

004

AMENDED REPORT
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		5. MINERAL LEASE NO.: UT-73190	6. SURFACE: Federal
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
2. NAME OF OPERATOR: Tom Brown, Inc.		8. UNIT or CA AGREEMENT NAME: Bull Horn Unit (Proposed)	
3. ADDRESS OF OPERATOR: 555 - 17th Street, Suite 1850, Denver, CO 80202		9. WELL NAME and NUMBER: Bull Horn Unit #10-43	
PHONE NUMBER: 303/260-5000		10. FIELD AND POOL, OR WILDCAT: Bull Horn	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 660924X ^{38.18876} SW SE 1244' FSL and 2040' FEL ^{109.16250} 4227919X AT PROPOSED PRODUCING ZONE: 4228148Y ^{38.18669} SW SE 494' FSL and 1990' FEL ^{109.16234}		11. QTR/QTR, SECTION, TOWNSHIP, RANGE MERIDIAN: Sec. 10, T30S-R25E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: Approximately 41.5 miles southeast of Moab, UT		12. COUNTY: San Juan	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 494' (Btm. Hole)	16. NUMBER OF ACRES IN LEASE: 1,878.03	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 40 Acres	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED OR APPLIED FOR) ON THIS LEASE (FEET): None	19. PROPOSED DEPTH: 5880' MD - 5742 TVD	20. BOND DESCRIPTION: Nationwide Bond No. ESO-183	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 6688' GL	22. APPROXIMATE DATE WORK WILL START: May 15, 2004	23. ESTIMATED DURATION: 15 Days	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
24"	16" Conductor	40'	Redi Mix to surface
12-1/4"	9-5/8", 36#, J-55, LTC	1,800'	410 sx Premium Lt, 2.13 yield, 12.0# + 180 sx Type III, 1.41 yield, 14.6#
8-3/4"	5-1/2", 17#, P-110, LTC	5,880'	400 sx Premium Lt HS, 1.82 yield, 12.7#

CONFIDENTIAL-TIGHT HOLE

Rec'd Contracted on 4/13/04

ATTACHMENTS

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

- WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER
- COMPLETE DRILLING PLAN
- FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

AGENT: **PermitCo Inc. 14421 County Road 10, Fort Lupton, CO 80621** AGENT'S PHONE NO.: **303-857-9999**

NAME (PLEASE PRINT) **Lisa L. Smith** TITLE **Agent for Tom Brown, Inc.**

SIGNATURE *Lisa L. Smith* DATE **April 13, 2004**

(This space for State use only)

API NUMBER ASSIGNED: 43-037-31831

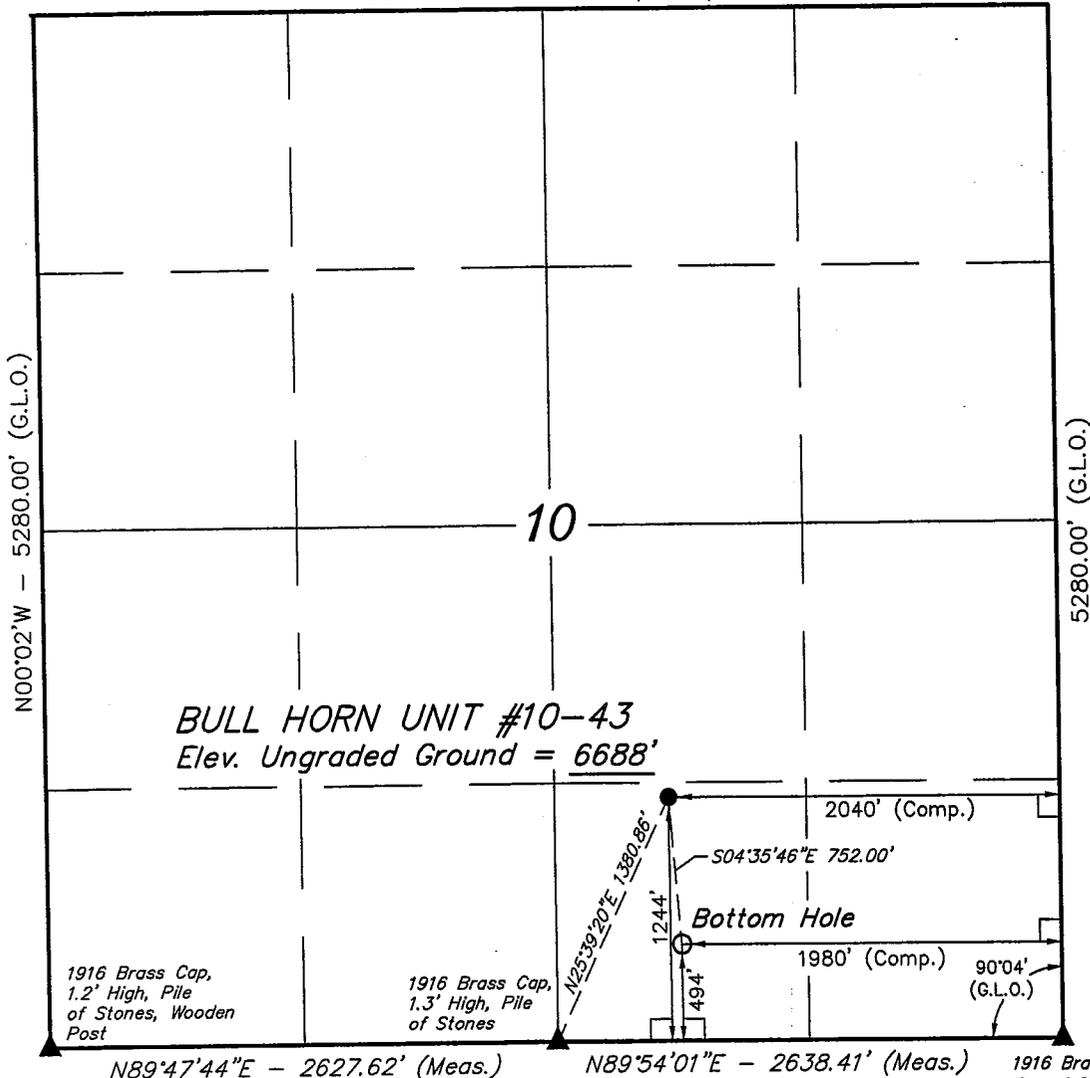
APPROVAL:

RECEIVED

APR 15 2004

T30S, R25E, S.L.B.&M.

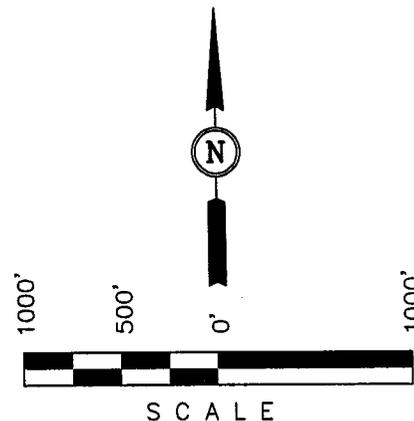
S89°55'W - 5277.36' (G.L.O.)



TOM BROWN INC.
 Well location, BULL HORN UNIT #10-43, located as shown in the SW 1/4 SE 1/4 of Section 10, T30S, R25E, S.L.B.&M. San Juan County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 10, T30S, R25E, S.L.B.&M. TAKEN FROM THE LISBON VALLEY QUADRANGLE, UTAH, SAN JUAN COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6682 FEET.



CERTIFICATE

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

NO. 101319
ROBERT L. KAY
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 16319
 STATE OF UTAH

REVISED: 04-09-04 C.G.
 REVISED: 04-05-04 C.G.

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

BASIS OF BEARINGS

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

(AUTONOMOUS NAD 83)
 LATITUDE = 38°11'18.81" (38.188558)
 LONGITUDE = 109°09'47.40" (109.163167)

LEGEND:

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

SCALE 1" = 1000'	DATE SURVEYED: 3-18-04	DATE DRAWN: 3-22-04
PARTY B.B. T.H. C.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE TOM BROWN INC.	



14421 County Rd. 10 • Ft. Lupton, Colorado 80621 • (303) 857-9999 • FAX (303) 857-0577 • E-MAIL Permitco.1@aol.com

April 22, 2004

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

Re: Tom Brown, Inc.
Bull Horn Unit #10-43
 SW SE, 1244' FSL and 2040' FEL (Surface)
 SE SW, 494' FSL and 2286' FWL (Bottom Hole)
 Section 10, T30S - R25E
 San Juan County, Utah
 Lease No. UT-73190

Dear Diana,

Please note that the APD for this location was previously submitted to your office on April 13, 2004. It has come to our attention that the bottom hole footages were incorrect. Therefore, Uintah Engineering and Land Surveying has modified the bottom hole location on the legal plat and we have modified the entire application to reflect this change. Please discard the previously submitted copies and replace them with this revised application. The new bottom hole footages are shown above.

Also attached is our request for Directional Drilling. The request for exception to spacing will be sent under separate cover by Tom Brown Inc.

If you should have any questions regarding the enclosed material, please don't hesitate to contact me. Your early approval of this application would be greatly appreciated.

Sincerely,

PERMITCO INC.

Lisa L. Smith
 Consultant for:
 TOM BROWN, INC.

Enc.

cc: Tom Brown, Inc. - Denver, CO
 Tom Brown, Inc. - Grand Junction, CO
 Tom Brown, Inc. - Moab, Utah
 Tom Brown, Inc. - Rifle, CO

RECEIVED

APR 26 2004

DIV. OF OIL, GAS & MINING

001

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

FORM 3

AMENDED REPORT
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

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B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
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3. ADDRESS OF OPERATOR: 555 - 17th Street, Suite 1850, Denver, CO 80202		9. WELL NAME and NUMBER: Bull Horn Unit #10-43	
PHONE NUMBER: 303/260-5000		10. FIELD AND POOL, OR WILDCAT: Bull Horn	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 660924 X 4228148 Y AT PROPOSED PRODUCING ZONE: 38.18874 -109.16250		11. QTR/QTR, SECTION, TOWNSHIP, RANGE MERIDIAN: SW SE 1244' FSL and 2040' FEL 4227848 Y SE SW 494' FSL and 2286' FWL 38.18874 -109.16250	
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CONFIDENTIAL-TIGHT HOLE			

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- FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER

AGENT: PermitCo Inc. 14421 County Road 10, Fort Lupton, CO 80621

AGENT'S PHONE NO.: 303-857-9999

NAME (PLEASE PRINT) **Lisa L. Smith**

TITLE **Agent for Tom Brown, Inc.**

SIGNATURE *Lisa L. Smith*

DATE **April 13, 2004**

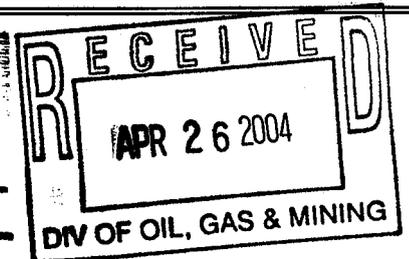
(This space for State use only)

