

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

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse side)

5. Lease Designation and Serial No.
ML-47437

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL DEEPEN PLUG BACK
b. Type of Well
Oil Well Gas Well Other Single Zone Multiple Zone

6. If Indian, Allottee or Tribe Name
N/A

7. Unit Agreement Name
N/A

2. Name of Operator
Del-Rio Resources, Inc.

8. Farm or Lease Name
Chimney Rock

3. Address of Operator
P.O. Box 459 Vernal, UT 84078 (435)789-8162

9. Well No.
#32-11

4. Location of Well (Report location clearly and in accordance with any State requirements.)
At surface
2116' FSL 2081' FWL
At proposed prod. zone
620, 840 E
4,388, 733 N

10. Field and Pool, or Wildcat
Wildcat

11. Sec., T., R., M., or Blk. and Survey or Area
Sec. 32, T13S, R21E, SLB&M

14. Distance in miles and direction from nearest town or post office*
See Topo Map "A" (Attached)

12. County or Parrish 13. State
Uintah UT

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) 2081'
16. No. of acres in lease 640
17. No. of acres assigned to this well 40
18. Distance from proposed location to nearest well, drilling, completed, or applied for, on this lease, ft. 1045'
19. Proposed depth 6309'
20. Rotary or cable tools Rotary
21. Elevations (Show whether DF, RT, GR, etc.) 6576' GR
22. Approx. date work will start* A.S.A.P.

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12 1/4"	9 5/8"	36#	300'	See Attached Drilling Plan
8 3/4"	7"	26# 29#	6309'	See Attached Drilling Plan

Per L.C. 1-1300 (RSC)

- M.I.R.U.
- Drill to T.D. 6309'
- Run 7" casing if commercial production is indicated.
- If dry hole, well will be plugged and abandoned as instructed by the State.
- Well will be drilled with fresh water to 1700', then Chem Gel Mud to T.D. Mud will be in place to run 7" casing.

I hereby certify that I am responsible by the terms and conditions of the Lease to conduct Lease Operations. Bond Coverage pursuant to 43 CFR 3104 for Lease Activities is being provided by First Security Bank in the form of a Certificate of Deposit. CD #0629992985402

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

24. Signed Laurence C. Caldwell Title President Date 12-9-99

(This space for Federal or State office use)

Permit No. 43047-33445 Approval Date _____

Approved by [Signature] Title BRADLEY G. HILL Date 1/27/00
Conditions of approval, if any: RECLAMATION SPECIALIST III

RECEIVED

*See Instructions On Reverse Side

DEC 13 1999

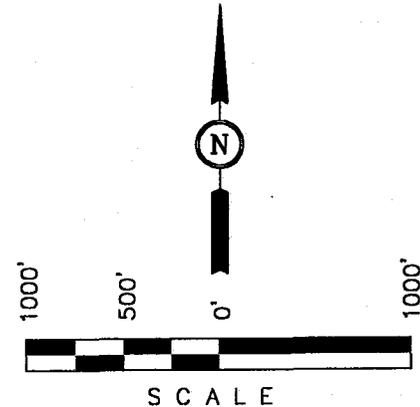
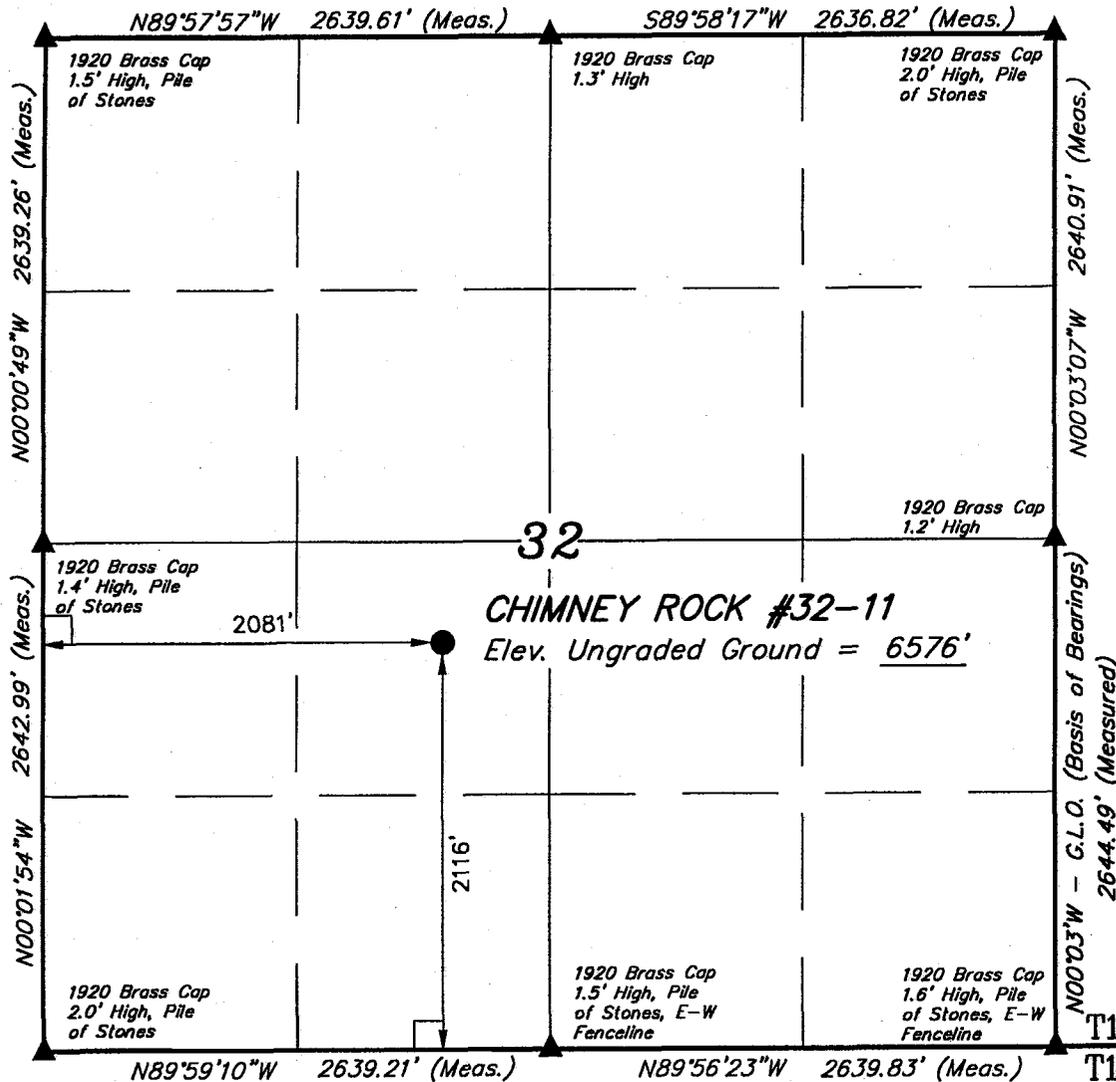
T13S, R21E, S.L.B.&M.

DEL-RIO RESOURCES, INC.

Well location, CHIMNEY ROCK #32-11, located as shown in the NE 1/4 SW 1/4 of Section 32, T13S, R21E, S.L.B.&M. Uintah County, Utah.

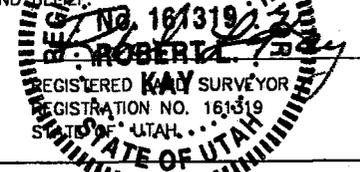
BASIS OF ELEVATION

BENCH MARK (63 WF) 1952 LOCATED AT A ROAD INTERSECTION IN THE SW 1/4 OF SECTION 29, T13S, R21E, S.L.B.&M. TAKEN FROM THE AGENCY DRAW NE, 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 6488 FEET.



CERTIFICATE

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



LEGEND:

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

LATITUDE = 39°39'00"
LONGITUDE = 109°35'32"

UINTAH ENGINEERING & LAND SURVEYING		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 09-23-99	DATE DRAWN: 10-18-99
PARTY K.K. R.W. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE DEL-RIO RESOURCES, INC.	

**DEL-RIO RESOURCES, INC.
DRILLING PLAN FOR THE
CHIMNEY ROCK #32-11**

I. DRILLING PLAN:

1. Geological Surface Formation: Green River

2. Estimated Tops:

<u>Name</u>	<u>Top</u>	<u>Prod. Phase Anticipated</u>
Wasatch	1830'	
Mesa Verde	3935'	↓
Nelsen	5327'	↓
Castlegate	5989'	Oil/Gas

3. CASING PROGRAM:

	<u>Depth</u>	<u>Hole Size</u>	<u>Csg. Size</u>	<u>Type</u>	<u>Weight</u>
Surface	300'	12-1/4"	9-5/8"	K-55 (LT&C)	36#/ft (new)
Prod.	6309'	8-3/4"	7"	N-80 (LT&C)	29#/ft (new)

4. Operator's Specification for Pressure Control Equipment:

- A. 3,000 psi W.P. Double Gate BOP (Schematic attached).
- B. Functional test daily.
- C. All casing strings shall be pressure-tested (0.2 psi/foot or 1500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.

Del-Rio Resources, Inc.
Chimney Rock #32-11

- D. All ram-type preventers and related control equipment shall be tested at the rated working pressure of the stack assembly or at 70 percent of the minimum internal yield pressure of the casing, whichever is less. Tests shall be done at the time of installation, prior to drilling out, and weekly. All tests shall be for a period of 15 minutes.

5. Auxiliary Equipment:

- A. Kelly Cock - yes.
- B. Float at the bit - no.
- C. Monitoring equipment on the mud system - Mud Logger.
- D. Full opening safety valve on rig floor - yes.
- E. Rotating head - yes.

6. Proposed Circulating Medium:

		Density		
<u>Depth</u>	<u>Mud Type</u>	<u>(lb./gal)</u>	<u>Viscosity</u>	<u>Water Loss</u>
0'-1700'	Fresh Water	8.4	30	no control
1700'-TD	Chem Gel	9.0	37-38	12 cc or less

7. Testing, Logging, and Coring Program:

- A. Cores - None.
- B. DST - none anticipated.
- C. Logging - DIFL/SP/GR (TD to surface).
ZDL/CN/CAL w/DFIL (TD to 2000' from surface).
MRIL (TD to 3000' from Surface)

Del-Rio Resources, Inc.
Chimney Rock #32-11

D. Formation and Completion Interval: Mesa Verde

Final determination of completion will be made by analysis of logs.
Stimulation - Stimulation will be designed for the particular area of interest as encountered.

E. Frac gradient - approximately .75 psi/ft.

8. Cementing Program:

<u>Casing</u>	<u>Volume</u>	<u>Type & Additives</u>
Surface	190 sx	Class "G" w/2% CaCl ₂ (based on 100% access)
Production	1600 sx	800 sx Class "G" followed by 800 sx 50/50 poz. mix. — 1.28 $\frac{CP}{SK}$

Cement Characteristics:

Class "G" - yield = 1.18 cu.ft. per. sack
weight = 15.8 lb./gal
strength = 3200 psi in 72 hrs @125 degrees

14.2109 per L.C.

1-13-00

ROK

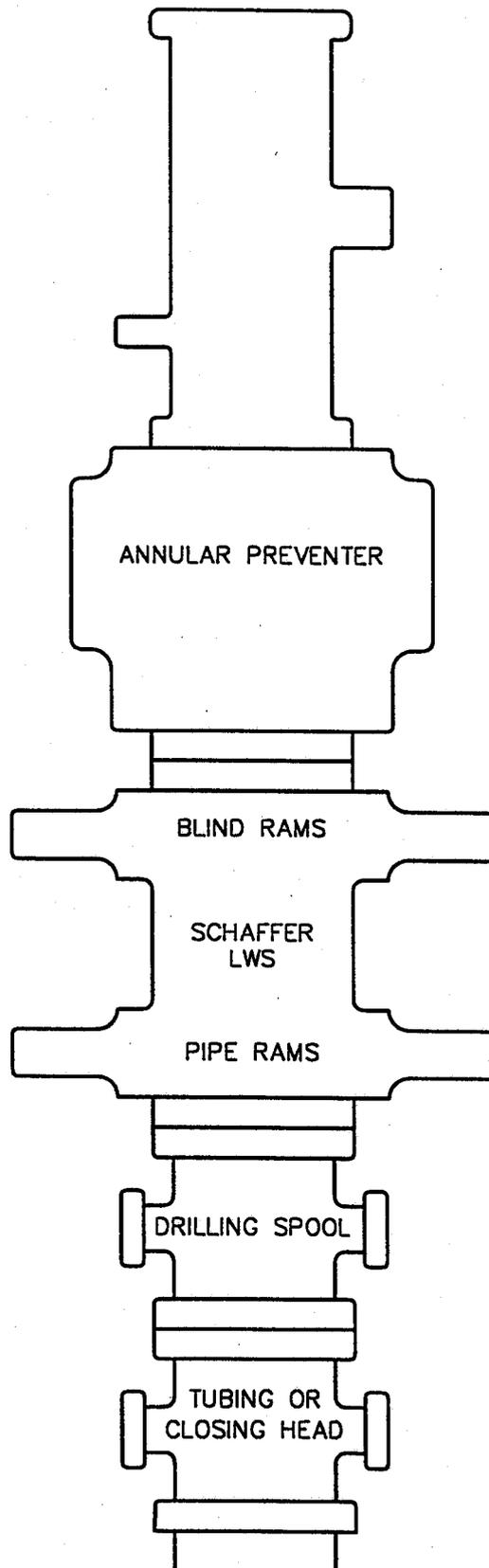
* Final cement volumes to be calculated from caliper log with an attempt to be made to circulate cement to 3000' from the surface. A bond log will be run across the zone of interest and across zones as required by the authorized officer to insure protection of natural resources.

Del-Rio Resources, Inc.
Chimney Rock #32-11

9. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards:

No abnormal temperatures or pressures are anticipated. No H₂S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 1,500 psi (calculated at 0.238 psi/ft) and maximum anticipated surface pressure equals approximately 112 psi (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft).

CLASS III BLOWOUT PREVENTER STACK



**II. SURFACE USE PLAN
DEL-RIO RESOURCES, INC.
CHIMNEY ROCK #32-11**

1. Existing Road:

- A. Topo Map "A" is the vicinity map, showing the access routes from Ouray, Utah.
- B. Topo Map "B" shows the proposed access road to each individual well. It also shows existing roads in the immediate area.
- C. Occasional maintenance blading and storm repairs will keep roads in good condition.
- D. There shall be no mud blading on the access road. Vehicles may be towed through the mud provided they stay on the roadway.

2. Planned Access Roads:

The proposed access road, will be crowned, ditched, and dipped.

- A. Maximum grade will be 8% or less, unless otherwise stated.
- B. No turnouts will be required.
- C. Road surface material will be that native to the area.
- D. No cattle guard will be required.
- E. The proposed access road was flagged at the time the location was staked.
- F. The area authorized officer will be contacted at least 24 hours prior to commencing construction of the access road and well pad.

Del-Rio Resources, Inc.
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- G. The back slopes of the proposed access roads will be no steeper than vertical or 1/4:1 in rock; and 2:1, elsewhere.

The operator or his contractor will notify the State office at least 48 hours prior to commencement of any work on these locations, roadways, or pipelines.

3. Location of Existing Wells:

See existing Drill Holes on Topo Map "C"

4. Location of Existing and/or Proposed Facilities:

- A. All Petroleum Production Facilities are to be contained within the proposed location sites.
- B. In the event that production of these wells is established, the following will be shown:
1. Proposed location and attendant lines, by flagging, if off well pad.
 2. Dimensions of facilities.
 3. Construction methods and materials.
- C. The area used to contain the proposed production facilities will be built using native materials. If these materials are not acceptable, then other arrangements will be made to acquire them from private sources. These facilities will be constructed using bulldozers, graders, and workman crews to construct and place the proposed facilities.
- D. All permanent facilities placed on the locations shall be painted a non-reflective color which will blend with the natural environment.
- E. A dike shall be constructed around the tank battery, of sufficient capacity to adequately contain at least 110 percent of the storage capacity of the largest tank within the dike.

Del-Rio Resources, Inc.
Chimney Rock #32-11

- F. All buried pipelines if needed shall be covered to a depth of 3 feet except at road crossings where they shall be covered to a depth of 4 feet.
- G. Construction width of the road right-of way/pipeline corridor route if needed shall be restricted to 30 feet of disturbance.
- H. Pipeline location warning signs shall be installed within 90 days upon completion of construction.

5. Location and Type of Water Supply:

Water to be obtained from Willow Creek at a P.O.D. located in the SE 1/4 SE 1/4 of Section 29, T12S, R21E, S.L.B.&M. and transported by truck along the access roads which are shown on the attached topo maps.

Application #T72431 - Water Right #49-1637 (Held by Tu & Frum, Inc.)

No water wells are to be drilled.

6. Source of Construction Materials:

A. No construction materials are needed for drilling operations. In the event of production, the small amount of gravel needed for facilities will be hauled in by truck from a local gravel pit over existing access roads from the area. No special access other than for drilling operations and pipeline construction is needed.

B. All disturbance for this well site is located on Utah State Trust Lands Lands

All Construction material for these location sites and access roads shall be borrow material accumulated during the construction of the location sites and access roads. No additional construction material from other sources is anticipated at this time, but if it is required, the appropriate actions will be taken to acquire it from private sources.

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7. Methods for Handling Waste Disposal:

- A. Drill cuttings will be buried in the reserve pit when covered.
- B. Drilling fluids will be contained in the reserve pit.
- C. Any hydrocarbon liquids produced while production testing will be contained in a test tank. Any unavoidable spills of oil or other adverse substances or materials will be removed immediately during drilling progress or during completion operations.
- D. Portable chemical toilets will be provided and serviced by a local commercial sanitary service.
- E. Garbage and trash will be collected in a trash cage and its contents hauled to a sanitary landfill.

All wastes caused by the construction activities shall be promptly removed and disposed of in a sanitary landfill or as directed by the authorized officer.

- F. Prior to commencement of drilling, the reserve pit will be lined with a minimum 12 mil. liner with sufficient straw bedding and will be fenced on three sides using 39-inch net wire with at least one (1) strand of barbed wire. All wire is to be stretched before attaching to corner posts. When drilling activities are completed it will be fenced on the fourth side and allowed to dry (if liquids are present). After drying, the fences will be removed and the pit shall be buried. Reclamation will be undertaken no later than the fall of the year after all drilling activity has ceased.

8. Ancillary Facilities:

No air strips, camps, or other living facilities will be built off the location. Housing and office trailers will be on the location as seen on the location layout.

Del-Rio Resources, Inc.
Chimney Rock #32-11

9. Well Site Layout:

- A. See attached cutsheet.
- B. The areas authorized officer will be contacted at least 24 hours prior to commencing construction of the access road and well pad.
- C. The authorized officer has determined that the pit is to be lined, and type of material to be used.
- D. Topsoil shall be stripped to a depth of 12 inches and stockpiled as shown on the location layout plat.
- E. The back slopes of the locations will be no steeper than vertical or 1/4:1 in rock, and 2:1 elsewhere.
- F. The upper edges of all cut banks on the access roads and well pads will be rounded.

10. Plans for Restoration:

- A. Immediately upon completion, the location and surrounding area will be cleared of all debris, materials, trash and junk not required for production.
- B. Before any dirt work to restore the location takes place, the reserve pit must be completely dry. The reserve pit will be reclaimed within 90 days from the date of well completion.
- C. The area officer shall be notified at least 48 hours prior to commencing reclamation work.
- D. All disturbed areas will be seeded with the a mixture which is found suitable by the State.

Del-Rio Resources, Inc.
Chimney Rock #32-11

- E. The seed bed will be prepared by disking, following the natural contour. Drill seed on contour at a depth no greater than ½ inch. In areas that cannot be drilled, the seed will be broadcast at double the seeding rate and harrowed into soil. Certified seed is recommended.
- F. Fall seeding will be completed after September, and prior to prolonged ground frost.
- G. If the well is a producer, access roads will be upgraded and maintained as necessary to prevent soil erosion, and accommodate year round traffic. Areas unnecessary to operations will be reshaped, topsoil distributed, and seed distributed according to the above mixtures. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.
- H. If the well is abandoned or is a dry hole, the access road and location will be restored to approximate the original contours. During reclamation of the site the fill material will be pushed into cuts and up over the backslope. No depressions will be left that would trap water or form ponds. Topsoil will be distributed evenly over the location and seeded according to the above mixture. The access road and the location shall be ripped or disked prior to seeding. Perennial vegetation must be established. Additional work shall be required in case of seeding failures, etc.
- I. Annual or noxious weeds shall be controlled on all disturbed areas. Method of control shall be by an approved mechanical method or an Environmental Protection Agency (EPA) registered herbicide. All herbicide application proposals must be approved. Application of herbicides must be under direct field supervision of an EPA certified pesticide applicator.

Del-Rio Resources, Inc.
Chimney Rock #32-11

11. Other Information:

- A. All activity shall cease when soils or road surfaces become saturated to a depth of three inches, unless otherwise approved by the Authorized Officer.

If any fossils are discovered during construction, the operator shall cease construction immediately and notify the Authorized Officer so as to determine the significance of the discovery.

- B. A Class III cultural resource inventory has been completed prior to disturbance by a qualified professional Archaeologist.

- C. The State considers the development of groundwater resources to be necessary and frequently indispensable to effective land management. Therefore, any groundwater intercepted by the party conducting mineral exploration shall be reported to the authorized officer immediately including approximate quantities and a sample in a sealed quart container. The State shall have the first opportunity to file State water rights for the intercepted groundwater. The undersigned may file for water rights only with a written waiver from the State.

- D. The operator is responsible for informing 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 is to immediately stop work that might further disturb such materials and contact the authorized officer (AO). Within five working days the AO will inform the operator as to:

whether the materials appear eligible for the National Register of Historic Places;

the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and a time frame for the AO to complete an expedited review under 36 CFR 800-11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

Del-Rio Resources, Inc.
Chimney Rock #32-11

If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or 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 the required mitigation has been completed, an operator will then be allowed to resume construction.

- E. Less than 10,000 pounds of any chemical(s) from EPA's Consolidated list of Chemicals Subject to Reporting Under Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986, and less than threshold planning quantity (TPQ) of any extremely hazardous substances(s), as defined in 40 CFR, would be used, produced, transported, stored, disposed, or associated with the proposed action.

12. Lessee's or Operator's Representative:

Mr. Lawrence C. Caldwell II
President
Del-Rio Resources, Inc.
P.O. Box 459
Vernal, Utah
Telephone #(801)789-8162
Cell #(801)790-8578

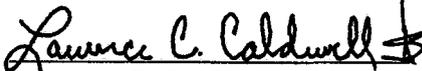
Del-Rio Resources, Inc.
Chimney Rock #32-11

13. Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite(s) and access route(s); that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by **Del-Rio Resources, Inc.**, 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 provision of 18 U.S.C. 1001 for the filing of a false statement.

12-9-99
Date


Lawrence C. Caldwell II
President

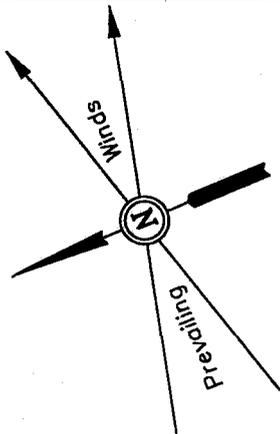
DEL-RIO RESOURCES, INC.

LOCATION LAYOUT FOR

CHIMNEY ROCK #32-11

SECTION 32, T13S, R21E, S.L.B.&M.

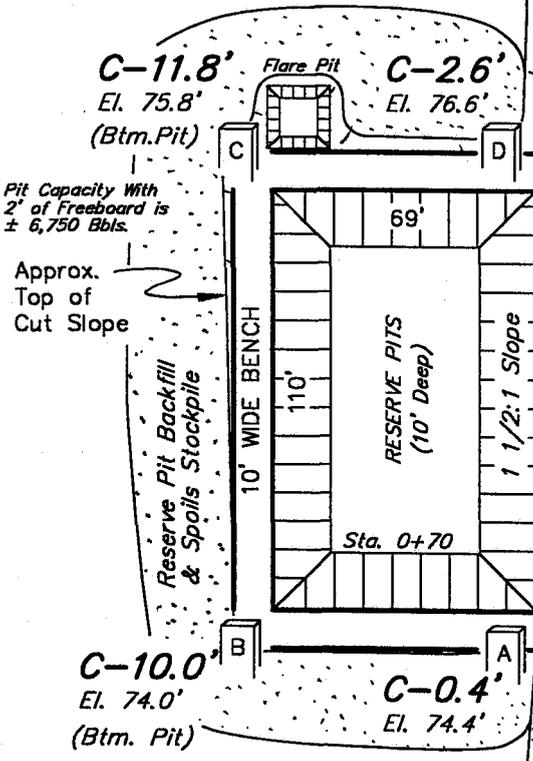
2116' FSL 2081' FWL



SCALE: 1" = 50'
DATE: 10-18-99
DRAWN BY: D.R.B.

NOTE:

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



Pit Capacity With 2' of Freeboard is ± 6,750 Bbls.

Approx. Top of Cut Slope

Reserve Pit Backfill & Spoils Stockpile

10' WIDE BENCH

Sta. 0+70

C-0.4' El. 74.4'

F-2.5' El. 71.5'

F-1.5' El. 72.5' Proposed Access Road

Elev. Ungraded Ground at Location Stake = 6576.0'
Elev. Graded Ground at Location Stake = 6574.0'

F-0.4' El. 73.6'

C-0.3' El. 74.3'

F-0.7' El. 73.3'



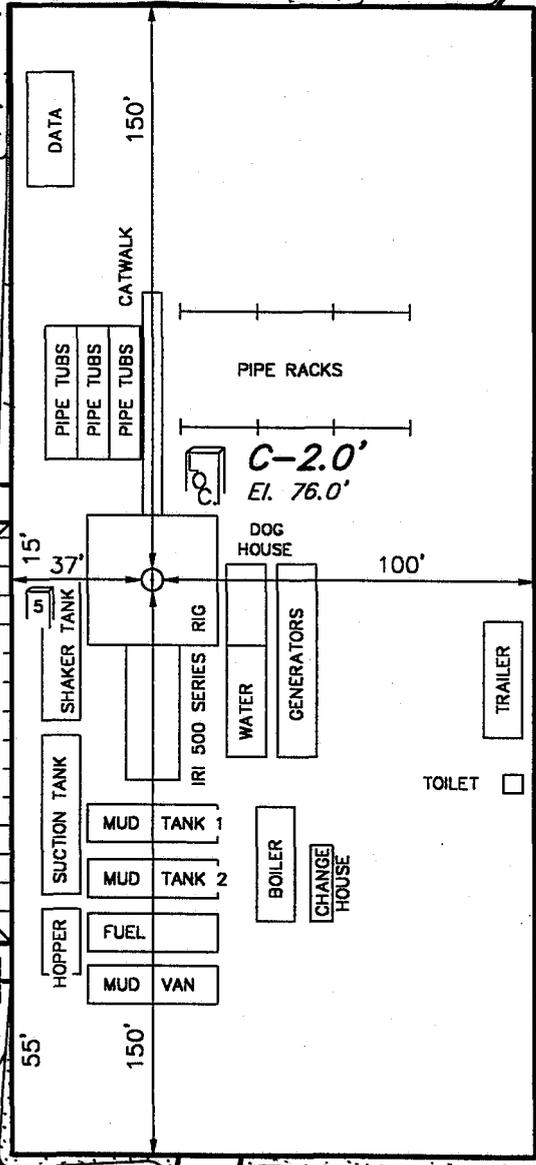
Sta. 3+00



Approx. Toe of Fill Slope

Sta. 1+50

F-1.7' El. 72.3'



Sta. 0+00

Topsoil Stockpile

F-3.3' El. 70.7'

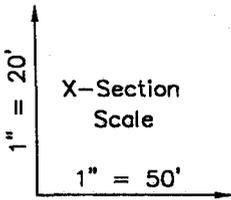
DEL-RIO RESOURCES, INC.

TYPICAL CROSS SECTIONS FOR

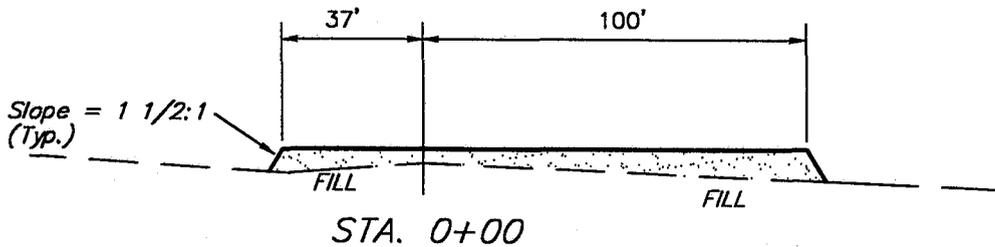
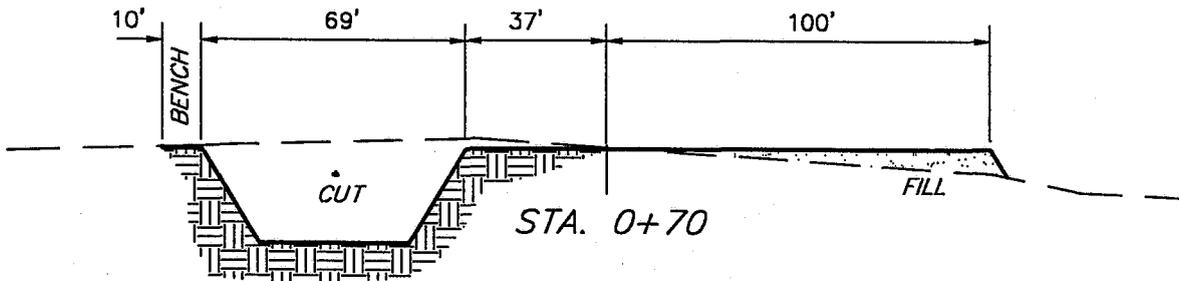
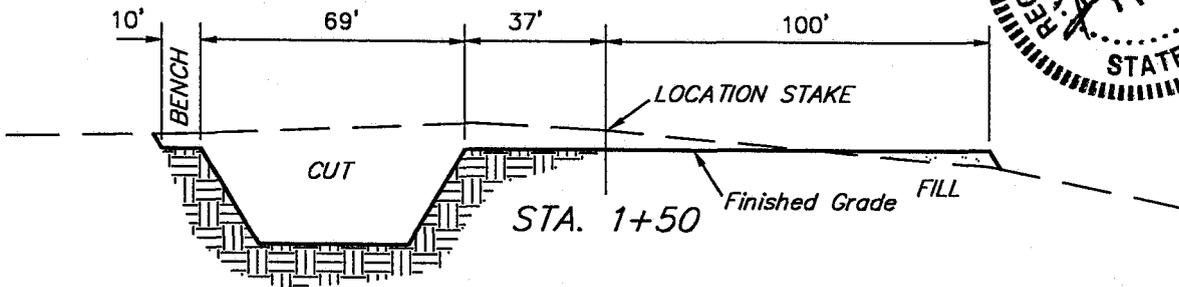
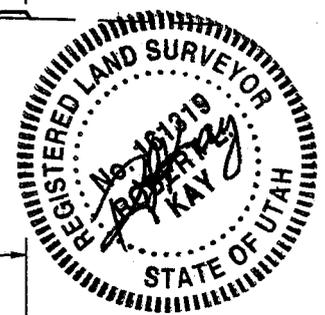
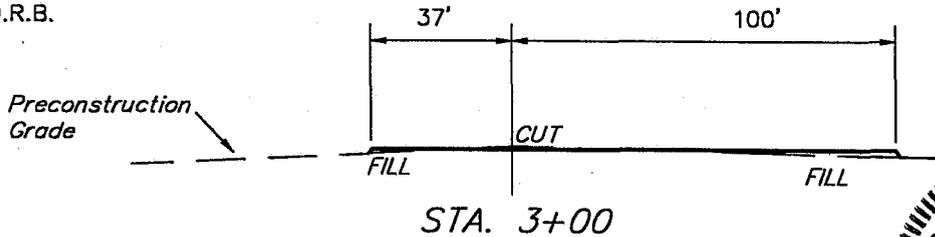
CHIMNEY ROCK #32-11

SECTION 32, T13S, R21E, S.L.B.&M.

2116' FSL 2081' FWL



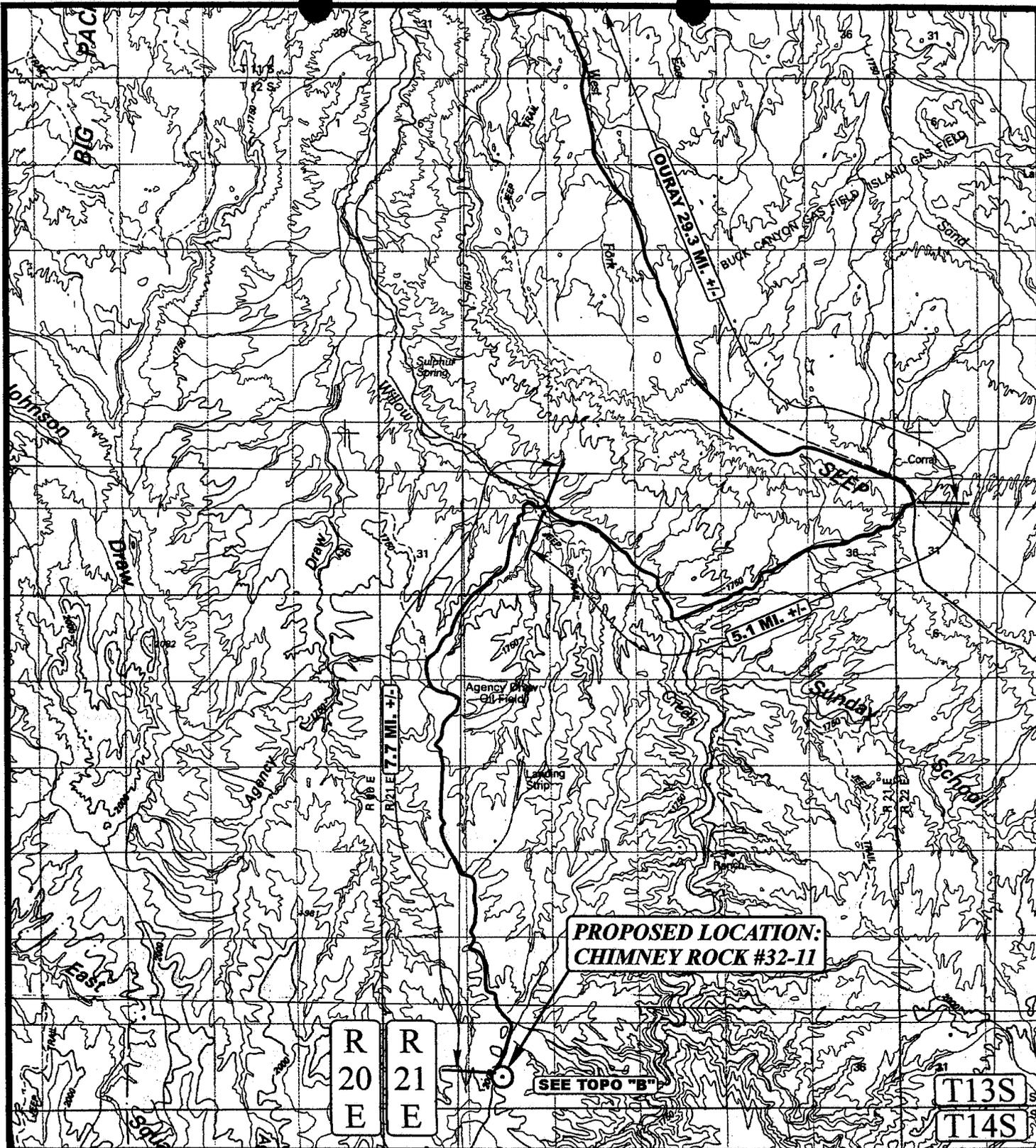
DATE: 10-18-99
DRAWN BY: D.R.B.



APPROXIMATE YARDAGES

CUT		
(6") Topsoil Stripping	= 900	Cu. Yds.
Remaining Location	= 2,640	Cu. Yds.
TOTAL CUT	= 3,540	CU.YDS.
FILL	= 1,590	CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	= 1,870	Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 1,870	Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0	Cu. Yds.



LEGEND:

○ PROPOSED LOCATION

N



DEL-RIO RESOURCES, INC.

