utah.gov]
Sent: Friday, August 14, 2015 9:59 AM
To: Barbara Pappas <barbara@cobraogc.com>
Subject: Re: Plugged Wells

Hi Barbara,

[Quoted text hidden]
[Quoted text hidden]

Rachel Medina <rachelmedina@utah.gov>
To: Dustin Doucet <dustindoucet@utah.gov>

Wed, Aug 19, 2015 at 4:46 PM

What are your thoughts on the full cost bonding and the shut in plan?
[Quoted text hidden]

Dustin Doucet <dustindoucet@utah.gov>
To: Rachel Medina <rachelmedina@utah.gov>

Wed, Aug 19, 2015 at 6:16 PM

Without more supporting evidence of their P&A cost estimate, I don't feel comfortable with the estimate provided. It appears several plugs may need to be drilled out to properly isolate formations with open perfs with cement as required by rule. I doubt this was taken into consideration in their estimates. Since they are proposing to work the wells over by October 1, 2015, I would be willing to accept the \$30,000 depth bond per well to get these transferred and let them get the work done with the caveat that we will require more information on P&A costs and would require full cost bonds if found to be more than \$30K per well if the work is not done by October 1, 2015.

[Quoted text hidden]

—
Dustin K. Doucet
Petroleum Engineer
Division of Oil, Gas and Mining
1594 West North Temple, Ste 1210
Salt Lake City, Utah 84116
801.538.5281 (ofc)
801.359.3940 (fax)

web: www.ogm.utah.gov

Rachel Medina <rachelmedina@utah.gov>
To: Charlie Gibson <charlie@cobraogc.com>
Cc: Rory Edwards <rory@cobraogc.com>, Bobby Hess <bhess@cobraogc.com>, Kyle Gardner <kgardner@cobraogc.com>, Barbara Pappas <barbara@cobraogc.com>

Thu, Aug 20, 2015 at 9:09 AM

Hi Charlie,

The following is our Petroleum Engineer's review;

-Ute Tribal 32-1A, Ute Tribal 32-3A and Ute Tribal 32-4A are each required to have a \$30,000.00 individual bond.
-Cobra's plan to put the wells on production by October 1, 2015 is accepted, however a condition has been placed that if the wells are not producing by October 1st the Division **will require** a new P&A estimate be

submitted and reviewed for full cost bonding.

Please submit bonding for each well, if Cobra needs the new bonding forms again please let me know. As soon as the bond is received we can begin to process the operator change.

Thanks!

[Quoted text hidden]



Rachel Medina <rachelmedina@utah.gov>

Utah Change of Operator from Whiting to Cobra

1 message

Charlie Gibson <charlie@cobraogc.com>

Thu, Aug 13, 2015 at 2:17 PM

To: "rachelmedina@utah.gov" <rachelmedina@utah.gov>

Cc: Jeff Dillard <jeff@cobraogc.com>, Bob Osborne <bob@cobraogc.com>, Stephen Howard <Showard@basinoilandgas.com>, Caven Crosnoe <ccrosnoe@scglaw.com>, Rory Edwards <rory@cobraogc.com>, Phil Rugeley <phil@cobraogc.com>, Rick Haskin <rick@cobraogc.com>, Barbara Pappas <barbara@cobraogc.com>

Dear Rachel,

We have been informed by Whiting Oil and Gas Corporation that you have requested an email from Cobra Oil & Gas Corporation acknowledging that we have agreed to assume all plugging, abandoning and reclamation obligations for the wells described below. In accordance with the terms and conditions of the Purchase and Sale Agreement (Agreement) between Whiting Oil and Gas Corporation (Seller) and Cobra Oil & Gas Corporation, et al (Buyer), please be advised the Buyer assumed the obligation to plug and abandon all wells located on the Lands and reclaim all well sites located on the Lands regardless of when the obligations arose. Accordingly Cobra Oil and Gas Corporation, as Operator, assumes those obligations and liabilities associated with the wells described below:

CHIMNEY ROCK 32130S 210E4304733445
32-11

UTE TRIBAL 32- 32140S 200E4304733621
11A

FLAT ROCK 13- 32140S 200E4304736992
32-14-20

FLAT ROCK 14- 32140S 200E4304736993
32-14-20

FLAT ROCK 15- 32140S 200E4304736994
32-14-20

UTE TRIBAL 8- 30140S 200E4304739053
25-14-19

Flat Rock 30-3A 4304730729

Ute Tribal 30-1 4304715764

Ute Tribal 30-4A 4304716520

Sincerely,

Charlie Gibson

Operations Manager

Cobra Oil & Gas

(940)716-5100 (o)

(940)781-6260 (c)