API NUMBER ASSIGNED: **43-037-31831**

*Federal Approval of this
Action is Necessary*

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

Date: **05-03-04**
By: *[Signature]*
See Instructions on Reverse Side

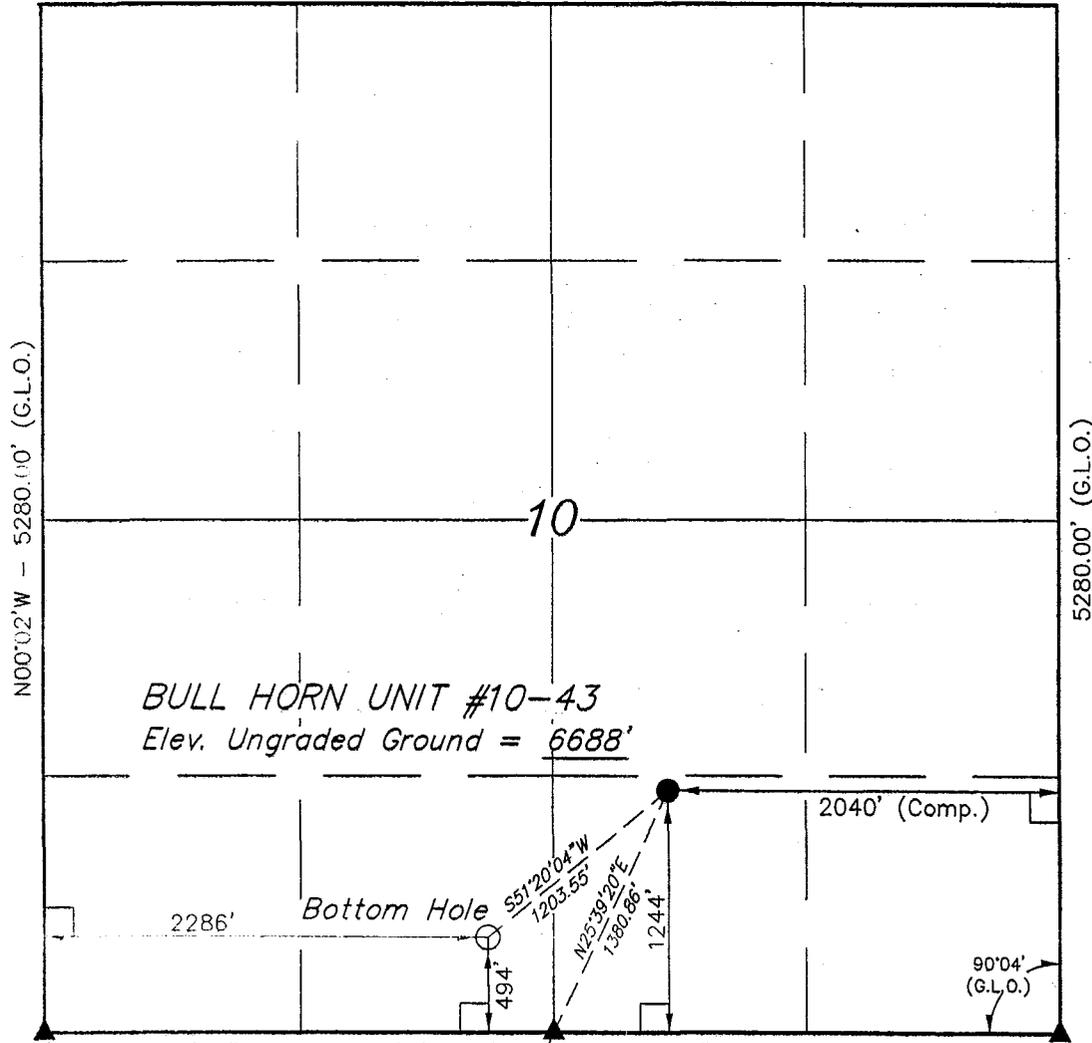


T30S, R25E, S.L.B.&M.

TOM BROWN INC.

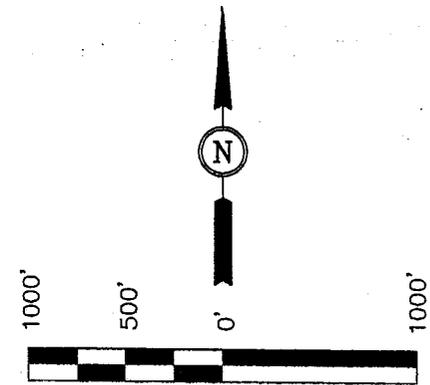
Well location, BULL HORN UNIT #10-43, located as shown in the SW 1/4 SE 1/4 of Section 10, T30S, R25E, S.L.B.&M. San Juan County, Utah.

S89°55'W - 5277.36' (G.L.O.)



BASIS OF ELEVATION

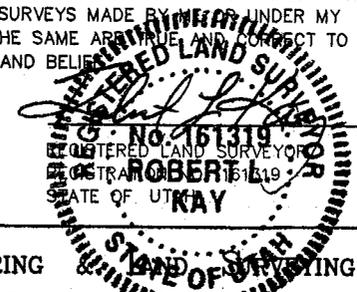
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SCALE

CERTIFICATE

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REVISED: 4-20-04

REVISED: 4-5-04

UNTAH ENGINEERING
 85 SOUTH 200 EAST - VERNON, UTAH 84078
 (801) 789-1017

1916 Brass Cap, N89°47'44"E - 2627.62' (Meas.) 1.2' High, Pile of Stones, Wooden Post
 1916 Brass Cap, N89°54'01"E - 2638.41' (Meas.) 1.3' High, Pile of Stones
 1916 Brass Cap, 1.2' High, Scattered Stones

BASIS OF BEARINGS

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

(AUTONOMOUS NAD 83)
 LATITUDE = 38°11'18.81" (38.188558)
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WEATHER COOL	FILE TOM BROWN INC.	



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

Attn: Diana Whitney

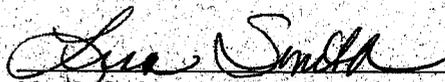
DIRECTIONAL DRILLING APPLICATION

1. **Operator Name and Address:** Tom Brown, Inc.
555-17th Street, Suite
Denver, CO 80202
2. **Well Name and No.:** Bull Horn Unit #10-43
3. **Legal Description** SW SE, 1244' FSL and 2040' FEL (Surface)
SE SW, 494' FSL and 2286' FWL (Bottom Hole)
Section 10, T30S - R25E
San Juan County, Utah
Lease No. UT-73190
4. **Field/Reservoir:** Wildcat/Cutler, Honaker Trail, Ismay
5. **Reason for Intentional Deviation:** Topography - it was not possible to drill a straight hole from this location.

The only working interest owner within the 460 foot radius of the proposed surface location, well bore and bottom hole location, other than the applicant, is Cabot Oil and Gas Corporation. In accordance with State of Utah Regulation R649-3-10, attached please find a copy of the approval letter signed by John S. Muire.

Your administrative approval of this request for directional drilling would be greatly appreciated.

April 22, 2004
Date


Lisa L. Smith - PERMITCO INC.
Authorized Agent for:
TOM BROWN, INC.

RECEIVED

APR 26 2004

Enc. - Plat of wellbore

DIV. OF OIL, GAS & MINING

cc: Tom Brown, Inc. - Denver, CO
Tom Brown, Inc. - Grand Junction, CO
Tom Brown, Inc. - Moab, Utah
Tom Brown, Inc. - Rifle, CO

08:56 AM TOM BROWN INC.

FAX NO. 303 200 0001

April 6, 2004

Mr. John S. Maire
Cabot Oil & Gas Corporation
600 17th Street, Suite 900 North
Denver, Colorado 80202

Re: Exception Location Approval
Bull Horn Unit (0-43 Well)
SWSE/ Sec. 10-T30S-R25E (SHL)
SESW Sec. 10-T30S-R25E (BHL)
San Juan County, UT
UTO-73390

Gentlemen:

As you are aware, Tom Brown, Inc. has proposed the drilling of the Bull Horn Unit 10-43 well in Section 10, Township 30 South, Range 25 East, San Juan County, Utah. Due to topographical and archeological concerns, the location for this well will require an exception to the requirements of State of Utah Regulation R649-3-2 and 3-3.

The proposed location is 2,040' FEL and 1,244' FSL for the surface hole, and 494' FSL and 2,980' FEL for the bottom hole in Section 10, Township 30 South, Range 25 East, San Juan County, Utah.

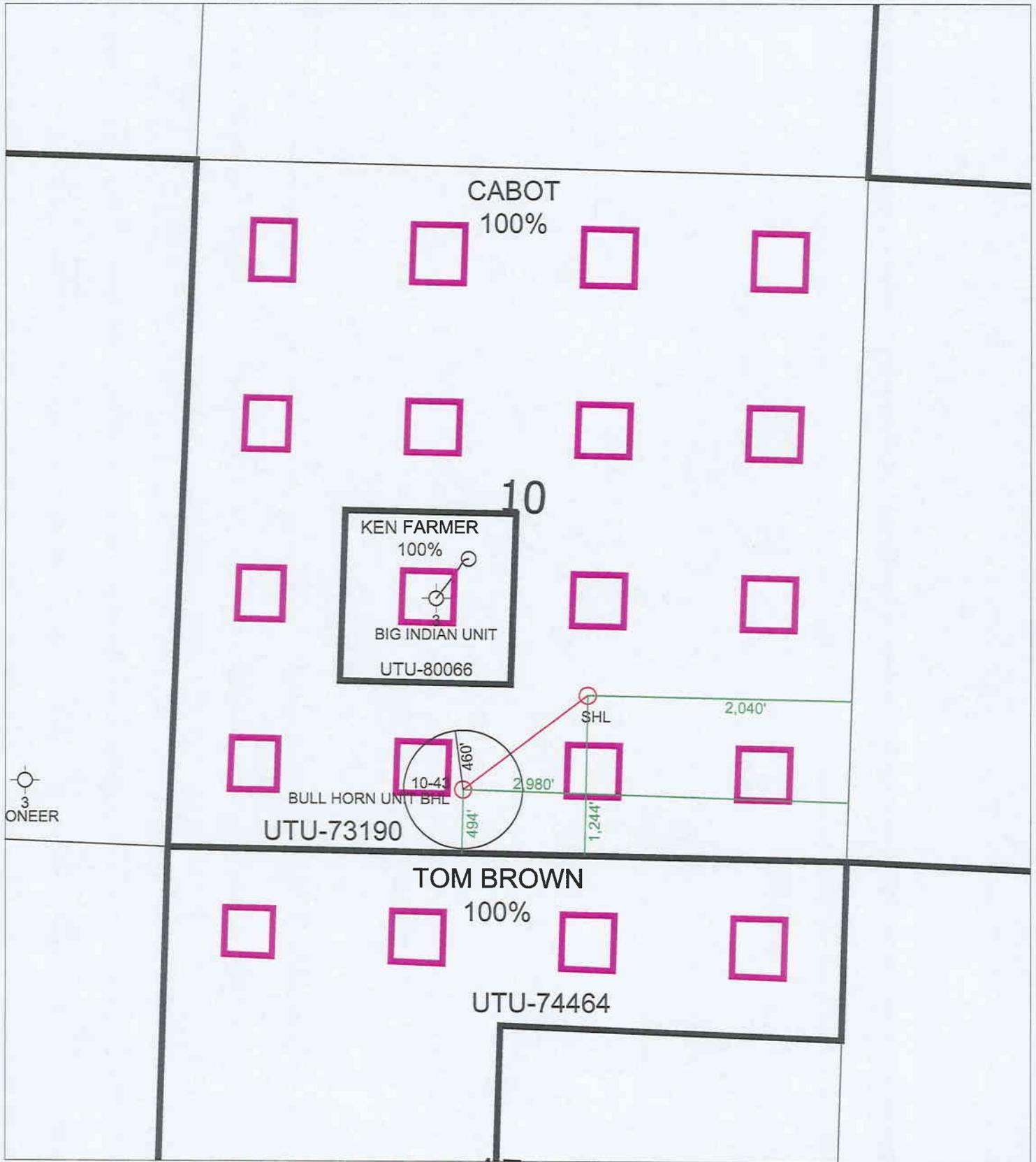
In accordance with R649-3-3, 1.2, please indicate your consent to the location exception of the Bull Horn Unit 10-43 well by signing in the space provided and returning one copy of this letter to the undersigned at your very earliest convenience.