CHIMNEY ROCK #32-11
SECTION 32, T13S, R21E, S.L.B.&M.
2116' FSL 2081' FWL



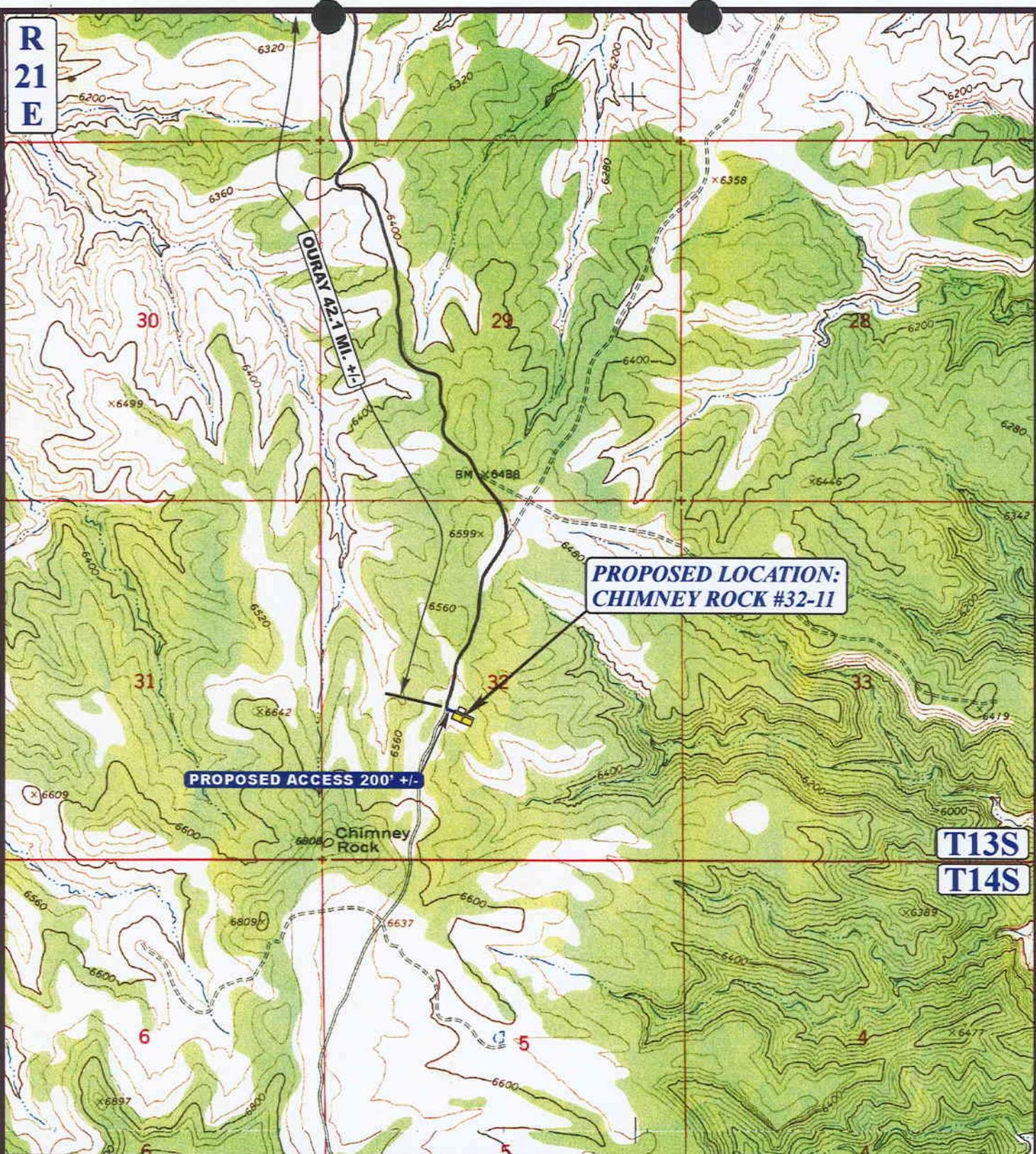
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
 MAP

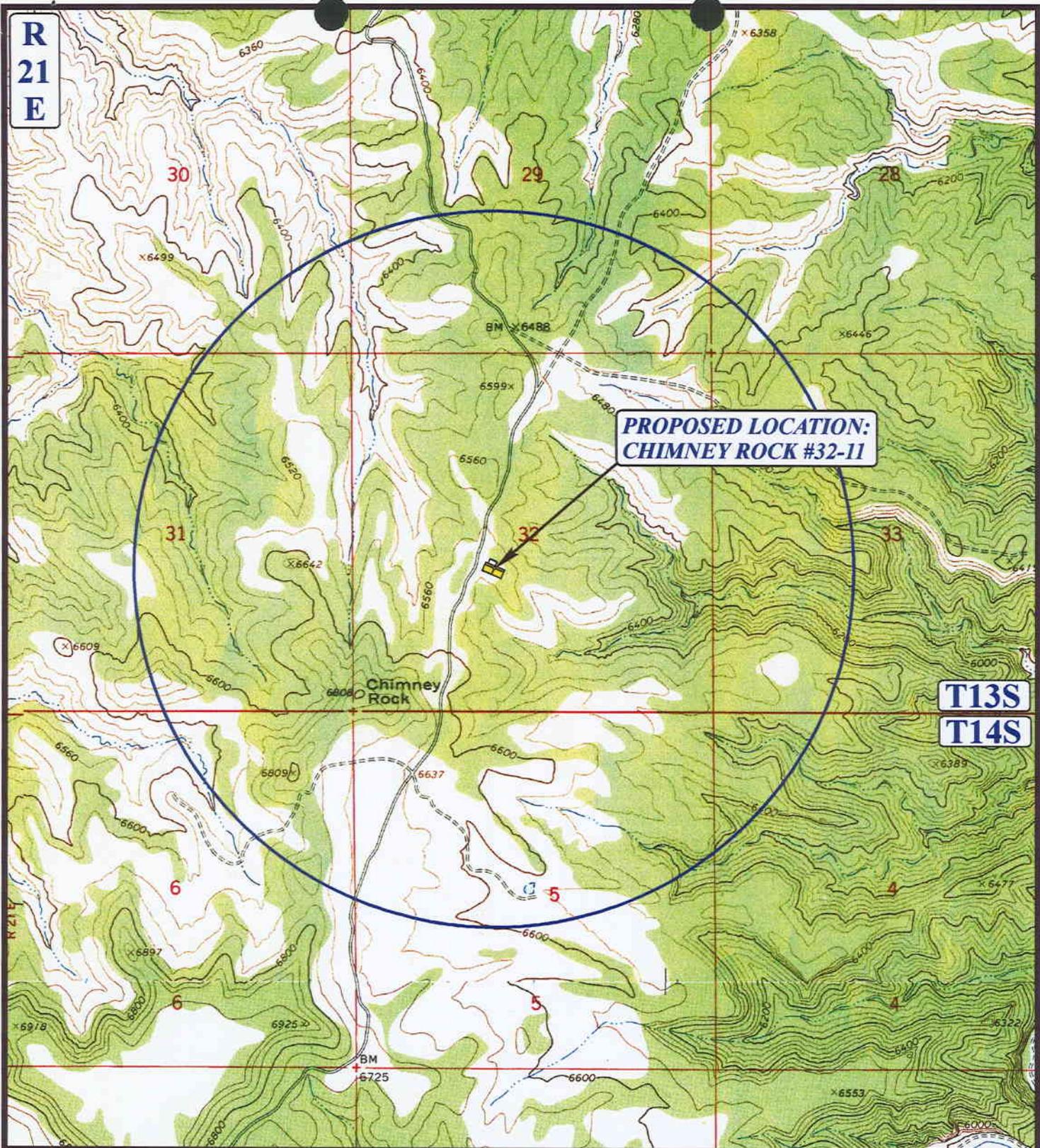
10 12 99
 MONTH DAY YEAR

SCALE: 1: 100,000 DRAWN BY: C.G. REVISED: 00-00-00





LEGEND:				DEL-RIO RESOURCES, INC. CHIMNEY ROCK #32-11 SECTION 32, T13S, R21E, S.L.B.&M. 2116' FSL 2081' FWL							
 PROPOSED ACCESS ROAD  EXISTING ROAD				<table border="1"> <tr> <td>TOPOGRAPHIC</td> <td>10</td> <td>12</td> <td>99</td> </tr> <tr> <td>MAP</td> <td>MONTH</td> <td>DAY</td> <td>YEAR</td> </tr> </table>		TOPOGRAPHIC	10	12	99	MAP	MONTH
TOPOGRAPHIC	10	12	99								
MAP	MONTH	DAY	YEAR								
 Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 (435) 789-1017 * FAX (435) 789-1813		SCALE: 1" = 2000' DRAWN BY: C.G. REVISED: 00-00-00									



LEGEND:

- ⊗ DISPOSAL WELLS
- PRODUCING WELLS
- ⊖ SHUT IN WELLS
- ⊕ WATER WELLS
- ⊖ ABANDONED WELLS
- ⊖ TEMPORARILY ABANDONED

DEL-RIO RESOURCES, INC.

CHIMNEY ROCK #32-11
SECTION 32, T13S, R21E, S.L.B.&M.
2116' FSL 2081' FWL



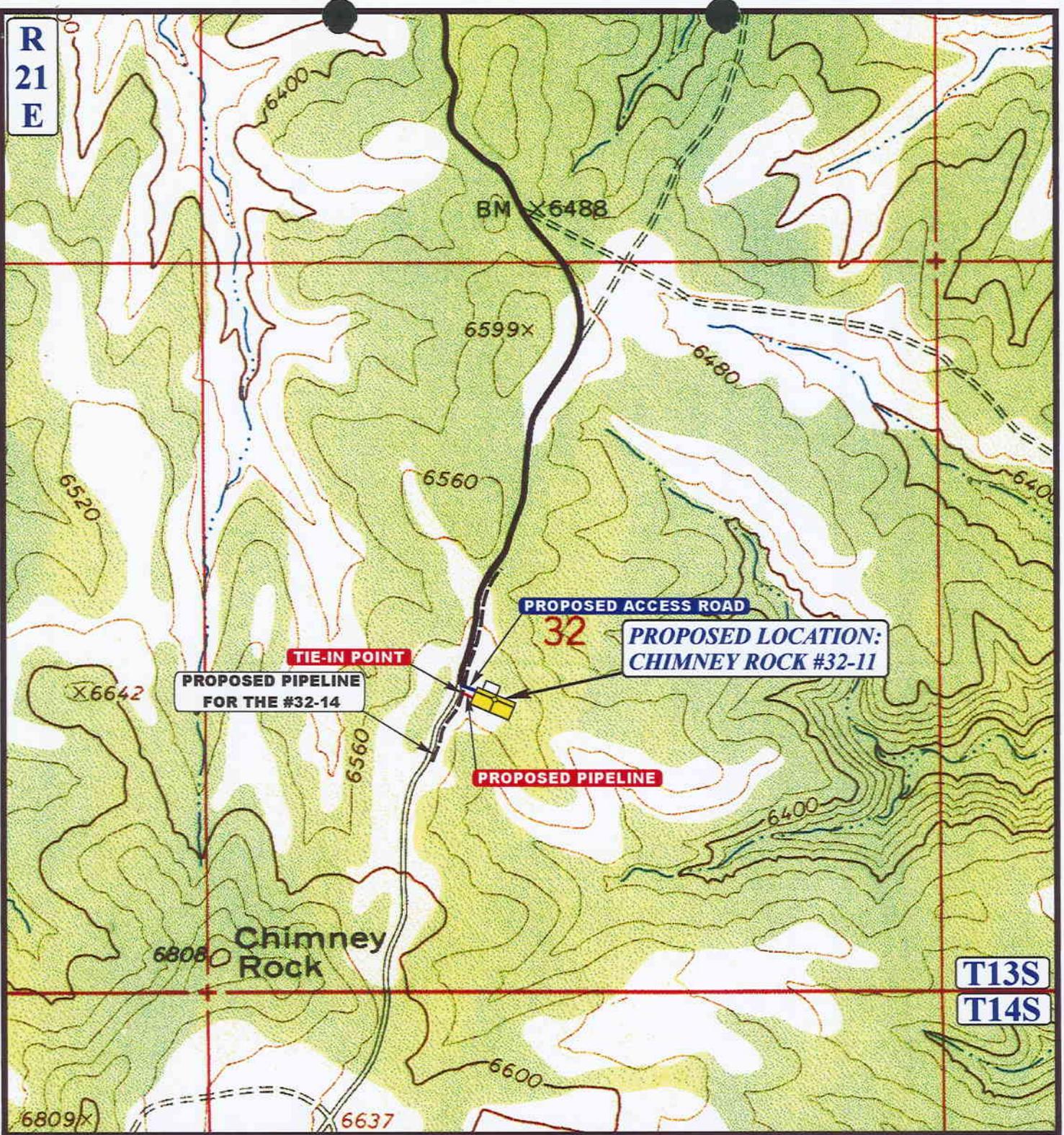
Utah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP **10 12 99**
MONTH DAY YEAR

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



R
21
E



APPROXIMATE TOTAL PIPELINE DISTANCE = 100' +/-

LEGEND:

- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED ACCESS



DEL-RIO RESOURCES, INC.

CHIMNEY ROCK #32-11
SECTION 32, T13S, R21E, S.L.B.&M.
2116' FSL 2081' FWL



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

TOPOGRAPHIC **10 12 99**
MAP MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: C.G. REVISED: 00-00-00



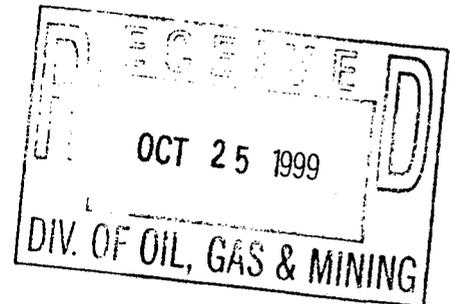


MONTGOMERY
ARCHAEOLOGICAL
CONSULTANTS

Box 147, 322 East 100 South, Moab, Utah 84532 (435) 259-5764 Fax (435) 259-5608

October 20, 1999

John Baza
Division of Oil, Gas & Mining
1594 West North Temple
Salt Lake City, UT 84114-5801



Dear Mr. Baza:

Enclosed please find a copy of the report entitled "Cultural Resource Inventories of Eight Well Locations for Del-Rio/Orion in the Big Pack Mountain Area, Uintah County, Utah" (Report No. U-99-MQ-0575s). The inventory resulted in the documentation of three archaeological sites (42Un2645, 42Un2646, and 42Un2647) which are evaluated as eligible to the National Register of Historic Places.

Based on the findings, a determination of "no adverse effect" is recommended pursuant to Section 106, CFR 800 for this project. If you have any comments or questions about this project, please let me know.

Sincerely,

Keith R. Montgomery
Principal Investigator

cc: Kenny Wintch, TLA Archaeologist, SLC
James Dykmann, Compliance Archaeologist, SHPO, SLC
Larry Caldwell, Del-Rio/Orion, Las Vegas, NV

Cultural Resource Inventories of Eight Well
Locations for Del Rio/Orion in the Big Pack Mountain Area
Uintah County, Utah

By

Michael S. Wolfe
and
Keith R. Montgomery

Prepared For:
State of Utah
Schools and Institutional
Trust Lands Administration
Salt Lake City, Utah

Prepared Under Contract With:

Del-Rio/Orion
P.O. Box 98138
Las Vegas, Nevada 89193-8138

Prepared By:

Montgomery Archaeological Consultants
P.O. Box 147
Moab, Utah 84532

October 20, 1999

United States Department of Interior (FLPMA)
Permit No. 99-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-99-MQ-575s

ABSTRACT

Cultural resource inventories were conducted by Montgomery Archaeological Consultants (MOAC) in October 1999, for eight proposed well locations, access routes, and pipeline corridors for Del-Rio/Orion. The project area is located just northeast of Chimney Rock in the Big Pack Mountain locality, Uintah County, Utah. The proposed well locations are Del-Rio/Orion State 32-2, 32-3, 32-6, 32-10, 32-11, 32-12, 32-13, and 32-14. The legal description is Township 13 South, Range 21 East, Section 31. Approximately 95 acres were inventoried for cultural resources on State of Utah School and Institutional Trust Lands Administration (TLA) land.

The cultural resource inventory resulted in the documentation of three archaeological sites (42Un2645, 42Un2646, and 42Un2647), and three isolated finds of artifacts (IF-A, IF-B, and IF-C). Site 42Un2645 is a Protohistoric (Numic) and early historic campsite containing several hearths. This multi-component site has potential for additional subsurface cultural remains. In particular the features could provide chronometric and subsistence-related data. The site is evaluated as eligible to the NRHP under Criterion (d). Site 42Un2646 is an Ute Indian affiliated temporary camp with a corral and sweat lodge. The structural features retain minimal structural integrity, although the sweat lodge is unique to the area in relation to the known archaeological record. The associated burned rock and ash features could yield additional information relative to chronology and subsistence. The site is considered eligible to the NRHP under Criterion (d). Specifically this site is significant in regards to off-reservation land use patterns engaged by the Ute Indians during the Early Reservation Period. Site 42Un2647 is an unique special-use storage facility locus attributed to the Ute Indian cultural tradition. It consists of several wood storage platforms constructed or placed in trees. This features have been described by Smith (1974) in the ethnographic literature as one of three storage practices employed by Northern Ute groups for storing supplies and food. The site is evaluated as eligible to the NRHP under Criterion (c), since the platforms are unusual and unique in regards to the archaeological record of the locality. The isolated finds of artifacts consist of a late Paleoindian or early Archaic stemmed projectile point (IF-A), a Stage II biface fragment (IF-B), and several hole-in-top tin cans (IF-C). These isolated occurrences exhibit prehistoric and historic use of the project area and are not considered significant due to their lack of additional research potential.

The inventory of Del Rio/Orion's eight well locations, access routes, and pipeline resulted in the documentation of three archaeological sites (42Un2645, 42Un2646, and 42UN2647). These sites are considered eligible to the NRHP. All of the significant sites will be avoided from project impacts related to this well development undertaking. Based on the findings, a determination of "no adverse effect" is submitted for this undertaking pursuant to Section 106, CFR 800.

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INTRODUCTION

Cultural resource inventories were conducted by Montgomery Archaeological Consultants (MOAC) in October 1999, for eight proposed well locations, access routes, and pipeline corridors for Del-Rio/Orion. The project area is located just northeast of Chimney Rock in the Big Pack Mountain locality, Uintah County, Utah. The proposed well locations consist of Del-Rio/Orion State 32-2, 32-3, 32-6, 32-10, 32-11, 32-12, 32-13, and 32-14. The survey was implemented at the request of Mr. Larry Caldwell of Del Rio/Orion, Las Vegas, Nevada. The project is situated on State of Utah School and Institutional Trust Lands Administration (TLA) land.

The objective of the inventories was to locate, document, and evaluate any cultural resources within the project area in order to comply with Section 106 of 36 CFR 800, the National Historic Preservation Act of 1966 (as amended). Also, the inventories were implemented to attain compliance with a number of federal and state mandates, including the Archaeological and Historic Conservation Act of 1972, the Archaeological Resources Protection Act of 1979, the American Indian Religious Freedom Act of 1978 (AIRFA) and Utah State Antiquities Act of 1973 (amended 1990).

The fieldwork was performed on October 7 and 8, 1999, by Keith Montgomery, Michael "Red" Wolfe, and Gregory Nunn under the auspices of U.S.D.I. (FLPMA) Permit No. 99-UT-60122, and State of Utah Antiquities Permit (Survey) No. U-99-MQ-0575s issued to Montgomery Archaeological Consultants, Moab, Utah.

Prior to the fieldwork, a file search for previous cultural resource inventories and archaeological sites was conducted by Evie Seelinger at the Division of State History, Antiquities Section, Salt Lake City (October 7, 1999). Only one inventory has been completed in the area by Sagebrush Archaeological Consultants in 1999 for Federal Well V #12-21 located in Sections 21, 28 and 29, T 13S, R 21E (Polk 1999). No cultural resources have been documented in the vicinity of the project area.

DESCRIPTION OF PROJECT AREA

The project area is located northeast of Chimney Rock in the Big Pack Mountain locality, south of the town of Ouray, Utah. The eight proposed well locations with associated access and pipeline routes occur in Township 13 South, Range 21 East, Section 31 (Figure 1). The proposed well locations are designated Del Rio/Orion State 32-2, 32-3, 32-6, 32-10, 32-11, 31-11, 32-12, 32-13, 32-14. Table 1 presents the legal descriptions, access/pipeline lengths, and cultural resources.

Table 1. Del Rio/Orion Eight Well Locations, Access and Pipelines.

Well Location Designation	Legal Location	Access/Pipeline	Cultural Resources
Del-Rio/Orion State 32-2	T13S, R21E, S.32 NW/NE 613' FNL 1932' FEL	Access Road/Pipeline 200'	None
Del-Rio/Orion State 32-3	T13S, R21E, S.32 SE & NE/NW, 719'FNL 1856'FWL	Pipeline 1000' Access Road/Pipeline 600'	None
Del-Rio/Orion State 32-6	T13S, R21E, S.32 NW/NE	Pipeline 400' Access in 10 Acre	IF-A & IF-B
Del-Rio/Orion State 32-10	T13S, R21E, S.32 NW/SE	Access Road/Pipeline 400'	42Un2646 42Un2647
Del-Rio/Orion State 32-11	T13S, R21E, S.32 NE/SW	Pipeline 300' Access in 10 acre	IF-C
Del-Rio/Orion State 32-12	T13S, R21E, S.32 NW/SW	Access Road/Pipeline 200'	None
Del-Rio/Orion State 32-13	T13S, R21E, S.32 SW/SW	Pipeline 1200' Access Road/Pipeline 200'	42Un2645
Del-Rio/Orion State 32-14	T13S, R21E, S.32 SE/SW	Pipeline 500' Access Road/Pipeline 200'	None

Environment

The study area lies within the Book Cliffs-Roan Plateau physiographic unit, a tilted plateau which rises gradually southward and upward from the Uinta Basin (Stokes 1986:232). The major drainages in the project area flow north to empty into the Green River in the Uinta Basin which is the northernmost extension of the Colorado Plateau. Specifically, the survey area is situated on Big Pack Mountain, a prominent north trending ridge which divides Willow Creek to the east and Hill Creek to the west. The geology consists of Cretaceous and Tertiary age deposits which are represented by the Green River and Uinta formations. These represent deposits from Eocene lake beds and river and flood plain deposits, and comprise of interbedded sandstone, claystone and mudstone as well as fossil vertebrate turtles, crocodilians, and occasional fish remains. The elevation of the project area ranges from 6500 to 6600 feet a.s.l. The project occurs within the Upper Sonoran life zone and includes a pinyon-juniper woodland with an understory of mountain mahogany, sagebrush, saltbrush, squawbush, prickly pear cactus and various grasses.

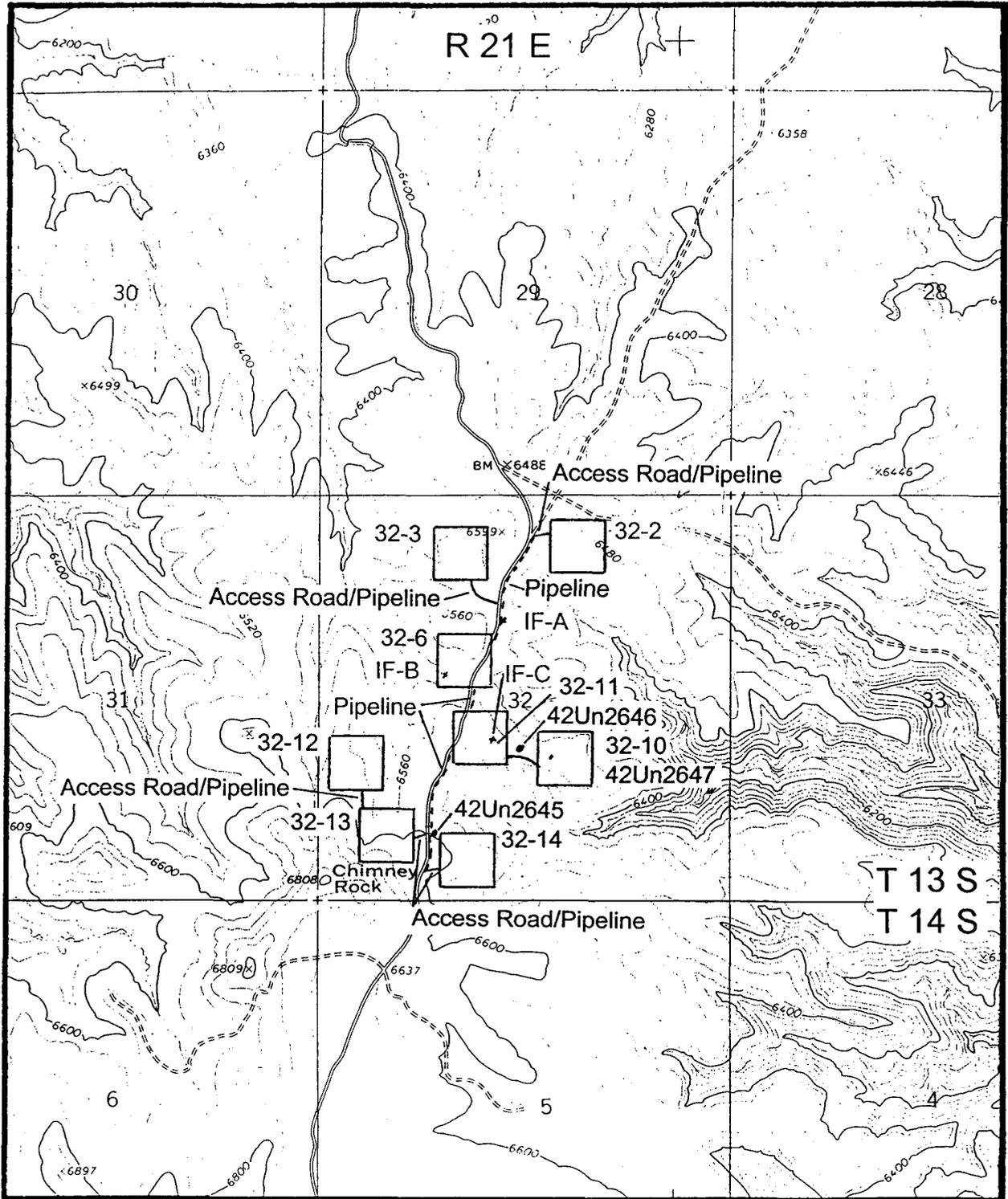


Figure 1. Inventory Area of Eight Well Locations with Cultural Resources for Del Rio/Orion in the Big Pack Mountain Area, Uintah County, UT. USGS 7.5 Agency Draw NE, UT 1966. Scale 1:24000.

Cultural-Historical Overview

The cultural-chronological sequence represented in the study area includes the Paleoindian, Archaic, Fremont, Protohistoric, and Euro-American stages. The earliest inhabitants of the region are representative of the Paleoindian stage (ca. 12,000-8,000 B.P.). This stage is characterized by the adaptation to terminal Pleistocene environments and characterized by the exploitation of big game fauna. The presence of Paleoindian hunters in the Uinta Basin region is implied by the discovery of Clovis and Folsom fluted points (ca. 12,000 B.P. - 10,000 B.P.), as well as the more recent Plano Complex lanceolate projectile points (ca. 10,000 B.P. - 7,000 B.P.). However, no such artifacts have been recovered in stratigraphic or chronometrically controlled contexts in northeastern Utah.

The Archaic stage (ca. 8,000 B.P. - 1,500 B.P.) is characterized by peoples depending on a foraging subsistence strategy, seasonally exploiting a wide spectrum of plant and animal species in different ecozones. The shift to an Archaic lifeway was marked by the appearance of new projectile point types perhaps reflecting the development of the atlatl in response to a need to pursue smaller and faster game (Holmer 1986). In northeastern Utah, evidence of widespread Early Archaic exploitation is relatively sparse compared to the subsequent Middle and Late Archaic periods. Early Archaic (ca. 6000 to 3000 B.C.) sites in the basin include sand dune sites and rockshelters clustered mainly in the lower White River drainage as well as along the Green River in the Browns Park and Flaming Gorge area (Spangler 1995:373). Projectile points recovered from northeastern Utah Pinto Series, Humboldt, Elko Series, Northern Side-notched, Hawken Side-notched, Sudden Side-notched and Rocker Base Side-notched points. The Middle Archaic period (ca. 3000 to 500 B.C.) is characterized by improved climatic conditions and increased human populations on the northern Colorado Plateau. Several stratified Middle Archaic sites have been excavated and dozens of sites have been documented in the study area. Middle Archaic sites in the area reflect cultural influences from the Plains, although a Great Basin and/or northern Colorado Plateau influence is represented in the continuation of the Elko Series projectile points. The Late Archaic period (ca. 500 B.C. to A.D. 550) in the area is distinguished by the continuation of Elko Series atlatl points with the addition of semi-subterranean residential structures at base camps. By about A.D. 100, maize horticulture and Rose Springs arrow points had been added to the Archaic lifeway.

The Formative stage (A.D. 500-1300) is defined by Spangler (1993, 1995) by the Tavaputs Plateau adaptation which includes Formative peoples of the Book Cliffs, East Tavaputs and West Tavaputs Plateau (primarily Nine Mile, Range Creek, Hill Creek and Willow Creek) which have been traditionally assigned to the San Rafael or Uinta variant by Marwitt (1970). According to Spangler (1995:499) although groups in both areas (e.g., Uinta Basin and Tavaputs Plateau) were semisedentary, manufactured pottery, and practiced maize horticulture, such traits such as architectural styles, storage strategies, settlement patterns, chronology, and rock art styles were significantly different. The narrow temporal range of tree-ring dates from Nine Mile, Willow Creek and Hill Creek Canyons

suggest a more constricted occupational span between about A.D. 1000 and 1200 by Fremont horticulturalists perhaps migrating from the San Rafael region to the south (Spangler 1995:499). Differences between these two Fremont cultural adaptations are likely due to environmental differences between the two regions. The Tavaputs Plateau is dominated by deeply incised canyons while the Uintah Basin topography is characterized as relatively flat lowlands, sloping surfaces, and wide shallow valleys (Stokes 1986). In the Tavaputs Plateau area, habitation sites are usually confined along stream terraces and on outcrops in deeply striated canyon such as Hill Creek and Willow Creek Canyons (Spangler 1995:502). Locational factors in this area include proximity to permanent water, access to pinyon-juniper resources and arable land. In terms of material culture, the calcite or limestone tempered Uinta Gray ceramics are abundant from residential sites in the Uintah Basin after A.D. 550, opposed to the ceramic assemblage dominated by Emery Gray types found on sites in the Tavaputs Plateau area (Spangler 1995:515).

Archaeological evidence suggests that Numic peoples appeared in east-central Utah at approximately A.D. 1100 or shortly before the disappearance of Formative-stage peoples (Reed 1994). Numic or Numic-speakers may have coexisted with sedentary Fremont populations. The demise of the Fremont may have been nothing more than a shift in subsistence strategies from primarily horticulture to exclusively hunting/gathering (Simms 1979,1990) rather than an actual arrival of new people. The archaeological remains of Numic-speaking Utes consist primarily of lithic scatters with low quantities of brown ware ceramics, rock art, and occasional wickiups. The brown ware ceramics appear to be the most reliable indicator of cultural affiliation, as Desert Side-notched and Cottonwood Triangular points were manufactured by other cultural groups beside the Ute (Horn, Reed, and Chandler 1994:130). The Protohistoric Utes are the decedents of these (Numic-speaking) hunter and gatherers whom exploited various fauna and flora resources. The cultural history of the Eastern Ute, comprising the bands living east of the Green River, has been divided into four phases (Reed 1988). The earliest and most tenuous phase is the Chipeta Phase, dated between ca. 1250 and 1400. Diagnostic artifacts include Desert Side-notched, Cottonwood Triangular, and small corner-notched arrow points and possibly Shoshonean knives. The Canalla phase (ca. A.D. 1400-1650) designates the period between the appearance of well-dated Uncompahgre brown ware ceramics and the adoption of an equestrian lifeway. Diagnostic artifacts include Uncompahgre Brown Ware ceramics, Desert Side-notched and Cottonwood Triangular points, and Shoshonean knives. The pedestrian hunter and gatherers probably lived in wickiups. Near the end of the phase, some groups may have obtained trade items from Spanish settlements in New Mexico (Horn, Reed, and Chandler 1994:131). The Antero phase (ca. A.D. 1650-1881) represents a shift to a fully equestrian lifestyle and integration of Euroamerican trade goods into Ute material culture. The horse permitted hunting of bison on the Plains and led to an increase in the importance of raiding for economic gain (ibid:131). Euroamerican trade goods became important, and tepees as well as wickiups were inhabited. A number of Protohistoric (Numic) sites have been documented to the east in Seep Ridge Study Tract identified mainly by Desert Side-notched points (Larralde and Chandler 1981). Most of these sites are short-term camps or limited activity areas situated on ridges and within sand dunes (Ibid: 137-138).

The early Utes in Uintah County were Uinta-ats, a small band of a few hundred members (Burton 1996:20). In pre-horse days, Ute family groups lived largely independently of others with key gathering, hunting, and fishing sites being communal and granted to all, within both the local and extralocal Ute communities (Ibid 340). According to Smith's (1974) informants both deer and buffalo were important game for the White River Ute band. Before the buffalo became extinct in the Uintah Basin in the 1830s, the Ute would make trips northeast of Fort Bridger in the vicinity of what is now Rock Springs and Green River, Wyoming using the horse to surround and drive the buffalo over a precipice (Smith 1974; Callaway, Janetski, and Stewart 1986). Small mammals, rodents, fish, birds and insects were also procured, although this subsistence strategy was more evident among the Uintah Utes than among the Yampa or Uncompahgre Utes (Spangler 1995:742). All Ute groups made tripod or conical houses with a three or four-pole foundation and a circular ground plan some 10-15 feet in diameter with covering brush or bark and cooking or heating fires in shallow pits both inside and outside of the huts (Smith 1974). The utilization of these structures apparently continued even after the introduction of the tipi (Spangler 1995:745). Most Ute bands employed the sweat lodge usually made of willows struck in the ground in a circular pattern and tied at the top to create a dome-shaped structure (Smith 1974:43). Sweat lodges were 8 to 10 feet in diameter and 4 to 5 feet in height. The top was covered with a buffalo robe, tipi cover or willow brush with rabbit-skin blanket over the top. Stones were heated outside the structure and brought into a central hearth three or four stones at a time with water applied to the stones, creating steam (Spangler 1995:747). According to Smith's (1974:44) Northern Ute informants the lodge was sometimes used before going on a hunting trip or in general to promote health and cleanliness. If someone was not feeling well, some sagebrush might be placed on the hot stones (Ibid:44). Three types of storage facilities were used by Ute groups in the area. One involved the construction of pits in cliff overhangs or shelters with rawhide or woven sagebrush bark bags containing food items stashed within them (Spangler 1995:746). The storage pit was then covered with soil and a fire was constructed over the top to destroy evidence the pit had been excavated (Smith 1974:67). A second strategy involved the construction of platforms made of sticks of coniferous trees with foliage thick enough to protect the cache from inclement weather (Spangler 1995:746). When the sacks had been placed on the platform they were usually covered with cedar bark, so that the rain would drain off (Smith 1974:67). A third strategy involved storage platforms about 5 feet high placed outside the brush shelters and tipis (Spangler 1995:746). These platforms, erected on poles, were either slightly sloping or flat and hollowed out with the platforms made of bound together sagebrush (Smith 1974:68).

On May 5, 1864, Congress passed a law confirming the 1861 executive order setting up the Uintah Reservation (Burton 1996:24). This treaty provided that the Ute people give up their land in central Utah and move within one year to the Uintah Reservation without compensation for loss of land and independence. The Uinta-ats (later called Tavaputs), PahVant, Tumpawanach, and some Cumumba and Sheberetch of Utah were gathered together at the Uintah agency during the late 1860s and early 1870s to form the Uintah Band (Burton 1996:18-19). In the 1880 treaty council the White River Utes, who had participated in the Meeker Massacre, were forced to sell all their land in Colorado and

were moved under armed escort to live on the Uintah Reservation (Callaway, Janetski, and Stewart 1986:339). Shortly thereafter, 361 Uncompahgre Utes were forced to sell their lands, relocated to the Ouray Reservation adjacent to the southern boundary of the Uintah Reservation. This area embraced a tract of land to the east and south of the Uintah Reservation below Ouray lying east and south of the Uintah Reservation below Ouray lying east of the Green River. A separate Indian Agency was established in 1881 with headquarters at Ouray, erected across the river from where the first military post, Fort Thornburgh was located. The infantry who participated in the relocation of the Colorado Indians ensured that the Uncompahgre and White River Utes remained on the two reservations (Burton 1996:28). The Dawes Severalty Act of 1887, opened the reservation to mineral exploration. When gilsonite was discovered in the Uintah Basin in the late 1800s, Congress was persuaded to apportion 7,040 acres from the reservation so the mineral could be mined.

Cattle raising was the first industry in northeastern Utah with large herds from Texas established as early as 1950 in Brown's Park (Burton 1996:108). When the Uintah Railway was built to Dragon (1904) and later extended to Watson (1911) livestock were shipped from the county to market, ending the long cattle drives. Sheep were first introduced to the Uintah Basin in 1879 and survived the hard winters better than cattle (Burton 1996:111). Wool soon became one of the regions most important industries as the sheep herds multiplied. In 1906 the Uintah Railway Company built shearing pens on the Green River to encourage shipping of wool by train. Between 1912 and 1929 the sheep shearing industry increased with additional corrals established at Bonanza, Dragon, Jensen, and by 1929 Watson had a large shearing plant (Burton 1996:111).

SURVEY METHODOLOGY

An intensive pedestrian survey was performed for this project which is considered 100% coverage. At the proposed well locations, a 10 acre square was defined, centered on the well pad center stake. The interior of the well locations was examined for cultural resources by the archaeologists walking parallel transects spaced no more than 10 meters apart. An 100 foot wide corridor was inventoried along the access or pipeline routes, and a wider corridor (150 foot) was inspected along the access/pipeline routes. Ground visibility at most of the well locations was good. Modern disturbances include livestock grazing, roads, and oil/gas development. A total of 95 acres was inventoried on State of Utah School and Institutional Trust lands.

INVENTORY RESULTS

The inventory of the eight well locations, access roads and pipelines resulted in the location of three archaeological sites (42Un2645, 42Un2646 and 42Un2647) and three isolated finds of artifacts (IF-A, IF-B and IF-C).

Archaeological Sites

Smithsonian Site No.: 42Un2645
Temporary Site No.: MOAC 575 R/1
Legal Description: T 13S, R 21E, S. 32
NRHP Evaluation: Eligible

Description: This is a historic and prehistoric component site situated on the side of a the primary ridge which separates Willow Creek and Hill Creek. This ridge is a major north/south travel route for this area, evidenced by the terrain and an old unbladed road. The prehistoric component consists of a light scatter of lithic debitage, a biface fragment an utilized flake, two Intermountain Brown Ware ceramic sherds, and two small hearths This component likely represents a temporary campsite used by Ute peoples during the Protohistoric period. The historic component represents occupation between the late 1880s and early 1900s by either Utes or Euroamericans. The artifacts consist of three tobacco cans, a sanitary coffee can, a sanitary food can, and three hole-in-top fruit or vegetable cans. Other cultural materials include a metal band and parts of a cast iron stove. Along the northern edge of the site is a single-episode dump containing out-of-period sanitary tin cans as well as burned oil shale. The site has good physical integrity with potential for additional buried features and cultural materials.

Smithsonian Site No.: 42Un2646
Temporary Site No.: MOAC 575 R/2
Legal Description: T 13S, R 21E, Sec. 32
NRHP Evaluation: Eligible

Description: This is a historic Ute Indian affiliated temporary camp with a sheep corral and a sweat lodge dated between 1872 and 1912. The site is located on the south slope of an east trending spur ridge, situated off a major ridge which separates Willow Creek and Hill Creek. In the north portion of this site is a corral (Feature 1) most likely used for containing sheep and horses. The rectangular enclosure is constructed from stacked logs which incorporated live trees with an opening in the southwest corner. In the southwest part of the site is the remains of a collapsed sweat lodge (Feature 2) consisting of ten axe-cut juniper branches. Associated with this structure are a pile of fire-cracked limestone (Feature 3), an ash/charcoal stain (Feature 4), and a hearth (Feature 5) which represent rock heating and disposal features. Most of the artifacts occur in this portion of the site and include a scatter of mainly baking powder containers, a 45/70 caliber cartridge shell, a thimble, a buckle, pieces of a ceramic platter, and a snap button. In addition a single-handed sandstone mano was documented along the northeast edge of this site. The use of groundstone implements (mano and metate) by the Northern Utes for various grinding tasks is documented in the ethnographic record during the occupational span of this site.

Smithsonian Site No.: 42Un2647
Temporary Site No.: MOAC 575 R/3
Legal Description: T 13S, R 21E, Sec. 32
NRHP Evaluation: Eligible

Description: This is a special-use Ute affiliated site located along the northwest slope of an east trending spur on a prominent ridge which separates Willow Creek and Hill Creek. Remnants of three wood storage platforms (Features 1, 2 and 3) were documented at this locality. The features are constructed from axe-cut wood branches built or placed in the crotches and limbs of both live and dead trees. The platforms occur about four feet above the modern ground surface with wood pieces scattered beneath the features. The only associated artifact is a modified hole-in-top can with a bailing wire handle (pre-dates 1920). These platforms likely functioned as storage facilities as described by Smith (1974) for the Northern Ute groups. According to Alvin Ignacio, (local Ute resident), during the 1930s an Ute woman shepherd maintained a number of camps in the Chimney Rock area in which she employed wood platforms for caching material goods. These storage features appear to be unique in the archaeological record of the area and contribute to the data base pertaining to Ute Indian subsistence activities, located outside of the reservation.

Isolated Finds of Artifacts

Isolated Find A (IF-A) is situated in the NW/SE/NW 1/4 of S.32, T 13S, R 21E (UTM 620880E-4389200N). The artifact is a stemmed projectile point manufactured from reddish-brown opaque chert. It has an expanding stem, convex edges, rounded tangs, and a slightly convex base (4.1 x 2.5 x 0.5 cm). The point exhibits evidence of percussion flake scars with pressure retouch and sharpening scars along lateral margins, as well as an impact fracture. The isolated find is situated on a ridge top overlooking a branch of Willow Creek. The hunting implement is similar to Scottsbluff variant dart points which exhibit prominent shoulders and cross-dates to the Late Paleoindian or Early Archaic temporal periods (Frison 1978:191).

Isolated Find B (IF-B) is situated in the SW/SE/NW 1/4 of S.32, T 13S, R 21E (UTM 620650E-4388990N). This is a Stage II biface fragment of beige opaque mottled chert (2.7 x 2.5 x 0.5 cm). The biface exhibits pressure flakes removed unifacially along one lateral margin.

Isolated Find C (IF-C) is situated in the NE/NE/SW 1/4 of S.32, T 13S, R 21E (UTM 620850E-4388705). It consists of two smashed hole-in-top can measuring approximately 4½ inches long with a cap diameter of 1 1/2 inches. One of the cans has a "No 7" embossed on the cap. Both have cut around openings.

NATIONAL REGISTER OF HISTORIC PLACES EVALUATION

The National Register Criteria for Evaluation of Significance and procedures for nominating cultural resources to the National Register of Historic Places (NRHP) are outlined in 36 CFR 60.4 as follows:

The quality of significance in American history, architecture, archaeology, and culture is present in districts, sites, buildings, structures, and objects of State and local importance that possess integrity of location, design, setting, material, workmanship, feeling, and association, and that they:

- a)...are associated with events that have made a significant contribution to the broad patterns of our history; or
- b)...are associated with the lives of persons significant to our past; or
- c)...embody the distinctive characteristics of a type, period, or method of construction; or that represents the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or
- d)...have yielded or may be likely to yield information important in prehistory or history.

The cultural resource inventory resulted in the documentation of three archaeological sites (42Un2645, 42Un2646, and 42Un2647), and three isolated finds of artifacts (IF-A, IF-B, and IF-C). Prehistoric sites are usually evaluated in terms of their potential for yielding information important to the prehistoric research domains of the area. Historic sites lacking association with important individuals are examined in terms of their structural integrity or their place in the broad patterns of American history. Site 42Un2645 is a Protohistoric (Numic) and early historic campsite containing several hearths. This multi-component site has potential for additional subsurface cultural remains. In particular the features could provide chronometric and subsistence-related data. The site is evaluated as eligible to the NRHP under Criterion (d), since additional investigations could provide relevant data to the research domains of the region. Site 42Un2646 is an Ute Indian affiliated temporary camp with a corral and sweat lodge. The structural features retain minimal structural integrity, although the sweat lodge is unique to the area in relation to the known archaeological record. The associated burned rock and ash features could yield additional information relative to chronology and subsistence. The site is considered eligible to the NRHP under Criterion (d) based on its additional research potential in addressing such research domains as site function, settlement patterns, and ideology. Specifically this site is significant in regards to off-reservation land use patterns engaged by the Ute Indians during the Early Reservation Period. Site 42Un2647 is an unique

special-use storage facility locus attributed to the Ute Indian cultural tradition. It consists of several wood storage platforms constructed or placed in trees. This features have been described by Smith (1974) in the ethnographic literature as employed by Northern Ute groups for storing supplies and food. The site is evaluated as eligible to the NRHP under Criterion (c), since the platforms are unusual and unique in regards to the archaeological record of the locality. In addition the site is deemed significant in context to the theme of early historic Ute Indian settlement/subsistence practices.

The isolated finds of artifacts consist of a late Paleoindian or early Archaic stemmed projectile point (IF-A), a Stage II biface fragment (IF-B), and several hole-in-top tin cans (IF-C). These isolated occurrences exhibit prehistoric and historic use of the project area and are not considered significant due to their lack of additional research potential.

MANAGEMENT RECOMMENDATIONS

The inventory of Del Rio/Orion's eight well locations, access routes, and pipeline resulted in the documentation of three archaeological sites (42Un2645, 42Un2646, and 42UN2647). These sites are considered eligible to the NRHP. All of the significant sites will be avoided from project impacts related to this well development undertaking.

Based on the findings, a determination of "no adverse effect" is submitted for this undertaking pursuant to Section 106, CFR 800.

REFERENCES CITED

- Burton, D.K.
1996 *A History of Uintah County: Scratching the Surface*. Utah Centennial County History Series. Utah State Historical Society and Uintah County Commission.
- Callaway, D., J. Janetski, and O.C. Stewart
1986 Ute. In *Great Basin*, edited by Warren L. D'Azevedo, pp. 336-367. *Handbook of North American Indians, Volume II: Great Basin*, edited by William C. Sturtevant, Smithsonian Institution, Washington.
- Frison, G.C.
1978 *Prehistoric Hunters of the High Plains*. Academic Press, New York.
- Holmer, R.
1986 Projectile Points of the Intermountain West. In *Anthropology of the Desert West: Essays in Honor of Jesse D. Jennings*, edited by Carol J. Condie and Don D. Fowler, pp. 89-116. *University of Utah Anthropological Papers No. 110*. Salt Lake City.
- Horn, J.C., A. D. Reed, and S. M. Chandler
1994 Grand Resource Area Class I Cultural Resource Inventory. Alpine Archaeological Consultants, Inc. Montrose. Bureau of Land Management, Moab, Utah.
- Larralde, S.L. , and S.M. Chandler
1981 Archaeological Inventory in the Seep Ridge Cultural Study Tract, Uintah County, Northeastern Utah. *Cultural Resource Series No. 11*. Utah Bureau of Land Management, Salt Lake City.
- Marwitt, J.P.
1970 Median Village and Fremont Culture Regional Variation. *University of Utah Anthropological Papers No. 95*. Salt Lake City.
- Polk, M.R.
1999 A Cultural Resource Inventory of Lone Mountain Production's Federal Well V#12-21, Uintah County, Utah. Sagebrush Consultants Ogden, Utah. U-99-SJ-0118b.

- Reed, A.D.
 1988 Ute Cultural Chronology. In *Archaeology of the Eastern Ute: A Symposium* edited by Paul R. Nickens, pp 79-101. Colorado Council of Professional Archaeologists Occasional Papers No. 1. Denver.
- 1994 The Numic Occupation of Western Colorado and Eastern Utah during the Prehistoric and Protohistoric Periods. In *Across the West: Human Population Movement and the Expansion of the Numa*, edited by D.B. Madsen and D. Rhode. University of Utah Press.
- Shields, W.F.
 1970 The Fremont Culture in the Uinta Basin. Paper presented at the Fremont Culture Symposium, 35th Annual Meeting of the Society for American Archaeology, Mexico City.
- Simms, S.R.
 1979 High Altitude Archaeology in Utah: A Cultural Resource Inventory of 11 Projects and a Test Excavation (42Sv1357) in the Fishlake National Forest. *University of Utah Archaeological Reports of Investigations* 79-36. Salt Lake City.
- 1990 Fremont Transitions. *Utah Archaeology* 3(1):1-18. Salt Lake City.
- Smith, A.M.
 1974 *Ethnography of the Northern Utes*. Papers in Anthropology No. 17. Museum of New Mexico Press.
- Spangler, J.D.
 1993 Site Distribution and Settlement Patterns in Lower Nine Mile Canyon: The Brigham Young University Surveys of 1989-91. Master's thesis, Brigham Young University, Provo, Utah..
- 1995 Paradigms and Perspectives: A Class I Overview of Cultural Resources in the Uinta Basin and Tavaputs Plateau.
- Stokes, W.L.
 1986 *Geology of Utah*. Utah Museum of Natural History and Utah Geological and Mineral Survey, Salt Lake City.

APPENDIX A

SITES 42UN2645, 42UN2646 AND 42UN2647
INTERMOUNTAIN ANTIQUITIES COMPUTER SYSTEM (IMACS) SITE FORMS

On File At:

Utah Division of State History
Salt Lake City, Utah

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 12/13/1999

API NO. ASSIGNED: 43-047-33445

WELL NAME: CHIMNEY ROCK 32-11
 OPERATOR: DEL-RIO RESOURCES INC (N0330)
 CONTACT: LARRY CALDWELL

PHONE NUMBER: 435-789-8162

PROPOSED LOCATION:
 NESW 32 130S 210E
 SURFACE: 2116 FSL 2081 FWL
 BOTTOM: 2116 FSL 2081 FWL
 UINTAH
 WILDCAT (1)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	<i>RSK</i>	1-13-00
Geology		
Surface		

LEASE TYPE: 3-State
 LEASE NUMBER: ML-47437
 SURFACE OWNER: 83 per SITLA 12-16-99

PROPOSED FORMATION: CSLGT

RECEIVED AND/OR REVIEWED:

Plat
 Bond: Fed[] Ind[] Sta[3] Fee[]
 (No. 2985402)

Potash (Y/N)
 Oil Shale (Y/N) *190 - 5 (B)
 Water Permit
 (No. 49-1637)

RDCC Review (Y/N)
 (Date: Decm LTR 12-29-99 / Comments Due 1-25-00)

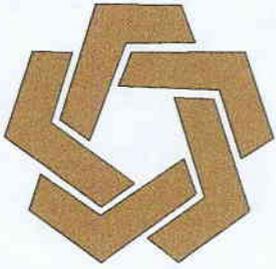
Fee Surf Agreement (Y/N)

LOCATION AND SITING:

R649-2-3. Unit _____
 R649-3-2. General
 Siting: _____
 R649-3-3. Exception
 Drilling Unit
 Board Cause No: _____
 Eff Date: _____
 Siting: _____
 R649-3-11. Directional Drill

COMMENTS: Need Presite. (114100)

STIPULATIONS: ① STATEMENT OF BASIS



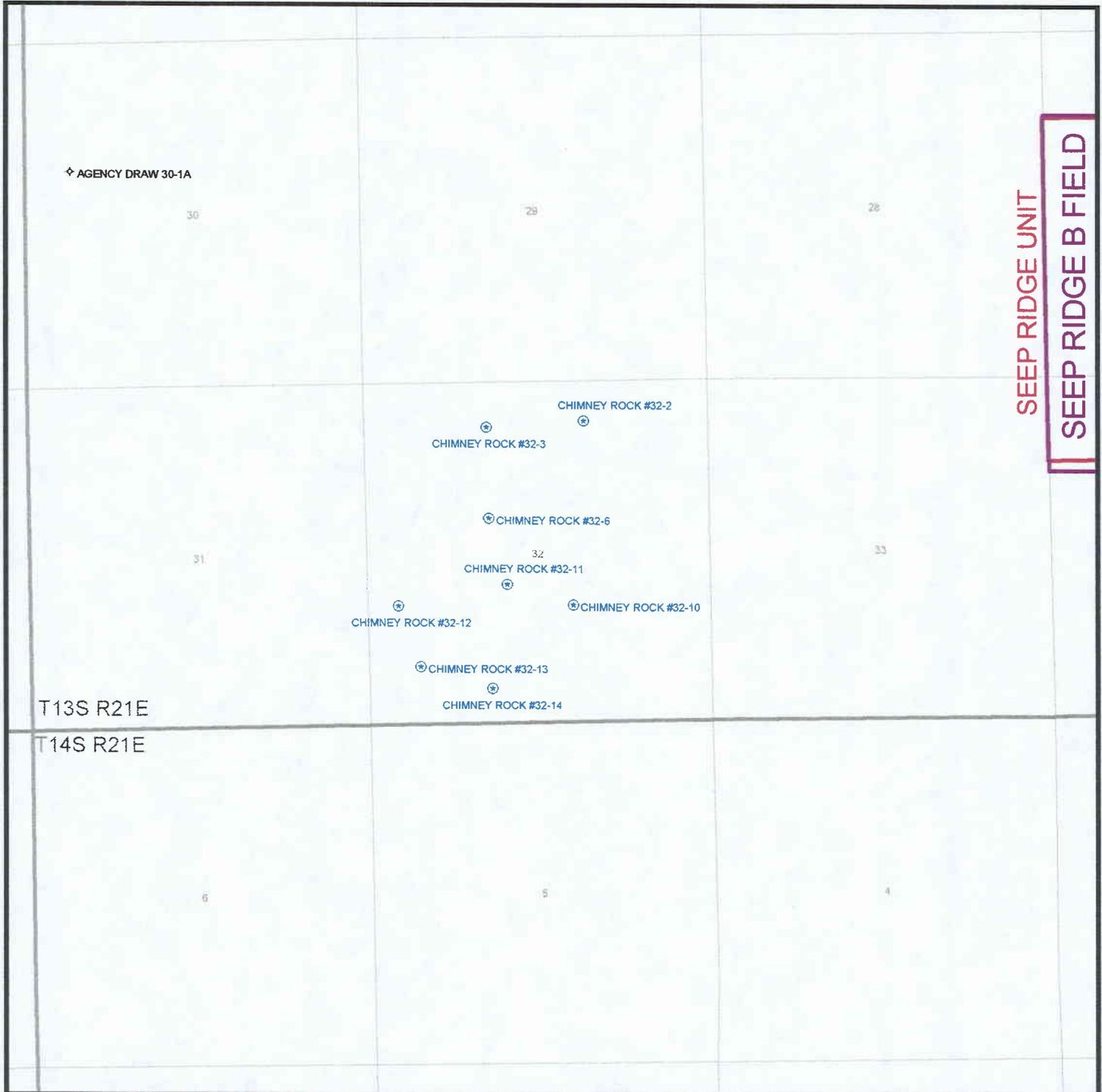
Division of Oil, Gas & Mining

OPERATOR: DEL-RIO PERTOLEUM (N0330)

FIELD: WILDCAT (001)

SEC. 32, TWP 13 S, RNG 21 E

COUNTY: UINTAH UNIT: NONE



PREPARED
DATE: 15-DEC-1999

STATE ACTIONS

Mail to:
RDCC Coordinator
116 State Capitol
Salt Lake City, Utah 84114

-
1. ADMINISTERING STATE AGENCY
OIL, GAS AND MINING
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801
2. STATE APPLICATION IDENTIFIER NUMBER:
(assigned by State Clearinghouse)
-
3. APPROXIMATE DATE PROJECT WILL START:
Upon Approval
-
4. AREA WIDE CLEARING HOUSE(S) RECEIVING STATE ACTIONS:
(to be sent out by agency in block 1)
Uintah Basin Association of Governments
-
5. TYPE OF ACTION: Lease Permit License Land Acquisition
 Land Sale Land Exchange Other _____
-
6. TITLE OF PROPOSED ACTION:
Application for Permit to Drill
-
7. DESCRIPTION:
Del Rio Resources proposes to drill the Chimney Rock State #32-11 well (wildcat) on state lease ML-47437, Uintah County, Utah. This action is being presented to 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.
-
8. LAND AFFECTED (site location map required) (indicate county)
NE SW, Section 32, Township 13 South, Range 21 East, Uintah County, Utah
-
9. HAS THE LOCAL GOVERNMENT(S) BEEN CONTACTED?
No
-
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 NUMBER OF DISTRICT REPRESENTATIVE FROM YOUR AGENCY NEAR PROJECT SITE, IF APPLICABLE:
-
12. FOR FURTHER INFORMATION, CONTACT: 13. SIGNATURE AND TITLE OF AUTHORIZED OFFICIAL:


John R. Baza
PHONE: 538-5334

Associate Director

DATE: December 29, 1999

4. UT000104-020 DOGM/Uintah County: Application for Permit to Drill - proposal to drill the Chimney Rock State #32-3 well (wildcat) on State lease ML-47437 (Sec. 32, T13S, R21E) (contact person John Baza - 801/538-5340). Comments due 1/25/00.
5. UT000104-030 DOGM/Uintah County: Application for Permit to Drill - proposal to drill the Chimney Rock State #32-6 well (wildcat) on State lease ML-47437 (Sec. 32, T13S, R21E) (contact person John Baza - 801/538-5340). Comments due 1/25/00.
6. UT000104-040 DOGM/Uintah County: Application for Permit to Drill - proposal to drill the Chimney Rock State #32-10 well (wildcat) on State lease ML-47437 (Sec. 32, T13S, R21E) (contact person John Baza - 801/538-5340). Comments due 1/25/00.
7. UT000104-050 DOGM/Uintah County: Application for Permit to Drill - proposal to drill the Chimney Rock State #32-11 well (wildcat) on State lease ML-47437 (Sec. 32, T13S, R21E) (contact person John Baza - 801/538-5340). Comments due 1/25/00.
8. UT000104-060 DOGM/Uintah County: Application for Permit to Drill - proposal to drill the Chimney Rock State #32-12 well (wildcat) on State lease ML-47437 (Sec. 32, T13S, R21E) (contact person John Baza - 801/538-5340). Comments due 1/25/00.
9. UT000104-070 DOGM/Uintah County: Application for Permit to Drill - proposal to drill the Chimney Rock State #32-13 well (wildcat) on State lease ML-47437 (Sec. 32, T13S, R21E) (contact person John Baza - 801/538-5340). Comments due 1/25/00.

ON-SITE PREDRILL EVALUATION
Division of Oil, Gas and Mining

OPERATOR: DEL-RIO RESOURCES, INC.
WELL NAME & NUMBER: CHIMNEY ROCK 32-11
API NUMBER: 43-047-33445
LEASE: ML 47437 FIELD/UNIT: WILDCAT
LOCATION: 1/4, 1/4 NE/SW SEC: 32 TWP: 13S RNG: 21E
2081' F W L 2116' F S L
LEGAL WELL SITING: Statewide 400 foot window in center of 40
acre tract and no closer than 920 feet from
another well; or Board Spaced area requiring
460 Setback and 920 From another well.
GPS COORD (UTM): 12620780E 4388980N
SURFACE OWNER: STATE OF UTAH

PARTICIPANTS:

LAWRENCE CALDWELL (DEL-RIO), ROBERT KAY (UELS), DAVID HACKFORD
(D.O.G.M.), ONE DIRT CONTRACTOR.

REGIONAL/LOCAL SETTING & TOPOGRAPHY:

SITE IS IN ON THE POINT OF A SECONDARY RIDGE RUNNING EAST FROM
THE MAIN NORTH-SOUTH RIDGE BETWEEN WILLOW CREEK AND AGENCY DRAW.
DRAINAGE IS TO THE NORTH, EAST, AND SOUTH. CHIMNEY ROCK IS 0.5
MILES TO THE SOUTHWEST.

SURFACE USE PLAN:

CURRENT SURFACE USE: WILDLIFE AND LIVESTOCK GRAZING.
HUNTING. FIREWOOD CUTTING.

PROPOSED SURFACE DISTURBANCE: LOCATION WOULD BE 300' BY 206'
AND ACCESS ROAD WOULD BE 200'.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: SEE
ATTACHED MAP FROM GIS DATABASE

LOCATION OF PRODUCTION FACILITIES AND PIPELINES:
ALL PRODUCTION FACILITIES WILL BE ON LOCATION AND ADDED
AFTER DRILLING WELL. PIPELINE WILL FOLLOW ACCESS ROAD AND
TIE INTO EXISTING PIPELINE 200' TO THE WEST.

SOURCE OF CONSTRUCTION MATERIAL: ALL CONSTRUCTION MATERIAL
WILL BE BORROWED FROM SITE DURING CONSTRUCTION OF LOCATION.

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

WASTE MANAGEMENT PLAN:

DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT. LIQUIDS FROM PIT WILL BE ALLOWED TO EVAPORATE. FORMATION WATER WILL BE CONFINED TO STORAGE TANKS. SEWAGE FACILITIES, STORAGE AND DISPOSAL WILL BE HANDLED BY COMMERCIAL CONTRACTOR. TRASH WILL BE CONTAINED IN TRASH BASKETS AND HAULED TO AN APPROVED LAND FILL.

ENVIRONMENTAL PARAMETERS:

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: NATIVE GRASSES, GREASEWOOD, SALT BRUSH, PINION, JUNIPER, SAGE: RODENTS, COYOTES, COUGAR, DEER, ELK, RABBIT, RAPTORS, WILD HORSES.

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SANDY LOAM.

EROSION/SEDIMENTATION/STABILITY: VERY LITTLE NATURAL EROSION. SEDIMENTATION AND STABILITY ARE NOT A PROBLEM AND LOCATION CONSTRUCTION SHOULDN'T CAUSE ANY INCREASE IN STABILITY OR EROSION PROBLEMS.

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED

RESERVE PIT:

CHARACTERISTICS: 110' BY 69' AND 10' DEEP.

LINER REQUIREMENTS (Site Ranking Form attached): A LINER WILL NOT BE REQUIRED FOR RESERVE PIT.

SURFACE RESTORATION/RECLAMATION PLAN:

AS PER STATE OF UTAH.

SURFACE AGREEMENT: STATE TRUST LANDS.

CULTURAL RESOURCES/ARCHAEOLOGY: SITE WAS INSPECTED BY MONTGOMERY ARCHAEOLOGICAL CONSULTANTS ON 10/7/99. A REPORT OF THIS INVESTIGATION WILL BE PLACED ON FILE.

OTHER OBSERVATIONS/COMMENTS:

THE PRE-DRILL INVESTIGATION TOOK PLACE ON 1/4/2000, A COLD WINDY DAY WITH ONE INCH OF SNOW COVER.

ATTACHMENTS:

PHOTOS OF SITE WILL BE PLACED ON FILE.

DAVID W. HACKFORD
DOGM REPRESENTATIVE

1/4/2000-11:45 AM
DATE/TIME

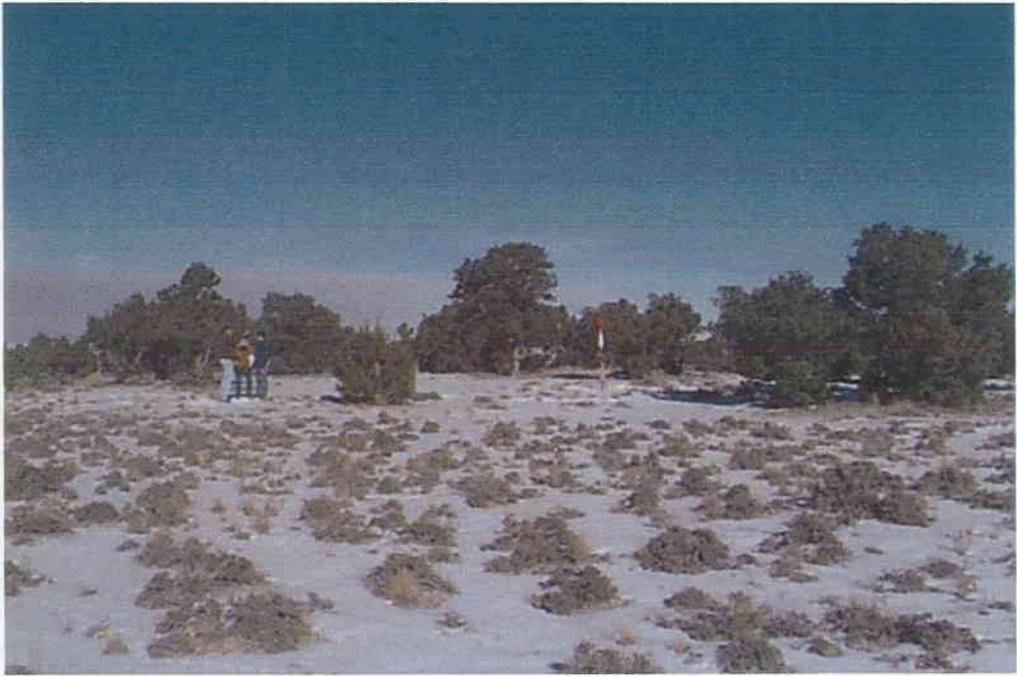
**Evaluation Ranking Criteria and Ranking Score
For Reserve and On-site Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>0</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	15	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>0</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	15	
TDS >10000 or Oil Base	20	
Mud Fluid containing high levels of hazardous constituents		<u>15</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>
Final Score		<u>15</u>











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

Operator Name: DEL-RIO RESOURCES, INC.

Well Name & Number: CHIMNEY ROCK 32-11

API Number: 43-047-33445

Location: 1/4, 1/4 NE/SW Sec. 32 T. 13S R. 21E

Geology/Ground Water:

The proposed wellsite is located on eroded Green River Formation. The Green River Formation in this area is made up of interbedded sandstones, limestones and shales. The beds dip predominantly to the north and are deeply incised by active drainages. This area serves as a recharge area for Green River aquifers to the north. Depth to the moderately saline groundwater is estimated at 3100 feet at this location. A search of Division of Water Rights records show no water wells or points of diversion in section 32. The 300 feet of surface casing which is proposed for this well should adequately protect any groundwater resources.

Reviewer: Brad Hill

Date: 1/12/2000

Surface:

The pre-drill investigation of the surface was performed on 1/4/2000. This site is on state land with a state mineral lease. Ed Bonner with S.I.T.L.A. and Jack Lytle with D.W.R. were invited to attend this investigation on 12/21/99. Neither chose to attend. Because this site is in sight of the main county road, I asked that trees removed during the construction of location and access road be piled east of location. Both Mr. Caldwell and the dirt contractor said this would not be a problem. Access road will cross existing 8" pipeline which runs parallel to county road. A bridge over this pipeline will be constructed from heavy wall casing split length wise.

Reviewer: David W. Hackford

Date: 1/7/2000

Conditions of Approval/Application for Permit to Drill:

1. Trees removed during construction of location and access road shall be piled east of location.
2. Surface casing shall be cemented to ground surface.

Well name:	1-00 Del Rio CR 32-11	
Operator:	Del Rio	Project ID:
String type:	Surface	43-047-33445
Location:	Uintah Co.	

Design parameters:

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

Minimum design factors:

Collapse:
 Design factor 1.125

Environment:

H2S considered? No
 Surface temperature: 75 °F
 Bottom hole temperature: 79 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 220 ft

Burst:

Design factor 1.00

Cement top: Surface

Burst

Max anticipated surface pressure: -3,529 psi
 Internal gradient: 12.203 psi/ft
 Calculated BHP 131 psi

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)

Non-directional string.

No backup mud specified.

Tension is based on buoyed weight.
 Neutral point: 263 ft

Re subsequent strings:

Next setting depth: 6,300 ft
 Next mud weight: 8.500 ppg
 Next setting BHP: 2,782 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 6,300 ft
 Injection pressure 6,300 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft ³)
1	300	9.625	36.00	K-55	LT&C	300	300	8.765	21.4
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	131	2020	15.44	131	3520	26.90	9	489	51.72 J

Prepared RJK
 by: Utah Dept. of Natural Resources

Phone:
 FAX:

Date: January 13,2000
 Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE
 Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
 Collapse is based on a vertical depth of 300 ft, a mud weight of 8.4 ppg The casing is considered to be evacuated for collapse purposes.
 Burst strength is not adjusted for tension.

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

Well name:
 Operator: **Del Rio**
 String type: **Production**
 Location: **Uintah Co.**

1-00 Del Rio CR 32-11

Project ID:
 43-047-33445

Design parameters:

Collapse

Mud weight: 9.000 ppg
 Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 0 psi
 Internal gradient: 0.468 psi/ft
 Calculated BHP 2,950 psi

No backup mud specified.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

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

Tension is based on buoyed weight.
 Neutral point: 5,450 ft

Environment:

H2S considered? No
 Surface temperature: 75 °F
 Bottom hole temperature: 163 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,500 ft

Cement top: 1,821 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft ³)
1	6309	7	29.00	N-80	LT&C	6309	6309	6.059	370.2
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2950	7020	2.38	2950	8160	2.77	158	597	3.78 J

Prepared RJK
 by: Utah Dept. of Natural Resources

Phone:
 FAX:

Date: January 13,2000
 Salt Lake City, Utah

ENGINEERING STIPULATIONS: NONE

Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.
 Collapse is based on a vertical depth of 6309 ft, a mud weight of 9 ppg The casing is considered to be evacuated for collapse purposes.
 Burst strength is not adjusted for tension.

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

1-00 Del Rio CR 32-11

Casing Schematic

*Cement
TBS w/
— 0% hole
washout*

Surface

9-5/8"
MW 8.4
Frac 19.3

TOC @
0.
Surface
300. MD

23 1/2

TOC @
1821.

30%

7"
MW 9.

Production
6309. MD



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Baxton
Division Director

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

801-538-5340

801-359-3940 (Fax)

801-538-7223 (TDD)

January 27, 2000

Del Rio Resources, Inc.
P.O. Box 459
Vernal, Utah 84078

Re: Chimney Rock 32-11 Well, 2116' FSL, 2081' FWL, NE SW, Sec. 32, T. 13 S, R. 21 E,
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.

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 43-047-33445.

Sincerely,

John R. Baza
Associate Director

jb

Enclosures

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

Operator: Del- Rio Resources, Inc.

Well Name & Number: Chimney Rock 32-11

API Number: 43-047-33445

Lease: ML-47437

Location: NE SW Sec. 32 T. 13 S. R. 21 E

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division 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

Division contacts (please leave a voice mail message if person is not available to take the call):

- Dan Jarvis at (801)538-5338
- Robert Krueger at (801)538-5274 (plugging)
- Carol Daniels at (801)538-5284 (spud)

3. Reporting Requirements

All required reports, forms and submittals shall 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)

Del Rio Resources, Inc
584 South State Street
Orem, UT 84058
Phone: (801) 225-0038
Fax: (801) 225-3658

Del Rio Resources, Inc

Fax

To: Lisha Cordova

From: K.C. Shaw

Fax: 801-359-3940

Date: January 27, 2000

Phone: 801-538-5296

Pages: 2

Re: Designation of Operator for ML47437

CC:

Urgent **For Review** **Please Comment** **Please Reply** **Please Recycle**

•Comments:

Lisha,

Attached is a copy of the Designation of Operator sheet for **ML 47437** that I faxed to Dawnyell Gallien at State Trust Lands. I will forward the original to her in the mail.

Please contact me if you have any questions.

KC Shaw

DESIGNATION OF OPERATOR

The undersigned is, on the records of the School and Institutional Trust Lands Administration, holder of lease, ML 47437

and hereby designates

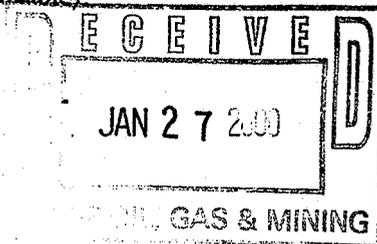
NAME: DEL-RIO Resources, Inc

ADDRESS: PO Box 459
Vernal, UT 84078

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

T13S R21E, SLBAM

Sec 32: All



Operator agrees to comply with all lease provisions, statutes, rules, and regulations, whether federal, state, or local, in its operations on the subject lease.

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

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

The lessee agrees promptly to notify the Trust Lands Administration of any change in the designated operator.

[Signature]
(Signature of Lessee)
DANK SHAW

4435 South Eastern Avenue
(Address)
Las Vegas, NV 89193

[Signature]
(Signature of Operator)

1/24/00
(Date)

1/27/00
(Date)

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: DEL RIO RESOURCES INC

Well Name: CHIMNEY ROCK 32-11

Api No. 43-047-33445 Lease Type: STATE

Section 32 Township 13S Range 21E County UINTAH

Drilling Contractor _____ RIG # _____

SPUDDED:

Date 04/06/2000

Time 12:00 NOON

How DRY HOLE

Drilling will commence _____

Reported by LARRY CALDWELL

Telephone # _____

Date 04/072000 Signed: CHD

DEC 12 2000

ENTITY ACTION FORM

DIVISION OF
OIL, GAS AND MINING

Operator: Del-Rio Resources, Inc.
Address: PO Box 459
city Vernal
state UT zip 84078

Operator Account Number: N 0330

Phone Number: (435) 789-5240

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304733448	Chimney Rock 32-14		SESW	32	13S	21E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	12983	2/23/2000			12/11/2000	
Comments: 12-13-00							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304733445	Chimney Rock 32-11		NESW	32	13S	21E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	12984	4/7/2000			12/11/2000	
Comments: 12-13-00							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304733447	Chimney Rock 32-13		SWSW	32	13S	21E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	12985	5/18/2000			12/11/2000	
Comments: 12-13-00							

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)

Larry Jorgensen

Name (Please Print)

Signature

Production Manager

Title

12/9/2000

Date

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

FORM 6

ENTITY ACTION FORM

Operator: Del-Rio Resources, Inc. Operator Account Number: N 0330
 Address: PO Box 459
city Vernal
state UT zip 84078 Phone Number: (435) 789-5240

Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304733445	Del-Rio/Orion 32-11	NESW	32	13S	21E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date	
A	99999	12984	4/7/2000		3/9/2001	
Comments: 12-13-00						

Well 2

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304733595	Del-Rio/Orion 28-1A	NWSW	28	14S	20E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date	
A	99999	13059	2/18/2001		3/9/2001	
Comments: 3-12-01						

Well 3

API Number	Well Name	QQ	Sec	Twp	Rng	County
4304733616	Del-Rio/Orion 29-4A	SWSE	29	14S	20E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date	
A	99999	13060	2/16/2001		3/9/2001	
Comments: 3-12-01						

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)

Larry Jorgensen

Name (Please Print)

Larry Jorgensen
Signature

Production Manager

3/9/2001

Title

Date

Comet Resources

584 South State Street
Orem, Utah 84058

August 7, 2001

Department of Oil, Gas & Minerals
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Dear Sir or Madam:

Enclosed are the logs for the following wells in Section 32, Township 14 S, Range 20E:

CR 32-11A: API# 43-047-33445; CBL

Sited in log files

CR = Chimney Rock

CBL = Cement Bond Log

DLLT = Dual Laterolog

SDL/DSN = Spectral Density / Dual Spaced Neutron

BCS = Borehole Compensated Sonic

HRI = High Resolution Induction

Please contact KC Shaw at 801-225-0038 if you have any questions. Thank you.

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AUG 10 2001

DIVISION OF
OIL, GAS AND MINING


Del-Rio Resources, Inc.

 PO Box 459
 Vernal, UT 84078
 USA

 Phone: (435)789-5240
 Fax: (435)789-3487
 Email: HyperAdept@aol.com

Fax Cover Sheet

Send to: DOGM	From: Larry Jorgensen
Attention: Carol Daniels	Office location: Vernal, UT
Office location: Salt Lake City	Date: 3/15/2002
Fax number: (801)359-3940	Phone number: (435)789-5240

 URGENT
 REPLY ASAP
 PLEASE COMMENT
 PLEASE REVIEW
 FOR YOUR INFORMATION

TOTAL PAGES, INCLUDING COVER: 19

Comments:

Carol,

Here are the completion reports for Wells 32-7A, 30-5A, 32-2A, 32-14, 32-11 and 32-13.

 Thank you,
 Larry Jorgensen
 Del-Rio Resources, Inc.

Del-Rio Resources, Inc.
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 DIVISION OF
 OIL, GAS AND MINING

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

AMENDED REPORT FORM 8
(highlight changes)

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML-47437

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

18. TYPE OF WELL: OIL WELL GAS WELL DRY OTHER _____

7. UNIT or CA AGREEMENT NAME

b. TYPE OF WORK: NEW MODIF. DEEP. RE. DIFF.