Thank you for your help in this matter.

Sincerely,
TOM BROWN, INC.
Paul Lovato
Paul Lovato, CPL
Senior Land Coordinator

Exception Location for the Bull Horn Unit 10-43 well is hereby approved this 6th day of April, 2004.

By *[Signature]*
Title *[Signature]*



□ LEGAL LOCATION

TOM BROWN, INC.		
EXCEPTION LOCATION BULL HORN UNIT #10-43 SHL - 1,244' FSL, 2,040' FEL BHL - 494' FSL, 2,980' FEL SECTION 10, T30S R25E SAN JUAN COUNTY, UTAH		
4/5/06	SCALE 1:2000	UTM-27 IZF
LAYOUT: 10-43	WISNIEWSKI	BULL HORN 10-43.DWG

ONSHORE OIL & GAS ORDER NO. 1

Approval of Operations on Onshore
Federal and Indian Oil & Gas Leases

Bull Horn Unit #10-43

SW SE, 1244' FSL and 2040' FEL (Surface)
SE SW, 494' FSL and 2286' FWL (Bottom Hole)
Section 10, T30S - R25E
San Juan County, Utah

Prepared For:

TOM BROWN, INC.

By:

PERMITCO INC.
14421 County Road 10
Ft. Lupton, Colorado 80621
303/857-9999

Copies Sent To:

- 4 - BLM - Moab, UT
- ➔ Utah Division of Oil, Gas & Mining - SLC, UT
- 3 - Tom Brown, Inc. - Denver, CO
- 1 - Tom Brown, Inc. - Grand Junction
- 1 - Tom Brown, Inc. - Moab, Utah
- 1 - Tom Brown, Inc. - Rifle, CO

CONFIDENTIAL-TIGHT HOLE



Tom Brown, Inc.

Bull Horn Unit #10-43

Lease No. UT-73190

SW SE, 1244' FSL and 2040' FEL (Surface)

SE SW, 494' FSL and 1980' FEL (Bottom Hole)

Section 10, T30S - R25E

San Juan County, Utah

DRILLING PROGRAM

Page 1

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal and Indian Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. ESTIMATED TOPS/ GEOLOGIC MARKERS

The estimated tops of important geologic markers are as follows:

<i>Formation</i>	<i>Depth</i>	<i>Subsea</i>
Burro Canyon	Surface	6,720'
Entrada	547'	6,156'
Navajo	868'	5,844'
Kayenta	1,187'	5,534'
Wingate	1,318'	5,406'
Chinle	1,784'	4,954'
Cutler	2,630'	4,131'
Honaker Trail	3,293'	3,487'
Ismay	5,368'	1,469'
Paradox Salt	5,808'	1,030'
TD	5,742' TVD - 5,880' MD	988'



Tom Brown, Inc.

Bull Horn Unit #10-43

Lease No. UT-73190

SW SE, 1244' FSL and 2040' FEL (Surface)

SE SW, 494' FSL and 1980' FEL (Bottom Hole)

Section 10, T30S - R25E

San Juan County, Utah

DRILLING PROGRAM

Page 2

2. ESTIMATED DEPTH OF OIL, GAS WATER AND OTHER MINERAL BEARING ZONES

The estimated depths at which the top and bottom of the anticipated water, oil, gas or other mineral bearing formations are expected to be encountered are as follows:

<i>Substance</i>	<i>Formation</i>	<i>Depth</i>
Water	Entrada	547'
Water	Navajo	868'
Water	Kayenta	1,187'
Water	Wingate	1,318'
Water	Chinle	1,784'
Gas	Cutler	2,630'
Gas	Honaker Trail	3,293'
Gas	Ismay	5,808'

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and will be cased and cemented. When possible, water flow rates will be measured and samples will be taken and analyzed with the results being submitted to the BLM. All oil and gas shows will be tested to determine commercial potential.

3. BOP EQUIPMENT

Tom Brown, Inc.'s minimum specifications for pressure control equipment are as follows:

Ram Type: 11" Hydraulic double, 3000 psi w.p.

BOP systems will be consistent with API RP 53 and Onshore Oil and Gas Order No. 2. Pressure tests of the surface casing and all BOP equipment potentially subject to pressure will be conducted before drilling the surface casing shoe. Blowout preventer controls will be installed prior to drilling the surface



Tom Brown, Inc.

Bull Horn Unit #10-43

Lease No. UT-73190

SW SE, 1244' FSL and 2040' FEL (Surface)

SE SW, 494' FSL and 1980' FEL (Bottom Hole)

Section 10, T30S - R25E

DRILLING PROGRAM

San Juan County, Utah

Page 3

casing shoe and will remain in use until the well is completed or abandoned. Ram preventers will be inspected and operated each trip (no more than once a day is necessary), and annular preventers will be inspected and operated weekly to ensure good mechanical working order. These inspections shall be recorded in the drilling log and in the daily drilling report.

Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 70 percent of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10 percent in 30 minutes occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.

Annular type preventers (if used) shall be tested to 50 percent of rated working pressure. Pressure shall be maintained at least 10 minutes or until provisions of test are met, whichever is longer.

Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.

When testing the kill line valve(s) the check valve shall be held open or the ball removed.

A BOPE pit level drill shall be conducted weekly for each drilling crew.

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Pressure tests shall apply to all related well control equipment.

All of the above described tests and/or drills shall be recorded in the drilling log. Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

Pressure tests shall apply to all related well control equipment.

- a. The size and rating of the BOP stack is shown on the attached diagram. Although a rig has not been chosen to drill this well, most of the equipment for this depth of hole in the area use a 11", 2000 psi working pressure blowout preventor.



Tom Brown, Inc.

Bull Horn Unit #10-43

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SW SE, 1244' FSL and 2040' FEL (Surface)

SE SW, 494' FSL and 1980' FEL (Bottom Hole)

Section 10, T30S - R25E

San Juan County, Utah

DRILLING PROGRAM

Page 4

- b. A choke line and a kill line are to be properly installed. The kill line is not to be used as a fill-up line.
- c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.
- d. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.

4. CASING AND CEMENTING PROGRAM

- a. The proposed casing and cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals. Any isolating medium other than cement shall receive approval prior to use. The casing setting depth shall be calculated to position the casing seat opposite a competent formation which will contain the maximum pressure to which it will be exposed during normal drilling operations. Determination of casing setting depth shall be based on all relevant factors, including; presence/absence of hydrocarbons; fracture gradients; usable water zones; formation pressures; lost circulation zones; other minerals; or other unusual characteristics. All indications of usable water shall be reported.
- b. Casing design shall assume formation pressure gradients of 0.44 to 0.50 psi per foot for exploratory wells (lacking better data).
- c. Casing design shall assume fracture gradients from 0.70 to 1.00 psi per foot for exploratory wells (lacking better data)
- d. Casing collars shall have a minimum clearance of 0.422 inches of all sides in the hole/casing annulus, with recognition that variances can be granted for justified exceptions.
- e. All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.
- f. All casing except the conductor casing, shall be new or reconditioned and tested used casing that meets or exceeds API standards for new casing.



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Section 10, T30S - R25E

San Juan County, Utah

DRILLING PROGRAM

Page 5

- g. The surface casing shall be cemented back to surface either during the primary cement job or by remedial cementing.
- h. All indications of usable water shall be reported to the authorized officer prior to running the next string of casing or before plugging orders are requested, whichever occurs first.
- i. Three centralizers will be run on the bottom three joints of surface casing with a minimum of one centralizer per joint starting with the shoe joint.
- j. Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string cement method, etc. shall be utilized to help isolate the cement from contamination by the mud fluid being displaced ahead of the cement slurry.
- k. All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or 1500 psi, whichever is greater, but not to exceed 70 percent of the minimum internal yield. If pressure declines more than 10 percent in 30 minutes, corrective action shall be taken.
- l. On all exploratory wells, and on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.
- m. The proposed casing program will be as follows:

<i>Purpose</i>	<i>Depth</i>	<i>Hole Size</i>	<i>O.D.</i>	<i>Weight</i>	<i>Grade</i>	<i>Type</i>	<i>New/Used</i>
Conductor	0' - 40'	24"	16"	---	---	---	---
Surface	0' - 1,800'	12 - 1/4"	9 - 5/8"	36#	J-55	ST&C	New
Production	0' - 5,850'	8 - 3/4"	5 - 1/2"	17#	P-110	LT&C	New

- o. Casing design subject to revision based on geologic conditions encountered.



Tom Brown, Inc.

Bull Horn Unit #10-43

Lease No. UT-73190

SW SE, 1244' FSL and 2040' FEL (Surface)

SE SW, 494' FSL and 1980' FEL (Bottom Hole)

Section 10, T30S - R25E

San Juan County, Utah

DRILLING PROGRAM

p. The cement program will be as follows:

<i>Conductor</i>	<i>Type and Amount</i>
0 - 40'	Redi Mix to Surface.
<i>Surface</i>	<i>Type and Amount</i>
0 - 1,800'	Lead: 410 sx Prem. Lt, 2.13 yield, 12.0# Tail: 180 sx Type III, 1.41 yield, 14.6#, or sufficient to circulate to surface.
<i>Production</i>	<i>Type and Amount</i>
3,600' - 5,850'	400 sx 50/50/4 Poz Premium, 1.82 yld, 12.5 #

q. After cementing but before commencing any test, the casing string shall stand cemented until the cement has reached a compressive strength of at least 500 psi at the shoe. WOC time shall be recorded in the driller's log.

r. The following reports shall be filed with the District Manager within 30 days after the work is completed.

1. Progress reports, Form 3160-5 (formerly 9-331) "Sundry Notices and Reports on Wells", must include complete information concerning:

a. Setting of each string of casing, showing the size, grade, weight of casing set, hole size, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of cementing tools used, casing test method and results, and the date work was done. Show the spud date on the first reports submitted.

b. Temperature or bond logs must be submitted for each well where the casing cement was not circulated to the surface.

s. Auxiliary equipment to be used is as follows:

1. Kelly cock
2. No bit float is deemed necessary.
3. A sub with a full opening valve.



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5. MUD PROGRAM

a. The proposed circulating mediums to be employed in drilling are as follows:

<i>Interval</i>	<i>Mud Type</i>	<i>Mud Wt.</i>	<i>Visc.</i>	<i>F/L</i>
0' - 1,800'	Water	+/-8.5	+/-28	N/C
1,800' - 2,600'	Water	+/-8.5	+/-28	N/C
2,600' - 5,850'	LSND	+/-9.0	+/-34	+/-10

Sufficient mud materials will be stored on location to maintain well control and combat lost circulation problems that might reasonably be expected.

- b. Due to potential for contamination of usable quality water aquifers, chromates are banned from Federal leases.
- c. Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing or completion operations.

6. EVALUATION PROGRAM

The anticipated type and amount of testing, logging and coring are as follows:

a. No drill stem tests are anticipated. However, if DST's are run, the following requirements will be adhered to:

Initial opening of drill stem test tools shall be restricted to daylight hours unless specific approval to start during other hours is obtained from the authorized officer. However, DST's may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e. lighting which is adequate for visibility and vapor-proof for safe operations). Packers can be released, but tripping shall not begin before daylight, unless prior approval is obtained from the authorized officer. Closed chamber DSTs may be accomplished day or night.



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A DST that flows to the surface with evidence of hydrocarbons shall be either reversed out of the testing string under controlled surface conditions. This would involve provided some means for reverse circulation.

Separation equipment required for the anticipated recovery shall be properly installed before a test starts.