8. WELL NAME and NUMBER:
Del-Rio/Orion CR 32-11

2. NAME OF OPERATOR:
Del-Rio Resources, Inc.

9. API NUMBER:
4304733445

3. ADDRESS OF OPERATOR:
PO Box 459 Vernal UT 84078

PHONE NUMBER:
(435) 790-8578

10. FIELD AND POOL, OR WILDCAT
Wildcat

4. LOCATION OF WELL (FOOTAGES)
2081' FWL 2116' FSL

11. CTQR/CTR. SECTION, TOWNSHIP, RANGE, MERIDIAN:
NESW 32 13S 21E

AT TOP PRODUCING INTERVAL REPORTED BELOW: 2081' FWL 2116' FSL

AT TOTAL DEPTH: 2081' FWL 2116' FSL

12. COUNTY: Uintah 13. STATE: UTAH

14. DATE SPUNDED: 4/7/2000 15. DATE T.D. REACHED: 5/11/2000 16. DATE COMPLETED: 1/5/2002
ABANDONED READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):
GL 6576' DF 6592'

18. TOTAL DEPTH: MD 11,358 TVD 11,358

19. PLUG BACK T.D.: MD 11,314 TVD 11,314

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE MD 6,730 TVD 6,730
PLUG SET:

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
Halliburton GR/HRI, GR/SDL/DSN, GR/BCS & CBL 4-8-02
9601 9601 9601

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

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

HOLE SIZE	SIZE/GRADE	WEIGHT (WTL)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
12 1/4	9 5/8 J-55	36	0	868		G 487	224		None
8 3/4	7 N-80	29	0	11,255	6,588	II HS 1,535	390	870	None

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	6,464							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Castlegate	6,454	6,454	6,454	6,454
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
11,220 - 11,226	0.43	24	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
10,882 - 10,884	0.43	8	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
10,878 - 10,882	0.43	8	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
10,876 - 10,878	0.43	8	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
10878-10882	Break down perms with 2000 gals acetic acid, 1500 gals 12-3 mud acid, 1500 gals HF.
10836-10842	Break down perms with 1000 gals acetic acid, 1500 gals 12-3 mud acid, 1500 gals HF.
11220-11226	Break down perms with 1000 gals acetic acid, 1500 gals 12-3 mud acid, 1500 gals HF.

29. ENCLOSED ATTACHMENTS:

- ELECTRICAL/MECHANICAL LOGS GEOLOGIC REPORT DST REPORT DIRECTIONAL SURVEY
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION CORE ANALYSIS OTHER: attachments for 27 & 28. Logs to be sent under separate cover.

30. WELL STATUS:

Shut-in

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31. INITIAL PRODUCTION

INTERVAL A (As shown in item #28)

DATE FIRST PRODUCED:		TEST DATE: 8/13/2001		HOURS TESTED: 10		TEST PRODUCTION RATES: →	OIL - BBL: 7	GAS - MCF: 250	WATER - BBL: 15	PROD. METHOD: Swab
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: 14	GAS - MCF: 300	WATER - BBL: 30	INTERVAL STATUS:

INTERVAL B (As shown in item #28)

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 #28)

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 #28)

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 (Sale, Used for Fuel, Vented, Etc.)

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof. Corad 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)
Jm Salt Wash Mt	11,214	11,240	brine & gas	Wasatch	2,272
Cedar Mtn	10,845	10,884	brine & gas	Mesaverde Group	4,504
Mancos	10,460	10,470	gas	Castlegate Sandstone	6,431
Mancos	8,975	8,995	gas	Mancos Shale	6,774
Mancos	8,795	8,805	gas	Dakota Fm marker	10,702
Castlegate	6,556	6,586	gas	Morrison Fm	11,011
Castlegate	6,454	6,552	oil & gas		

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) Larry Jorgensen

TITLE Production Manager

SIGNATURE Larry Jorgensen

DATE 3/15/2002

This report must be submitted within 30 days of

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

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

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

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

Phone: 801-538-5340
Fax: 801-359-3940

(5/2000)

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Well CR 32-11 Attachment

27 - Perforation Record

<u>Interval</u>	<u>Size</u>	<u>No. Holes</u>	<u>Status</u>
10836 - 10842	0.43	24	Open
10460 - 10470	0.43	40	Open
8975 - 8995	0.43	80	Open
8795 - 8805	0.43	40	Open
6636.5 - 6637.5	0.43	4	Squeezed
6568 - 6572	0.43	16	Squeezed
6562 - 6566	0.43	16	Squeezed
6536 - 6546	0.43	40	Open
6522 - 6528	0.43	24	Open
6494 - 6500	0.43	24	Open
6454 - 6464	0.43	40	Open

28. Acid, Fracture, Treatment, Cement squeeze, etc.

11040	Set CIBP with wireline - 3/2/2001
10836 - 10884	Break down perfs with 2000 gals 7% Hcl acid & 4000 gals Coal Stim (third attempt due to packer failures) - 3/13/2001
10836 - 10884	Frac perfs with 36,405 lbs 20/40 sand carried in 863 bbls load fluid - 3/20/2001
10570	Set CIBP with wireline - 4/23/2001
10460 - 10470	Break down perfs with 1000 gals 7% Hcl acid & 4000 gals Coal Stim - 4/24/2001
9100	Set CIBP with wireline - 4/26/2001
8975 - 8995	Break down perfs with 1000 gals 7% Hcl acid & 4000 als Coal Stim - 4/27/2001
8920	Set CIBP with wireline - 5/8/2001
8795 - 8805	High energy gas stimulation and break down perfs with 1000 gals methanol & 1000 gals Coal Stim - 5/14/2001
6730	Set CIBP with wireline - 5/21/2001
6536 - 6572	Break down perfs with 2000 gals 15% Hcl acid - 5/23/2001
6454 - 6464	Break down perfs with 1000 gals 15% Hcl acid & 4000 gals Coal Stim - 5/30/2001
6454 - 6572	High energy gas stimulation (prior to perfig 6522 - 6528 & 6494 - 6500) - 6/2/2001
6454 - 6572	Frac perfs with 148,000 lbs 20/40 sand carried in 1242 bbls load fluid (prior to perfig 6522 - 6528 & 6794 - 6500) - 6/4/2001
6636.5 - 6637.5	Squeezed with 5 bbls cement slurry which squeezed off 6568 - 6572 & 6562 - 6566 - 7/11/2001
6548	Set 0.25" capillary string from surface for foam injection - 1/4/2002

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DIVISION OF
OIL, GAS AND MINING

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: See attached schedule
2. NAME OF OPERATOR: Del Rio Resources, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: P OP Box 459 CITY Vernal STATE UT ZIP 84078		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached		8. WELL NAME and NUMBER: See attached schedule
QTRQTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER: See attach
		10. FIELD AND POOL, OR WILDCAT: See attached schedule
		COUNTY: Uintah
		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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<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 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.

Shaw Resources Limited, L.L.C., as record title owner, hereby designates Miller, Dyer & Co. LLC as operator of the above captioned wells effective 9/8/2003. Miller, Dyer & Co. LLC is responsible under the terms and conditions of the lease for operations conducted on the leased lands or portions thereof.

Bond coverage for this well will be provided by a rider filed to BLM Bond No. UTB000058 and SITLA Bond # Cash
Deposit, see attached letter dated 10/1/03

SHAW RESOURCES LIMITED, L.L.C.
By: Energy Management Services, L.L.C., its Manager
By: Energy Management Services, Inc. Its Manager,
BY: [Signature]
David Husman, President

NAME (PLEASE PRINT) <u>Kyle R. Miller</u>	TITLE <u>Member, Miller, Dyer & Co. LLC.</u>
SIGNATURE <u>[Signature]</u>	DATE <u>10/20/03</u>

Lease ML - 47437

Field	Well Name	API #	Well Location
Chimney Rock	Del-Rio/Orion 32-11	4304733445	<u>Township 13 South, Range 21 East, Uintah County, SLM, Utah</u> <u>Section 32: NE ¼ SW ¼</u>
Chimney Rock	Del-Rio/Orion 32-13	4304733447	<u>Township 13 South, Range 21 East, Uintah County, SLM, Utah</u> <u>Section 32: SW ¼ SW ¼</u>
Chimney Rock	Del-Rio/Orion 32-14	4304733448	<u>Township 13 South, Range 21 East, Uintah County, SLM, Utah</u> <u>Section 32: SE ¼ SW ¼</u>

Lease ML-44317

OIL AND GAS WELLS

<u>Field</u>	<u>Well Name</u>	<u>API #</u>	<u>Well Location</u>
Flat Rock	Del-Rio/Orion 32-1A	4304732758	Township 14 South, Range 20 East, Uintah County, SLM, Utah Section 32: NE ¼ NW ¼
Flat Rock	Del-Rio/Orion 32-2A	4304733333	Township 14 South, Range 20 East, Uintah County, SLM, Utah Section 32: NW ¼ NW ¼
Flat Rock	Del-Rio/Orion 32-3A	4304733334	Township 14 South, Range 20 East, Uintah County, SLM, Utah Section 32: SW ¼ NW ¼
Flat Rock	Del-Rio/Orion 32-4A	4304733335	Township 14 South, Range 20 East, Uintah County, SLM, Utah Section 32: SE ¼ NW ¼
Flat Rock	Del-Rio/Orion 32-5A	4304710577	Township 14 South, Range 20 East, Uintah County, SLM, Utah Section 32: NE ¼ SE ¼
Flat Rock	Del-Rio/Orion 32-6A	4304733337	Township 14 South, Range 20 East, Uintah County, SLM, Utah Section 32: SW ¼ NE ¼
Flat Rock	Del-Rio/Orion 32-7A	4304733618	Township 14 South, Range 20 East, Uintah County, SLM, Utah Section 32: NW ¼ NE ¼
Flat Rock	Del-Rio/Orion 32-8A	4304733557	Township 14 South, Range 20 East, Uintah County, SLM, Utah Section 32: NE ¼ NE ¼
Flat Rock	Del-Rio/Orion 32-9A	4304733619	Township 14 South, Range 20 East, Uintah County, SLM, Utah Section 32: SE ¼ NE ¼
Flat Rock	Del-Rio/Orion 32-10A	4304733620	Township 14 South, Range 20 East, Uintah County, SLM, Utah Section 32: NW ¼ SE ¼
Flat Rock	Del-Rio/Orion 32-11A	4304733621	Township 14 South, Range 20 East, Uintah County, SLM, Utah Section 32: NE ¼ SW ¼
Flat Rock	Del-Rio/Orion 32-12A	4304733558	Township 14 South, Range 20 East, Uintah County, SLM, Utah Section 32: NW ¼ SW ¼
Flat Rock	Del-Rio/Orion 32-16A	4304734098	Township 14 South, Range 20 East, Uintah County, SLM, Utah Section 32: SE ¼ SE ¼

OPERATOR CHANGE WORKSHEET

ROUTING
1. GLH
2. CDW
3. FILE

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: 9/8/2003	
FROM: (Old Operator): N0330-Del-Rio Resources, Inc. (thru Shaw Resources LTD, LLC) PO Box 459 Vernal, UT 84078 Phone: 1-(435) 789-5240	TO: (New Operator): N2580-Miller, Dyer & Co., LLC 475 17th St, Suite 420 Denver, CO 80202 Phone: 1-(303) 292-0949

CA No.

Unit:

WELL(S)								
NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
DEL-RIO/ORION 32-5A	32	140S	200E	4304710577	12655	State	GW	P
DEL-RIO/ORION 32-1A	32	140S	200E	4304732758	12064	State	OW	P
DEL-RIO/ORION 32-2A	32	140S	200E	4304733333	12658	State	GW	TA
DEL-RIO/ORION 32-3A	32	140S	200E	4304733334	12657	State	GW	P
DEL-RIO/ORION 32-4A	32	140S	200E	4304733335	12656	State	GW	P
DEL-RIO/ORION 32-6A	32	140S	200E	4304733337	12662	State	GW	P
DEL-RIO/ORION 32-8A	32	140S	200E	4304733557	13066	State	GW	P
DEL-RIO/ORION 32-12A	32	140S	200E	4304733558	13064	State	GW	P
DEL-RIO/ORION 32-7A	32	140S	200E	4304733618	13065	State	GW	TA
DEL-RIO/ORION 32-9A	32	140S	200E	4304733619	13067	State	GW	P
DEL-RIO/ORION 32-10A	32	140S	200E	4304733620	13054	State	GW	P
DEL-RIO/ORION 32-11A	32	140S	200E	4304733621	13058	State	GW	TA
DEL-RIO/ORION 32-16A	32	140S	200E	4304734098	13449	State	GW	P
CHIMNEY ROCK 32-11	32	130S	210E	4304733445	12984	State	GW	TA
CHIMNEY ROCK 32-13	32	130S	210E	4304733447	12985	State	GW	P
CHIMNEY ROCK 32-14	32	130S	210E	4304733448	12983	State	GW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 10/22/2003
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 10/22/2003
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 10/15/2003
4. Is the new operator registered in the State of Utah: YES Business Number: 4778935-0161
5. If **NO**, the operator was contacted on: _____

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

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 10/16/2003 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: 11/20/2003
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 11/20/2003
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A
5. Injection Projects to new operator in RBDMS 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: UTB000058

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:

Lease Owner Shaw Resources LTD, LLC designated Miller, Dyer & Co, LLC. Proof of lease was obtained from SITLA and BLM.



State of Utah

March 19, 2004

Department of
Natural Resources

Division of
Oil, Gas & Mining

ROBERT L. MORGAN
Executive Director

LOWELL P. BRAXTON
Division Director

CERTIFIED MAIL NO. 7002 0510 0003 8602 6556

Janet Specht
Miller Dyer Resources LLC
475 17th Street, Suite 420
Denver, Colorado 80202

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

Dear Ms. Specht:

Miller Dyer Resources LLC, as of March 2004, has three (3) State Lease Wells (see attachment A) that are currently in non-compliance for extended shut-in or temporary abandonment 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 (R649-3-36-1.3.3). 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).

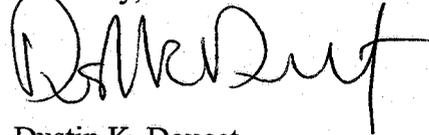
Page 2
Janet Specht
March 19, 2004

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

jc
cc: John Baza
Well File
SITLA

	Well Name	API	Lease Type	Years Inactive
1	Del-Rio/Orion 32-2A	43-047-33333	State	2 Years 0 Months
2	Chimney Rock 32-11	43-047-33445	State	2 Years 0 Months
3	Del-Rio/Orion 32-7A	43-047-33618	State	2 Years 2 Months

Attachment A



State of Utah

Department of
Natural Resources

Division of
Oil, Gas & Mining

ROBERT L. MORGAN
Executive Director

LOWELL P. BRAXTON
Division Director

May 10, 2004

CERTIFIED MAIL NO. 7002 0510 0003 8602 5443

Mr. Josh Axelson
Miller, Dyer & Co. LLC
475 17th Street, Suite 420
Denver, Colorado 80202

Re: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases dated March 19, 2004.

Dear Mr. Axelson,

The Division of Oil, Gas and Mining (DOGM) is in receipt of your letter dated April 16, 2004 in regards to the three (3) shut-in wells operated by Miller, Dyer & Co. LLC. It is the Division's understanding Miller, Dyer & Co. acquired these properties last November and has had limited resources and time to fully evaluate the economic potential of these wells. Based upon the submitted information and plan to evaluate these wells this year for re-completion the DOGM grants extended shut-in until January 1, 2005 for the Chimney Rock 32-11, Del-Rio/Orion 32-2A and Del-Rio/32-7A wells.

For reference, Attachment A lists the wells subject to this request. If you have any questions or need additional assistance in regards to the above matters please contact me at (801) 538-5281.

Sincerely,

Dustin Doucet
Petroleum Engineer

	Well Name	API	Lease Type	Years Inactive
1	Del-Rio/Orion 32-2A	43-047-33333	State	2 Years 0 Months
2	Chimey Rock 32-11	43-047-33445	State	2 Years 0 Months
3	Del-Rio/Orion 32-7A	43-047-33618	State	2 Years 2 Months

Attachment A

MILLER, DYER & CO. LLC

475 SEVENTEENTH STREET, SUITE 420

DENVER, COLORADO 80202

TELEPHONE: 303-292-0949

FACSIMILE: 303-292-3901

April 16, 2004

Dustin K. Doucet
Utah Division of Oil, Gas & Mining
1594 West North Temple
Suite 1210
Salt Lake City, UT 84114-5801

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

Dear Dustin,

I am writing in response to the letter of non-compliance for extended shut-in or temporary abandonment status concerning the wells:

1. Chimney Rock 32-11 (43-047-33445)
2. Del-Rio/Orion 32-2A (43-047-33333)
3. Del-Rio/Orion 32-7A (43-047-33618)

Miller, Dyer & Co. LLC has recently taken over operations of these wells as well as the other wells in Flat Rock Field and Chimney Rock Field from the previous operator Del-Rio Resources Inc. When we acquired these wells from Del-Rio Resources in November 2003 we did not receive well files, well logs, completion histories, ect. With the limited information we have gathered, we have just recently started to evaluate the wells and their possible future potential. We currently have plans to test the Mesaverde zone of the Chimney Rock 32-11 this year. As we continue to evaluate the other wells in these fields I am sure we will find zones that warrant testing or re-completion. If a well is deemed uneconomic it will be Plugged and Abandoned per the state requirements. I have enclosed the wellbore diagrams and the current casing and tubing pressures for the wells. We also have a pumper at these wells on a daily basis and are confident these wells pose no risk to public health and safety or the environment. If you require further information or explanation please feel free to contact me.

Thank you,



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

RECEIVED

APR 20 2004

DIV. OF OIL, GAS & MINING

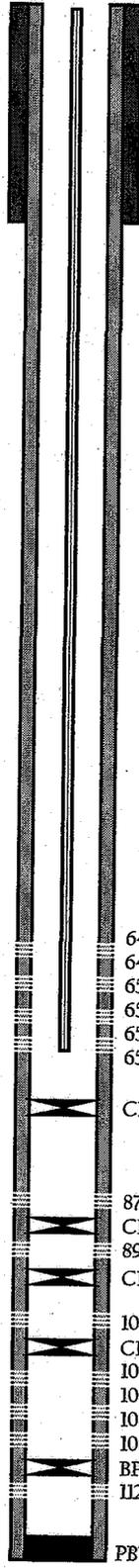
Chimney Rock #32-11A

API Number 43-047-33445
Location 2116' FSL 208' FWL (surface, producing interval & TD) NESW 32, T13S, R21E, S1M, Uintah County, Utah
Elevations GL 6576', KB 6593'
Date spudded surface hole 04/07/2000
Date ready for production 9/04/2000
TD MD 11358';
PBTD MD ?

CASING AND LINER RECORD
9-5/8" SET AT 868' WITH 437 SACKS

7" SET AT 11255' WITH 1535 SACKS

TUBING RECORD
2-7/8" TUBING SET AT 6464' (STATE)



6455-65
6494-6500
6522-28
6536-46
6562-66
6568-72

EOT @ 6540' (WELL FILE)

CIBP 6730

8795-8805
CIBP 8920
8975-95
CIBP 9100

10460-70
CIBP 10570
10836-42
10876-78
10878-82
10882-86
BP 11040
11220-26

PBTD ?
TD 11358'

IP:
2000 MCFD, 5 BBL WATER

Well	Tubing Pressure(psi)	Casing Pressure(psi)
Chimney Rock 32-11A	1700	1666
Del-Rio 32-2A	940	940
Del-Rio 32-7A	500	0

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:

ML47437

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

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 GAS WELL OTHER _____

8. WELL NAME and NUMBER:

Chimney Rock 32-11

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

9. API NUMBER:
4304733445

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: 2116' FSL 2081'FWL

COUNTY: Uintah

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 32 13S 21E

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 type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input checked="" type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

Set composite bridge plug @ 6400'
Perf Mesa Verde Sands between 5739' - 6146' (Gross Interval)
Frac gross interval 5739 - 6146' Flow back - Flow Test
Rig up to pump

Well put on production 1/12/2005

See attached Daily Recompletion Report.

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

RECEIVED
MAR 14 2005
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Janet K Specht

TITLE Operations Secretary

SIGNATURE 

DATE 2/23/2005

(This space for State use only)

Miller, Dyer & Co., LLC

DAILY COMPLETION REPORT

Lease & Well No. CR32-11

SEQUENCE OF OPERATIONS SUMMARY

- 9/28/2004 MIRU completion rig- ND stack - NU 6" 3M BOPE to 7 1/16 5M well head flange
TOOH with 6437' 2 7/8 eue tubing- stand back the same. (Notched collar, seating nipple, then tubing string)
ND 6" 3M BOPE - NU 7 1/16 Cameron Frac Valve
RU wireline truck. RIH w/ guage ring for 7" 29# casing to 6400'. Slow going, tight and sticky. Correlate findings with open hole log dated 5-12-00.
RIH and set 5M Composite Bridge Plug (Weatherford) at 6400'. Not set in a collar
Load hole with 106 bbls of fresh water containing 2 o/o clay treat. Pressure test to 2500 lbs- had leak between frac valve and casing flange. Tighten bolts and retest to 4000 lbs. Watch for 10 minutes then bleed off pressure.
RIH and perforate Mesa Verde Stage #1 utilizing 4" gun with 25g charges as follows with 3 spt, 120 deg phasing: 6082' - 87"; 6138' - 46 (39 holes)
SDFN
Return travel to Vernal, Utah
- NOTE: Scale present on tubing- along with some oxygen pitting (corrosion) Also some paraffin present- this is what slowed us down going in with guage ring- It went in ok, just slow.
- 9/29/2004 Travel time from vernal, Utah to location
Safety meeting- 15 psi on casing- open casing valve to flow tank- well started blowing gas and paraffin- approx 4 bbls paraffin, no water- gas volume high enough to blow paraffin out of swab tank. Died out after a 10 minute period
ND 7" frac valve - NU 6" 3M BOPE-
RIH with packer, seating nipple, and 2 7/8" tubing string- Get tubing to a depth of 4560 ft. and paraffin started coming out of casing and tubing. Run in hole at a slow rate and paraffin kept flowing. Made it to 4634 ft with flow getting worse. Decision was made to trip out of hole- Prepare well for frac.
TOOH - stand back tubing string- lay down packer
ND 6" 3M BOPE-- NU 7 1/16 5M Cameron frac valve - SDFN
Return travel time to Vernal, Utah
- NOTE: 1 gallon sample of paraffin to Halliburton office, for analysis - 18:30 9-29-04
- 9/30/2004 Travel time from Vernal, Utah to location
Wait on Halliburton to get on location.
RU Halliburton and associated equipment for 2 stage frac job.
Mix 28 gallons, Unichem parachute- paraffin dispersant, in 20 bbls water and spearhead down casing followed by 100 bbl pad. Shut down for 15 minutes. Frac Mesa Verde Stage #1 (6082' - 87', 6138'- 46) with 61,735# 20/40 sand utilizing 23,000 gal Delta Frac 200R. Flush with 700 gal 15% HCL + 2% Claytreat to top perms. ISIP= 1840 psi (FG=0.74); 5 min= 1776 psi; 10 min= 1747 psi; 15 min= 1726 psi
Average Rate= 42 bpm HP used= 1899 Breakdown= 2725
RU Excell Wireline Truck and lubricator- Start in hole with Weatherford Composite Frac Plug (CFP), Sleeve, Setting tool, perforating gun (33' assembly)
Run assembly to 5570', look for 2 each short collars on log, to get on correct depth. Pull up to 5399' and can not move assembly up or down.
Pull 2800 lbs on wireline and assembly, and release and pull on assembly again at 2800 lbs. Release tension, able go down hole but not up. Go to a depth of 5550 and can't pull up. Ease in and get to 5710' before we were stopped. We were able to pull up freely to 5550' and were stuck again. Pull on wireline to 2800 lbs and couldn't move assembly. Ease back into hole, this time to a depth of 5734. Pull up again and ease back into hole, 3 more times, only getting to 5713 on all three tries. Set CFP and leave in hole at 5582'. Pull up on perforating gun, setting tool, and sleeve. It was a tight pull from 5550' to 5539' but assembly made it through. Were able to come freely out of hole at this time. RD wireline truck, release HES. 3 hours for HES to transfer water and move off location.
Flow well back starting at 44 choke w/ 1300 psi on casing- 20 minutes psi @ 500, set choke at 24; 40 min psi @ 300, set choke 18. Watch for 1/2 hour
Return to Vernal turn over to Flow testers.
- 10/1/2004 Travel time from Vernal, Utah to location- Hold safety meeting- 0 psi on casing
ND 7 1/16 5M frac valve- NU 6" 3M BOPE- Well flowing slightly, not enough to push it through hose to flat tank, casing open to cellar.
RIH w/ 6" mill tooth bit, bit sub 3 1/2 reg X 2 7/8 EUE, 14 stands 2 7/8 tubing. Circulate 36 bbls water to clean acid from top of casing. Lay down 28 joints, to use later. Run in hole to 5782' to top of CFP.
NU Circulating head to BOPE; RU power swivel to drill out flow through frac plug.
Drill out CFP, using 6" mill tooth bit. Drill with high RPM's on swivel, and light string weight on plug.
Circulate hole to bring tailing and pieces of CFP to surface. Clean up before pushing CFP to bottom.
Pick up 13 joints 2 7/8 tubing and push CFP down to a depth of 6085'. Tag sand fill At This depth.
Return travel to Vernal, Utah
- 10/2/2004 Travel time from Vernal, Utah to location
Safety Meeting- 0 psi casing 0 psi tubing- hole full of water
RIH with one stand 2 7/8 tubing- no sand or bridge at 6085' where we tagged yesterday. Push CFP to a depth of 6342'. Lay down one joint, and stand

back 4 stands tubing, putting tubing depth at 6059.85. Rig up to swab on well.
Start swabbing on well- able to pull 1500 of fluid , safely, per run

10/3/2004 Travel time from Vernal, Utah to location Hold safety meeting-- 0 psi on casing and tubing
Repair sand line- remove 2700' of bad line- restring through crown- rig up to swab

TOTAL BBLS RECOVERED TODAY= 117 BBLS TLTR= 662 BBLS

Fairly steady stream of gas- not a lot of pressure but steady volume.

10/4/2004 Travel time from Vernal, Utah to location
Hold safety meeting- discuss today's operations/ 20 psi tubing- 30 psi casing
RIH with sand line- tag fluid level at 2500'; Lay down lubricator prepare to TOO H
TOOH with tubing, bit sub and bit
RIH with retrievable bridge plug (plug = 6.45', retrieving tool 2.50', 5 1/2 OD), 27/8 " tubing string to 6018.27 and set bridge plug.

Fill hole with fresh water containing 2 % clay treat; Pressure test well to 3000 psi watch for 10 minutes- release pressure, drop 1 sack of sand down tubing, chase with 20 bbls water. 81 bbls pumped

TOOH with retrieving tool and tubing string standing back tubing.

RU wireline truck and lubricator, Attempt to Perforate Mesa Verde #2 utilizing 4" gun with 25g charges as follows with 2 spf, 120 deg phasing:

Gun did not fire at 5954' - 56'. Pull out of hole, tear gun apart, repair loose wire.

RIH with gun to perforate at 5954', and it still would not fire. Look at other guns, and they also had loose wires. Excell will take guns, to Price, Utah and rebuild. Back on location at 9:00 tomorrow.

SIFN

Return travel to Vernal, Utah

TLTR= 743 bbls

10/5/2004 Travel time from Vernal, Utah to location.
RU wireline truck and lubricator
Perforate Mesa Verde Stage #2 utilizing 4" gun with 25g charges as follows with 2 spf, 120 deg phasing:
1st run with wireline- Perforate at 5954' - 56', 5932' - 42', 5912' - 14', and 5903' - 5905'.
2nd run with wireline- Perforate at 5856' - 60', and 5880' - 84'.
3rd run with wireline- Perforate at 5739' - 43', 5826' - 30', 5834' - 42', and 5844' - 52'. (96 holes total).
RD wireline truck
ND 6" 3M BOPE - NU 7 1/16 5M Cameron Frac Valve to tubing head.
Return travel to Vernal, Utah

10/6/2004 Travel time from Vernal, Utah to location
Rig up HSC
Spearhead 700 gallons 15% HCL and frac Mesa Verde Stage #2 (5739' to 5956') down casing. Job was designed to pump 119,483 # 20/40 sand utilizing 41,000 gal Delta Frac 200R. Because of increase in pressure we went to flush during 6# sand and screened out with 99 bbls left in flush, and 155 sacks of sand left in well bore. Shut down during pad for ISOP= 1670 psi. ISIP= 2420 psi 5 min= 1436 psi 10 min= 1439 psi 15 min= 1453 psi Break= 2920 psi Max Pressure= 4850 psi Max Rate= 60 BPM Frac. Gradient= 0.85 Average Rate= 58.5 bbls
Total sand in formation= 97,800 lbs Total fluid pumped (including 700 gal HCL)= 50,164 gallons Average Pressure= 2100 psi
RD HSC

10/7/2004 160 psi on tubing- flow to tank at 32 choke 48 bbls returned
Flow to swab tank- watch returns
RIH with retrieving tool and tubing string- Tag sand fill @ 5777' (240 ' of fill)
Lay down 6 joints (3 stands) to use for circulation- RU to reverse circulate with Hot Oil Truck.
Reverse circulate, cleaning sand off bridge plug. Circulate bottoms up each joint. Perfs giving up sand. Seeing a increase in pressure and water flow when making a connection after circulating past perfs. Cleaned out to just above bridge plug.
Stand back 10 ea stands of tubing, putting bottom of string above top perfs. SIFN
Return travel to vernal, Utah

10/8/2004 Travel time from Vernal, Utah to location
Safety Meeting- check pressure, 50 psi casing, 10 psi tubing- Let well flow and bleed off.
RIH with 10 stands of tubing- tag sand 15' above bridge plug.
Circulate sand off bridge plug- Kept getting sand in returns- reverse circulate until clean
Circulate, 90 bbls, down tubing out casing, to wash and make sure bridge plug is clean. Circulate at a slow rate as we sit down on tubing to latch onto bridge plug. Unseat plug - prepare to TOO H.
TOOH with bridge plug, retrieving tool , and tubing string.
RIH with notched collar, one joint tubing, seating nipple, and 2 7/8 tubing string. Tag fill at 6340.22'. (Note: two feet above CFP, pushed down 10-2-04)

Lay down 18 joints total- land notched collar at 5858', and seating nipple at 5827
ND 6" 3M BOPE; Attach tubing to donut and set in tubing head. NU well head.
Return travel to Vernal, Utah

10/9/2004 Travel time from Vernal, Utah to location
Safety meeting- warm up rig- check pressures 0 psi on tubing and casing
Rig up to swab

Total bbls recovered today= 462 bbls TLTR= 1170 bbls

10/10/2004 Travel time from Vernal, Utah to location;- Safety Meeting- check pressures 0 psi tubing- casing on vacuum.

10/11/2004 Travel to location- Wait in mechanic from Smith- Detroit. Take motor housing apart look at cylinders and sleeves. 5 sleeves marked and scarred.
Motor should not be started if possible. Looking for a replacement or for parts to repair. Motor is less than a year old. Also checking on warranty.
Return travel

10/12/2004 Completion Rig Down- Waiting for replacement motor.

10/18/2004 Hooking up motor- different type of motor than what was on rig before 0 psi tubing 0 psi casing
Everything has to be fabricated to fit.

10/19/2004 Hooking up motor- different type of motor than what was on rig before 0 psi tubing 0 psi casing

10/20/2004 Hooking up motor- different type of motor than what was on rig before 0 psi tubing 0 psi casing
Need to hook air shifter, and air clutch to transmission and motor- 3/4 of a days work to do this. We should be able to start motor and make a couple swab runs tomorrow afternoon or Friday Morning.

10/21/2004 Clean fuel tank- could not weld shifter because of water from rain. 0 psi tubing 0 psi casing
Could not weld shifter- did start and run engine after cleaning fuel tank. Motor ran sound.

22-Oct Repairs to motor complete- able to make two each swab runs, load motor to see how 0 psi tubing 0 psi casing
it would run. Everything good- clutch and air shifter needs adjusting- Will make necessary adjustments, in the morning, and then start swabbing on well.

24-Oct Wait on mechanic to finish repairs 0 psi tubing slight pressure on casing- not enough to register on guage
Start swab tag fluid at 1200'
SIFN Travel time from location to Vernal, Utah

10/25/2004 Travel time from Vernal, Utah to location
Start swab 5 swab runs 63 bbls returned Tubing= 30 psi Casing= 20 psi Tag fluid at 2000
let well gas to flow tank. No water in returns. SIFN
Return travel to Vernal, Utah

Total bbls returned today= 260 bbls TLTR= 451 bbls

10/26/2004 Travel time from man camp to location- hold safety meeting, discuss today's operations
Start swab 3 swab runs 49 bbls returned Tubing= 50 psi Casing= 220 psi Tag fluid at 3000'
Run in hole with swab line to a depth of 5300'- start out of hole with swab line, and could not pull up with line. Pull 15,000 lbs on line, wouldn't move.
Release torque and pull up on sand line to 18,000 lbs. Would not release. Release torque on line and pull to 20,000 lbs. Release torque and pull to 22,000 lbs, and still could not get line to release. Discuss with problem with Matt- call for hot oil truck, on location in the morning. SDFN.
Travel time from Location to Man Camp.

Total bbls returned today= 170 bbls TLTR= 281 bbls

10/27/2004 Travel time from Man Camp to location
Hold safety meeting- Load 50 bbls produced water on Hot Oil Truck- heat water to 180 degrees. Casing= 420 psi Tubing = 20 psi
Pump 18 bbls 200 degree produced water down tubing- First 10 bbls pumped at 1/2 bpm at 100 psi; next 8 bbls pumped at 1/4 bpm at 180 psi, finally pressured up to 800 psi. Pull up on sand line and hold 18,000 lbs torque on line for 20 minutes. Tubing bleeding off slowly. Torque on sand line increased to 22,000 lbs, just sitting for 20 minutes. (Added weight of column of water).
Release torque on sand line to 10,000 lbs, and then pull to 23,000 lbs. Gained 3 wraps (35') on drum.. Bleed pressure off casing from 420 psi to 320 psi, trying to take weight off sand line. Pull on sand line to 22,000 lbs and gain 1 wrap on drum (15'). Gaining some ground, decided to reverse circulate to clean out tubing.
Reverse circulate 32 bbls of 200 degree produced water at 200 psi at 1/2 bpm. Hot Oil Truck empty- go across location to take on 70 bbls more water.

Tool Pusher released torque on sand line to 10,000 lbs, then pull on sand line to 24,000 lbs. Gained 4 more wraps on drum (50') sand line was coming out of hole. Line parted before crown of rig just before pulley.

Safety meeting- discuss safe operations and how to remove line wrapped around crown and derrick.

Remove sand line from crown of rig

Pull 2000' of sand line from tubing. 3000' still in hole. Sand line parted in two places- at crown and down hole.

ND well head- NU BOPE SIFN

Travel time from location to Man Camp. Fluid pumped today= 50 bbls TLTR= 331 bbls

10/28/2004 Travel time from Man Camp to location

Hold safety meeting- Prepare to TOOH- hook up power tongs- slips etc.

TOOH with tubing- last 3000' cut sand line with each stand pulled. Stand back the same

Swab cup stuck in seating nipple- when line parted up hole 3000' of sand line, sinker bar and swab cup fell approx. 300', sticking swab line.

String pulled wet all the way. Large amounts of black paraffin present in each stand. Sample taken

Sand line (2000') above part cork screwed- Sand line below part (3000') straight and in good condition.

New sand line will be on location at 8:30 am tomorrow. 3 to 4 hours to spool line on drum and we should be back to swabbing.

Remove swab cup from old seating nipple- Prepare to run in hole with tubing.

RH with notched collar, 1 joint 2 7/8 tubing, new seating nipple, and tubing string'. Land notched collar at 5858'. Seating nipple at 5827'

ND 6" 3M BOPE- NU well head.

Travel time from location to Man Camp.

10/29/2004 Travel time from Man Camp to location

Hold safety meeting- Discuss best and safest way to spool new sand line onto rig drum.

Remove old sand line (what was left on drum). Spool on new sand line onto drum.

Prepare to swab on well- hook up to swab line- sinker bar- swab cups. Rubber only- Discuss pulling only 500' of fluid the first few runs- checking for paraffin, and fluid level. Also not pulling over 1000' of fluid after fluid level is past 3500'.

Oil on ground below transmission. Upon checking fluid levels, rear main seal must be shot because transmission full of oil. Oil level in new motor below half full. NOTE- New seal was installed when motor was repaired.

SDFN--- Call for mechanic.

Travel time from location to Man Camp.

Found SWAB RIG available for tomorrow- Will fit under completion rig and is able to pull over 1000' of fluid. Will motor to location tomorrow at 08:00.

On location by 9:30. Hook up and swab well by 10:00.

Mechanic will be on location to repair Excell Rig at 9:30 a.m.

10/30/2004 Travel time from Vernal, Utah to location. 2 ea Excell Rig crew members- to move floor, lubricator, etc for swab rig

Wait on location for swab rig and crew.

Try to spot swab rig from the side- derrick on swab rig hit derrick on work over rig. Move blocks, rig floor, tubing boards, and frac valve. Rig up swab rig from rear. Prepare to swab on well.

SDFN casing= 40 psi Tubing= 0 psi at the finish of swab runs for the day. bbls recovered today= 34 TLTR= 297 bbls

Excell Rig 16- Rear main seal good. Was changed when motor was repaired, and was not leaking. Hose to rear boxes on gear assembly to deck may have been plugged. Mechanic will pull gear boxes and check on valves. If boxes were plugged and fluid was added, main transmission would over flow. Rig may be up and running by tomorrow. Will not release swab rig until we know for sure.

Excell Rig Crew on location, helping out, all day.

Able to fit swab rig under workover rig.