All engines within 100 feet of the wellbore that are required to "run" during the test shall have spark arresters or water cooled exhausts.

- b. The logging program will consist of a GR/HLA/DEN/NEUT/CALI and a sonic from surface casing to TD.
- c. No cores are anticipated.
- d. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).
- e. The anticipated completion program is as follows:

Perforate zones of interest and place on production.

7. ANTICIPATED PRESSURES AND H₂S

- a. The expected maximum bottom hole pressure is 2048 psi. No abnormal pressures are anticipated.
- b. Hydrogen sulfide gas is not anticipated, however, will be monitored during drilling.



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- c. As per Onshore Order No. 6, III,A,2.b., if hydrogen sulfide is present the "operator shall initially test the H₂S concentration of the gas stream for each well or production facility..." Submit the results of this test within 30 days of filing Form 3160-4, "Well Completion or Recompletion Report and Log".

8. OTHER INFORMATION AND NOTIFICATION REQUIREMENTS

- a. Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communications, not later than 5 days following the date on which the well is placed on production.
- b. Production data shall be reported to the MMS pursuant to 30 CFR 216.5 using form MMS/3160.
- c. The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or the date on which gas is first measured through permanent metering facilities, whichever first occurs.
- d. Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period.
- e. Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.



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- f. A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3 and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 and Onshore Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-4.
- g. Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."
- If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).
- h. Drilling operations are planned to commence on May 15, 2004 due to a lease expiration on May 31, 2004.
- i. It is anticipated that the drilling of this well will take approximately 15 days.
- j. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.
- k. Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.
- l. If a replacement rig is contemplated for completion operations, a "Sundry Notice" Form 3160-5 to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.



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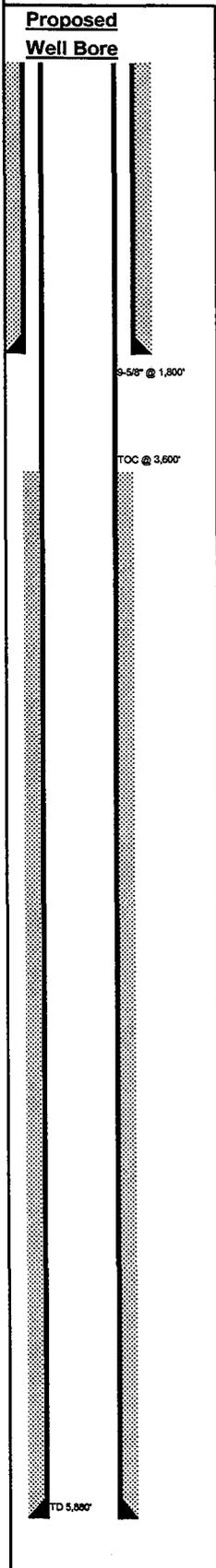
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- m. Pursuant to Onshore Order No. 7, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.
- n. No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the SO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative. or the appropriate Surface Managing Agency.



DRILLING PLAN

PROSPECT/FIELD	Big Indian	COUNTY	San Juan	STATE	Utah
OWNERS	TOM BROWN, INC.	LEASE	TOM BROWN, INC.		
WELL NO.	BULL HORN UNIT 10-43 (formerly Big Indian 10-43)	EST. T.D.	5,742' TVD	/5,880' MD	
SURF LOCATION	Section 10, T30S - R25E		GROUND ELEVATION	6,720' (est)	ungraded
BHL LOC.	494' FSL, 1980' FEL				



PROGNOSIS:
Based on 6,740' KB(est)

MARKER	DEPTH	HYDC	DATUM
			0'
Burro Canyon	Surface		#VALUE!
Entrada	547'		6,193'
Navajo	868'		5,872'
Kayenta	1,187'		5,553'
Wingate	1,318'		5,422'
Chinle	1,784'		4,956'
Cutler	2,630'		4,110'
Honaker Trail	3,293'		3,447'
Ismay	5,368'		1,372'
Paradox Salt	5,808'		932'

Total Depth

Depths are TVD under wellhead.

LOGS:

Type	Interval
sonic	TD to surf casing
0	0

DEVIATION:

Surf: Directional
TD: Directional

DST'S:
None Planned

CORES:
None Planned

SAMPLES:
One man mudlogger from 0

BOP:
11" 3,000 psi Blind & Pipe and Annular

Max. Anticipated BHP:	0.40 psi/ft	Surface Formation:	Mancos
MUD:	<u>Interval to</u>	<u>Type</u>	<u>WT</u> <u>Vis</u> <u>WL</u> <u>Remarks</u>
	1,800'	Water	+/-8.5 +/- 28 nc
	2,600'	Water	+/-8.5 +/- 28 nc
	5,808'	LSND	+/-9.0 +/- 34 +/- 10

CASING:	Size	Wt ppf	Grade	Hole	Depth	Cement	WOC	Remarks
Surface:	9.625"	36	J55	12.25"	1,800'	590 sx	12 hrs	Circ to Surface
Production:	5.5"	17	HCP110	8.75"	5,880'	400 sx	4 hrs	TOC 3,600'

PROBABLE PLUGS, IF REQ'D:
As per Colorado Oil & Gas Commission / BLM Requirements

OTHER:	SURVEYS: Every +/- 30' in Build, 90' - 300' Tangent			
150' TVD 150' MD	:KOP - 3 deg/100' Build Rate	-1,244 ft +FNL/-FSL	2,040 ft +FEL/-FWL	
600' TVD 604' MD	:15.06 deg. @ EOB, 200.45 deg Az.	-1,210 ft +FNL/-FSL	2,082 ft +FEL/-FWL	
2,652' TVD 2,716' MD	:200.45 deg. Az., 15.06 deg	-900 ft +FNL/-FSL	2,471 ft +FEL/-FWL	
5,000' TVD 5,132' MD	:KOP2, 200.45 deg. Az., 15.06 deg	-544 ft +FNL/-FSL	2,917 ft +FEL/-FWL	
5,676' TVD 5,814' MD	:2nd EOB, 0 deg. Incl.	-494 ft +FNL/-FSL	2,980 ft +FEL/-FWL	
5,742' TVD 5,880' MD	:TD, 0 deg incl.	-494 ft +FNL/-FSL	2,980 ft +FEL/-FWL	

BULL HORN UNIT 10-43 (form Surface Location)

1244' FSL, 2040' FEL

Bottom Hole Location

(1,244) ft -FSL
2,040 ft +FEL

(494) ft -FSL
2,980 ft +FEL

FIRST BUILD SECTION

BRN=	3	Radius of Curvature=deltaTVD=5730/BR!	1910	
KOP1 angle=	0	deltaTVD=(sin(desired)-sin(present))*5730/BRN=	450.38	
Desired EOB1 under wellbore	600	TVD @ KOP1=(TVD @ EOB)-(delta TVD)=	149.62	
Desired EOB1 Angle	13.64	MD @ EOB1=(delta angle*100/BR)+MD @ KOP=	604.28	delta MD= 454.67
Desired Azimuth degs	231.42	HD @ EOB1= dlta MD @ EOB1(cos<1-cos<2)/dlta</57.3=	53.86	

FIRST HOLD SECTION

EOB1 angle=	13.64	Delta TVD= KOP2 - EOB1=	4400.00	
EOB1 Depth TVD=	600.00	Measured Depth @ End of Hold = MD @ EOB1+Delta TVD / cos(h	5131.96	
Hold Angle=	13.64	Delta HD @ KOP2= dlta TVD @ KOP2(Tan(hold </57.3)=	1067.64	
End of Hold Depth TVD=	5000	Total HD @ KOP2= dlta TVD @ KOP2(Tan(hold </57.3)+delta TVL	1121.50	
Desired Azimuth degs=	231.42			

FINAL BUILD / DROP SECTION

BRN=	-2	Radius of Curvature=deltaTVD=5730/BR!	-2865	
KOP2<=	13.64	deltaTVD=(abs(sin(desired)-sin(present)))*5730/BRN=	675.58	
FormDip deg	0	change in target form. TVD for the ROC=ROC*dip=	0.00	
Desired EOB2 Angle	0	MD @ EOB2=(delta angle*100/BR)+MD @ KOP=	5813.96	delta MD= 682.00
Desired Azimuth degs	231.42	delta HD @ EOB2= dlta MD @ EOB2(cos<1-cos<2)/dlta</57.3=	80.79	
		HD @ EOB2= dlta MD @ EOB2(cos<1-cos<2)/dlta</57.3+total HD	1202.29	

FINAL HOLD SECTION

EOB2 angle=	0	Delta TVD= KOP2 - EOB1=	66.42	
EOB2 Depth TVD=	5675.58	Measured Depth @ End of Hold = MD @ EOB2+Delta TVD / cos(h	5880.38	
Hold Angle=	0	Delta HD @ EOH2= dlta TVD @ EOH2(Tan(hold </57.3)=	0.00	
End of Hold Depth TVD uw=	5742	Total HD @ EOH2= dlta TVD @ KOP2(Tan(hold </57.3)+delta TVL	1202.29	
Desired Azimuth degs=	231.42	TVD@ TD= TVD under well head (uw)+tan(form dip)*HD	5742.00	

WELL COORDINATES FOR THE BULL HORN UNIT 10-43 (formerly Big Indian 10-43)

Points	Coordinates								
	TVD	MD	Angle	Horiz. Displ.	Azimuth	N+/S-	E+/W-	FNL+/FSL-	FEL+/FWL-
Surface	0.00'	0.00'	0.00 deg	0.00'	231.42 deg	0.00'	0.00'	-1,244.00'	2,040.00'
A 1st KOP	149.62'	149.62'	0.00 deg	0.00'	231.42 deg	0.00'	0.00'	-1,244.00'	2,040.00'
B Informational	200.00'	200.01'	1.51 deg	0.66'	231.42 deg	-0.41'	-0.52'	-1,243.59'	2,040.52'
C Top Entrada	569.00'	572.45'	12.68 deg	46.61'	231.42 deg	-29.08'	-36.43'	-1,214.92'	2,076.43'
D 1st EOB	600.00'	604.28'	13.64 deg	53.86'	231.42 deg	-33.60'	-42.09'	-1,210.40'	2,082.09'
E Fault	2,240.00'	2,291.87'	13.64 deg	451.80'	231.42 deg	-281.85'	-353.11'	-962.15'	2,393.11'
F Top Cutler	2,652.00'	2,715.83'	13.64 deg	551.77'	231.42 deg	-344.22'	-431.24'	-899.78'	2,471.24'
G Top Honaker Trail	3,265.00'	3,346.61'	13.64 deg	700.51'	231.42 deg	-437.01'	-547.49'	-806.99'	2,587.49'
H 2nd KOP	5,000.00'	5,131.96'	13.64 deg	1,121.50'	231.42 deg	-699.64'	-876.51'	-544.36'	2,916.51'
I Top Ismay	5,240.00'	5,376.69'	8.75 deg	1,168.99'	231.42 deg	-729.26'	-913.63'	-514.74'	2,953.63'
J Informational Depth	5,500.00'	5,638.27'	3.51 deg	1,196.91'	231.42 deg	-746.68'	-935.45'	-497.32'	2,975.45'
J 2nd EOB	5,675.58'	5,813.96'	0.00 deg	1,202.29'	231.42 deg	-750.04'	-939.66'	-493.96'	2,979.66'
K Informational	5,700.00'	5,838.38'	0.00 deg	1,202.29'	231.42 deg	-750.04'	-939.66'	-493.96'	2,979.66'
L Top Paradox Salt	5,735.00'	5,873.38'	0.00 deg	1,202.29'	231.42 deg	-750.04'	-939.66'	-493.96'	2,979.66'
M TD	5,742.00'	5,880.38'	0.00 deg	1,202.29'	231.42 deg	-750.04'	-939.66'	-493.96'	2,979.66'