10/31/2004 Travel time from Vernal, Utah to location. Swab crew ran off road by hunters resulting in flat tire - Hold safety meeting- prepare to swab

Casing= 60 psi Tubing= 20 psi Fluid level at 2300'

Let EXCELL run blocks up and down on workover rig to test transmission and lines. Run for 45 minutes- tests looked good

Excell crew working on rig and helping mechanic on repairs. Hoses from transmission to deck plugged off not allowing fluid to circulate- make necessary repairs.

TLTR= 136 BBLS

TOTAL BBLS RECOVERED TODAY= 161 BBLS

11/1/2004 Travel time from Roosevelt, Utah to location. -

Casing= 270 psi Tubing= 90 psi Fluid level at 2400' Hold safety meeting- prepare to swab on well.

Excell crew pickup broke down with bad rear end. Did not make it to location.

TOTAL BBLS RECOVERED TODAY= 210 RECOVERED ALL WATER PUMPED INTO WELL---- TLTR =65 BBLS OVERLOAD
Water sample taken at 15:00 hours for analysis- all water recovered when sample was taken.

11/2/2004 Travel time from Roosevelt , Utah to location. -
Casing= 470 psi Tubing= 260 psi Fluid level at 3200' Hold safety meeting- prepare to swab on well. Approx 15 minutes to blow well down

(Water sample taken at 15:00 hours for analysis- TLTR= 217 BBLS OVERLOAD

11/3/2004 Travel time from Roosevelt , Utah to location. -
Casing= 620 psi Tubing= 250 psi Fluid level at 3800' Hold safety meeting- prepare to swab on well. Approx 18 minutes to blow well down
Return travel to Roosevelt, Ut from location. TOTAL FLUID RECOVERED TODAY= 104 BBLS TLTR= 321 BBLS OVERLOAD

11/4/2005 Travel time from Roosevelt , Utah to location. -
Casing= 675 psi Tubing= 150 psi Fluid level at 3600' Hold safety meeting- prepare to swab on well. Approx 12 minutes to blow well down
Casing from 560 psi to 0 psi in approx. 1 1/4 hours. Total bbls recovered today= 60 bbls TLTR= 381 bbls overload
NOTE- water sample taken at 340 bbls overload.

11/5/2004 Travel time from Roosevelt , Utah to location. -
Casing= 0 psi Tubing= 0 psi Fluid level at 4100' Hold safety meeting- prepare to swab on well. Casing and tubing have slight gas flow.
RD and release swab rig.
Return travel to Roosevelt, Utah with swab rig.
NOTE- Casing and tubing still a slight gas flow. Total bbls recovered today= 110 bbls TLTR= 491 bbls overload

NOTE- water sample taken at 453 and 485 bbls overload. Delivered to Halliburton Office 11-5-04 19:00 hours.

12/3/2004 Travel time from Vernal, Utah to location
Hold safety meeting- start and warm up rig- check pressures with 250 psi on casing and 0 psi on tubing- Bleed pressure off backside in 10 minutes.
Spot rig at well head- RU completion rig and associated equipment.
ND well head and NU 6" 5M BOPE- Unseat tubing from hanger and prepare to RIH and check for fill. Move 11 joints of 2 7/8 tubing close to well head. RU power tongs
Tubing depth at 5858 (185 jts.) Pick up 11 joints, rabbit and tally (196 jts. Total) and check for fill to a depth of 6241.65 ft. No fill at this depth.
Start to TOOH with 2 7/8" 6.5 # tubing string. With 50 joints or 1500' still in hole, main hydraulic hose, controlling power to blocks, broke. Will pick up new hose tonight, repair first thing in the morning, and be ready to RIH with Weatherford Equipment by 9:30.
SDFN - Close in well and drain up lines
Return travel from location to Vernal, Utah

Note- water still frozen at man camp.

4-Dec Travel time from Vernal, Utah to location
Hold safety meeting- start and warm up rig- 250 psi on casing. Small amount on tubing but not registered on gauge.
Repair hydraulic line on rig
TOOH with the 1800' of 2 7/8 tubing that was not pulled yesterday.
5 1/2" no turn sub brought to location instead of 7". Weatherford made meet with shop to get another- Rig crew unload tools, pull thread protectors off rods. Prepare to RIH with assembly and tubing string.
RIH with Bottom hole assembly 41.86' (consisting of- notched collar .30', perforated sub 3.70', no turn sub and assembly 3.90', tag bar 1.65', pump stator 28.61', pickup sub 3.7') and 181 joints 2 7/8" 6.5 N-80 tubing (5819.01') landing notched collar at 5843.87 K.B. or 5860. 87 G.L..
We laid down the 12 joints of tubing used to check fill. Rotate tubing , at surface, 3/4 turn to set no turn sub. Set down with tubing into tubing hanger and tighten flange hanger bolts. Add TIW valve to tubing pup joint and SDFN.
Travel time from location to man camp.

12/5/2004 Travel time from Vernal, Utah to location
Hold safety meeting- start and warm up rig- 0 psi on casing and tubing.
ND BOPE Add rod guides (2 1/2") and couplings (1" X 7/8") added to sucker rods while laying down on trailer.
Take 7 1/16 5M X 2 9/16 5M adapter flange and 2 9/16 top cap apart from existing well head and NU to tubing hanger flange.
RIH with 100-6000 PCP rotor with 7/8" pin (28.66'), and 232 each (5800') 1" X 25' grade D sucker rods w/ SHT, a 4' pony rod for proper spacing, and polish rod (22'). End of tubing at 5800.01'; pump set at 5831.92', and suction depth or notched collar at 5843.87'
RU PC motor using a flow T w/ 1" and 2" outlets and valves, a BOP, and stuffing box. Note- flow line will need to be re vamped to fit connections off flow T and casing. Visited with Lee Schultz 12-5-04. Also a stand to stabilize PC Motor will need to be built and attached.
Travel time from location to man camp.

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
--	--

WELL NAME	CA No.	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
- a. Is the new operator registered in the State of Utah: Business Number: 5890476-0143
- b. If **NO**, the operator was contacted on: _____
- a. (R649-9-2)Waste Management Plan has been received on: REQUESTED 7/16/2008
- b. Inspections of LA PA state/fee well sites complete on: done
- c. 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
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number RLB0004585
- b. 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"/> 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 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 #~~RLB0011670~~ or Utah BLM Bond #UTB-000148. See attached well list.

RLB0004585
BIA RLB0011681

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

Miller, Dyer & Co., LLC
475 17th Street, Suite 1200 *N2580*
Denver, CO 80202

Miller, Dyer & Co., LLC

RECEIVED
JUN 05 2008
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) JEFFREY H. LANG TITLE UP OPERATIONS
SIGNATURE *JHL* DATE 6/3/08

Whiting Oil and Gas Corporation

NAME (PLEASE PRINT) Rick Ross TITLE UP OPERATIONS
SIGNATURE *R Ross* DATE 6/3/08

(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	



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

August 26, 2008

CERTIFIED MAIL NO.: 7004 2510 0004 1824 6060

Ms. Peggy Goss
Whiting Oil and Gas Corporation
1700 Broadway, Suite 2300
Denver, CO 80293-2300

43.047 33445
Chimney Rock 32-11
13S 21E 32

Re: Extended Shut-in and Temporarily Abandoned Well Requirements for Fee or State Leases

Dear Ms. Goss:

As of July 2008, Whiting Oil and Gas Corporation has five (5) State Mineral Lease Wells (see attachment A) that are in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status.

Wells SI/TA beyond twelve (12) consecutive months require the filing of a Sundry Notice in accordance with R649-3-36-1 for Utah Division of Oil, Gas & Mining ("Division") approval. 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 (R649-3-36-1.3.3).

In a letter sent to Miller Dyer & Co., LLC dated May 10, 2004 wells Chimney Rock 32-11 and Ute Tribal 32-7A (see attachment A) were granted extension of SI/TA status until July 1, 2005, to evaluate for recompletion. No action has been taken on this well yet. When Whiting assumed ownership, the responsibility to file SI/TA extension requests for these wells remains the same. The Division has not seen any such request to date. Please respond with a plan to produce or plug these and the other wells listed (Attachment A) within 30 days.



Page 2
August 26, 2008
Ms. Goss

For extended SI/TA consideration the operator shall provide the Division 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)

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 will be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet
Petroleum Engineer

JP/js
Enclosure

cc: Jim Davis, SITLA
Well File
Compliance File

Attachment A

	Well Name	Location	API	Lease Type	Years Inactive
1	Ute Tribal 32-5A	NESE Sec 32-14S-20E	43-047-10577	ML-44317	1 Year 9 Months
2	Ute Tribal 32-3A	SWNW Sec 32-14S-20E	43-047-33334	ML-44317	1 Year 9 Months
3	Ute Tribal 32-11A	NESW Sec 32-14S-20E	43-047-33621	STATE	5 Years 5 Months
4	Ute Tribal 32-7A	NWNE Sec 32-14S-20E	43-047-33618	ML-44317	2 Years 5 Months
5	Chimney Rock 32-11	NESW Sec 32-13S-21E	43-047-33445	ML-47437	2 Years 11 Months



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

February 19, 2009

CERTIFIED MAIL NO.: 7004 2510 0004 1824 6893

Ms. Peggy Goss
Whiting Oil and Gas Corporation
1700 Broadway, Suite 2300
Denver, CO 80293-2300

43 0A7 33A45
Chimney Rock 32-11
13S 21E 32

Subject: **SECOND NOTICE: Extended Shut-in and Temporarily Abandoned Well Requirements for Fee or State Leases**

Dear Ms. Goss:

As of January 2009, Whiting Oil and Gas Corporation has five (5) State Mineral Lease Wells (see attachment A) that are in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status.

Wells SI/TA beyond twelve (12) consecutive months require the filing of a Sundry Notice in accordance with R649-3-36-1 for Utah Division of Oil, Gas & Mining ("Division") approval. 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 (R649-3-36-1.3.3).

In a letter sent to Miller Dyer & Co., LLC dated May 10, 2004 wells Chimney Rock 32-11 and Ute Tribal 32-7A (see attachment A) were granted extension of SI/TA status until July 1, 2005, to evaluate for recompletion. No action has been taken on this well yet. When Whiting assumed ownership, the responsibility to file SI/TA extension requests transferred with the ownership to Whiting. The Division has not seen any such request to date. On August 26, 2008 a notice was sent to Whiting via certified mail addressing these wells non-compliance status. The Division has not seen any response concerning this matter. Please respond with a plan to produce or plug these wells listed (attachment A) within 30 days.



For extended SI/TA consideration the operator shall provide the Division with the following:

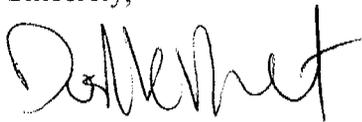
1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence 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)

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, a Notice of Violation will be issued. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet
Petroleum Engineer

DKD/JP/js
Enclosure
cc: Jim Davis, SITLA
Well File
Compliance File

Attachment A

	Well Name	Location	API	Lease Type	Years Inactive
1	Ute Tribal 32-5A	NESE Sec 32-14S-20E	43-047-10577	ML-44317	2 Years 3 Months
2	Ute Tribal 32-3A	SWNW Sec 32-14S-20E	43-047-33334	ML-44317	2 Years 3 Months
3	Ute Tribal 32-11A	NESW Sec 32-14S-20E	43-047-33621	STATE	5 Years 11 Months
4	Ute Tribal 32-7A	NWNE Sec 32-14S-20E	43-047-33618	ML-44317	2 Years 11 Months
5	Chimney Rock 32-11	NESW Sec 32-13S-21E	43-047-33445	ML-47437	1 Year 5 Months

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 checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML47437
2. NAME OF OPERATOR: Whiting Oil and Gas Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1700 Broadway, Ste 2300 CITY Denver STATE CO ZIP 80290		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2116 FSL, 2081 FWL COUNTY: Uintah		8. WELL NAME and NUMBER: Chimney Rock 32-11
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 32 13S 21E STATE: UTAH		9. API NUMBER: 4304733445
		10. FIELD AND POOL, OR WILDCAT: Seep Ridge B (Dakota)
		PHONE NUMBER: (303) 837-1661

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 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 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>Extended SI Status Request</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.

Current Status:

Last produced in 9/05, averaged 80 mcfpd for 12 days. Sold 43 BO from storage tank in 8/07. SI since 9/05 however. Well has a pump jack on it with tubing tail set down into the MsVd perms to keep water and oil unloaded, can flow gas up the tubing/casing annulus. On 3/9/09, the SICP = 1100# with the tubing head pressure = 310#. This indicates that there is gas available on the annulus to flow into the low pressure gathering system which operates at ~100#. The tubing pressure reading less than the casing indicates approximately 2000' of liquid equivalent in the tubing, with a gas phase on top. The casing shows integrity due to the pressure on the well, at least to a depth of approximately 2500' which is well below domestic aquifers.

Proposed Action:

April, 2009: Whiting will flow the casing volume to sales and produce the tubing side to remove any fluid in the wellbore. If we are unable to sustain economic production, or if the well requires a pump change, Whiting will at that time add perms in the Wasatch formation. Otherwise Whiting will maintain active MsVd well status via producing the well at least 1-5 days per month.

COPY SENT TO OPERATOR

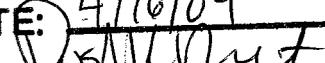
Date: 4.22.2009

Initials: KS

NAME (PLEASE PRINT) <u>Thomas B. Smith</u>	TITLE <u>Sr. Operations Engineer</u>
SIGNATURE 	DATE <u>3-18-09</u>

**APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING**

DATE: 4/16/09

BY: 

*Valid Through 8/1/2009

RECEIVED

MAR 23 2009

DIV. OF OIL, GAS & MINING

(This space for State use only)

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

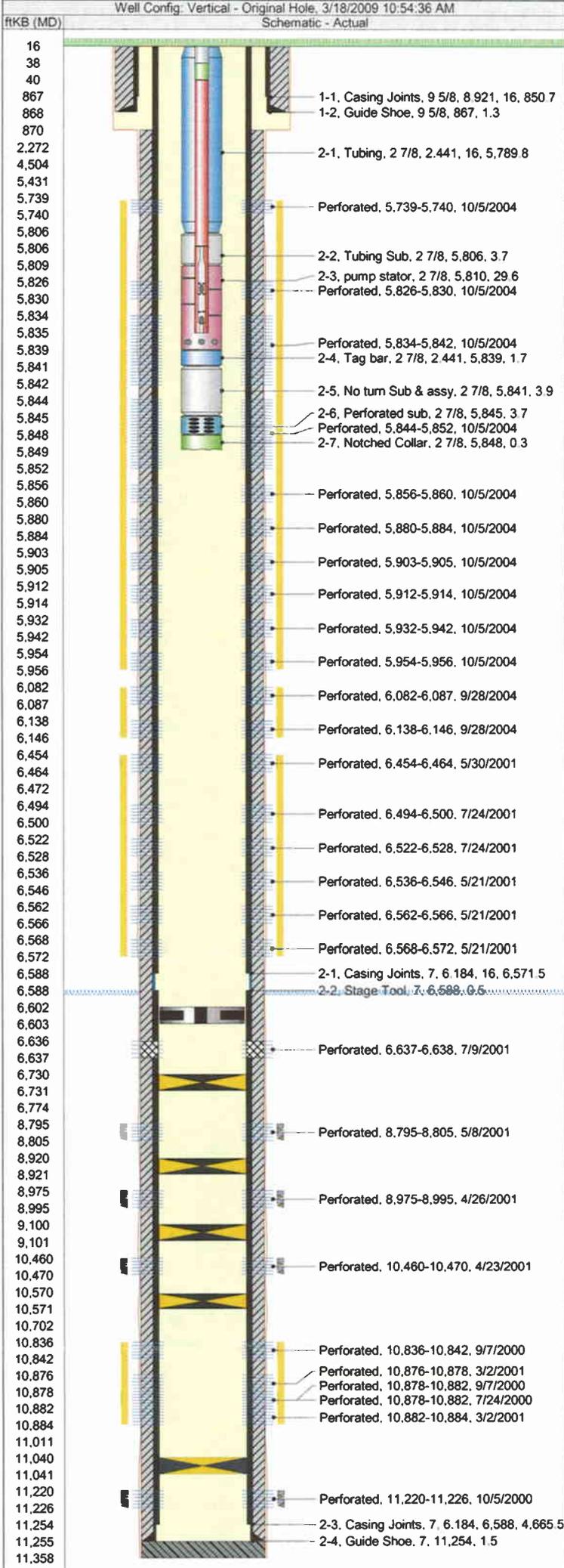


Whiting Oil & Gas Corp
 1700 Broadway, Suite 2300
 Denver, CO 80290
 (303) 837-1661

Lease Review All

Well Name: CHIMNEY ROCK 32-11

WPC ID 1UT027800	API Number 4304733445	Field Name Seep Ridge B	Operator WOGC	County Uintah	State UT
Ground Elevation (ft) 6,576.00	Orig KB Elev (ft) 6,592.00	KB-Grd (ft) 16.00	Engineer Tom Smith	Responsible Foreman Danny Widner	Original Spud Date 4/7/2000
Well Config: Vertical - Original Hole, 3/18/2009 10:54:36 AM			Completion Date 1/5/2002		



Wellbore Sections			
Start Date	Size (in)	Act Top (ftKB)	Act Btm (ftKB)
4/7/2000	12 1/4	16.0	870.0
4/8/2000	8 3/4	870.0	11,358.0

Surface Csg, 868.0ftKB						
OD (in)	Wt (lbs/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Description
9 5/8	36.00	J-55	16.0	866.8	850.75	Casing Joints
9 5/8			866.8	868.0	1.25	Guide Shoe

Production Csg, 11,255.0ftKB						
OD (in)	Wt (lbs/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Description
7	29.00	N-80	16.0	6,587.5	6,571.50	Casing Joints
7			6,587.5	6,588.0	0.50	Stage Tool
7	29.00	N-80	6,588.0	11,253.5	4,665.50	Casing Joints
7			11,253.5	11,255.0	1.50	Guide Shoe

Cement Stages					
Description	Pump Start Date	Drill Out Date	Top (ftKB)	Btm (ftKB)	Top Meas Meth
Surface Casing Cement	4/8/2000		16.0	868.0	
Production Casing Cement	5/13/2000		870.0	11,255.0	
Cement Squeeze	7/11/2001		6,636.5	6,637.5	
Cement below shoe	5/13/2000		11,255.0	11,358.0	

Perforations				
Type of Hole	Date	Top (ftKB)	Btm (ftKB)	Zone
Perforated	10/5/2004	5,739.0	5,740.0	Mesaverde, Original Hole
Perforated	10/5/2004	5,826.0	5,830.0	Mesaverde, Original Hole
Perforated	10/5/2004	5,834.0	5,842.0	Mesaverde, Original Hole
Perforated	10/5/2004	5,844.0	5,852.0	Mesaverde, Original Hole
Perforated	10/5/2004	5,856.0	5,860.0	Mesaverde, Original Hole
Perforated	10/5/2004	5,880.0	5,884.0	Mesaverde, Original Hole
Perforated	10/5/2004	5,903.0	5,905.0	Mesaverde, Original Hole
Perforated	10/5/2004	5,912.0	5,914.0	Mesaverde, Original Hole
Perforated	10/5/2004	5,932.0	5,942.0	Mesaverde, Original Hole
Perforated	10/5/2004	5,954.0	5,956.0	Mesaverde, Original Hole
Perforated	9/28/2004	6,082.0	6,087.0	Mesaverde, Original Hole
Perforated	9/28/2004	6,138.0	6,146.0	Mesaverde, Original Hole
Perforated	5/30/2001	6,454.0	6,464.0	Castlegate, Original Hole
Perforated	7/24/2001	6,494.0	6,500.0	Castlegate, Original Hole
Perforated	7/24/2001	6,522.0	6,528.0	Castlegate, Original Hole
Perforated	5/21/2001	6,536.0	6,546.0	Castlegate, Original Hole
Perforated	5/21/2001	6,562.0	6,566.0	Castlegate, Original Hole
Perforated	5/21/2001	6,568.0	6,572.0	Castlegate, Original Hole
Perforated	5/21/2001	6,568.0	6,572.0	Castlegate, Original Hole
Perforated	7/9/2001	6,636.5	6,637.5	Castlegate, Original Hole
Perforated	5/8/2001	8,795.0	8,805.0	Mancos Shale, Original Hole
Perforated	4/26/2001	8,975.0	8,995.0	Mancos Shale, Original Hole
Perforated	4/23/2001	10,460.0	10,470.0	Mancos Shale, Original Hole
Perforated	9/7/2000	10,836.0	10,842.0	Dakota, Original Hole
Perforated	3/2/2001	10,876.0	10,878.0	Dakota, Original Hole
Perforated	9/7/2000	10,878.0	10,882.0	Dakota, Original Hole
Perforated	7/24/2000	10,878.0	10,882.0	Dakota, Original Hole
Perforated	3/2/2001	10,882.0	10,884.0	Dakota, Original Hole
Perforated	10/5/2000	11,220.0	11,226.0	Morrison, Original Hole

Stim/Treat Stages					
Stage Type	Start Date	Top (ftKB)	Btm (ftKB)	Stim/Treat Fluid	V (pumped) (bbl)
Frac	10/5/2004	5,739.0	5,956.0	97800# 20/40 snd, Water	1194....
Frac	9/30/2004	6,082.0	6,146.0	61735# 20/40 snd, Delta Frac 200R	
Acidiza...	5/30/2001	6,454.0	6,464.0	1000gals 15% HCl, 4000gals Coal Stim, Acid	
Gas Stim	6/2/2001	6,454.0	6,472.0	Hi Energy Gas Stim, Gas	
Frac	6/4/2001	6,454.0	6,572.0	148000# 20/40 snd, Water	1242....
Acidiza...	5/23/2001	6,536.0	6,572.0	2000gals 15% HCl, Acid	
Acidiza...	5/14/2001	8,795.0	8,805.0	1000gals meth, 1000gals Coal Stim, Water	
Acidiza...	4/27/2001	8,975.0	8,995.0	1000gals 7% HCl, 4000gals Coal Stim, Acid	
Acidiza...	4/24/2001	10,460.0	10,470.0	1000gals 7% HCl, 4000gals Coal Stim, Acid	
Acid	9/14/2000	10,836.0	10,842.0	Acetic & HF, Acid	319.00
Acidiza...	3/13/2001	10,836.0	10,884.0	2000gals 7% HCl, 4000gals Coal Stim, Acid	
Frac	3/20/2001	10,836.0	10,884.0	36405# 20/40 snd, Water	863.00

Comment

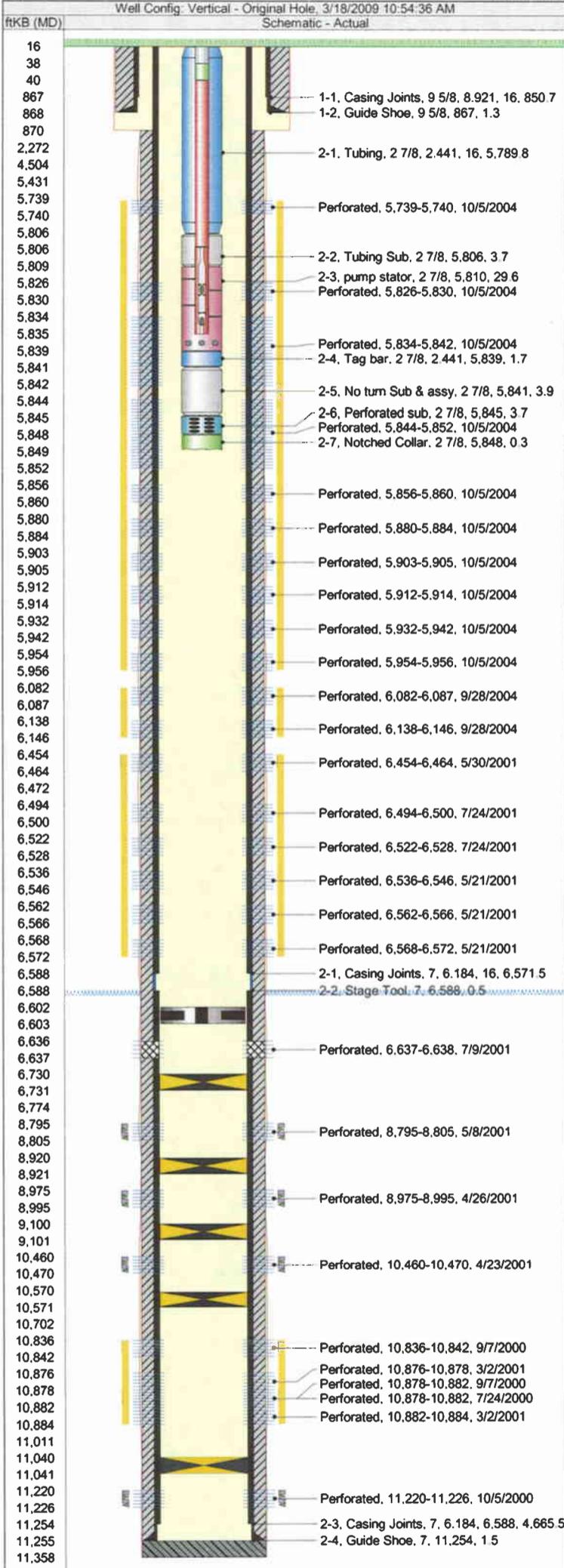


Whiting Oil & Gas Corp
 1700 Broadway, Suite 2300
 Denver, CO 80290
 (303) 837-1661

Lease Review All

Well Name: CHIMNEY ROCK 32-11

WPC ID 1UT027800	API Number 4304733445	Field Name Seep Ridge B	Operator WOGC	County Uintah	State UT
Ground Elevation (ft) 6,576.00	Orig KB Elev (ft) 6,592.00	KB-Grd (ft) 16.00	Engineer Tom Smith	Responsible Foreman Danny Widner	Original Spud Date 4/7/2000
Well Config: Vertical - Original Hole, 3/18/2009 10:54:36 AM			Completion Date 1/5/2002		



Stage Type	Start Date	Top (ftKB)	Btm (ftKB)	Stim/Treat Fluid	V (pumped) (bbl)
Acid Frac	7/26/2000	10,878.0	10,882.0	12% HCl & 3% HF, Acid	228.00
Acid Frac	10/11/2000	11,220.0	11,226.0	HCl-HF-HCl, Acid	

Tubing set at 5,848.7ftKB on 9/28/2004 06:00

Set Depth (ftKB)	Comment	Run Date
5,848.7		9/28/2004

Item Description	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	2 7/8	2.441	5,789.81	16.0	5,805.8
Tubing Sub	2 7/8		3.70	5,805.8	5,809.5
pump stator	2 7/8		29.61	5,809.5	5,839.1
Tag bar	2 7/8	2.441	1.68	5,839.1	5,840.8
No turn Sub & assy	2 7/8		3.90	5,840.8	5,844.7
Perforated sub	2 7/8		3.70	5,844.7	5,848.4
Notched Collar	2 7/8		0.30	5,848.4	5,848.7

Tubing set at 5,843.9ftKB on 12/5/2004 06:00

Set Depth (ftKB)	Comment	Run Date
5,843.9		12/5/2004

Item Description	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	2 7/8	2.441	5,819.01	-18.0	5,801.0
Tubing Sub	2 7/8		3.70	5,801.0	5,804.7
pump stator	2 7/8		29.61	5,804.7	5,834.3
Tag bar	2 7/8	2.441	1.65	5,834.3	5,836.0
No turn Sub & assy	2 7/8		3.90	5,836.0	5,839.9
Perforated sub	2 7/8		3.70	5,839.9	5,843.6
Notched Collar	2 7/8		0.30	5,843.6	5,843.9

D Rod on 1/6/2005 06:00

Rod Description	Run Date
D Rod	1/6/2005

Item Description	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Polished Rod	1	22.00	16.0	38.0
Pony Rod	1	2.00	38.0	40.0
Sucker Rod	1	5,766.30	40.0	5,806.3
Rod Pump	1	28.66	5,806.3	5,835.0

Other String Components

Item Description	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)

Other In Hole

Description	OD (in)	Run Date	Pull Date	Top (ftKB)	Btm (ftKB)
Comp BP	5.999	9/28/2004	10/8/2004	6,400.0	6,401.0
Cast Iron Bridge Plug	5.999	5/30/2001	6/2/2001	6,505.0	6,506.0
Cement Retainer	5.999	7/9/2001		6,602.0	6,603.0
Cast Iron Bridge Plug	5.999	5/21/2001		6,730.0	6,731.0
Cast Iron Bridge Plug	5.999	5/8/2001		8,920.0	8,921.0
Cast Iron Bridge Plug	5.999	4/26/2001		9,100.0	9,101.0
Cast Iron Bridge Plug	5.999	4/23/2001		10,570.0	10,571.0
Packer	5.999	9/8/2000	10/4/2000	10,800.0	10,810.0
Retrievable Bridge Plug	5.999	9/7/2000	10/4/2000	10,866.0	10,867.0
Retrievable Bridge Plug	5.999	3/2/2001		11,040.0	11,041.0

Comment



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MAR 12 2009

DIV. OF OIL, GAS & MINING

March 10, 2009

Dustin K Doucet
Utah Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

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

Dear Dustin,

I am writing in response to the letter of non-compliance for extended shut-in or temporary abandonment status concerning the wells:

- 1. Chimney Rock 32-11 (43-047-33445) 13S 21E 32
- 2. Ute Tribal 32-3A (43-047-33334)
- 3. Ute Tribal 32-5A (43-047-10577)
- 4. Ute Tribal 32-7A (43-047-33618)
- 5. Ute Tribal 32-11A (43-047-33621)

Whiting Oil & Gas Corporation has taken over operations of these wells about 9 months ago as well as the other wells in Flat Rock Field and Chimney Rock Field from the previous operator Miller/Dyer & Co. LLC. When we acquired these wells from Miller/Dyer in June, 2008 we did not immediately review well files, well logs, completion histories, etc. on the SI wells, as we focused our efforts on the active Entrada producers and permitted drill wells. We have just recently stated to evaluate the SI wells and the possible recompletion potential. We currently have plans to test some of the Upper Wasatch zones in the Chimney Rock 32-11 this year. We plan to re-test the Entrada in the Ute Tribal 32-5A and/or the 32-11A wells this summer. As we continue to evaluate the other 2 wells listed above, I am sure we will find zones that warrant testing or re-completion. If a well is deemed uneconomic, it will be Plugged and Abandoned per the state requirements. I have enclosed wellbore diagrams and the current casing and tubing pressures for the wells. We have a pumper at these wells on a daily basis and are confident these wells pose no risk to public health and safety or the environment. If you require further information or explanation, please feel free to contact me.

Thank you,

Thomas Smith
Sr. Operations Engineer
Whiting Oil & Gas Corp

Enclosures

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

Whiting Oil and Gas Corp
Pg 2 - Ltr to Dustin K. Doucet, State of Utah

	<u>Date</u>	<u>Tubing Pressure</u>	<u>Casing Pressure</u>
Chimney Rock 32 - 11	3/9/2009	310	1100
Ute Tribal 32 - 3A	3/9/2009	0	300
Ute Tribal 32 - 5A	3/9/2009	0	1200
Ute Tribal 32 - 7A	3/9/2009	20	40
Ute Tribal 32 - 11A	3/9/2009	0	0



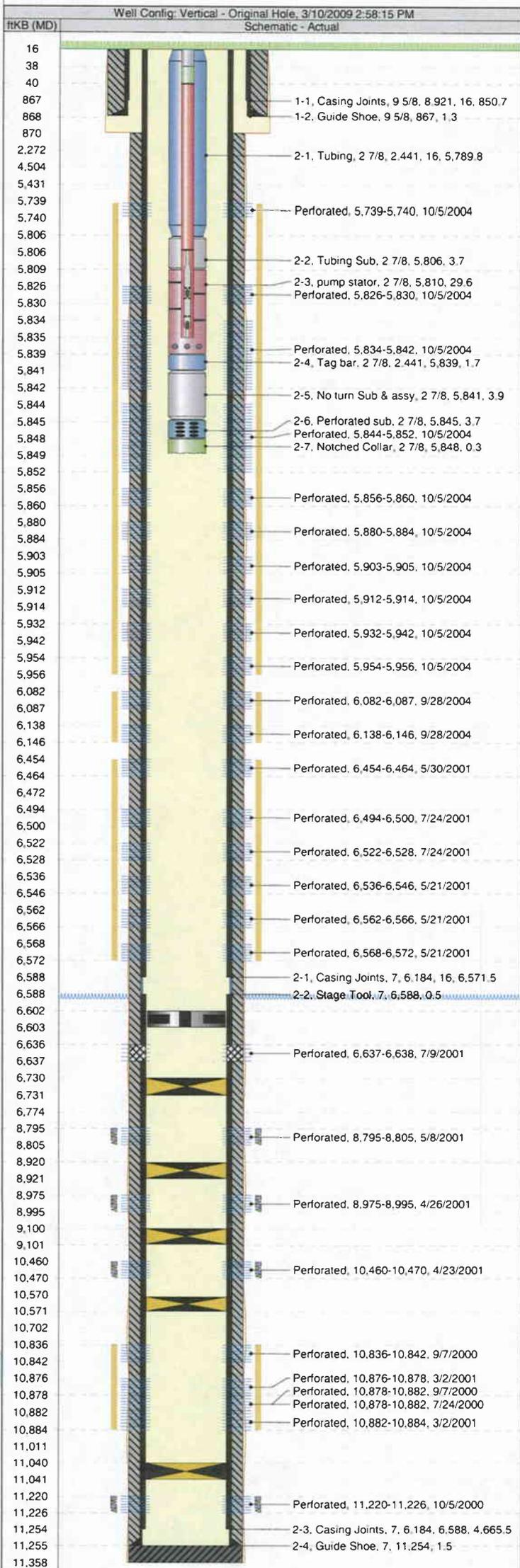
Whiting Oil & Gas Corp
 1700 Broadway, Suite 2300
 Denver, CO 80290
 (303) 837-1661

BH Completion Report Info

Well Name: **CHIMNEY ROCK 32-11**

WPC ID 1UT027800	API Number 4304733445	N/S Dist (ft) 2,116.0	N/S ... FSL	E/W Dist (ft) 2,081.0	E/W ... FWL	Qtr/Qtr NESW	Section 32	Town... 13S	Range 21E	Field Name Seep Ridge B	Operator WOGC	County Uintah	State UT
Gr Elev (ft) 6,576.00	Orig KB Elv (ft) 6,592.00	KB-Grd (ft) 16.00	Drilling Contact Dana	Responsible Engineer Tom Smith	Responsible Foreman Danny Widner	Geology Contact John Forster	Original Spud Date 4/7/2000	Completion Date 1/5/2002	First Production Date				

Contractor	Rig No.	Rig Type	Start Date	RR Date	TD (ft)	TD Date	Comment
			4/7/2000	5/15/2000	11,358.00	05/11/2000	



Surface	Original Hole	12 1/4	16.0	870.0	4/7/2000	4/8/2000
Production	Original Hole	8 3/4	870.0	11,358.0	4/8/2000	5/11/2000

Surface Csg, 868.0ftKB

Comment: Run Date 4/8/2000

OD (in)	Wt (lbs/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Description
9 5/8	36.00	J-55	16.0	866.8	850.75	Casing Joints
9 5/8			866.8	868.0	1.25	Guide Shoe

Production Csg, 11,255.0ftKB

Comment: Run Date 5/13/2000

OD (in)	Wt (lbs/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Description
7	29.00	N-80	16.0	6,587.5	6,571.50	Casing Joints
7			6,587.5	6,588.0	0.50	Stage Tool
7	29.00	N-80	6,588.0	11,253.5	4,665.50	Casing Joints
7			11,253.5	11,255.0	1.50	Guide Shoe

Cement Stages

Description	Pump Start Date	Top (ftKB)	Btm (ftKB)	Top Meas Meth	MD Tagge...
Surface Casing Cement	4/8/2000	16.0	868.0		

Wellbore	Fluid Type	Amount (sa...)	Class	Est Top (ftK...)	Est Btm (ftK...)	V (bbl)
Original Hole	Surface Cement	437	G	16.0	868.0	224.0

Description	Pump Start Date	Top (ftKB)	Btm (ftKB)	Top Meas Meth	MD Tagge...
Production Casing Cement	5/13/2000	870.0	11,255.0		

Wellbore	Fluid Type	Amount (sa...)	Class	Est Top (ftK...)	Est Btm (ftK...)	V (bbl)
Original Hole	Production Cement	1,535	II HS	870.0	11,255.0	390.0

Description	Pump Start Date	Top (ftKB)	Btm (ftKB)	Top Meas Meth	MD Tagge...
Cement Squeeze	7/11/2001	6,636.5	6,637.5		

Wellbore	Fluid Type	Amount (sa...)	Class	Est Top (ftK...)	Est Btm (ftK...)	V (bbl)
Original Hole	Squeeze Perforatio...			6,636.5	6,637.5	5.0

Description	Pump Start Date	Top (ftKB)	Btm (ftKB)	Top Meas Meth	MD Tagge...
Cement below shoe	5/13/2000	11,255.0	11,358.0		