ITERATIONS FOR FORMATION ENTRY POINTS

FIRST BUILD SECTION

	under srfc	Delta TVD					Course	Horizontal	Formation	Dip change
	1st Fm Tp	KOP TVD	KOP-Fm Tp	BRN	KOP Angle	Entry Angle	Length	Displcmnt	Dip	in fm. TVD
1st Iter.	200	149.62	50.38	3	0	1.51	50.39	0.66	0	0.00
2nd Iter.			50.38			1.51	50.39	0.66	0	0.00
3rd Iter.			50.38			1.51	50.39	0.66	0	0.00
4th Iter.			50.38			1.51	50.39	0.66	0	0.00
						Entry Pt TVD	Entry Pt. MD			
						200.00	200.01			

	under srfc	Delta TVD					Course	Horizontal	Formation	Dip change
	TVD	KOP TVD	KOP-Fm Tp	BRN	KOP Angle	Entry Angle	Length	Displcmnt	Dip	in fm. TVD
1st Iter.	569	149.62	419.38	0	0	12.68	422.83	46.61	0	0.00
2nd Iter.			419.38			12.68	422.83	46.61	0	0.00
3rd Iter.			419.38			12.68	422.83	46.61	0	0.00
4th Iter.			419.38			12.68	422.83	46.61	0	0.00
						Entry Pt TVD	Entry Pt. MD			
						569.00	572.45			

HOLD SECTION

	under srfc					
	3rd Fm Tp	EOB1 TVD	fm dta TVD	Hold Angle	Horz Displ	Form. Dip
1st Iter.	2240	600.00	1640.00	13.64	451.80	0
2nd Iter.			1640.00		451.80	0
3rd Iter.			1640.00		451.80	0
					Entry Pt TVD	Entry Pt. MD
					2240.00	2291.87

	under srfc					
	3rd Fm Tp	EOB1 TVD	fm dta TVD	Hold Angle	Horz Displ	Form. Dip
1st Iter.	2652	600.00	2052.00	13.64	551.77	0
2nd Iter.			2052.00		551.77	0
3rd Iter.			2052.00		551.77	0
					Entry Pt TVD	Entry Pt. MD
					2652.00	2715.83

	under srfc					
	4th Fm Tp	EOB1 TVD	fm dta TVD	Hold Angle	Horz Displ	Form. Dip
1st Iter.	3265	600.00	2665.00	13.64	700.51	0
2nd Iter.			2665.00		700.51	0
3rd Iter.			2665.00		700.51	0
					Entry Pt TVD	Entry Pt. MD
					3265.00	3346.61

FINAL BUILD SECTION

	under srfc	Delta TVD					Course	Horizontal	Formation	Dip change
	5th Fm Tp	KOP2 TVD	KOP-Fm Tp	BRN	KOP Angle	Entry Angle	Length	Displcmnt	Dip	in fm. TVD
1st Iter.	5240	5000.00	240.00	-2	13.64	8.75	244.73	1168.99	0	0.00
2nd Iter.			240.00			8.75	244.73	1168.99	0	0.00
3rd Iter.			240.00			8.75	244.73	1168.99	0	0.00
4th Iter.			240.00			8.75	244.73	1168.99	0	0.00
						Entry Pt TVD	Entry Pt. MD			
						5240.00	5376.69			

	under srfc	Delta TVD					Course	Horizontal	Formation	Dip change
	6th Fm Tp	KOP TVD	KOP-Fm Tp	BRN	KOP Angle	Entry Angle	Length	Displcmnt	Dip	in fm. TVD
1st Iter.	5500	5000.00	500.00	-2	13.64	3.51	506.31	1196.91	0	0.00
2nd Iter.			500.00			3.51	506.31	1196.91	0	0.00
3rd Iter.			500.00			3.51	506.31	1196.91	0	0.00
4th Iter.			500.00			3.51	506.31	1196.91	0	0.00
						Entry Pt TVD	Entry Pt. MD			
						5500.00	5638.27			

FINAL HOLD SECTION

	under srfc					
	3rd Fm Tp	EOB2 TVD	fm dta TVD	Hold Angle	Horz Displ	Form. Dip
1st Iter.	5700	5675.58	24.42	0	1,202.29	0

2nd Iter.		24.42		1,202.29	0
3rd Iter.		24.42		1,202.29	0
				Entry Pt TVD	Entry Pt. MD
				5700.00	5838.38

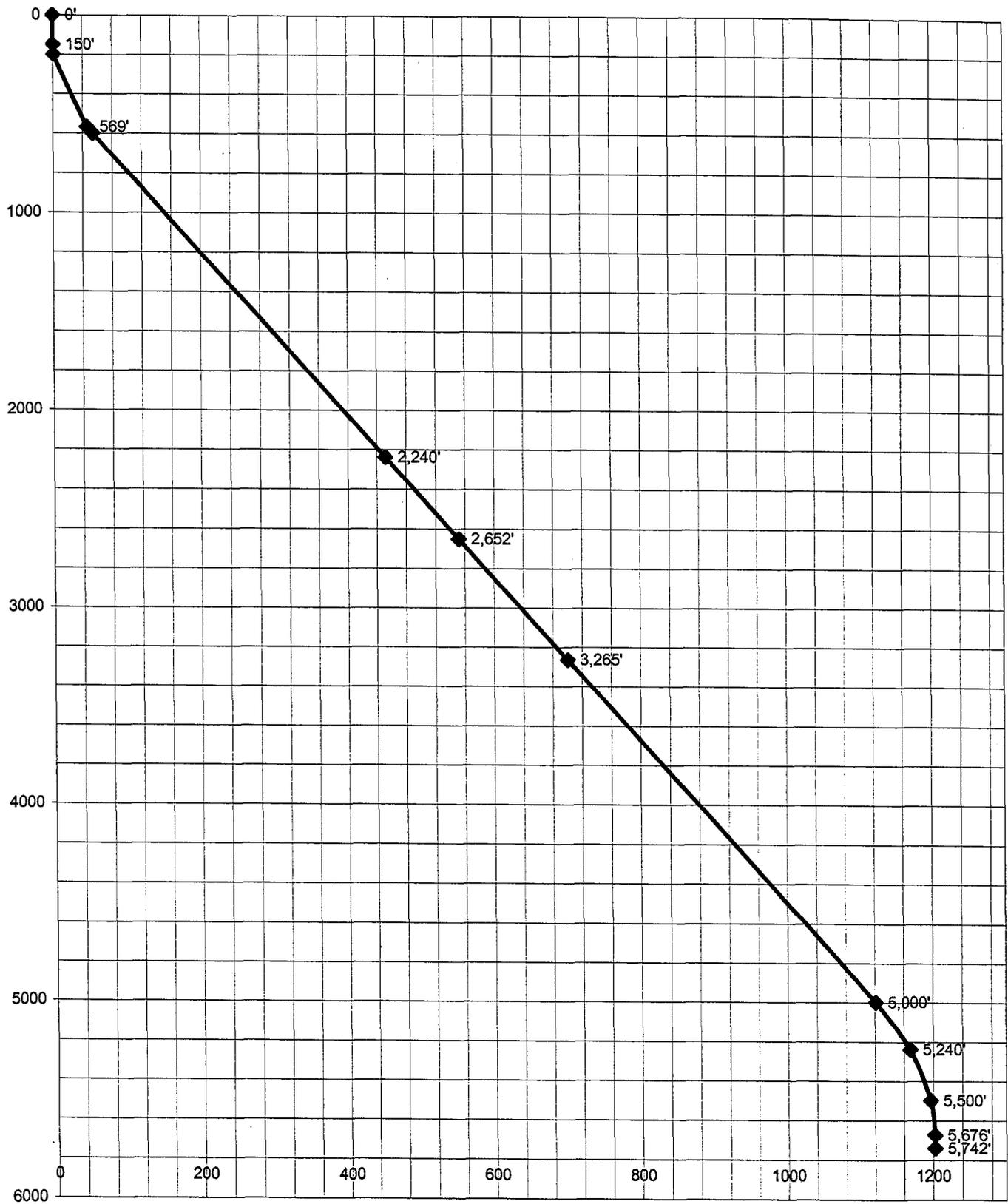
under srfc

	3rd Fm Tp	EOB1 TVD	fm dta TVD	Hold Angle	Horz Displ	Form. Dip
1st Iter.	5735	5675.58	59.42	0	1,202.29	0
2nd Iter.			59.42		1,202.29	0
3rd Iter.			59.42		1,202.29	0

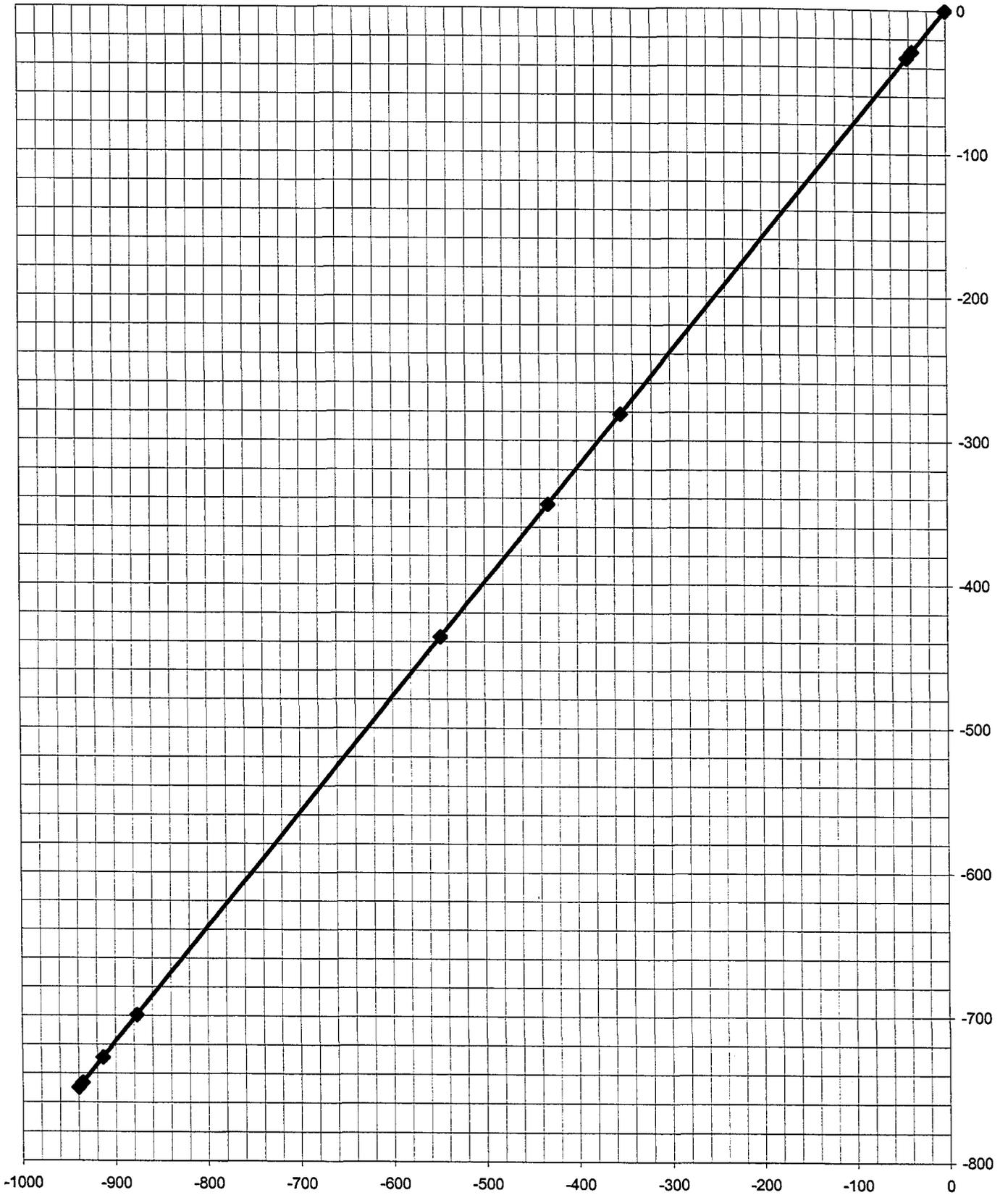
				Entry Pt TVD	Entry Pt. MD
				5735.00	5873.38