Perforations

Type of Hole	Date	Top (ftKB)	Btm (ftKB)	Zone	Shot Dens (sh...)	Cal... Shot Total
Perfora...	10/5/2004	5,739.0	5,740.0	Mesaverde, Original Hole	2.0	2
Perfora...	10/5/2004	5,826.0	5,830.0	Mesaverde, Original Hole	2.0	8
Perfora...	10/5/2004	5,834.0	5,842.0	Mesaverde, Original Hole	2.0	16
Perfora...	10/5/2004	5,844.0	5,852.0	Mesaverde, Original Hole	2.0	16
Perfora...	10/5/2004	5,856.0	5,860.0	Mesaverde, Original Hole	2.0	8
Perfora...	10/5/2004	5,880.0	5,884.0	Mesaverde, Original Hole	2.0	8
Perfora...	10/5/2004	5,903.0	5,905.0	Mesaverde, Original Hole	2.0	4
Perfora...	10/5/2004	5,912.0	5,914.0	Mesaverde, Original Hole	2.0	4
Perfora...	10/5/2004	5,932.0	5,942.0	Mesaverde, Original Hole	2.0	20
Perfora...	10/5/2004	5,954.0	5,956.0	Mesaverde, Original Hole	2.0	4
Perfora...	9/28/2004	6,082.0	6,087.0	Mesaverde, Original Hole	3.0	15
Perfora...	9/28/2004	6,138.0	6,146.0	Mesaverde, Original Hole	3.0	24
Perfora...	5/30/2001	6,454.0	6,464.0	Castlegate, Original Hole	4.0	40
Perfora...	7/24/2001	6,494.0	6,500.0	Castlegate, Original Hole	4.0	24
Perfora...	7/24/2001	6,522.0	6,528.0	Castlegate, Original Hole	4.0	24
Perfora...	5/21/2001	6,536.0	6,546.0	Castlegate, Original Hole	4.0	40
Perfora...	5/21/2001	6,562.0	6,566.0	Castlegate, Original Hole	4.0	16
Perfora...	5/21/2001	6,568.0	6,572.0	Castlegate, Original Hole	4.0	16
Perfora...	7/9/2001	6,636.5	6,637.5	Castlegate, Original Hole	4.0	4
Perfora...	5/8/2001	8,795.0	8,805.0	Mancos Shale, Original Hole	4.0	40
Perfora...	4/26/2001	8,975.0	8,995.0	Mancos Shale, Original Hole	4.0	80
Perfora...	4/23/2001	10,46...	10,47...	Mancos Shale, Original Hole	4.0	40
Perfora...	9/7/2000	10,83...	10,84...	Dakota, Original Hole	4.0	24
Perfora...	3/2/2001	10,87...	10,87...	Dakota, Original Hole	4.0	8
Perfora...	9/7/2000	10,87...	10,88...	Dakota, Original Hole	4.0	16
Perfora...	7/24/2000	10,87...	10,88...	Dakota, Original Hole	2.0	8
Perfora...	3/2/2001	10,88...	10,88...	Dakota, Original Hole	4.0	8
Perfora...	10/5/2000	11,22...	11,22...	Morrison, Original Hole	4.0	24

Stim/Treat Stages

Stage Type	Start Date	Top (ftKB)	Btm (ftKB)	Stim/Treat Fluid	V (pumped) (bbl)
Frac	10/5/2004	5,739.0	5,956.0	97800# 20/40 snd, Water	1194.00
Frac	9/30/2004	6,082.0	6,146.0	61735# 20/40 snd, Delta Frac 200R	
Frac	6/4/2001	6,454.0	6,572.0	148000# 20/40 snd, Water	1242.00
Acidiza...	5/30/2001	6,454.0	6,464.0	1000gals 15% HCl, 4000gals Coal Stim, Acid	
Gas Stim	6/2/2001	6,454.0	6,472.0	Hi Energy Gas Stim, Gas	
Acidiza...	5/23/2001	6,536.0	6,572.0	2000gals 15% HCl, Acid	

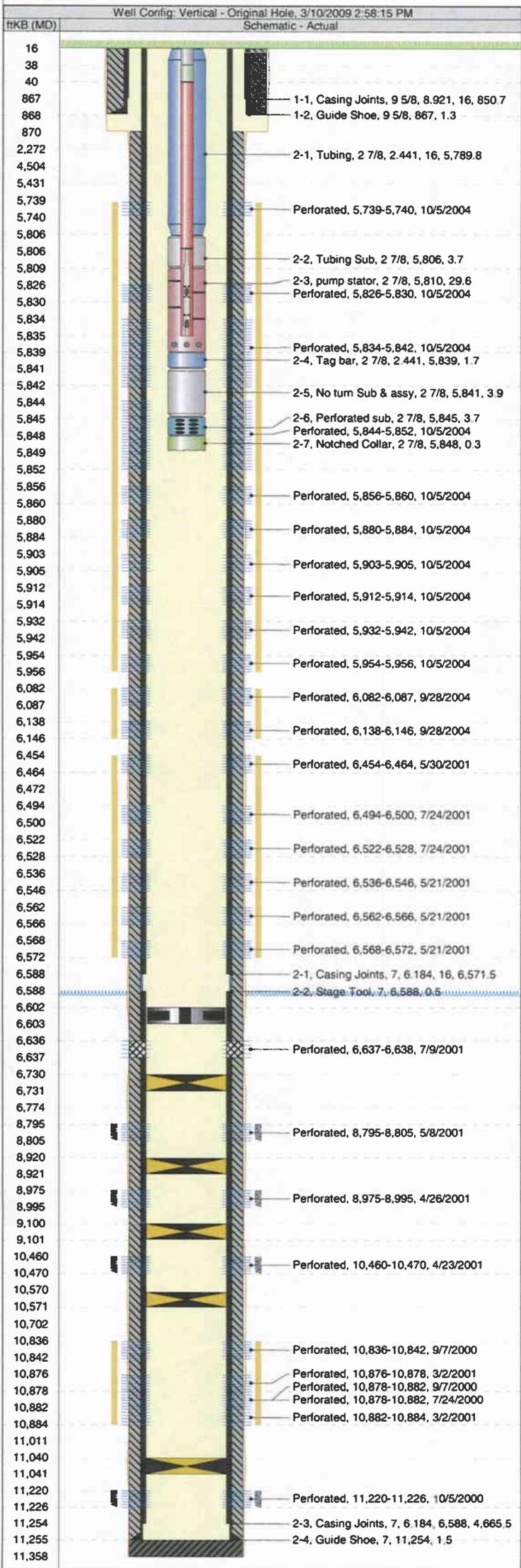


Whiting Oil & Gas Corp
 1700 Broadway, Suite 2300
 Denver, CO 80290
 (303) 837-1661

BH Completion Report Info

Well Name: CHIMNEY ROCK 32-11

WPC ID 1UT027800	API Number 4304733445	N/S Dist (ft) 2,116.0	N/S ... FSL	E/W Dist (ft) 2,081.0	E/W ... FWL	Qtrr/Qtr NESW	Section 32	Town... 13S	Range 21E	Field Name Seep Ridge B	Operator WOGC	County Uintah	State UT
Gr Elev (ft) 6,576.00	Org KB Elev (ft) 6,592.00	KB-Grd (ft) 16.00	Drilling Contact Dana	Responsible Engineer Tom Smith	Responsible Foreman Danny Widner	Geology Contact John Forster	Original Spud Date 4/7/2000	Completion Date 1/5/2002	First Production Date				



Stage Type	Start Date	Top (ftKB)	Btm (ftKB)	Stim/Treat Fluid	(pumped) (bb)
Acidiza...	5/14/2001	8,795.0	8,805.0	1000gals meth, 1000gals Coal Stim, Water	
Acidiza...	4/27/2001	8,975.0	8,995.0	1000gals 7% HCl, 4000gals Coal Stim, Acid	
Acidiza...	4/24/2001	10,460.0	10,470.0	1000gals 7% HCl, 4000gals Coal Stim, Acid	
Acidiza...	3/13/2001	10,836.0	10,884.0	2000gals 7% HCl, 4000gals Coal Stim, Acid	
Frac	3/20/2001	10,836.0	10,884.0	36405# 20/40 snd, Water	863.00
Acid Frac	9/14/2000	10,836.0	10,842.0	Acetic & HF, Acid	319.00
Acid Frac	7/26/2000	10,878.0	10,882.0	12% HCl & 3% HF, Acid	228.00
Acid Frac	10/11/2000	11,220.0	11,226.0	HCl-HF-HCl, Acid	

Tubing set at 5,848.7ftKB on 9/28/2004 06:00

Set Depth (ftKB)	Comment	Run Date	Pull Date
5,848.7		9/28/2004	

Item Description	OD (in)	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	2 7/8	181	5,789.81	16.0	5,805.8
Tubing Sub	2 7/8	1	3.70	5,805.8	5,809.5
pump stator	2 7/8	1	29.61	5,809.5	5,839.1
Tag bar	2 7/8	1	1.68	5,839.1	5,840.8
No turn Sub & assy	2 7/8	1	3.90	5,840.8	5,844.7
Perforated sub	2 7/8	1	3.70	5,844.7	5,848.4
Notched Collar	2 7/8	1	0.30	5,848.4	5,848.7

Tubing set at 5,843.9ftKB on 12/5/2004 06:00

Set Depth (ftKB)	Comment	Run Date	Pull Date
5,843.9		12/5/2004	1/6/2005

Item Description	OD (in)	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	2 7/8	181	5,819.01	-18.0	5,801.0
Tubing Sub	2 7/8	1	3.70	5,801.0	5,804.7
pump stator	2 7/8	1	29.61	5,804.7	5,834.3
Tag bar	2 7/8	1	1.65	5,834.3	5,836.0
No turn Sub & assy	2 7/8	1	3.90	5,836.0	5,839.9
Perforated sub	2 7/8	1	3.70	5,839.9	5,843.6
Notched Collar	2 7/8	1	0.30	5,843.6	5,843.9

D Rod on 1/6/2005 06:00

Rod Description	Comment	Run Date	Pull Date
D Rod		1/6/2005	

Item Description	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
Polished Rod		1	22.00	16.0
Pony Rod		1	2.00	38.0
Sucker Rod		1	5,766.30	40.0
Rod Pump		1	28.66	5,806.3

Other String Components

Item Description	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)	ID (in)

Other In Hole

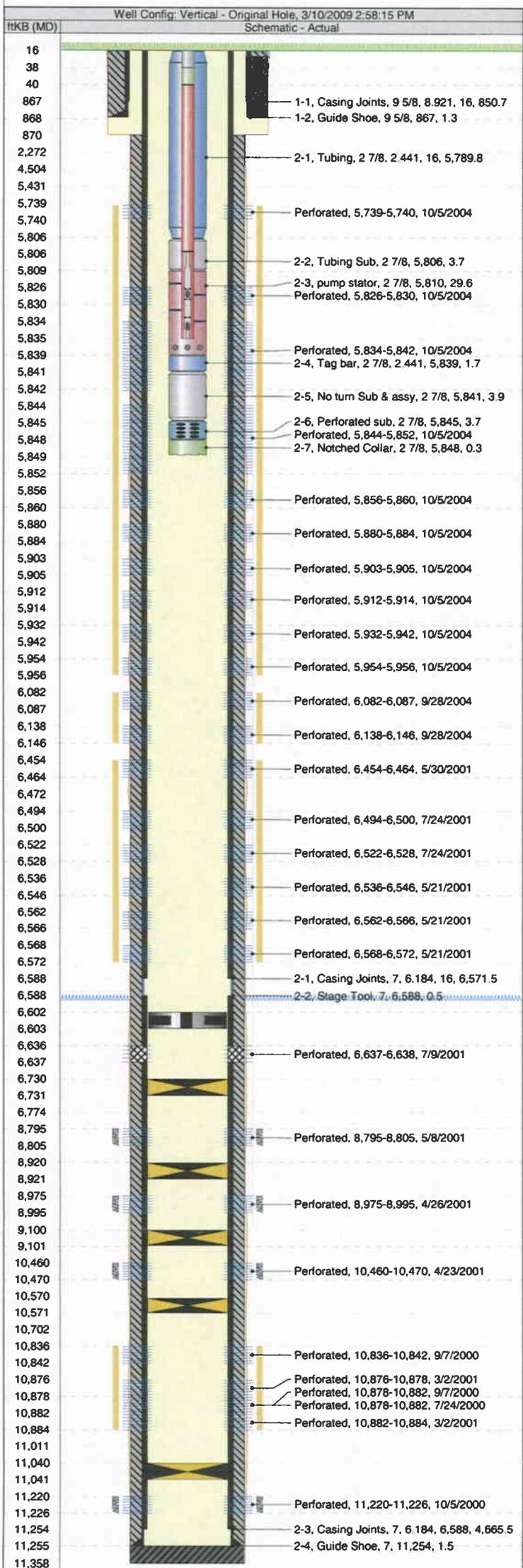
Description	OD (in)	Run Date	Pull Date	Top (ftKB)	Bottom (ftKB)
Comp BP	5.999	9/28/2004	10/8/2004	6,400.0	6,401.0
Cast Iron Bridge Plug	5.999	5/30/2001	6/2/2001	6,505.0	6,506.0
Cement Retainer	5.999	7/9/2001		6,602.0	6,603.0
Cast Iron Bridge Plug	5.999	5/21/2001		6,730.0	6,731.0
Cast Iron Bridge Plug	5.999	5/8/2001		8,920.0	8,921.0
Cast Iron Bridge Plug	5.999	4/26/2001		9,100.0	9,101.0
Cast Iron Bridge Plug	5.999	4/23/2001		10,570.0	10,571.0
Packer	5.999	9/8/2000	10/4/2000	10,800.0	10,810.0



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

BH Completion Report Info
 Well Name: CHIMNEY ROCK 32-11

WPC ID 1UT027800	API Number 4304733445	N/S Dist (ft) 2,116.0	N/S ... FSL	E/W Dist (ft) 2,081.0	E/W ... FWL	Qtr/Qtr NESW	Section 32	Town... 13S	Range 21E	Field Name Seep Ridge B	Operator WOGC	County Uintah	State UT
Gr Elev (ft) 6,576.00	Org KB Elev (ft) 6,592.00	KB-Grd (ft) 16.00	Drilling Contact Dana	Responsible Engineer Tom Smith	Responsible Foreman Danny Widner	Geology Contact John Forster	Original Spud Date 4/7/2000	Completion Date 1/5/2002	First Production Date				



Description Retrievable Bridge Plug	OD (in) 5.999	Run Date 9/7/2000	Pull Date 10/4/2000	Top (ftKB) 10,866.0	Bottom (ftKB) 10,867.0
Comment					
Description Retrievable Bridge Plug	OD (in) 5.999	Run Date 3/2/2001	Pull Date	Top (ftKB) 11,040.0	Bottom (ftKB) 11,041.0
Comment					

Cores							
C. No.	Date	Wellbore	Top (ftKB)	Btm (ftKB)	Recov (ft)	% Recov (%)	Comment

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47437
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: CHIMNEY ROCK 32-11
2. NAME OF OPERATOR: WHITING OIL & GAS CORPORATION	9. API NUMBER: 43047334450000
3. ADDRESS OF OPERATOR: 1700 Broadway, Suite 2300 , Denver, CO, 80290 2300	PHONE NUMBER: 303 390-4095 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2116 FSL 2081 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 32 Township: 13.0S Range: 21.0E Meridian: S	9. FIELD and POOL or WILDCAT: SEEP RIDGE B (DKTA) COUNTY: UINTAH 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 Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/25/2011	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="WO Rpt. Status Update"/>

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

MIRU. Pull 75 - 1", 82 - 7/8", 82 - 3/4" rods. SICP 300#, SITP 0#. RIH, tag FL @ 2500'. Swab back 97 bbls in 17 runs, trace oil. Final FL @ 4000'. Pull from SN @ 6128' for last 4 runs. Est 4 BPH gas cut fluid. Casing psi dropped to 200#, back to 300# by day's end. RDMO. Well is currently shut-in pending evaluation for sidetrack in Mancos. Whiting requests allowance for extended shut-in status until 10/01/2011. See job report and well bore schematic attached.

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

NAME (PLEASE PRINT) Pauleen Tobin	PHONE NUMBER 303 390-4267	TITLE Engineer Tech
SIGNATURE N/A	DATE 4/18/2011	

UTAH DEPARTMENT OF NATURAL RESOURCES

Division of Oil, Gas & Mining

Oil and Gas Program

1594 West North Temple, Suite 1210, Box 145801

Salt Lake City, Utah 84114-5801

(801) 538-5340 Phone

(801) 359-3940 Fax

**NOTICE OF VIOLATION
STATE OF UTAH
OIL AND GAS CONSERVATION ACT**

To the following operator:

Name: WHITING OIL & GAS CORP.

Well(s) or Site(s): 1.) CHIMNEY ROCK 32-11 API #: 43-047-33445

Date and Time of Inspection/Violation: April 11, 2011

Mailing Address: Attn: Thomas Smith

1700 Broadway STE 2300

Denver, CO 80290-2300

Under the authority of the Utah Oil and Gas Conservation Act, Section 40-6 et. Seq., Utah Code Annotated, 1953, as amended, the undersigned authorized representative of the Division of Oil, Gas and Mining (Division) has conducted an inspection of the above described site and/or records on the above date and has found alleged violation(s) of the act, rules or permit conditions as described below.

Description of Violation(s):

Rule R649-3-36, Shut-in and Temporarily Abandoned Wells – According to Rule R649-3-36, the operator is required to supply the Division with reasons for extended SI/TA, the length of time for extended SI/TA and proof of well bore integrity for every well SI/TA over 12 consecutive months. After 5 years of continued SI/TA, the wells are to be plugged unless good cause is supplied to the Division for extended SI/TA in addition to the required information just mentioned.

The Division has initiated several contacts with Whiting Oil & Gas Corp (Whiting) requesting required documents and action per R649-3-36. A first notice of non-compliance was sent out via certified mail on August 26, 2008, to Whiting. In this letter a history of SI/TA was listed under Miller Dyer & Co wherein it was mentioned of Whiting's assumed responsibility of SI/TA compliance when ownership was transferred. A second notice was sent to Whiting on February 19, 2009. Whiting responded with a sundry on March 18, 2009, requesting SI/TA status. Based on the plans and pressure information submitted by Whiting, the Division granted SI/TA extension status that was valid through August 1, 2009. To date our records do not show that the proposed work submitted as part of the extension request has been done. The extension approval has expired. No further work has been done or requests have been submitted since the expiration date.

Action: For the wells subject to this notice, Whiting Oil & Gas Corp shall either submit the information required by R649-3-36, plug and abandon or place the wells on production.

Apr. 18, 2011

Whiting Oil & Gas Corp.

April 11, 2011

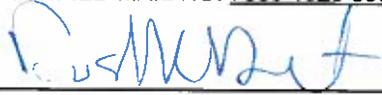
Notice of Violation

This notice shall remain in effect until it is modified, terminated, or vacated by a written notice of an authorized representative of the director of the Division of Oil, Gas and Mining. Failure to comply with this notice will result in the Division pursuing further actions against said operator. Further actions may include initiation of agency actions to order full cost bonding and plugging and abandonment of wells and requests for bond forfeiture and civil penalties.

Compliance Deadline: June 1, 2011

Date of Service Mailing: April 12, 2011

CERTIFIED MAIL NO: 7005 1820 0001 5562 8019



Division's Representative

Operator or Representative

(If presented in person)

6/2005

UTAH DEPARTMENT OF NATURAL RESOURCES

Division of Oil, Gas & Mining

Oil and Gas Program

1594 West North Temple, Suite 1210, Box 145801

Salt Lake City, Utah 84114-5801

(801) 538-5340 Phone

(801) 359-3940 Fax

NOTICE OF VIOLATION
STATE OF UTAH
OIL AND GAS CONSERVATION ACT

To the following operator:

Name: WHITING OIL & GAS CORP.

Well(s) or Site(s): 1.) CHIMNEY ROCK 32-11 API #: 43-047-33445

139 21E 32

Date and Time of Inspection/Violation: April 11, 2011

Mailing Address: Attn: Thomas Smith

1700 Broadway STE 2300

Denver, CO 80290-2300

Under the authority of the Utah Oil and Gas Conservation Act, Section 40-6 et. Seq., Utah Code Annotated, 1953, as amended, the undersigned authorized representative of the Division of Oil, Gas and Mining (Division) has conducted an inspection of the above described site and/or records on the above date and has found alleged violation(s) of the act, rules or permit conditions as described below.

Description of Violation(s):

Rule R649-3-36, Shut-in and Temporarily Abandoned Wells – According to Rule R649-3-36, the operator is required to supply the Division with reasons for extended SI/TA, the length of time for extended SI/TA and proof of well bore integrity for every well SI/TA over 12 consecutive months. After 5 years of continued SI/TA, the wells are to be plugged unless good cause is supplied to the Division for extended SI/TA in addition to the required information just mentioned.

The Division has initiated several contacts with Whiting Oil & Gas Corp (Whiting) requesting required documents and action per R649-3-36. A first notice of non-compliance was sent out via certified mail on August 26, 2008, to Whiting. In this letter a history of SI/TA was listed under Miller Dyer & Co wherein it was mentioned of Whiting's assumed responsibility of SI/TA compliance when ownership was transferred. A second notice was sent to Whiting on February 19, 2009. Whiting responded with a sundry on March 18, 2009, requesting SI/TA status. Based on the plans and pressure information submitted by Whiting, the Division granted SI/TA extension status that was valid through August 1, 2009. To date our records do not show that the proposed work submitted as part of the extension request has been done. The extension approval has expired. No further work has been done or requests have been submitted since the expiration date.

Action: For the wells subject to this notice, Whiting Oil & Gas Corp shall either submit the information required by R649-3-36, plug and abandon or place the wells on production.

Whiting Oil & Gas Corp.

April 11, 2011

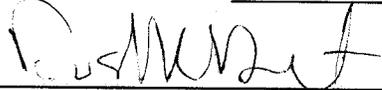
Notice of Violation

This notice shall remain in effect until it is modified, terminated, or vacated by a written notice of an authorized representative of the director of the Division of Oil, Gas and Mining. Failure to comply with this notice will result in the Division pursuing further actions against said operator. Further actions may include initiation of agency actions to order full cost bonding and plugging and abandonment of wells and requests for bond forfeiture and civil penalties.

Compliance Deadline: June 1, 2011

Date of Service Mailing: April 12, 2011

CERTIFIED MAIL NO: 7005 1820 0001 5562 8019



Division's Representative

Operator or Representative

(If presented in person)

6/2005

well file



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 6, 2011

Certified Mail No. 7011 0110 0001 3568 1496

Mr. Mike Stahl
Whiting Oil & Gas Corp
1700 Broadway STE 2300
Denver, CO 80290-2300

Subject: Reissue of Notice of Violation: SI/TA Well Requirements for wells on Fee or State Leases

Dear Mr. Stahl:

13S 21E 32

The Division of Oil, Gas and Mining (Division) is reissuing this Notice of Violation (NOV) for the Chimney Rock 32-11 well (API 43-047-33445) that originally went out via certified mail to Whiting Oil & Gas Corp (Whiting) on April 12, 2011 (see attachment of original violation). Whiting was given until June 1, 2011 to respond to this original NOV.

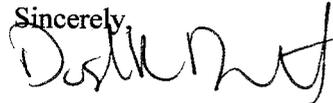
The Division recently discovered that Whiting did respond to the NOV by subsequent sundry dated April 18, 2011. In this sundry, pressures and fluid levels were noted and Whiting requested extended SI/TA status until October 1, 2011 to allow evaluation for sidetrack in the Mancos formation. Because the sundry was submitted as a subsequent, it was accepted for record and was not properly reviewed by the Division. In evaluating the submitted information the Division has concluded that it did not support the showing of integrity. Whiting's date for requested extension has also passed and the Division has not received any record or indication of anything being done to move forward with the stated plan for the sidetrack.

As of January 1, 2011 Whiting had four (4) wells that were in non-compliance with the requirements for shut-in or temporarily abandoned (SI/TA) status. The Division issued a notice of non-compliance for the three (3) other wells on September 20, 2011. All wells should be brought into compliance immediately. 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 (R649-3-36-1.3.3). All future extension requests need to be submitted as a notice of intent on the sundry form for Division evaluation and approval.

IMMEDIATE ACTION REQUIRED: Please submit information required by R649-3-36, plug and abandon or place wells on production.

If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,


Dustin K. Doucet
Petroleum Engineer

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

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114 -5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • www.ogm.utah.gov



UTAH DEPARTMENT OF NATURAL RESOURCES

Division of Oil, Gas & Mining

Oil and Gas Program

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Salt Lake City, Utah 84114-5801

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NOTICE OF VIOLATION
STATE OF UTAH
OIL AND GAS CONSERVATION ACT

To the following operator:

Name: WHITING OIL & GAS CORP.

Well(s) or Site(s): 1.) CHIMNEY ROCK 32-11 API #: 43-047-33445

139 21E 32

Date and Time of Inspection/Violation: April 11, 2011

Mailing Address: Attn: Thomas Smith

1700 Broadway STE 2300

Denver, CO 80290-2300

Under the authority of the Utah Oil and Gas Conservation Act, Section 40-6 et. Seq., Utah Code Annotated, 1953, as amended, the undersigned authorized representative of the Division of Oil, Gas and Mining (Division) has conducted an inspection of the above described site and/or records on the above date and has found alleged violation(s) of the act, rules or permit conditions as described below.

Description of Violation(s):

Rule R649-3-36, Shut-in and Temporarily Abandoned Wells – According to Rule R649-3-36, the operator is required to supply the Division with reasons for extended SI/TA, the length of time for extended SI/TA and proof of well bore integrity for every well SI/TA over 12 consecutive months. After 5 years of continued SI/TA, the wells are to be plugged unless good cause is supplied to the Division for extended SI/TA in addition to the required information just mentioned.

The Division has initiated several contacts with Whiting Oil & Gas Corp (Whiting) requesting required documents and action per R649-3-36. A first notice of non-compliance was sent out via certified mail on August 26, 2008, to Whiting. In this letter a history of SI/TA was listed under Miller Dyer & Co wherein it was mentioned of Whiting's assumed responsibility of SI/TA compliance when ownership was transferred. A second notice was sent to Whiting on February 19, 2009. Whiting responded with a sundry on March 18, 2009, requesting SI/TA status. Based on the plans and pressure information submitted by Whiting, the Division granted SI/TA extension status that was valid through August 1, 2009. To date our records do not show that the proposed work submitted as part of the extension request has been done. The extension approval has expired. No further work has been done or requests have been submitted since the expiration date.

Action: For the wells subject to this notice, Whiting Oil & Gas Corp shall either submit the information required by R649-3-36, plug and abandon or place the wells on production.

Whiting Oil & Gas Corp.

April 11, 2011

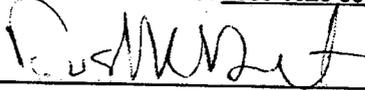
Notice of Violation

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Compliance Deadline: June 1, 2011

Date of Service Mailing: April 12, 2011

CERTIFIED MAIL NO: 7005 1820 0001 5562 8019



Division's Representative

Operator or Representative

(If presented in person)

6/2005

well file

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47437
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: CHIMNEY ROCK 32-11
2. NAME OF OPERATOR: WHITING OIL & GAS CORPORATION	9. API NUMBER: 43047334450000
3. ADDRESS OF OPERATOR: 1700 Broadway, Suite 2300 , Denver, CO, 80290 2300	PHONE NUMBER: 303 390-4095 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2116 FSL 2081 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 32 Township: 13.0S Range: 21.0E Meridian: S	9. FIELD and POOL or WILDCAT: SEEP RIDGE B (DKTA) COUNTY: UINTAH 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 Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 2/25/2011 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: WO Rpt. Status Update

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 MIRU. Pull 75 - 1", 82 - 7/8", 82 - 3/4" rods. SICP 300#, SITP 0#. RIH, tag FL @ 2500'. Swab back 97 bbls in 17 runs, trace oil. Final FL @ 4000'. Pull from SN @ 6128' for last 4 runs. Est 4 BPH gas cut fluid. Casing psi dropped to 200#, back to 300# by day's end. RDMO. Well is currently shut-in pending evaluation for sidetrack in Mancos. Whiting requests allowance for extended shut-in status until 10/01/2011. See job report and well bore schematics attached.

NAME (PLEASE PRINT) Pauleen Tobin	PHONE NUMBER 303 390-4267	TITLE Engineer Tech
SIGNATURE N/A	DATE 4/18/2011	

FOR RECORD ONLY



February 10, 2012

Mr. Dustin Doucet
Utah Department of Natural Resources
Div of Oil, Gas & Mining
1594 W North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

RE: Notices of Violation
Chimney Rock 32-11 ——— T135 R21E S-32
API 43-047-33445
Flat Rock Wells in Sec 32
43-047-36993, 36994, 36995

Dear Dustin,

In regards to the Notice of Violation dated October 6, 2011, Whiting plans to file a Notice of Intent to Plug and Abandon Chimney Rock 32-11. Currently we are putting together a procedure and AFE to do this work.

In addition to this well, Whiting has 3 other wells located in section 32

Flat Rock 13-32-14-20, API 43-047-36992
Flat Rock 14-32-14-20, API 43-047-36993
Flat Rock 15-32-14-20, API 43-047-36994

These wells will also have Notices of Intent to Plug and Abandon filed on them. The AFEs and procedures are in progress as well.

Should you have any questions or concerns, you may contact me at the letterhead address or phone, or email pollyt@whiting.com.

Thank you for your patience.

Very truly yours

WHITING OIL AND GAS CORPORATION

Pauleen Tobin
Central Rockies Engineer Tech

Accepted by the
Utah Division of
Oil, Gas and Mining
For Record Only

RECEIVED
FEB 13 2012
DIV. OF OIL, GAS & MINING

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



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 33445
Chimney Rock 32-11
13S - 21E 32

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



GARY R. HERBERT
Governor

SPENCER J. COX
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

June 5, 2014

Certified Mail No. 7003 2260 0003 2358 7158

Mr. John D'Hooge
Whiting Oil & Gas Corporation
1700 Broadway Suite 2300
Denver, CO 80290

43 047 33445
Chimney Rock 32-11
135 21E 32

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

Dear Mr. John D'Hooge:

As of April 2014, Whiting Oil & Gas Corporation (Whiting) has ten (10) State Lease Wells (see attachment A) that are currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. Seven (7) of these wells have previously received notices with nothing being done or shown by Whiting to bring into compliance status.

The Division was preparing to issue Notices of Violation for all wells listed above. However, during the meeting with the Division on June 3, 2014, Whiting verbally noted its plans concerning these wells. Whiting stated that five (5) of the wells will be plugged, one (1) being evaluated for water disposal, one (1) being evaluated for up hole potential, and the remaining three (3) to be returned to production.

Whiting needs to submit individual sundry's for each well, detailing plans and near future timeframe for work to be accomplished. Additionally, the wells that are candidates for plugging need to have a plugging procedure and a scheduled date for PA submitted for approval. All other wells will need to meet the requirements per the rules below.

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



Page 2
Pacific Energy & Mining Company
June 4, 2014

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).

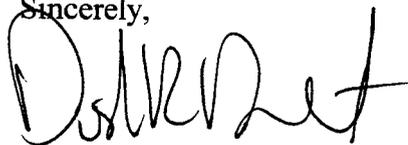
Please note that the Divisions preferred method for showing well integrity is by MIT.

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 by July 1, 2014, Notices of Violation will be issued and 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	Prior Notices
→ 1	CHIMNEY ROCK 32-11	43-047-33445	ML-47437	6 years 8 months	NOV
2	FLAT ROCK 13-32-14-20	43-047-36992	ML-44317	12 years 6 months	2 ND NOTICE
3	FLAT ROCK 14-32-14-20	43-047-36993	ML-44317	12 years 5 months	2 ND NOTICE
4	FLAT ROCK 15-32-14-20	43-047-36994	ML-44317	12 years 5 months	2 ND NOTICE
5	STATE 16H-32-15-12	43-007-31482	ML-49797	4 years 5 months	1 ST NOTICE
6	CARBON CANAL 5-12	43-015-30709	ML-49116	6 years	2 ND NOTICE
7	UTE TRIBAL 32-1A	43-047-32758	ML-44317	4 years 2 months	2 ND NOTICE
8	UTE TRIBAL 32-3A	43-047-33334	ML-44317	3 years 1 month	
9	UTE TRIBAL 32-4A	43-047-33335	ML-44317	3 years	
10	TULLY 16-9-36D	43-015-50003	ML-52222	1 year 1 month	

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: ML-47437
1. TYPE OF WELL Gas Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: WHITING OIL & GAS CORPORATION	7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1700 Broadway, Suite 2300 , Denver, CO, 80290 2300	8. WELL NAME and NUMBER: CHIMNEY ROCK 32-11
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2116 FSL 2081 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 32 Township: 13.0S Range: 21.0E Meridian: S	9. API NUMBER: 43047334450000
9. FIELD and POOL or WILDCAT: SEEP RIDGE B (DKTA)	COUNTY: Uintah
STATE: UTAH	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/1/2014	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 Please see the attached Plug and Abandon proposal.

**Approved by the
 Utah Division of
 Oil, Gas and Mining**

Date: July 31, 2014
 By: *Derek Quist*

Please Review Attached Conditions of Approval

NAME (PLEASE PRINT) Cara Mezydlo	PHONE NUMBER 303 876-7091	TITLE Engineering Technician
SIGNATURE N/A	DATE 7/22/2014	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047334450000

- 1. Notify the Division at least 24 hours prior to conducting abandonment operations. Please call Dan Jarvis at 801-538-5338.**
- 2. Add Plug #3A: A 100' plug (± 20 sx) shall be balanced from $\pm 3250'$ to $3150'$. This will isolate Base of Moderately Saline Groundwater as required by R649-3-24-3.3.**
- 3. All balanced plugs shall be tagged to ensure that they are at the depth specified.**
- 4. All annuli shall be cemented from a minimum depth of 100' to the surface.**
- 5. The interval between plugs shall be filled with noncorrosive fluid of adequate density to prevent migration of formation water into or through the well bore (R649-3-24-3.5).**
- 6. Surface reclamation shall be done in accordance with R649-3-34 – Well Site Restoration.**
- 7. All requirements in the Oil and Gas Conservation General Rule R649-3-24 shall apply.**
- 8. If there are any changes to the procedure or the wellbore configuration, notify Dustin Doucet at 801-538-5281 (ofc) or 801-733-0983 (home) prior to continuing with the procedure.**
- 9. All other requirements for notice and reporting in the Oil and Gas Conservation General Rules shall apply.**

7/29/2014

Wellbore Diagram

r263

API Well No: 43-047-33445-00-00 **Permit No:**
Company Name: WHITING OIL & GAS CORPORATION
Location: Sec: 32 T: 13S R: 21E Spot: NESW
Coordinates: X: 620778 Y: 4388938
Field Name: SEEP RIDGE B (DKTA)
County Name: UINTAH

Well Name/No: CHIMNEY ROCK 32-11

String Information

String	Bottom (ft sub)	Diameter (inches)	Weight (lb/ft)	Length (ft)
HOL1	868	12.25		
SURF	868	9.625	36	868
HOL2	11255	8.75		
PROD	11255	7 x 9.625	29	11255 $\xrightarrow{0.1668}$ 5.995
T1	5848	2.875		
CIBP	11040			
CIBP	10570			
CIBP	9100			
CIBP	8920			
CIBP	6730			

4/CF

Plug # 6

inside: $(20 \text{ sx} \times 1.15 \times 4.794) = 110'$
 TOC @ SFC \checkmark O.K.
 outside: $(15 \text{ sx} \times 1.15 \times 5.995) = 103'$
 TOC @ SFC \checkmark O.K.

Plug # 5
 $(20 \text{ sx} \times 1.15 \times 4.794) = 110'$
 TOC @ 815' \checkmark O.K.

Cement Information

String	BOC (ft sub)	TOC (ft sub)	Class	Sacks
PROD	11255	870	HS	390
SURF	868	0	G	467

⊕ Add Plug # 3A

* Spot 100' plug across BMSW
 From 3150' - 3250'
 $100' / (1.15 \times 0.2085) = 18 \text{ sx Reg}$
 TOC @ 3150'

Plug # 4
 $(20 \text{ sx} \times 1.15 \times 4.794) = 110'$
 TOC @ 2225' \checkmark O.K.

Perforation Information

Top (ft sub)	Bottom (ft sub)	Shts/Ft	No Shts	Dt Squeeze
10876	11226			
6454	6637			
8795	8995			
10460	10470			
5739	6146			

Plug # 3
 $(20 \text{ sx} \times 1.15 \times 4.794) = 110'$
 TOC @ 5600' \checkmark O.K.

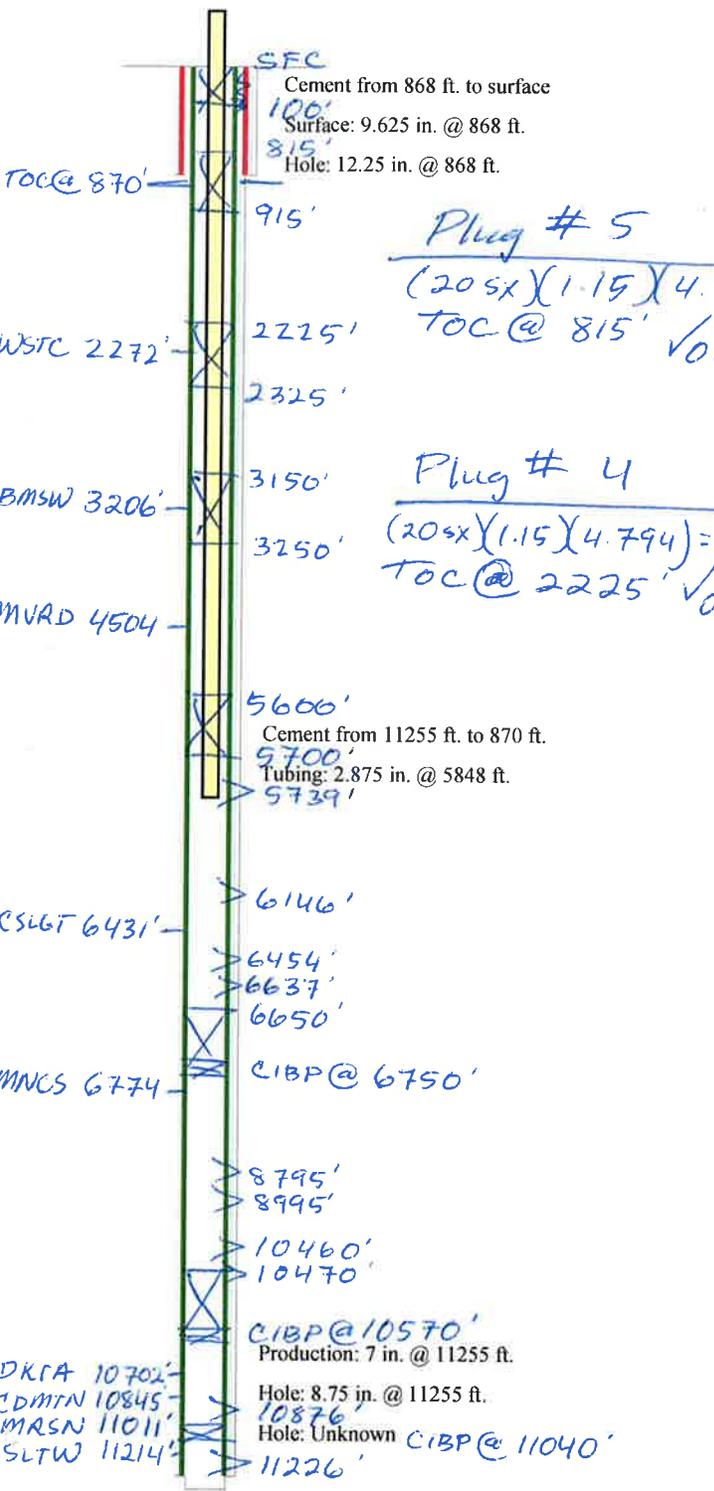
Formation Information

Formation	Depth
WSTC	2272
BMSW	3026
MVRD	4504
CSLGT	6431
MNCS	6774
DKTA	10702
CDMTN	10845
MRSN	11011
SLTW	11214

Plug # 2
 $(20 \text{ sx} \times 1.15 \times 4.794) = 110'$
 TOC @ 6650' \checkmark O.K.

Plug # 1

$(20 \text{ sx} \times 1.15 \times 4.794) = 110'$
 TOC @ 10470' \checkmark O.K.



TD: 11358 TVD: 11314 PBD: 11358

Chimney Rock No. 32-11
 API No. 4304733445
 Section 32, T13S, R21E
 Uintah County, Utah

Whiting Oil and Gas respectfully requests approval to plug and abandon the Chimney Rock No. 32-11 well. The well is currently shut-in.	
1.	Advise the Utah DOGM 48 hours before plugging operations commence.
2.	TOH with the production equipment.
3.	Drill out the cement retainer at 6602' and cast iron bridge plugs at 6730', 8920', and 9100'. Displace the hole with clean, heavy produced water or 9.0 ppg mud.
4.	Spot a 20 sack Class "G" balanced cement plug from approximately 10570' to 10470'.
5.	Set a cast iron bridge plug at 6750'. Spot a 20 sack Class "G" balanced cement plug from approximately 6750' to 6650' (Mancos formation).
6.	Set a cast iron bridge plug at 5700'. Spot a 20 sack Class "G" balanced cement plug from approximately 5700' to 5600' (Mesaverde formation).
7.	Spot a 20 sack Class "G" balanced cement plug from approximately 2325' to 2225' (Wasatch formation top).
8.	Spot a 20 sack Class "G" balanced cement plug from approximately 915' to 815'. (Base of surface casing)
9.	Spot a 20 sack Class "G" balanced cement plug from approximately 100' to 0'. Fill the 7" – 9 5/8" annulus with 15 sacks Class "G" cement plug.
10.	Cut and remove the casing head. Install a regulation dry hole marker.
11.	Clean and restore the location, weather permitting.

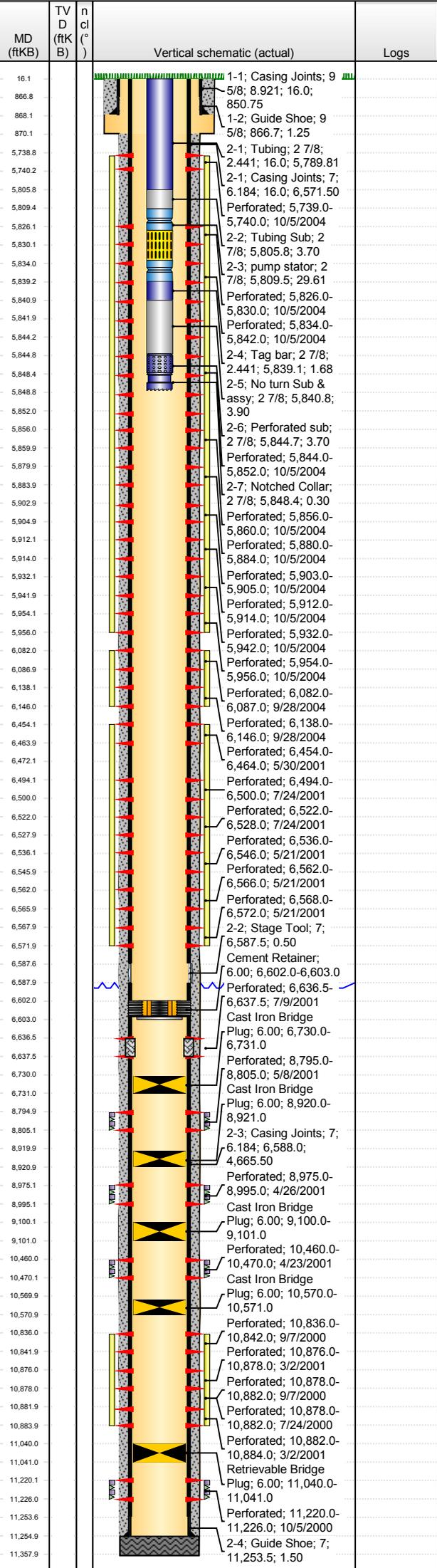


Lease Review All CR
Well Name: **CHIMNEY ROCK 32-11**

API Number 4304733445	WPC ID 1UT027800	Well Permit Number	Field Name Seep Ridge B	County Uintah	State UT
Well Configuration Type Vertical	Orig KB Elv (ft) 6,592.00	Ground Elevation (ft) 6,576.00	Casing Flange Elevation (ft)	Tubing Head Elevation (ft)	Total Depth (ftKB) 11,358.0
Original Spud Date 4/7/2000	Completion Date 1/5/2002	Asset Group Central Rockies Asset Group	Responsible Engineer Jared Huckabee	N/S Dist (ft) 2,116.0	N/S Ref FSL
				E/W Dist (ft) 2,081.0	E/W Ref FWL
Lot	Quarter 1 NE	Quarter 2 SW	Quarter 3	Quarter 4	Section 32
			Section Suffix	Section Type	Township 13 S
					Township N/S Dir S
					Range 21
					Range E/W Dir E
					Meridian

Vertical - Original Hole, 7/22/2014 5:04:46 PM

Tubing set at 5,848.7ftKB on 9/28/2004 06:00



Set Depth (ftKB) 5,848.7	Comment	Run Date 9/28/2004	Pull Date					
Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	2 7/8	2.441	6.50	N-80	181	5,789.81	16.0	5,805.8
Tubing Sub	2 7/8				1	3.70	5,805.8	5,809.5
pump stator	2 7/8				1	29.61	5,809.5	5,839.1
Tag bar	2 7/8	2.441	6.50	N-80	1	1.68	5,839.1	5,840.8
No turn Sub & assy	2 7/8				1	3.90	5,840.8	5,844.7
Perforated sub	2 7/8				1	3.70	5,844.7	5,848.4
Notched Collar	2 7/8				1	0.30	5,848.4	5,848.7

Rod Strings

D Rod on 1/6/2005 06:00

Rod Description D Rod	Run Date 1/6/2005	Pull Date 2/21/2011						
Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Polished Rod	1				1	22.00	16.0	38.0
Pony Rod	1				1	2.00	38.0	40.0
Sucker Rod	1	2.90	D		232	5,766.30	40.0	5,806.3
Rod Pump	1				1	28.66	5,806.3	5,835.0

Other Strings

Set Depth (ftKB)	Comment	Run Date	Pull Date		
Item Des	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)

Other In Hole

Des	OD (in)	ID (in)	Run Date	Pull Date	Top (ftKB)	Btm (ftKB)
Comp BP	5.999		9/28/2004	10/8/2004	6,400.0	6,401.0
Cast Iron Bridge Plug	5.999		5/30/2001	6/2/2001	6,505.0	6,506.0
Cement Retainer	5.999		7/9/2001		6,602.0	6,603.0
Cast Iron Bridge Plug	5.999		5/21/2001		6,730.0	6,731.0
Cast Iron Bridge Plug	5.999		5/8/2001		8,920.0	8,921.0
Cast Iron Bridge Plug	5.999		4/26/2001		9,100.0	9,101.0
Cast Iron Bridge Plug	5.999		4/23/2001		10,570.0	10,571.0
Packer	5.999		9/8/2000	10/4/2000	10,800.0	10,810.0
Retrievable Bridge Plug	5.999		9/7/2000	10/4/2000	10,866.0	10,867.0
Retrievable Bridge Plug	5.999		3/2/2001		11,040.0	11,041.0

Bottom Hole Cores

Date	Core #	Top (ftKB)	Btm (ftKB)	Recov (ft)
------	--------	------------	------------	------------

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-47437			
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:			
		7. UNIT or CA AGREEMENT NAME:			
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: CHIMNEY ROCK 32-11				
2. NAME OF OPERATOR: WHITING OIL & GAS CORPORATION	9. API NUMBER: 43047334450000				
3. ADDRESS OF OPERATOR: 1700 Broadway, Suite 2300 , Denver, CO, 80290 2300	PHONE NUMBER: 303 390-4095 Ext	9. FIELD and POOL or WILDCAT: SEEP RIDGE B (DKTA)			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2116 FSL 2081 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 32 Township: 13.0S Range: 21.0E Meridian: S	COUNTY: UINTAH				
	STATE: UTAH				
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA					
TYPE OF SUBMISSION	TYPE OF ACTION				
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/7/2015 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input checked="" type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.					
<p>Whiting Oil and Gas Corporation has P&A'd the subject well as follows:</p> <p>1. Fished production equipment from well. 2. Drilled out composite bridge plugs @ 6353' & 6407', and cleaned out to CICR @ 6602'. 3. Round trip bit and scraper to 6602'. 4. Set CICR @ 6400' and squeezed with 50 sacks below, leaving 10 sacks on top. Total 60 sacks. 5. Set CICR @ 5700' and squeezed with 50 sacks below, leaving 10 sacks on top. Total 60 sacks. 6. Pressure tested csg to 1000 psi, held. 7. Balanced 20 sack cement plug from 3140-3250'. 8. Balanced 20 sack cement plug from 2215-2325'. 9. Balanced 20 sack cement plug from 805-915'. 10. Perforated 123-125' GL. 11. Circulate through perms 123-125' GL with 60 sacks cement. Had cement to surface inside and outside 7" csg. 12. Cut off wellhead and welded on dry hole marker 1' below ground level. See attached cement tickets for details.</p>					
NAME (PLEASE PRINT) Cara Mezydlo		PHONE NUMBER 303 876-7091			
SIGNATURE N/A		TITLE Engineering Technician			
DATE 1/16/2015					

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
January 20, 2015**



Job Summary

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

Well Name: CHIMNEY ROCK 32-11

Plug & Abandon
Job Started on 11/7/2014

WPC ID 1UT027800	API Number 4304733445	Field Name Seep Ridge B	County Uintah	State UT	Operator WOGC	Gr Elev (ft) 6,576.00	Orig KB El... 6,592.00
AFE Number 14-2147		Total AFE Amount (Cost) 165,000.00		Supp Amt (Cost)		Total AFE + Supp Amount (Cost) 165,000.00	
Job Category Plug & Abandon		Job Type Plug & Abandon		Working Interest (%) 85.50		Total Fid Est (Cost) 201,829.00	
				Start Date 11/7/2014		End Date	

Daily Operation Reports (6am to 6am)

Job Day (days)	Rpt #	Start Date	End Date	Summary
1.0	1.0	11/7/2014	11/8/2014	SICP = 1020 psi, SITP = 110 psi. MI support equipment, RU well service rig. Bled off well to flowback tank (dry gas only no fluid) removed production tree and PU on TBG string to check for TAC string weight 65K just out of wellhead string weight fell off to 32K felt like TBG parted, installed Weatherford 7 1/16" 5K BOP. Changed out pipe rams and handling equipment Tallied out of hole with 134 JTS, found bad pitting in TBG string, laid down 12 JTS TBG last jt parted near bottom of JT 146. POOH with total of 4,674.44' of TBG, part @ 4690' KB. Shut in CSO blind rams secured wellhead valves and SDFN.
2.0	2.0	11/8/2014	11/9/2014	SICP = 50psi. Bled off CSG to flowback tank (dry gas no fluid), tallied and RIH with 5-3/4" X 2-7/8" EUE series 150 overshot w/3' EXT loaded with 3-21/32" basket grapple and collar stop, 2-7/8" 6.5 # N -80 pup JT and 146 JTS 2-7/8" 6.5# N-80 TBG. Tagged fish top @ 4690' rotated over fish and slacked off 2' to 4692' engaged fish with grapple and worked TBG string from 15K down to 30K over pull for 30 minutes. Fish secured in grapple, shut and locked pipe rams, shut in and secured wellhead valves, SDFN. Waiting on wireline to log and free point TBG.
5.0	3.0	11/11/2014	11/12/2014	SICP = 10 psi. Blew down well to flowback tank (no fluid dry gas only). Rigged up Rocky Mountain Wireline Service, RIH with 1-11/16" Free point tool with collar locator. Located TOF @ 4685' WL depth, passed thru fish top with no issues, moved up hole and calibrated free point tool @ 4650' (100% free). Continue in hole to log EOT looking for TAC or other anchor devices. Found EOT @ 5635' WL depth only noticed one possible anchor point @ 5633-35' with no TBG below. Continued down hole and located three CSG collars. Stacked out with wireline @ 5770' WL depth. Pulled up into TBG and free pointed @ 5604' (70% free), 5620' (68% free), POOH with wireline and notified Jared Huckabee. Decision was made to cut TBG @ 5625' RIH with 2-1/8" Chemical Cutter. Tried to cut TBG, but cutter malfunctioned. POOH with wireline found defective Chemical Cylinder. Replaced Cutter Head and Chemical Cylinders, RIH wireline P/U on TBG 20K over string weight. Correlated to depth and cut TBG @ 5625'. TBG string did not jump but could see definite cut in TBG with CCL. POOH with wireline worked TBG string few times to finish separating cut. RD and released wireline. POOH with 12 JTS 2-7/8" 6.5# N-80 TBG (work string) laid down 134 JTS TBG (production string), 2 7/8" N-80 pup JT, 5 3/4" x 2 7/8" series 150 overshot, 28 JTS and 22.28' piece of 2-7/8" 6.5# N-80 TBG (937' of fish) new fishtop @ 5627' shut and locked CSO blind rams secured wellhead valves and SDFN.
6.0	4.0	11/12/2014	11/13/2014	SICP = 10 psi. Bled off well to flowback tank (dry gas no fluid) Tallied and RIH with attached Fishing BHA 2 and 173 JTS 2-7/8" 6.5# N-80 TBG, tagged fishtop @ 5627' slacked off to 5632' engaged fish, pulled 4-5K over string tried to release (TAC?) several times while working TBG string from neutral to 10K over string weight no luck. Tried pulling 50K over to shear pins no luck. Hooked up pump lines and started pumping down CSG caught circulation @ 70BBL circulated well @ 3BBL/min for 30 minutes (no fluid loss) returns looked clean tried again to release (TAC?) no luck, pipe would spin but would pull over when picked up on TBG string and would stack out when lowered TBG string. Pulled 50K over string weight one last time felt like grapple slipping on fishtop, string weight still stacking out when lowered. Rotated to the right while pulling up hole to release grapple from fish, POOH with TBG and Fishing BHA 2, found 10.80' piece of TBG inside overshot, with rotten pin end of TBG inside collar on bottom of fish. Shut in Blind rams and secured wellhead valves SDFN.
7.0	5.0	11/13/2014	11/14/2014	SICP = 10 psi. Bled off well to flowback tank (dry gas no fluid) tallied and RIH with attached Fishing BHA 3 and 174 JTS 2 - 7/8" 6.5 #N-80 TBG, tagged @ 5640' picked up power swivel and caught circulation. Washed down 10" in 45 min hard obstruction circulating out metal shavings in returns stopped milling @ 5641' circulated hole clean, racked back swivel and POOH with TBG and Fishing BHA 3. Found 5" OD ring apx 2" long stuck inside mill shoe (possibly from TAC) sent pictures and discussed with Jared Huckabee decision was made to RIH and try washing down past obstruction with mill shoe. Tallied and RIH with attached Fishing BHA 4 and 152 JTS 2 7/8" 6.5# N-80 TBG EOT @ 4947' shut and locked pipe rams shut in well and SDFN.



Job Summary

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Well Name: CHIMNEY ROCK 32-11

Plug & Abandon
Job Started on 11/7/2014

WPC ID 1UT027800	API Number 4304733445	Field Name Seep Ridge B	County Uintah	State UT	Operator WOGC	Gr Elev (ft) 6,576.00	Orig KB El... 6,592.00
AFE Number 14-2147		Total AFE Amount (Cost) 165,000.00		Supp Amt (Cost)		Total AFE + Supp Amount (Cost) 165,000.00	AFE-Field Estimate (Cost) -36,829.00
Job Category Plug & Abandon		Job Type Plug & Abandon		Working Interest (%) 85.50	Total Fid Est (Cost) 201,829.00	Start Date 11/7/2014	End Date

Daily Operation Reports (6am to 6am)

Job Day (days)	Rpt #	Start Date	End Date	Summary
8.0	6.0	11/14/2014	11/15/2014	SICP = 0 psi. Continued in hole with Fishing BHA 4 and 22 JTS of 2 - 7/8" 6.5# N-80 TBG, picked up power swivel tagged up @ 5641' with 174 JTS of TBG broke circulation and washed down 1'+/- fell thru, chased obstruction down hole tagged up end of shoe @ 5779' with 178 JTS. 7' of swallow with shoe and wash pipe pup jt puts drive sub @ 5772' apx depth of wireline tag from 11-11-14 shut down pump and set down on obstruction three times with 10k string weight to try wedge obstruction inside shoe. Racked out power swivel and POOH with Fishing BHA 4, found wear marks up inside shoe about 1' nothing stuck in shoe called and discussed options with Jared Huckabee. Decision was made to RIH and try fishing (TAC?) by internally catching with releasing spear. Tallied and RIH with attached Fishing BHA 5 and 174 JTS TBG, tagged Fish top @ 5779' rotated into fishtop with spear and slacked off to 5781' rotated TBG to left 1 round with pipe wrenches to snug grapple picked up on tbg string and feels like have something attached to spear, POOH with 3 JTS TBG pulling over and having to work thru CSG collars EOT @ 5707' with 171 JTS shut and locked pipe rams, secured wellhead valves and SDFN.
9.0	7.0	11/15/2014	11/16/2014	SICP 0 = psi. Continued to POOH with 171 JTS 2-7/8" 6.5# N-80 TBG and Fishing BHA 5. Had to work fish back thru many CSG collars on way out of hole, found TAC attached to spear. Sent pictures and discussed options with Jared Huckabee. Decision was made to RIH with Skirted Mill and dress fish top. RIH with attached Fishing BHA 6 and 174 JTS 2-7/8" 6.5# N-80 TBG, tagged fish top @ 5780.5' picked up power swivel and broke circulation. Rotated over fish top and slacked off to 5781.5' washed down to 5786' top of fish should be @ 5784'. Circulated hole clean, racked out power swivel and POOH with 4 JTS 2-7/8" 6.5# N-80 TBG EOT @ 5610' with 168 JTS shut and locked pipe rams secured wellhead valves and SDFN.
10.0	8.0	11/16/2014	11/17/2014	SICP 0 = psi. Continue POOH with another 168 JTS 2-7/8" 6.5# N-80 TBG and Fishing BHA 6. Mill showed definite wear marks from fish top. RIH with attached Fishing BHA 7 and 178 JTS 2 7/8" 6.5# N-80 TBG, tagged fish top @ 5785', slacked off to 5787' latched onto fishtop, PU on TBG string fish is stuck. Worked TBG to 35K over string weight no luck still stuck. Hooked up pump lines and broke circulation with 30 BBL circulated well while working TBG to 35K over string weight no luck fish still stuck. Shut and locked pipe rams secured wellhead valves and SDFN. Wireline will free point in the AM.
11.0	9.0	11/17/2014	11/18/2014	SICP 0 = psi. Rigged up Wireline truck, RIH with attached "Wireline Free Point BHA 2" located top of fish @ 5782' WL depth, could not get thru fish top with wireline, POOH with Wireline BHA. Discussed options with Jared Huckabee, POOH rigged down wireline and worked TBG string to 40-45K over string weight while drop catching, fish pulled free and we gained 3.5K string weight POOH with 178 JTS 2 7/8" 6.5# N-80 TBG and fishing BHA 7, laid down 16 JTS 2-7/8" 6.5# N-80 TBG, 2-7/8" SN, 1 JT 2-7/8" 6.5# N-80 TBG and 1 2-7/8" NC (554' of fish). "Production string detail pulled out of well is listed in attached. Production Tally tab". Loaded out and released fishing tools. Tallied and RIH with attached Clean out BHA and 195 JTS 2-7/8" 6.5# N-80 TBG tagged @ 6320' POOH with 21 JTS EOT @ 5658' shut and locked pipe rams, secured wellhead valve and SDFN.
12.0	10.0	11/18/2014	11/19/2014	SICP 0 = psi. RIH with 21 JTS 2-7/8" 6.5# N-80 TBG, picked up power swivel and broke circulation tagged @ 6320' cleaned out 33' of sand tagged composite BP @ 6353' w/196 JTS, drilled down 1' & BHA plugged swapped hoses and tried to pump out debris no luck. Racked out power swivel and POOH with 196 JTS and BHA found that scraper was plugged with composite plug parts and sand. Removed scraper, cleaned out bit sub and bit. RIH with attached Clean out BHA 2 and 196 JTS TBG picked up power swivel broke circulation, circulated clean and continued to drill down thru composite BP @ 6354' pushed down hole and drilled thru @ 6359' no change in circulating pressure fluid loss rate 5%, getting back a lot of sand in returns, washed down and tagged CP @ 6407' drilled thru @ 6408' lost circulation for 25BBL slowly started building returns current fluid loss rate 35% continued washing down to 6437' circulated clean, racked out power swivel and POOH with 22 JTS TBG EOT @ 5720' with 176 JTS shut and locked pipe rams secured wellhead valves and SDFN.
13.0	11.0	11/19/2014	11/20/2014	SICP 0 = psi. RIH with 22 JTS 2-7/8" 6.5# N-80 TBG, Picked up power swivel and broke circulation, fluid loss rate 35-40% Washed down 6 JTS TBG tagged CR @ 6602' circulated hole clean, racked out power swivel and POOH with 204 JTS TBG and attached clean out BHA 2. RIH with attached Clean out BHA 1 and 203 JTS TBG tagged CR @ 6602', laid down 6 JTS TBG POOH with another 197 JTS TBG laid down BHA. Tallied and RIH with 7" CICR and 197 JTS of 2-7/8" N-80 TBG set CR @ 6400' stung back into retainer set down 10K string weight shut and locked pipe rams secured wellhead valves and SDFN.



Job Summary

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Well Name: CHIMNEY ROCK 32-11

Plug & Abandon
Job Started on 11/7/2014

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AFE Number 14-2147		Total AFE Amount (Cost) 165,000.00		Supp Amt (Cost)		Total AFE + Supp Amount (Cost) 165,000.00	
						AFE-Field Estimate (Cost) -36,829.00	
Job Category Plug & Abandon		Job Type Plug & Abandon		Working Interest (%) 85.50		Total Fid Est (Cost) 201,829.00	
						Start Date 11/7/2014	
						End Date	

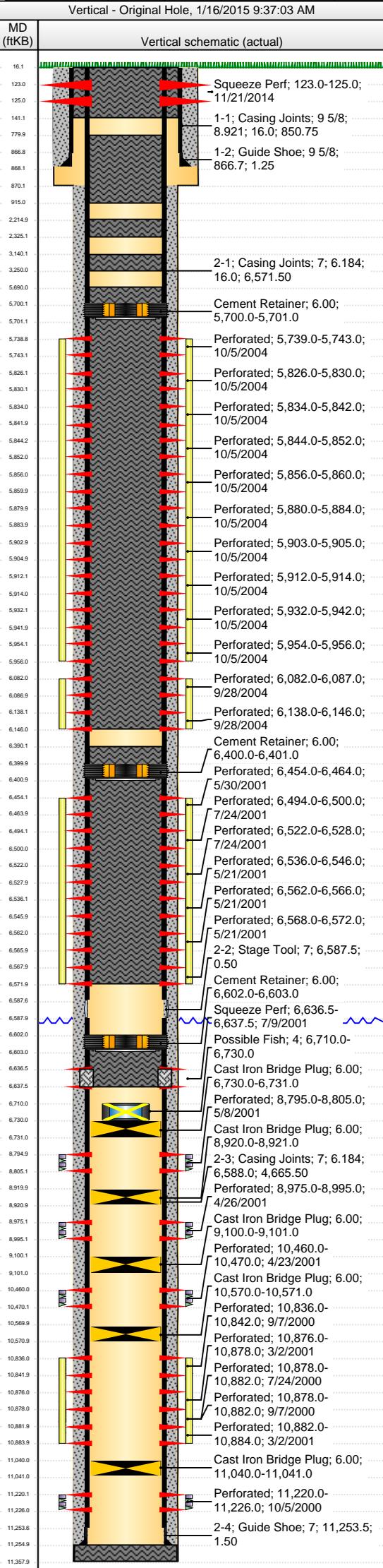
Daily Operation Reports (6am to 6am)

Job Day (days)	Rpt #	Start Date	End Date	Summary
14.0	12.0	11/20/2014	11/21/2014	SICP = 0 psi. Mixed 300 bbl fresh water with 55 gal WSCR-202 corrosion inhibitor and 15 gal Dantogard-2000 Biocide, rolled frac (T-mac) tank 30 minutes with rig pump to stir. Rigged up Pro-Petro cement trucks, held safety meeting, pressure tested pump iron to 2000 psi. Start (T-mac) to get injection rate 2.5 bbl/min @ 70 psi, caught pressure with 10 bbl, pumped another 10 bbl injection rate 2.6 bbl/min @ 700 psi. Pumped 2 bbl fresh water followed by 60 sx 12.2 bbl class G cement slurry 1.15 Yield (mixed with .2% CR 180 and .2% CFL 115), displaced with 2 bbl fresh water and 33 bbl T-mac. Stung out @ 1300 psi and laid down 3 JTS TBG (EOT @ 6306'), reverse circulate TBG clean with 85 BBL T-mac, had +/- 3/4 bbl cement return to tank CSG was underbalanced. Laid down 19 JTS TBG, POOH with another 175 JTS TBG and laid down mechanical setting tool. RIH with CICR #2, 175 JTS TBG and 2 7/8" 6.5# N-80 pup JT. Set CICR @ 5700' set down 10K string weight. Start T-mac to get injection rate, caught pressure @ 3 bbl injection rate 1 bbl/min @ 1000 psi. Pumped 2 bbl fresh water, 60 sx 12.2 bbl class G cement slurry 1.15 yield (mixed with .2% CR 180 and .2% CFL 115), displaced with 31 bbl fresh water, Stung out @ 1350 psi and laid down 3 JTS TBG EOT @ 5591'. Reversed out with 98 bbl T-mac had +/- 3/4 bbl cement return to tank CSG was underbalanced. Waited 30 minutes, pressure tested CSG to 1000 psi held 10 minutes, pressure test good Laid down 72 JTS TBG and POOH with another 100 JTS. Laid down mechanical setting tool and released tools. Shut and locked blind rams secured wellhead valves and SDFN. UDOGM rep Richard Powell arrived on location for squeeze on CICR # 2 and pressure test.
15.0	13.0	11/21/2014	11/22/2014	SICP = 0 psi. RIH with 100 JTS 2-7/8" 6.5# N-80 TBG and 2-7/8" 6.5# N-80 pup JT EOT @ 3250', rigged up Pro Petro cementers filled hole with 6 BBL T-mac, Pumped 5 BBL fresh water, 20 sx 4.1 BBL 15.8 # class G cement 1.15 yield Disp. w/ 1 BBL fresh and 17.1 BBL T-mac places balance plug from 3140'-3250'. Laid down 28 JTS TBG EOT @ 2325' pumped 2 BBL T-mac to fill CSG pumped 5 BBL fresh water, 20 sx 4.1 BBL 15.8 # class G cement 1.15 yield, Disp w/ 1 BBL fresh water and 11.8 BBL T-mac. Places balance plug from 2215'-2325' Laid down 44 JTS TBG PU 2-7/8" 6.5# N-80 pup JT EOT @ 915' pumped 3 BBL T-mac to fill CSG, pumped 5 BBL fresh water, 20 sx 4.1 BBL 15.8# class G cement 1.15 yield Disp w/ 1 BBL fresh water and 3.6 BBL T-mac. Places balance plug from 805'-915'. Laid down 28 JTS TBG Rigged up Rocky Mountain Wireline zero @ GL RIH with 2' x 4" OD perforating gun eight shots per foot with .50 entry hole. Tagged balance plug @ 780' PU hole shot perforations from 123-125' GL. POOH rigged down wireline, pumped 25 BBL T-mac caught circulation, pumped 60 sx 12.3 bbl 15.8# class G cement 1.15 yield returned 3 BBL cement back to surface. Removed BOPE TOC @ 6' installed production tree, racked out pipe on side of location SDFN. UDOGM rep Chris Jensen arrived on location for balance plug @ 915' and perforate/circulate to surface.
27.0	14.0	12/3/2014	12/4/2014	SICP = 0 psi. RD service unit, racked out support equipment and moved off location. 356 JTS good 2 7/8" 6.5# N-80 TBG work string left on racks 192 JTS Bad 2 7/8" 6.5# N-80 TBG left on ground
61.0	15.0	1/6/2015	1/7/2015	SICP = 0 psi. Transported backhoe to location, excavated around wellhead and removed cellar ring. Cut thru 9-5/8" and 7" CSG removed wellhead and found cement @ 20' +/- from GL. Ordered cement and will top off, then weld out dry hole marker in the AM.
62.0	16.0	1/7/2015	1/8/2015	SICP = 0 psi. Mixed 16 sacks QuickCrete in backhoe bucket, then filled 7" production CSG and 9-5/8" annulus to surface. Welded on regulation dry hole marker with well info. Top of marker @ 5' +/- above GL, back filled hole, ready for reclamation.



Lease Review All - CR
Well Name: CHIMNEY ROCK 32-11

API Number 4304733445		WPC ID 1UT027800		Well Permit Number		Field Name Seep Ridge B		County Uintah		State UT	
Well Configuration Type Vertical		Orig KB Elv (ft) 6,592.00		Ground Elevation (ft) 6,576.00		Casing Flange Elevation (ft)		Tubing Head Elevation (ft)		Total Depth (ftKB) 11,358.0	
Original Spud Date 4/7/2000		Completion Date 1/5/2002		Asset Group Central Rockies		Responsible Engineer Jared Huckabee		N/S Dist (ft) 2,116.0		N/S Ref FSL	
E/W Dist (ft) 2,081.0		E/W Ref FWL		Lot NE		Quarter 1 SW		Quarter 2 SW		Quarter 3 SW	
Quarter 4 SW		Section 32		Section Suffix		Section Type		Township 13 S		Township N/S Dir E	
Range 21		Range E/W Dir E		Meridian							



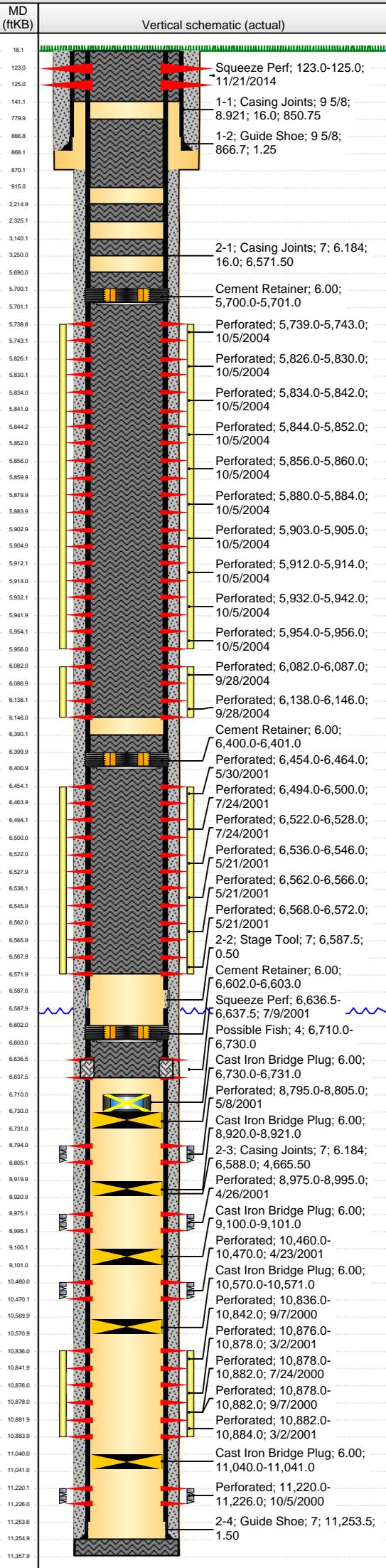
Wellbore Sections							
Section Des	Wellbore Name	Start Date	Size (in)	Act Top (ftKB)	Act Btm (ftKB)		
Surface	Original Hole	4/7/2000	12 1/4	16.0	870.0		
Production	Original Hole	4/8/2000	8 3/4	870.0	11,358.0		
Surface Csg, 868.0ftKB							
OD (in)	ID (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
9 5/8	8.921	36.00	J-55	16.0	866.8	850.75	Casing Joints
9 5/8				866.8	868.0	1.25	Guide Shoe
Production Csg, 11,255.0ftKB							
OD (in)	ID (in)	Wt (lb/ft)	Grade	Top (ftKB)	Btm (ftKB)	Len (ft)	Item Des
7	6.184	29.00	N-80	16.0	6,587.5	6,571.50	Casing Joints
7				6,587.5	6,588.0	0.50	Stage Tool
7	6.184	29.00	N-80	6,588.0	11,253.5	4,665.50	Casing Joints
7				11,253.5	11,255.0	1.50	Guide Shoe
Cement Stages							
Des	Pump Start Date	Drill Out Date	Top (ftKB)	Btm (ftKB)	Top Meas Meth		
Surface Casing Cement	4/8/2000		16.0	868.0			
Production Casing Cement	5/13/2000		870.0	11,255.0			
Cement below shoe	5/13/2000		11,255.0	11,358.0			
Cement Squeeze	7/11/2001		6,636.5	6,637.5			
Cement Squeeze	7/11/2001	7/13/2001	6,454.0	6,637.5			
Cement Plug	11/20/2014		6,390.0	6,572.0	Volume Calculations		
Cement Plug	11/20/2014		5,690.0	6,146.0	Volume Calculations		
Cement Plug	11/21/2014		3,140.0	3,250.0	Volume Calculations		
Cement Plug	11/21/2014		2,215.0	2,325.0	Volume Calculations		
Cement Plug	11/21/2014		780.0	915.0	Wireline Tag		
Cement Plug	11/21/2014		16.0	141.0	Returns to Surface		
Perforations							
Type of Hole	Date	Top (ftKB)	Btm (ftKB)	Zone			
Squeeze Perf	11/21/2014	123.0	125.0				
Perforated	10/5/2004	5,739.0	5,743.0	Mesaverde, Original Hole			
Perforated	10/5/2004	5,826.0	5,830.0	Mesaverde, Original Hole			
Perforated	10/5/2004	5,834.0	5,842.0	Mesaverde, Original Hole			
Perforated	10/5/2004	5,844.0	5,852.0	Mesaverde, Original Hole			
Perforated	10/5/2004	5,856.0	5,860.0	Mesaverde, Original Hole			
Perforated	10/5/2004	5,880.0	5,884.0	Mesaverde, Original Hole			
Perforated	10/5/2004	5,903.0	5,905.0	Mesaverde, Original Hole			
Perforated	10/5/2004	5,912.0	5,914.0	Mesaverde, Original Hole			
Perforated	10/5/2004	5,932.0	5,942.0	Mesaverde, Original Hole			
Perforated	10/5/2004	5,954.0	5,956.0	Mesaverde, Original Hole			
Perforated	9/28/2004	6,082.0	6,087.0	Mesaverde, Original Hole			
Perforated	9/28/2004	6,138.0	6,146.0	Mesaverde, Original Hole			
Perforated	5/30/2001	6,454.0	6,464.0	Castlegate, Original Hole			
Perforated	7/24/2001	6,494.0	6,500.0	Castlegate, Original Hole			
Perforated	7/24/2001	6,522.0	6,528.0	Castlegate, Original Hole			
Perforated	5/21/2001	6,536.0	6,546.0	Castlegate, Original Hole			
Perforated	5/21/2001	6,562.0	6,566.0	Castlegate, Original Hole			
Perforated	5/21/2001	6,568.0	6,572.0	Castlegate, Original Hole			
Squeeze Perf	7/9/2001	6,636.5	6,637.5	Castlegate, Original Hole			
Perforated	5/8/2001	8,795.0	8,805.0	Mancos Shale, Original Hole			
Perforated	4/26/2001	8,975.0	8,995.0	Mancos Shale, Original Hole			
Perforated	4/23/2001	10,460.0	10,470.0	Mancos Shale, Original Hole			
Perforated	9/7/2000	10,836.0	10,842.0	Dakota, Original Hole			
Perforated	3/2/2001	10,876.0	10,878.0	Dakota, Original Hole			
Perforated	7/24/2000	10,878.0	10,882.0	Dakota, Original Hole			
Perforated	9/7/2000	10,878.0	10,882.0	Dakota, Original Hole			
Perforated	3/2/2001	10,882.0	10,884.0	Dakota, Original Hole			
Perforated	10/5/2000	11,220.0	11,226.0	Morrison, Original Hole			
Stim/Treat Stages							
Stage Type	Start Date	Top (ftKB)	Btm (ftKB)	Stim/Treat Fluid	Vol Clean Pump (bb)		
Acid Frac	7/26/2000	10,878.0	10,882.0	12% HCl & 3% HF, Acid	228.00		
Acid Frac	9/14/2000	10,836.0	10,842.0	Acetic & HF, Acid	319.00		
Acid Frac	10/11/2000	11,220.0	11,226.0	HCl-HF-HCl, Acid			
Acidization	3/13/2001	10,836.0	10,884.0	2000gals 7% HCl, 4000gals Coal Stim, Acid			
Frac	3/20/2001	10,836.0	10,884.0	36405# 20/40 snd, Water	863.00		
Acidization	4/24/2001	10,460.0	10,470.0	1000gals 7% HCl, 4000gals Coal Stim, Acid			