under srfc

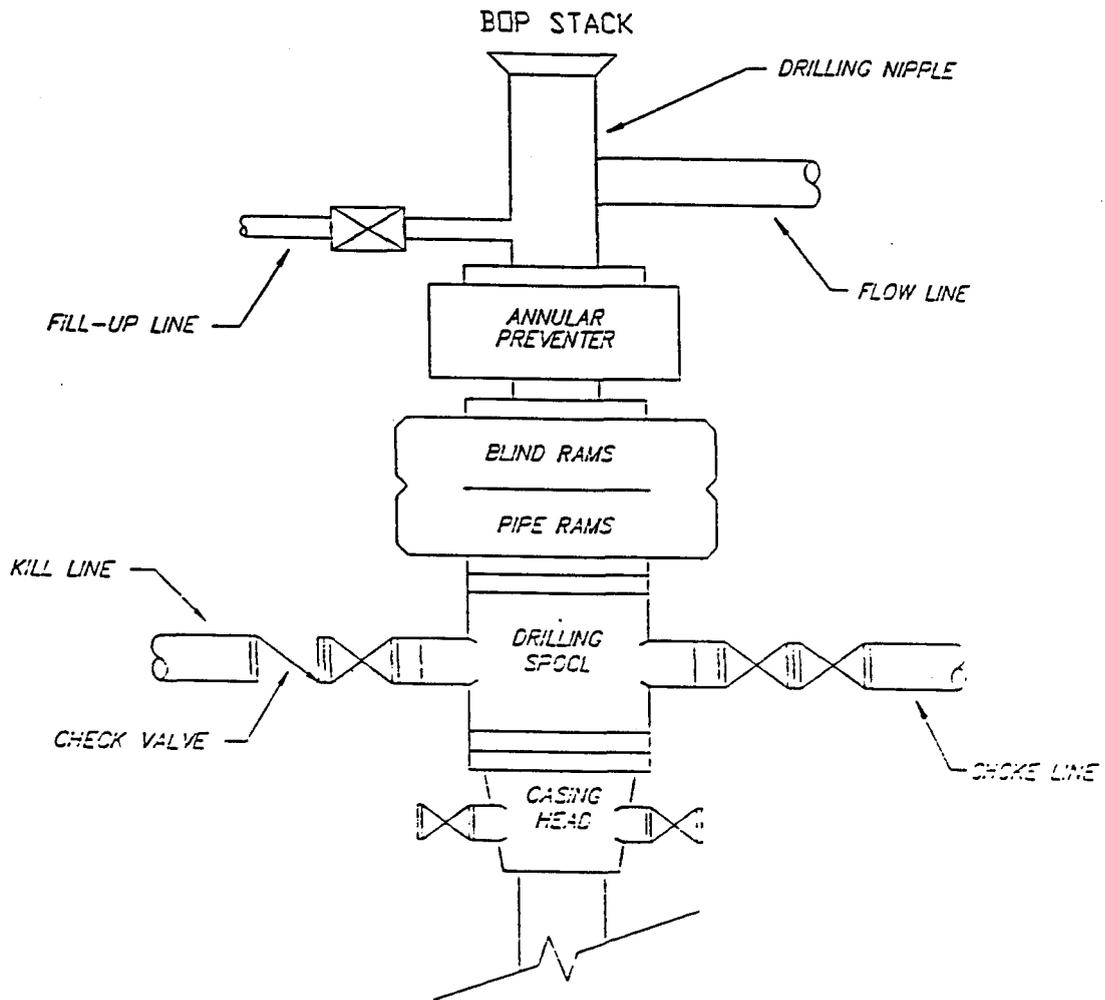
Well Bore Displacement / Cross Section
Bull Horn Unit 10-43 Well
Section 10 T30S R25E
San Juan County, Utah



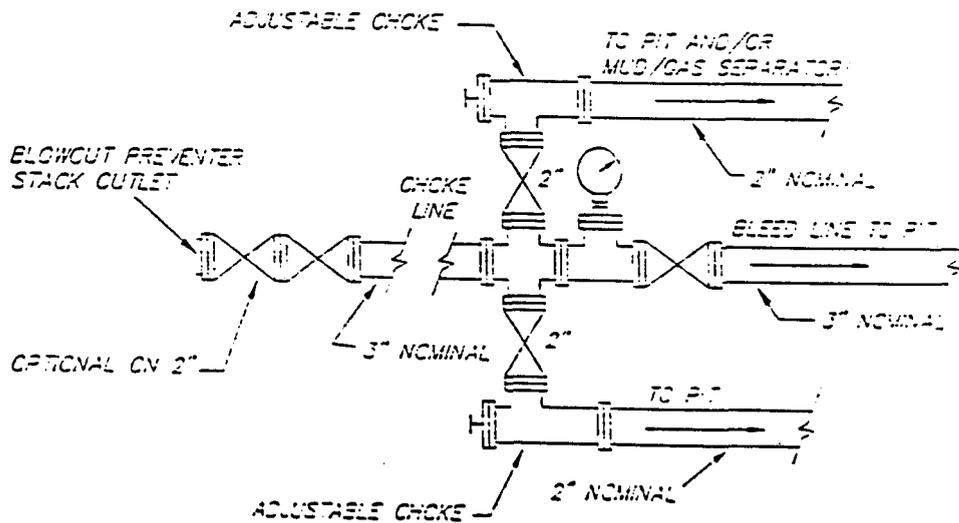
Well Bore Coordinates / Plan View
Bull Horn Unit 10-43 Well
Section 10 T30S R25E
San Juan County, Utah



**TYPICAL 3,000 p.s.i.
BLOWOUT PREVENTER SCHEMATIC**



**TYPICAL 3,000 p.s.i.
CHOKER MANIFOLD SCHEMATIC**



Tom Brown, Inc.

Lease No. UT-73190

Bull Horn Unit #10-43

SW SE, 1244' FSL and 2040' FEL (Surface)

SE SW, 494' FSL and 2286' FWL (Bottom Hole)

Section 10, T30S - R25E

San Juan County, Utah

SURFACE USE PLAN

ONSHORE OIL & GAS ORDER NO. 1
Thirteen Point Surface Use Plan

An onsite inspection of the subject well was conducted on Thursday, March 8, 2004 at approximately 1:30 p.m. Weather conditions were cool, breezy and sunny. In attendance at the onsite inspection were the following individuals:

Rich McClure	Bureau of Land Management
Donna & Norm Turnipseed	Bureau of Land Management
Rick Costanza	Tom Brown, Inc.
Dan Zwierzchowski	Tom Brown, Inc.
Lisa Smith	Permitco Inc.
Mike Shumway	K-Sue Corporation
Carol DeFrancia	Four Corners Archeology

1. EXISTING ROADS

- a. The proposed well site is located approximately 41.55 miles southeast of Moab, Utah.
- b. Directions to the location from Moab, Utah are as follows:

From, Moab, Utah proceed south on Highway 191 for 21.7 miles to LaSal Junction. Turn left on Highway 45 and proceed easterly for 6.7 miles to County Road 113 (paved). Turn right and proceed south for 5.7 miles to a fork in the road. Turn left onto County Road 2248 (gravel) and proceed southeasterly for 6.2 miles. Turn left onto County Road 357 and proceed northeasterly for 1.1 miles. Turn left onto the new access road and proceed northeasterly for 0.15 miles to the location.

- c. For location of access roads within a 2-Mile radius, see Maps A & B.
- d. Minor blading of Road 357 may be necessary. Improvement to the remaining County Roads will not be necessary as they are maintained by the San Juan County Road Department.



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Section 10, T30S - R25E

San Juan County, Utah

SURFACE USE PLAN

Page 2

- e. All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.
- f. Existing roads and newly constructed roads on surface under the jurisdiction of any Surface Managing Agency shall be maintained in accordance with the standards of the SMA.

2. PLANNED ACCESS ROADS

- a. There will be approximately 1.1 miles of road to be upgraded and 0.15 miles of new access road to be constructed.
- b. The new access will be constructed initially for drilling purposes to a maximum width of 21 feet. If production is established the running surface of the road will be 15 to 21 feet with a maximum disturbed width of 35 feet.
- c. The maximum grade of the new access will be approximately 4%.
- d. No turnouts will be necessary.
- e. No culverts or low water crossings will be necessary.
- f. The new access road was centerline flagged at the time of staking.
- g. Due to the rocky nature of the road and pad area, no surfacing will be necessary.
- h. No cattle guards will be necessary.
- i. Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved by the Field Manager in advance.
- j. If at any time the facilities located on public lands authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change) the BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental, or other financial obligations determined by the authorized officer.



Tom Brown, Inc.

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Section 10, T30S - R25E

San Juan County, Utah

SURFACE USE PLAN

Page 3

- k. All roads will be located within the Unit Boundary or will be located on lands managed by Utah SITLA.

3. LOCATION OF EXISTING WELLS WITHIN A 1-MILE RADIUS OF THE PROPOSED LOCATION.
SEE MAP "C"

- a. Water wells - none
- b. Injection wells - none
- c. Producing wells - none
- d. Drilling wells - none
- e. Shut In wells - none
- f. Abandoned wells - one

4. PROPOSED PRODUCTION FACILITIES

- a. Production facilities will be located on the well pad. A *Production Facilities Layout is attached.
- b. All permanent structures (onsite for six months or longer) constructed or installed (including oil well pump jacks) will be painted a flat, nonreflective color to match the standard environmental colors, as determined by the Rocky Mountain Five-State Interagency Committee. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded. Colors will match the adjacent vegetation. The actual color will be specified by the Bureau of Land Management.
- c. All site security guidelines identified in 43 CFR 3162.7-5 and Onshore Oil and Gas Order No. 3 shall be followed:



Tom Brown, Inc.

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SW SE, 1244' FSL and 2040' FEL (Surface)

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Section 10, T30S - R25E

San Juan County, Utah

SURFACE USE PLAN

Page 4

- d. If a gas meter run is constructed, it will be located within 500 feet of the wellhead. The gas flowline will be buried from the wellhead to the meter and will be buried downstream of the meter until it leaves the pad. Meter runs will be housed and/or fenced. The gas meter shall be calibrated prior to first sales and shall be calibrated quarterly thereafter. All gas production and measurement shall comply with the provision of 43 CFR 3162.7-3, Onshore Order No. 5 and American Gas Association (AGA) Report No. 3.
- e. The tank battery will be surrounded by a berm of sufficient capacity to contain 1-1/2 times the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All oil production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4.
- f. Production facilities on location may include a lined or unlined produced water pit as specified in Onshore Order No. 7. If water is produced from the well, an Onshore Order No. 7 application must be submitted.
- g. Any necessary pits will be properly fenced to prevent any wildlife entry.
- h. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the Authorized Officer.
- i. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic.
- j. The road will be maintained in a safe useable condition.
- k. This APD is to serve as our requested to Ammend Pipeline ROW #U-10809. Attached is our check in the amount of \$150.00 to cover the minimum application and monitoring fees for this pipeline. Pipeline details are as follows:
1. Tom Brown Inc. proposes to construct additional surface steel gas flowline to their proposed tie in-point located NW SW Sec. 15, T30S - R25E. The Bureau of Land Management will be notified prior to installation of the line.
 2. Any related structures would be located on the existing well pads or within the pipeline right of way. Associated facilities will include valving and metering. All



Tom Brown, Inc.

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SE SW, 494' FSL and 2286' FWL (Bottom Hole)

Section 10, T30S - R25E

San Juan County, Utah

SURFACE USE PLAN

Page 5

permanent above ground facilities, piping will be bare and valving will be a flat, non-contrasting color harmonious with the surrounding landscape.

3. The outside diameter of the line will be 4 inches. The total length of the added pipeline is approximately 1800 feet. Approximately 700 feet of that pipeline will be located on BLM lands. The remaining 1100 feet will be located within Section 16, on State Lands. A separate application will be filed with SITLA for construction of this pipeline. The construction width needed for total surface disturbing activities is 30 feet. The estimate of total surface disturbing activities on BLM lands is is .48 acres.
4. The amended pipeline right of way would begin at west edge of State Section 16, T30S - R25E in the NW SW of Section 15 and proceed southeasterly along an improved gravel road a distance of approximately 700 feet to an existing meter building.
5. BLM lands to be affected are as follows:

T30S - R25E
Sec. 15: NW SW
6. The route selected follows an existing road and creates the least amount of surface disturbance.
7. The term of years needed is 30 years or the entire life of the producing well, whichever is longer.
8. The time of use would be year round for transportation of natural gas.
9. The anticipated production through the line is 8000 MCFPD. The anticipated maximum test pressure is 1000 psi. The anticipated operating pressure is 650 psi.
10. All design, material, construction, operation, maintenance, and termination practices will be in accordance with safe and proven engineering practices.



CONSTRUCTION OPERATIONS

11. Construction sites will be maintained in a sanitary condition at all times; waste materials at those sites will be disposed of promptly at an appropriate waste disposal site. "Waste" means all discarded matter including human waste, trash, garbage, refuse, oil drums, petroleum products, ashes and equipment.

Pipeline construction will commence upon completion of the well.

Tom Brown Inc. will notify the authorized officer two to five days in advance of starting any construction activities.

Tom Brown, Inc. will not allow any construction or routine maintenance activities during periods when soil is too wet to adequately support construction equipment. If such equipment creates surface ruts in excess of 4 inches deep, Tom Brown, Inc. will deem that soil conditions are too wet to adequately support construction equipment. Construction activities will not be allowed until soil conditions improved.

Construction of the proposed pipeline will occur in a planned sequence of pipeline operations along the route. The construction period will last approximately two weeks. All construction materials will be hauled to the job by truck, as needed, and strung along the right of way as it arrives. Pipe will be strung in such a manner as to cause the least interference with the normal use of the land crossed by the right of way.

In areas of excessively steep terrain, stream bank crossings and established work stations, some blading may be required to provide a safe and suitable working areas for the equipment and workers.

Before seeding any disturbed areas, the right of way will be restored to its original form, slope, contour, and the soil density to the extent practicable. Stockpiled topsoil will be the top layer and will be evenly spread over the disturbed areas.

Upon completion of construction and burial operations, pipeline markers will be installed along the pipeline route.



Tom Brown, Inc.

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Section 10, T30S - R25E

SURFACE USE PLAN

San Juan County, Utah

The construction force is expected to number approximately six to eight persons at the peak of construction. No temporary work camps are proposed.

The following is a list of construction equipment proposed on the pipeline project:

- A. 1 Welding Truck
- B. 1 Tractor Trailer
- C. 1 Two Ton Truck
- D. 4 Pickup Trucks
- E. 1 Seed Driller and Tractor
- F. 1 Backhoe
- G. 1 Track hoe
- H. 1 Side Boom Caterpillar
- I. 1 Trencher

After pipeline construction is completed, pipeline marks will be installed at specified intervals for identifying the pipe's location.

PIPELINE MAINTENANCE

- 12. If damage occurs to the pipeline from external sources, repair or replacement of the portion of the pipeline may be necessary.

The holder will conduct all activities associated with the construction, operation, and termination of the right of way within the authorized limits of the right of way.

STABILIZATION AND ABANDONMENT

- 13. Following the completion of the pipeline test, the right of way traversed by the pipeline construction will be restored in accordance with BLM specifications. All disturbed areas will be recontoured so that the disturbed area blends into the surrounding terrain. Appropriate measures will be taken to prevent erosion through the use of construction diversion terraces, rip-rap, matting, and water bars.

The seedbed will be prepared by disking or ripping following the natural contour of the land. Seed will be drilled at a depth no greater than 1/2 inch. All disturbed areas



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SURFACE USE PLAN

Page 8

along the pipeline corridor will be reseeded to the BLM's specifications. Seed will be planted using a drill. In areas not suitable for drilling, the seed will be broadcasted and raked, or chained to cover the seed. Seeding will be completed in the fall after September 1 and prior to prolonged ground frost.

If pesticides are required, Tom Brown, Inc. will comply with all applicable Federal and State laws. Pesticides will be used in accordance with registered uses and within limitations imposed by the Secretary of Interior.

Tom Brown, Inc. will be responsible for weed control on the disturbed areas within the established limits of the right of way.

14. Tom Brown, Inc. will obtain any necessary authorizations prior to abandonment of the facilities. The pipeline and all above ground pipeline facilities will be removed and all unsalvageable materials will be disposed of at authorized sites. Regrading and re vegetation of disturbed land areas will be completed as necessary.
15. An archeological clearance has been conducted on the proposed pipeline route and will be submitted under separate cover by Four Corners Archeological.

5. LOCATION AND TYPE OF WATER SUPPLY

- a. All water needed for drilling purposes will be obtained from a pond at the Rattlesnake Ranch near Coyote Wash located in the SE/4 Sec. 15, T29S - R24E.
- b. Water will be hauled to location over the roads marked on Maps A and B.
- c. No water well is to be drilled on this lease.
- d. This water source is permitted under Permit No. 05-570.

6. CONSTRUCTION MATERIALS

- a. Pad construction material will be native (that found in the well pad).



- b. Native material found in the pad may also be used for road upgrading.
- c. The use of materials under BLM jurisdiction will conform with 43 CFR 3610.2-3.
- d. No construction materials will be removed from Federal land.

7. METHODS OF HANDLING WASTE DISPOSAL

- a. All fluids contained within the reserve pit will be allowed to evaporate and the pit will be backfilled. The reserve pit will not be lined.
- b. Burning will not be allowed. All trash will be contained in a trash cage and its contents removed at the end of drilling operations and hauled to an approved disposal sight. Trash will be hauled as necessary, but not later than at the completion of drilling operations.
- c. Any salts and/or chemicals which are an integral part of the drilling system will be disposed of in the same manner as the drilling fluid.
- d. Sewage will be placed in a portable chemical toilet or holding tank and disposed of in accordance with state and county regulations.
- e. The produced fluids (other than water) will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas salt water or other produced fluids will be cleaned up and removed.

8. ANCILLARY FACILITIES

There are no airstrips, camps, or other facilities planned during the drilling of the proposed well.

9. WELLSITE LAYOUT

- a. See Location Layout (Figure #1) and Typical Cross Sections (Figure #2) for orientation of rig, cross section of drill pad and cuts and fills.



Bull Horn Unit #10-43

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Lease No. UT-73190

SURFACE USE PLAN

Page 10

- b. Fencing will be constructed on each end of the archeological site, prior to construction. In addition, trees and rocks from the construction area will be stockpiled near the fence to keep traffic out of the area.
- c. Due to the rocky nature of the well pad and road, limited topsoil is available. However, as much topsoil as possible will be saved for reclamation purposes.
- d. Trees will be stockpiled separately from the topsoil as shown on the Location Layout (Figure #1).
- e. All wells, whether drilling, producing, suspended, or abandoned, will be identified in accordance with 43 CFR 3162.6
- f. The location of mud tanks; reserve pit, trash cage; pipe racks; living facilities and soil stockpiles will be shown on the Typical Rig Layout (Figure #3).
- g. A flare pit will be located a minimum of 30 feet from the edge of the reserve pit and a minimum of 150 feet from the well head.
- h. Any pits containing fluid will be fenced to prevent wildlife entry.
- i. The reserve it will be fenced on three sides during drilling and the fourth side will be fenced prior to rig release. The fence will be constructed of T-Posts and 4-strand barbed wire.

10. PLANS FOR RESTORATION OF SURFACE

- a. Immediately upon completion of drilling, all equipment that is not necessary for production shall be removed.
- b. The cuttings pit will be allowed to dry and will then be backfilled.
- c. Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash and junk not required for production.



Tom Brown, Inc.

Lease No. UT-73190

Bull Horn Unit #10-43

SW SE, 1244' FSL and 2040' FEL (Surface)
SE SW, 494' FSL and 2286' FWL (Bottom Hole)

Section 10, T30S - R25E

SURFACE USE PLAN

San Juan County, Utah

- d. Seeding will be done in the fall as required by the BLM. The suggested seed mixture is as follows:

<i>Species</i>	<i>#'s PLS/Acre</i>
Indian Ricegrass	4
Mormon Tea	2
Four-wing saltbush	4
TOTAL	10

- e. The abandonment marker will be at least four feet above ground level and will be inscribed with the following: operator name, lease number, well name and surveyed description (township, range, section and either quarter-quarter or footages).
- f. At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment.

11. SURFACE/MINERAL OWNERSHIP

Access Roads - All roads are County maintained or are located on lands managed by the BLM, with the exception of Section 16, which is managed by the Utah SITLA..

Well pad - The well pad is located on lands managed by the BLM.

12. OTHER INFORMATION

- a. A Class III archeological survey has been conducted by Four Corners Archeological. All significant cultural resources will be avoided during construction of the access road and well pad. A copy of this report will be submitted to the appropriate agencies by Four Corners Archeological.



Tom Brown, Inc.

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Section 10, T30S - R25E

San Juan County, Utah

SURFACE USE PLAN

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- b. The operator is responsible for informing all persons in the areas 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 and expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.
- If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.
- c. All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.
- d. A complete copy of the approved APD shall be on location during construction of the location and drilling activities.
- e. There will be no deviation from the proposed drilling and/or work over program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.h.



Tom Brown, Inc.

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Section 10, T30S - R25E

San Juan County, Utah

SURFACE USE PLAN

Page 13

- f. "Sundry Notice and Report on Wells" (From 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- g. This permit will be valid for a period of one year from the date of approval. An extension period may be granted, if requested, prior to the expiration of the original approval period.
- h. The operator or his contractor shall contact the BLM Offices at 435/259-6111 48 hours prior to construction activities.
- i. Utah SITLA will be contacted for access across Section 16, T30S - R25E.

13. LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATIONPermit Matters**PERMITCO INC.**

Lisa L. Smith
14421 County Road 10
Ft. Lupton, CO 80621
303/857-9999 (Office)
303/857-0577 (Fax)

Drilling & Completion Matters**TOM BROWN, INC.**

555-17th Street, Suite 1850
Denver, CO 80202
Dave Petrie - Regulatory
303/260-5000 (Office)
303/260-5007 (Fax)
303/ 205-9896 (Home) Greg Olson
303/324-9391 (Cell)

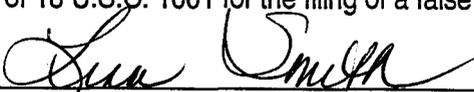
CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently 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 Tom Brown, Inc. and their contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

April 13, 2004

Date:



Lisa L. Smith - PERMITCO INC.