Lease Review All - CR
Well Name: CHIMNEY ROCK 32-11

API Number 4304733445	WPC ID 1UT027800	Well Permit Number	Field Name Seep Ridge B	County Uintah	State UT
Well Configuration Type Vertical	Orig KB Elv (ft) 6,592.00	Ground Elevation (ft) 6,576.00	Casing Flange Elevation (ft)	Tubing Head Elevation (ft)	Total Depth (ftKB) 11,358.0
Original Spud Date 4/7/2000	Completion Date 1/5/2002	Asset Group Central Rockies	Responsible Engineer Jared Huckabee	N/S Dist (ft) 2,116.0	N/S Ref FSL
				E/W Dist (ft) 2,081.0	E/W Ref FWL
Lot	Quarter 1 NE	Quarter 2 SW	Quarter 3	Quarter 4	Section 32
			Section Suffix	Section Type	Township 13 S
					Township N/S Dir S
					Range 21
					Range E/W Dir E
					Meridian

Vertical - Original Hole, 1/16/2015 9:37:04 AM



Stim/Treat Stages

Stage Type	Start Date	Top (ftKB)	Btm (ftKB)	Stim/Treat Fluid	Vol Clean Pump (bbl)
Acidization	4/27/2001	8,975.0	8,995.0	1000gals 7% HCl, 4000gals Coal Stim, Acid	
Acidization	5/14/2001	8,795.0	8,805.0	1000gals meth, 1000gals Coal Stim, Water	
Acidization	5/23/2001	6,536.0	6,572.0	2000gals 15% HCl, Acid	
Acidization	5/30/2001	6,454.0	6,464.0	1000gals 15% HCl, 4000gals Coal Stim, Acid	
Gas Stim	6/2/2001	6,454.0	6,572.0	Hi Energy Gas Stim, Gas	
Frac	6/4/2001	6,454.0	6,572.0	148000# 20/40 snd, Water	1242.00
Frac	9/30/2004	6,082.0	6,146.0	61735# 20/40 snd, Delta Frac 200R	
Frac	10/6/2004	5,739.0	5,956.0	97800# 20/40 snd, Water	1194.00

<des> set at <depth>ftKB on <dtmrun>

Set Depth (ftKB)	Comment	Run Date	Pull Date
------------------	---------	----------	-----------

Item Des	OD (in)	ID (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
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Rod Strings

D Rod on 1/6/2005 06:00

Rod Description: D Rod

Run Date: 1/6/2005, Pull Date: 2/21/2011

Item Des	OD (in)	Grade	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)
Polished Rod	1		1	22.00	16.0	38.0
Pony Rod	1		1	2.00	38.0	40.0
Sucker Rod	1 D		232	5,766.30	40.0	5,806.3
Rod Pump	1		1	28.66	5,806.3	5,835.0

Other Strings

Set Depth (ftKB) Comment Run Date Pull Date

Item Des	OD (in)	ID (in)	Len (ft)	Top (ftKB)	Btm (ftKB)
----------	---------	---------	----------	------------	------------

Other In Hole

Des OD (in) ID (in) Run Date Pull Date Top (ftKB) Btm (ftKB)

Cement Retainer	5.999		11/20/2014		5,700.0	5,701.0
Cement Retainer	5.999		11/19/2014		6,400.0	6,401.0
Cement Retainer	5.999		7/9/2001		6,602.0	6,603.0
Possible Fish	4		5/21/2001		6,710.0	6,730.0
Cast Iron Bridge Plug	5.999		5/21/2001		6,730.0	6,731.0
Cast Iron Bridge Plug	5.999		5/8/2001		8,920.0	8,921.0
Cast Iron Bridge Plug	5.999		4/26/2001		9,100.0	9,101.0
Cast Iron Bridge Plug	5.999		4/23/2001		10,570.0	10,571.0
Cast Iron Bridge Plug	5.999		3/2/2001		11,040.0	11,041.0

Bottom Hole Cores

Date Core # Top (ftKB) Btm (ftKB) Recov (ft)

Date	Core #	Top (ftKB)	Btm (ftKB)	Recov (ft)
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P.O. Box 827 • Vernal, UT 84078
Phone: (435) 789-1735

7413

JOB SUMMARY REPORT

Customer <i>Whiting</i>			Date <i>11-20-14</i>		Ticket Number	
Lease & Well Name <i>Chimney Rock 32-11</i>			Sec.	Twp.	Range	County <i>Uintah</i>
Job Type <i>PTA</i>			Drilling Contractor <i>Red Rock</i>			
Surface CSG Size <i>9 7/8</i>	Wt./Grade <i>36</i>	Thread <i>3rd</i>	Depth From <i>0</i>	To <i>868'</i>		
Inter CSG Size	Wt./Grade	Thread	Depth From	To		
Prod. CSG Size <i>7"</i>	Wt./Grade <i>29</i>	Thread <i>3rd</i>	Depth From <i>0</i>	To <i>+ 6400'</i>		
Liner CSG Size	Wt./Grade	Thread	Depth From	To		
TBG or D.P. Size <i>2 7/8</i>	Wt./Grade <i>6.5</i>	Thread	Depth From <i>0</i>	To <i>6400'</i>		

SKS	Materials Furnished	Slurry Wt. P.P.G.	Slurry Yield FT ³	Water Gal./Sk.
<i>120</i>	<i>100% Cmt, .2% CR 180, .2% CFL 115</i>	<i>15.8</i>	<i>1.15</i>	<i>5</i>
<i>120</i>	<i>100% Cmt, Neat</i>	<i>15.8</i>	<i>1.15</i>	<i>5</i>

Float Equipment

Equipment & Personnel
Matt 1173, Brandon 69, Dave Y 08-03

Notes

#1 Retainer Set @ 6400' / 12.2 bbls Cmt / 50 sks below 10 sks on top

#2 Retainer Set @ 5700' / 12.2 bbls Cmt / 50 sks below 10 sks on top,
Pressure test casing 10 minutes, 1000 psi

#3 EOT. 3250' / 4.1 bbls Cmt / 20 sks Plug Set @ 3250'-3140'

#4 EOT. 2325' / 4.1 bbls Cmt / 20 sks Plug set @ 2325'-2215'

#5 EOT 915' / 4.1 bbls Cmt / 20 sks Plug set @ 915'-805'

#6 Perf @ 125' / ~~9.2~~ 9.2 bbls Cmt to surface / 45 sks



PERFORMANCE PROFESSIONALS™

P.O. Box 827 • Vernal, UT 84078
Phone: (435) 789-1735

NE 8141

Date 11-20, 2014For Whiting
Lease Chimney Rock 32-11 Rig No. Red Rock

JOB LOG

TIME	DESCRIPTION	RATE	PSI	VOLUME
0730	On Location, Rig up, Safety meeting			
828	Pressure test Pump + lines	-	2000	-
830	Start +mac to Get Inj. Rate	2.5	70	0
	Caught Pressure	2.7	550	10
837	End	2.6	700	20
#1	Retainer Set @ 6400'			
857	Start H2O	2.5	120	0
	End			2
858	Start Cmt @ 15.8 ^{lb} /gal	2.5	120	0
	End			12.2
	Start H2O Disp	2.5	70	0
	End			2
	Start +mac Disp	2.5	70	0
916	End / 10 sks left on top of Retainer	1.4	1300	33
	Sting Out / Pull 3 joints			
926	Start +mac to Reverse	3.0	40	0
	Caught Circulation	3.0	350	35
953	End (+/- .75 bbls Cmt Returns)	3.0	300	85
#2	Retainer Set @ 5700'			
1340	Start +mac to Get Inj. Rate	2.6	30	0
	Caught Pressure	1.3	830	3
1348	End	1.0	1000	10
1408	Start H2O	1.5	100	0
	End			2
1408	Start Cmt @ 15.8 ^{lb} /gal	1.2	750	0
	End			12.2
1418	Start H2O Disp	1.8	700	0
1435	End / 10 sks left on top of Retainer	1.9	1350	31
	Sting Out / Pull 3 joints			
	Continue Next Page			

Operator

Mark Martin

Accepted and approved by



P.O. Box 827 • Vernal, UT 84078
Phone: (435) 789-1735

8144

PERFORMANCE PROFESSIONALS™

Date 11/20-21, 2014

For Whiting
Lease Chimney Rock 32-11 Rig No. Red Rock

JOB LOG

TIME	DESCRIPTION	RATE	PSI	VOLUME
1444	Start +mac to Reverse	2.9	0	0
	Caught Circ	2.9	120	8
1509	End (+/- .75 bbls Cmt Returns)	3.7	340	90
1553	Pressure Test Casing / held 10 minutes	—	1000	—
11-21-14/0800	On Location, Rig up, Safety meeting			
# 3	E.O.T. 3250'			
838	Start +mac to fill casing	3.0	150	0
	End (6 bbls to get circ)	2.8	180	7
845	Start H2O	2.9	180	0
	End			5
	Start Cmt @ 15.8 ¹ / ₄ gal	2.9	200	0
	End			4.1
	Start H2O Disp	2.9	60	0
	End			1
	Start +mac Disp	2.9	60	0
852	End	3.9	230	17.1
# 4	E.O.T. 2325'			
924	Start +mac to fill casing	2.3	60	0
	End (1.5 bbls to get circ)			2
927	Start H2O	2.3	60	0
	End			5
929	Start Cmt @ 15.8 ¹ / ₄ gal	2.7	140	0
	End			4.1
	Start H2O Disp	2.6	50	0
	End			1
	Start +mac Disp	2.6	50	0
934	End	3.8	160	11.8
	Continue Next Page			

Operator Matt Martin Accepted and approved by _____

PROPETRO

P.O. Box 827 • Vernal, UT 84078
Phone: (435) 789-1735

NR 8847

Date 11-20, 20 14

For Whiting Address _____

Lease Chimney Rock 32-11 Rig No. Red Rock

DESCRIPTION	UNIT		AMOUNT			
mileage Pump truck	150	mi	6	05	907	50
mileage crew truck	300	mi	3	70	1110	-
Pump Charge 11-20-14 6400'	1	ea			6573	-
Pump Charge 11-21-14 3250'	1	ea			4898	-
Additional hours	6	hrs	722	00	4332	-
Premium Class G Cement	240	skt	30	00	7200	-
CFL-115	24	lbs	21	50	516	-
CR-180	24	lbs	5	20	124	80
Sugar	100	lbs	3	00	300	-
Blending	240	ft ³	3	45	828	-
Delivery 22,560 lbs	846	ft ³ /mi	2	15	1818	90
AFE # 14-2147						
Subtotal					28608	20
Less Discount					8582	46
Total					20025	74
Tax						
TOTAL INVOICE						

Operator Matt Martens Accepted and approved by [Signature] 11-21-14

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: PHONE NUMBER:
PO Box 8206 Wichita Falls TX 76307-8206 (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.

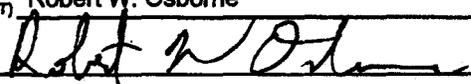
Effective August 1, 2015, Whiting Oil & Gas Corporation resigned as Operator of the wells listed on the attached Exhibit, and Cobra Oil & Gas Corporation has been designated as successor Operator.

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: Rachel Medina

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

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*



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 you 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 32-11 32130S 210E4304733445

UTE TRIBAL 32-11A 32140S 200E4304733621

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

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

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)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5.LEASE DESIGNATION AND SERIAL NUMBER: ML-47437
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: CHIMNEY ROCK 32-11
2. NAME OF OPERATOR: COBRA OIL & GAS CORP	9. API NUMBER: 43047334450000
3. ADDRESS OF OPERATOR: PO BOX 8206 , Wichita Falls, TX, 76307	PHONE NUMBER: 940 716-5100 Ext
9. FIELD and POOL or WILDCAT: SEEP RIDGE B (DKTA)	4. LOCATION OF WELL FOOTAGES AT SURFACE: 2116 FSL 2081 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 32 Township: 13.0S Range: 21.0E Meridian: S
	COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/5/2016	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input checked="" type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Cobra completed final reclamation of the Chimney Rock 32-11.
 Attached is the final reclamation plan that was submitted to the State Land Board as well as the approved seed mix.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 February 02, 2017

NAME (PLEASE PRINT) Edward T. Winters	PHONE NUMBER 970-319-0498	TITLE EHS Coordinator
SIGNATURE N/A	DATE 2/1/2017	

**Cobra Oil & Gas Corporation
Final Reclamation Plan
Chimney Rock 32-11**

Cobra Oil & Gas Corporation (COG) is proposing the following final reclamation plan for the Chimney Rock 32-11. The scope of this plan is to establish as near native vegetation, topographical and aesthetic aspects. It is our goal to manage and return operated lands to an acceptable state. Cultural, visual and wildlife resources are important parameters that we will consider in all reclamation activity.

WASTE MANAGEMENT

The location has been fully delineated and determined to be free of any contamination from oil and gas drilling and/or production activity. The area of the drilling pit has been investigated and found to be free of any exploration and production waste. The location is free of unused equipment, trash and surface staining.

During reclamation work activity;

- All refuse will be hauled from location daily.
- Portable restroom facilities will be provided.
- Spills from equipment during operation will be addressed and mitigated for at the time of the event.
- Site will be inspected daily for any surface staining and addressed and mitigated for.

OPERATIONAL PRACTICES

Cobra will conduct all work activity in a manner to minimize impact to the existing environment. In order to do this, COG will use the following best management practices.

- Work crews will not harass wildlife.
- Staging areas will be limited to existing disturbed areas. If at all possible, existing locations will be utilized for equipment loading and unloading, equipment fueling and parking.
- Work activity will be during daylight hours only unless pre-authorization has been given by to deviate from daylight hours.

SITE PREPARATION

Whiting Oil and Gas completed well abandonment activity in January 2015. The wellhead has been removed, a cement plug placed and a dry hole marker with a plate has been placed 4' below surface grade and buried in accordance to abandonment rules from BLM Onshore Order #2 and the State of Utah. The location was never placed into a production status. Flow and dump lines were not installed at this location.

Because of the current above satisfactory state of vegetation establishment and surface stability, the desire is to minimize additional surface impacts. The existing pad location serves as habitat for wildlife in the area. Topsoil that was stripped and stockpiled on the location will be redistributed across areas of re-contour. The pad fill slope and cut slope will be distressed and covered with topsoil. Portions of the pad location that are currently covered with desirable vegetation and that meet post development contour will be avoided as much as practicable. Cobra will not clear grass and brush vegetation from those areas as maintaining surface cover and seed inventory in the soil will aid its reclamation success in 2016.

SURFACE RECONSTRUCTION AND STABILIZATION

This location is in a relatively flat topography area. There are cut slopes that were created during site construction for drilling activity. Cobra will utilize the following procedure to ensure reclamation and stability success:

- Cut slopes will be distressed to a moderate slope
- The perimeter berm will be rounded and blended to reflect a more natural condition.
- Areas that already demonstrate significant plant species growth will be preserved as practicable.
- New slopes will be covered with erosional control devices. These device may include, but not limited to:
 - Erosion control blankets
 - Mulch crimping
 - Hydro-mulching
- Run-on of storm water will be managed to minimize erosion across location.
- Run-off of storm water will be directed to vegetated areas.
- Access road will be scarified to break surface compaction and blended into adjoining topography.

PLANT COMMUNITY

Final reclamation will be geared to the establishment of as many native plant species as possible. The original disturbance area has significant encroachment of native shrub species. The area demonstrates good establishment of sagebrush (*Artemisia spp*) and rabbitbrush (*Chrysothamnus spp.*). Grasses were present and in excellent density but unable to field identify as the florets had already been removed from grazing predation.

Dominate invasive species observed were Canadian Thistle (*Cirsium arvense*), Halogeton (*Halogeton*) and Downey Brome (*Bromus tectorum*). Areas of heavy infestation will be mechanically treated and then surveyed for herbicidal treatment in 2016 at emergence.

Cobra will seed all reclaimed areas with a mixture of cool and warm season native grasses. The seed mixture will not include shrub species as presumably the surrounding soil profile already has an inventory of native seed as establishment of shrub species from native site seed will have greater success. The composition of the seed mix (as supply of seed allows) will be as follows:

Warm Season Grasses

- Blue grama (*Bouteloua gracillis*)
- Side oats grama (*Bouteloua curtipendula*)
- Galleta (*Hilaria jamesii*)
- Saltgrass (*Distichlis spicata*)

Cool Season Grasses

- Great basin wildrye (*Elymus cinereus*)
- Western wheatgrass (*Elymus smithii*)
- Indian ricegrass (*Stipa hymenoides*)
- Needle and thread grass (*Stipa comata*)

The seed mix will be in equal proportions for all grass species.

WEED MANAGEMENT

Cobra will follow existing operating practices for weed control. Cobra understands the concerns of the Ute Tribe with the increasing establishment of invasive plant species. Improper weed management promotes the loss of desirable plant species that then directly diminish suitable habitat for wildlife.

On the reclaimed surfaces, COG will use the following methods for weed control. Cobra will utilize the process that will provide the greatest success. Methods will include:

- Spaying of herbicides under an approved Pesticide use Proposal (PUP)
- Mechanical treatment

Cobra will inventory the reclaimed areas in spring as soon as plant emergence occurs and plant identification can be done. All areas will be mapped and tracked as to determine if invasive plant species are proliferating. Application of chemical treatment will be timed with maximum plant growth as to allow for greatest translocation of herbicides to the plant root. If timing does not allow for chemical treatment, COG will utilize mechanical controls until application of chemicals is allowable. Re-seeding of areas where weed control has occurred will be done as well.

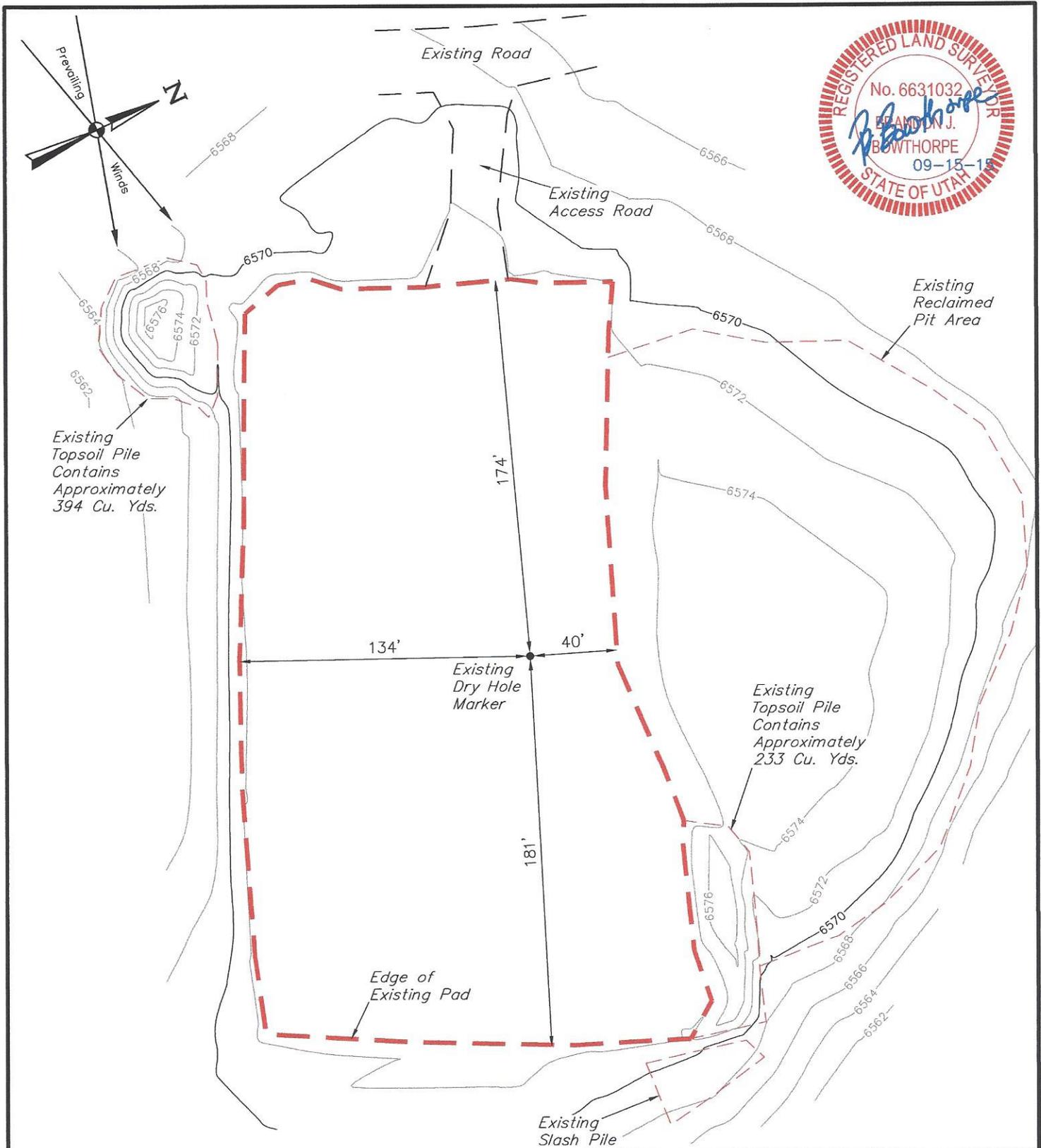
MONITORING

Reclamation monitoring will be used to determine success and therefore allow for the termination of any/all reclamation bonds for the given location. The monitoring protocol of the reclaimed areas will consist of the following:

- Qualitative data collection of reclaimed lands following the 2nd growing season. Data collection will continue annually until 75% basal cover has been met.
- Photographs of reclaimed lands will be taken when work has been completed and then each subsequent year when monitoring data is collected.
- An undisturbed reference site will be selected in the vicinity of each reclaimed location, photographed and catalogued.
- The perimeter of the original disturbance boundary and reclaimed areas will be monitored for any soil erosion that occurs. If erosion is observed, COG will utilize industry best management practices for erosion control.
- Observation of wildlife impacts will be documented and if wildlife are proving to be hindering reclamation success, COG will discuss remedial action with the Ute Tribe on best management practices.
- Weed populations will be inventoried as present or not present and managed under the Weed Management section of this plan.

TERMINATION OF THIS ACTION

Upon determination of reclamation success from the prescribed matrices identified, COG will submit to the State of Utah a request with supporting documentation to relinquish the affected location(s) from further reclamation stipulation.



NOTES:
 • Contours shown at 2' intervals.

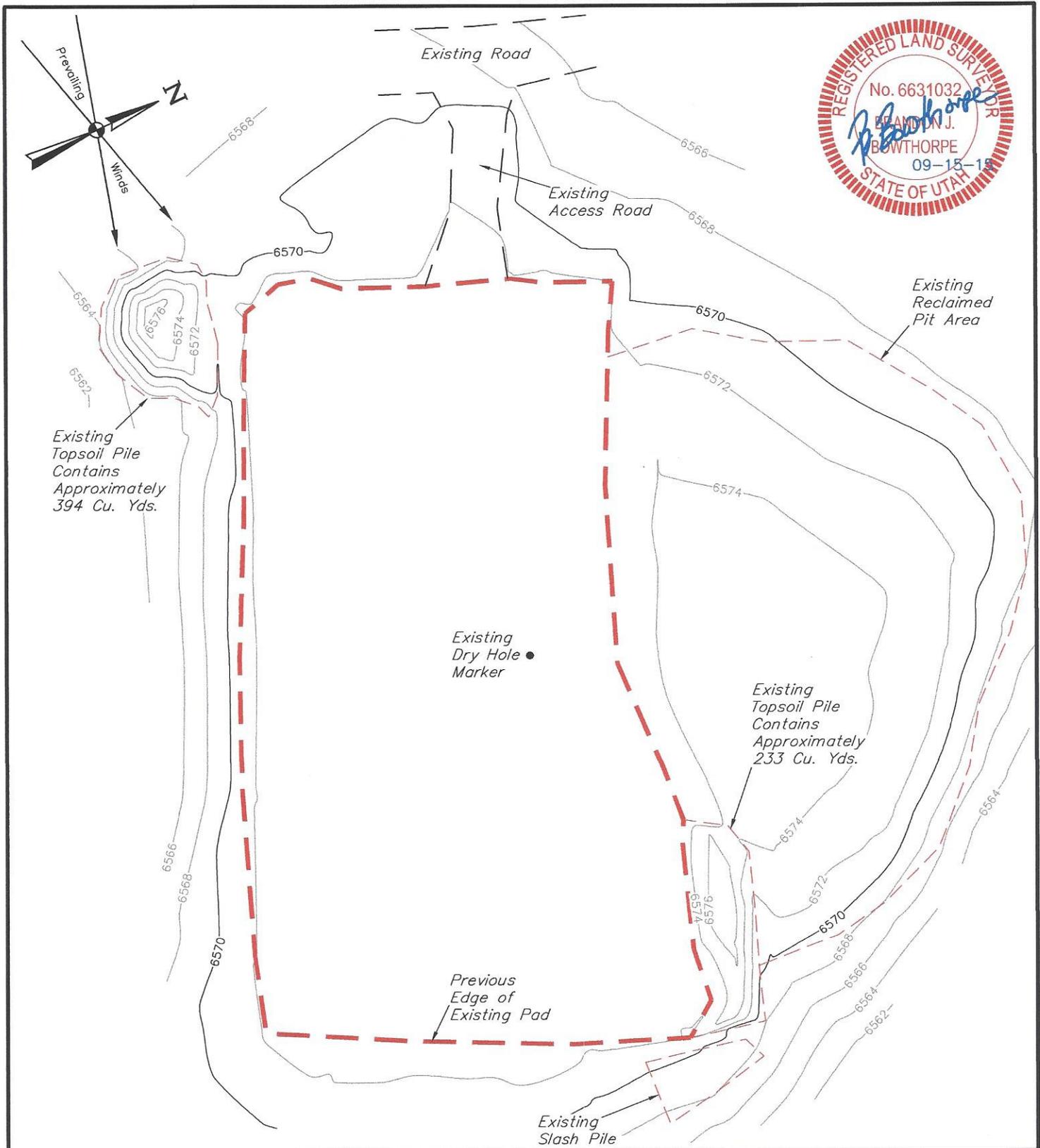
COBRA OIL & GAS CORPORATION

**CHIMNEY ROCK #32-11
 NE 1/4 SW 1/4 SECTION 32, T13S, R21E, S.L.B.&M.
 UTAH COUNTY, UTAH**



UELS, LLC
 Corporate Office * 85 South 200 East
 Vernal, UT 84078 * (435) 789-1017

DRAWN BY: J.J.	DATE DRAWN: 09-14-15
SCALE: 1" = 60'	REVISED: 00-00-00
AS-BUILT SITE PLAN	FIGURE #1



NOTES:
 • Contours shown at 2' intervals.

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SCALE: 1" = 60'	REVISED: 00-00-00
RECLAMATION LAYOUT	FIGURE #2

Granite Seed - Lehi
 From: 1697 W 2100 N
 Lehi, UT 84043

Mix Name: Chimney Rock 82-11

MIX # 172547

Chir

% Pure	Common Name	Identity	Q + D or
20.26	SIBERIAN WHEATGRASS	Wheatgrass	82-TZ
17.17	CRESTED WHEATGRASS	Ephraim	83-TZ
16.81	BOTTLEBRUSH SQUIRRELTAIL	Phacelia	85-7-95
12.10	KOCHIA, FORAGE	VNS	81-TZ
11.96	NEEDLE & THREAD GRASS	VNS	47-42-88
11.09	INDIAN RICEGRASS	Rimrock	80-93-96
5.72	GLOBEMALLOW, SCARLET	WNS	80-TZ

0.04 Other CDD Date Tested: 27-Apr-16
 4.66 Inert Matter Hard Seed: 0.00
 0.17 Weed Seed Noxious Weed: NO

Net Weight 31.77 Lbs PLS 37.56 Lbs Bt

Coverage: 37.564 Bulk #

NOTICE TO BUYER LIMITATIONS OF WARRANTIES AND REMEDIES

Crop yield and quality are dependent upon many factors beyond the control of the labeled seller and NO WARRANTY is made for crop yield and quality. The labeled seller warrants that all seed sold has been labeled as required under the federal seed law and that the seed conforms to the label description, within recognized tolerances. THIS WARRANTY IS LIMITED TO THE SEED AND DOES NOT INCLUDE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY. FOR A PARTICULAR PURPOSE THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE LABEL.

No claim shall be asserted against the labeled seller unless the buyer reports to the labeled seller within a reasonable time (not to exceed thirty days), any condition that might lead to a complaint. BUYER'S EXCLUSIVE REMEDY FOR LOSS RESULTING FROM BREACH OF WARRANTY, BREACH OF CONTRACT OR NEGLIGENCE (INCLUDING NEGLIGENCE OF THE BUYER) SHALL BE LIMITED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES AND SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE.

The terms and conditions stated here are a benefit to the bargain and constitute the entire agreement between the buyer and the seller. If the seed is found to be unopened seed package to the label of these terms.

NOTE: ARBITRATION JURISDICTION

The seed laws of the following states including Alaska, Arizona, California, Colorado, Florida, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Massachusetts, Michigan, Minnesota, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, and Wyoming apply. In all other states, the arbitration procedure shall be governed by the Federal Arbitration Act (9 U.S.C. 1-260). In the state of Texas, the arbitration procedure shall be governed by the Texas Arbitration Act (Texas Civil Practice and Remedies Code, Title 9, Chapter 91). In the state of California, the arbitration procedure shall be governed by the California Arbitration Act (California Code of Civil Procedure, Section 1281). In the state of New York, the arbitration procedure shall be governed by the New York Arbitration Law (New York Code of Civil Procedure, Section 53). In the state of North Carolina, the arbitration procedure shall be governed by the North Carolina Arbitration Act (North Carolina Code of Civil Procedure, Article 10). In the state of South Carolina, the arbitration procedure shall be governed by the South Carolina Arbitration Act (South Carolina Code of Laws, Title 15, Chapter 43). In the state of Virginia, the arbitration procedure shall be governed by the Virginia Arbitration Act (Virginia Code, Title 18.2, Chapter 1). In the state of Washington, the arbitration procedure shall be governed by the Washington Arbitration Act (Washington Revised Code, Title 71, Chapter 71A). In the state of Wisconsin, the arbitration procedure shall be governed by the Wisconsin Arbitration Act (Wisconsin Statutes, Chapter 787). In the state of Wyoming, the arbitration procedure shall be governed by the Wyoming Arbitration Act (Wyoming Statutes, Title 7, Chapter 7-101). In the state of Alaska, the arbitration procedure shall be governed by the Alaska Arbitration Act (Alaska Statutes, Title 14, Chapter 14.05). In the state of Arizona, the arbitration procedure shall be governed by the Arizona Arbitration Act (Arizona Revised Statutes, Title 44, Chapter 44-02). In the state of California, the arbitration procedure shall be governed by the California Arbitration Act (California Code of Civil Procedure, Section 1281). In the state of Colorado, the arbitration procedure shall be governed by the Colorado Arbitration Act (Colorado Revised Statutes, Title 72, Chapter 72-101). In the state of Florida, the arbitration procedure shall be governed by the Florida Arbitration Act (Florida Statutes, Chapter 384). In the state of Georgia, the arbitration procedure shall be governed by the Georgia Arbitration Act (Georgia Code, Title 13, Chapter 13-2). In the state of Idaho, the arbitration procedure shall be governed by the Idaho Arbitration Act (Idaho Code, Title 37, Chapter 37-101). In the state of Illinois, the arbitration procedure shall be governed by the Illinois Arbitration Act (Illinois Code of Civil Procedure, Section 1216). In the state of Indiana, the arbitration procedure shall be governed by the Indiana Arbitration Act (Indiana Code, Title 35, Chapter 35-42). In the state of Iowa, the arbitration procedure shall be governed by the Iowa Arbitration Act (Iowa Code, Title 622, Chapter 622-101). In the state of Kansas, the arbitration procedure shall be governed by the Kansas Arbitration Act (Kansas Statutes, Title 57, Chapter 57-101). In the state of Kentucky, the arbitration procedure shall be governed by the Kentucky Arbitration Act (Kentucky Revised Statutes, Title 38, Chapter 38-101). In the state of Louisiana, the arbitration procedure shall be governed by the Louisiana Arbitration Act (Louisiana Code of Civil Procedure, Article 2061). In the state of Maine, the arbitration procedure shall be governed by the Maine Arbitration Act (Maine Code of Civil Procedure, Title 14, Chapter 14-101). In the state of Massachusetts, the arbitration procedure shall be governed by the Massachusetts Arbitration Act (Massachusetts Code of Civil Procedure, Title 231, Chapter 231-101). In the state of Michigan, the arbitration procedure shall be governed by the Michigan Arbitration Act (Michigan Code of Civil Procedure, Title 3, Chapter 3-101). In the state of Minnesota, the arbitration procedure shall be governed by the Minnesota Arbitration Act (Minnesota Statutes, Chapter 57C). In the state of Missouri, the arbitration procedure shall be governed by the Missouri Arbitration Act (Missouri Revised Statutes, Title 417, Chapter 417-101). In the state of Montana, the arbitration procedure shall be governed by the Montana Arbitration Act (Montana Code of Civil Procedure, Title 26, Chapter 26-101). In the state of Nebraska, the arbitration procedure shall be governed by the Nebraska Arbitration Act (Nebraska Revised Statutes, Title 49, Chapter 49-101). In the state of Nevada, the arbitration procedure shall be governed by the Nevada Arbitration Act (Nevada Revised Statutes, Title 41, Chapter 41-101). In the state of New Hampshire, the arbitration procedure shall be governed by the New Hampshire Arbitration Act (New Hampshire Code of Civil Procedure, Title 501, Chapter 501-101). In the state of New Jersey, the arbitration procedure shall be governed by the New Jersey Arbitration Act (New Jersey Code of Civil Procedure, Title 17, Chapter 17-101). In the state of New Mexico, the arbitration procedure shall be governed by the New Mexico Arbitration Act (New Mexico Code of Civil Procedure, Title 40, Chapter 40-101). In the state of New York, the arbitration procedure shall be governed by the New York Arbitration Law (New York Code of Civil Procedure, Section 53). In the state of North Carolina, the arbitration procedure shall be governed by the North Carolina Arbitration Act (North Carolina Code of Civil Procedure, Article 10). In the state of North Dakota, the arbitration procedure shall be governed by the North Dakota Arbitration Act (North Dakota Code of Civil Procedure, Title 27, Chapter 27-101). In the state of Ohio, the arbitration procedure shall be governed by the Ohio Arbitration Act (Ohio Revised Code, Title 31, Chapter 31.01). In the state of Oklahoma, the arbitration procedure shall be governed by the Oklahoma Arbitration Act (Oklahoma Statutes, Title 58, Chapter 58-101). In the state of Oregon, the arbitration procedure shall be governed by the Oregon Arbitration Act (Oregon Revised Statutes, Title 36, Chapter 36-101). In the state of Pennsylvania, the arbitration procedure shall be governed by the Pennsylvania Arbitration Act (Pennsylvania Code, Title 42, Chapter 42-101). In the state of Rhode Island, the arbitration procedure shall be governed by the Rhode Island Arbitration Act (Rhode Island Code of Civil Procedure, Title 10, Chapter 10-101). In the state of South Carolina, the arbitration procedure shall be governed by the South Carolina Arbitration Act (South Carolina Code of Laws, Title 15, Chapter 43). In the state of South Dakota, the arbitration procedure shall be governed by the South Dakota Arbitration Act (South Dakota Code of Civil Procedure, Title 15, Chapter 15-101). In the state of Tennessee, the arbitration procedure shall be governed by the Tennessee Arbitration Act (Tennessee Code, Title 47, Chapter 47-101). In the state of Texas, the arbitration procedure shall be governed by the Texas Arbitration Act (Texas Civil Practice and Remedies Code, Title 9, Chapter 91). In the state of Utah, the arbitration procedure shall be governed by the Utah Arbitration Act (Utah Code, Title 38, Chapter 38-101). In the state of Vermont, the arbitration procedure shall be governed by the Vermont Arbitration Act (Vermont Code of Civil Procedure, Title 14, Chapter 14-101). In the state of Virginia, the arbitration procedure shall be governed by the Virginia Arbitration Act (Virginia Code, Title 18.2, Chapter 1). In the state of Washington, the arbitration procedure shall be governed by the Washington Arbitration Act (Washington Revised Code, Title 71, Chapter 71A). In the state of West Virginia, the arbitration procedure shall be governed by the West Virginia Arbitration Act (West Virginia Code, Title 22, Chapter 22-101). In the state of Wisconsin, the arbitration procedure shall be governed by the Wisconsin Arbitration Act (Wisconsin Statutes, Chapter 787). In the state of Wyoming, the arbitration procedure shall be governed by the Wyoming Arbitration Act (Wyoming Statutes, Title 7, Chapter 7-101). In the state of Alaska, the arbitration procedure shall be governed by the Alaska Arbitration Act (Alaska Statutes, Title 14, Chapter 14.05).

Will Call
 4-C Refill