Authorized Agent for:

TOM BROWN, INC.



TOM BROWN, INC.
BULL HORN UNIT #10-43
 LOCATED IN SAN JUAN COUNTY, UTAH
 SECTION 10, T30S, R25E, S.L.B.&M.

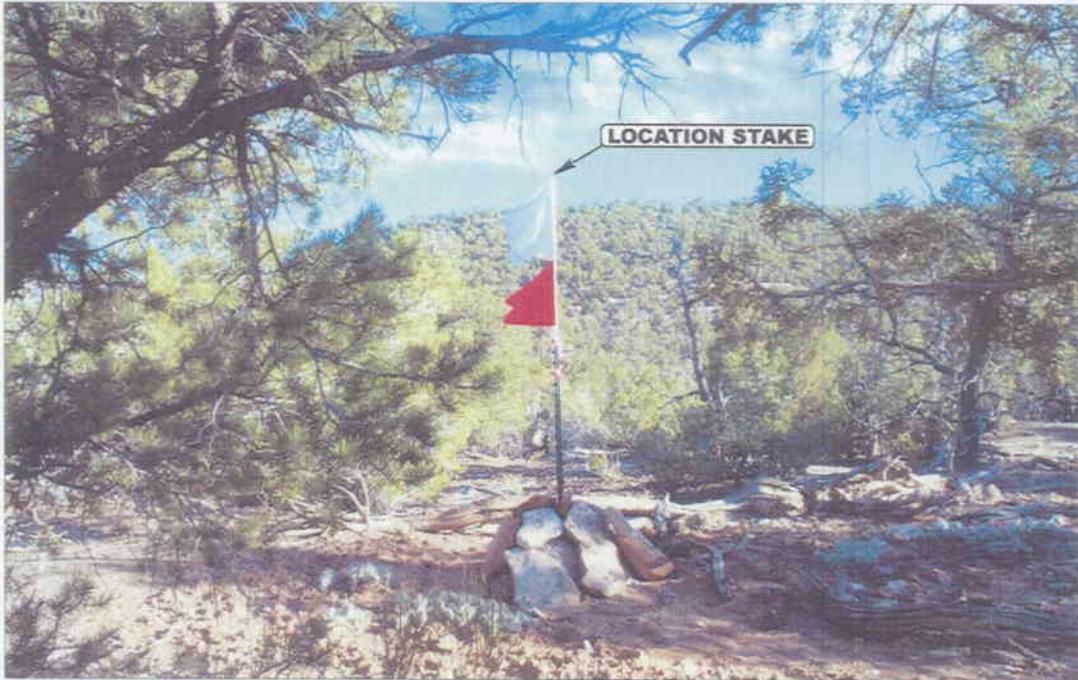


PHOTO: VIEW OF LOCATION STAKE

CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

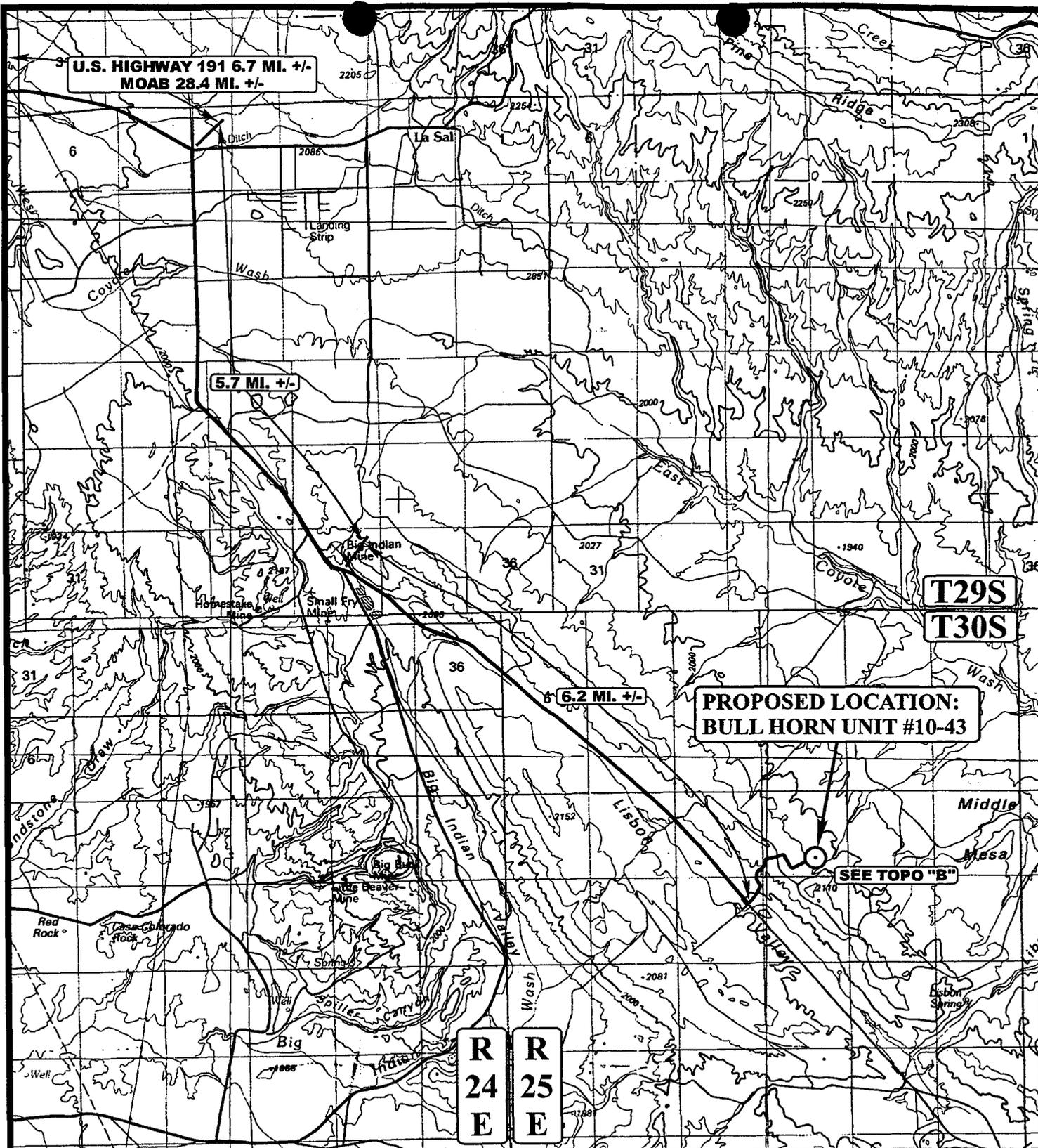
CAMERA ANGLE: NORTHEASTERLY



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

- Since 1964 -

LOCATION PHOTOS	03	22	04	PHOTO
TAKEN BY: B.B.	MONTH	DAY	YEAR	
DRAWN BY: P.M.	REVISED: 04-05-04			



U.S. HIGHWAY 191 6.7 MI. +/-
MOAB 28.4 MI. +/-

5.7 MI. +/-

6.2 MI. +/-

T29S
T30S

PROPOSED LOCATION:
BULL HORN UNIT #10-43

SEE TOPO "B"

R 24 E
R 25 E

LEGEND:

○ PROPOSED LOCATION



TOM BROWN, INC.

BULL HORN UNIT #10-43
SECTION 10, T30S, R25E, S.L.B.&M.
1244' FSL 2040' FEL

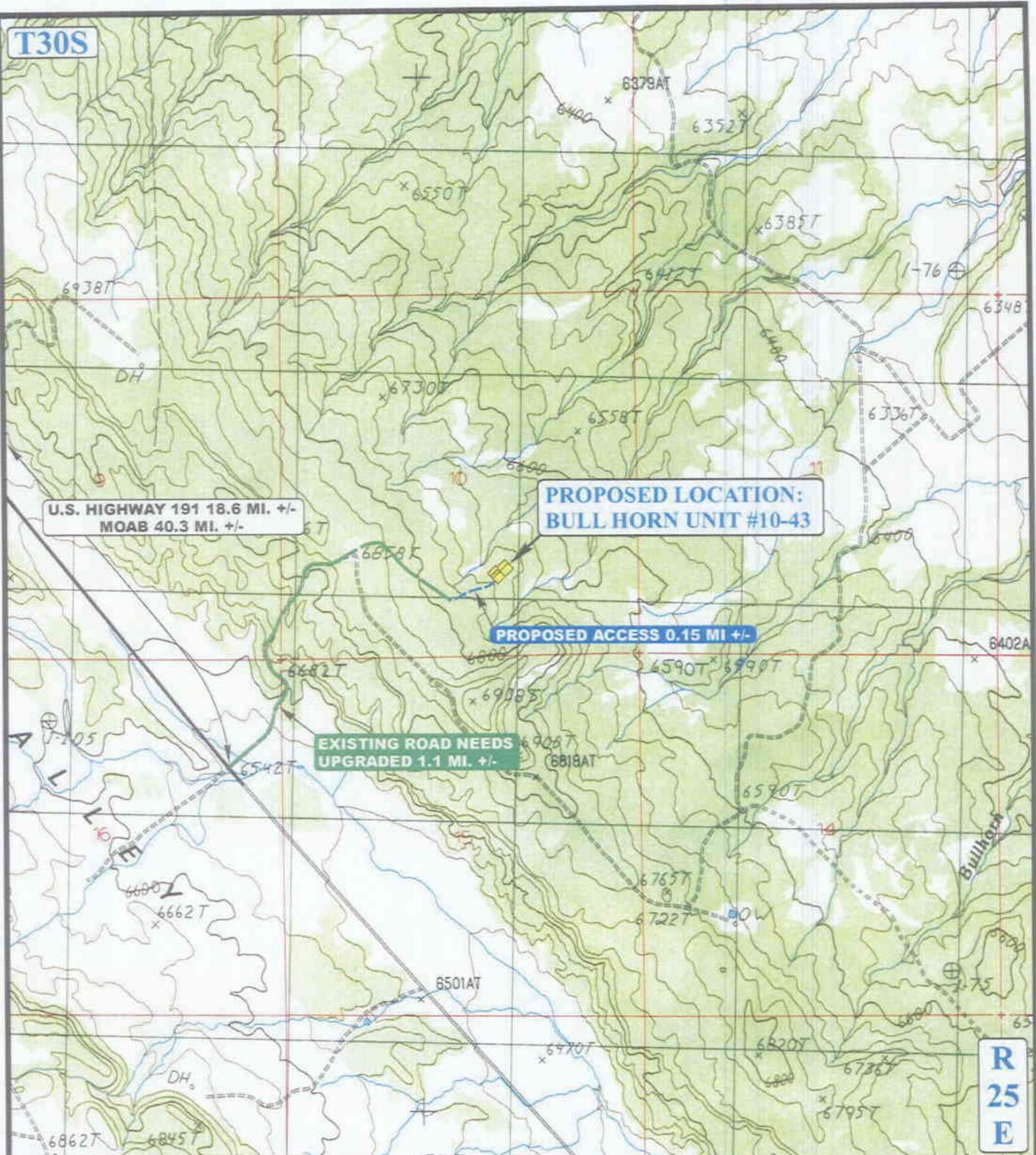


Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP
03 22 04
MONTH DAY YEAR
SCALE: 1:100,000 DRAWN BY: P.M. REVISED: 04-12-04



T30S



LEGEND:

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD
-  EXISTING ROAD NEEDS UPGRADED

TOM BROWN, INC.

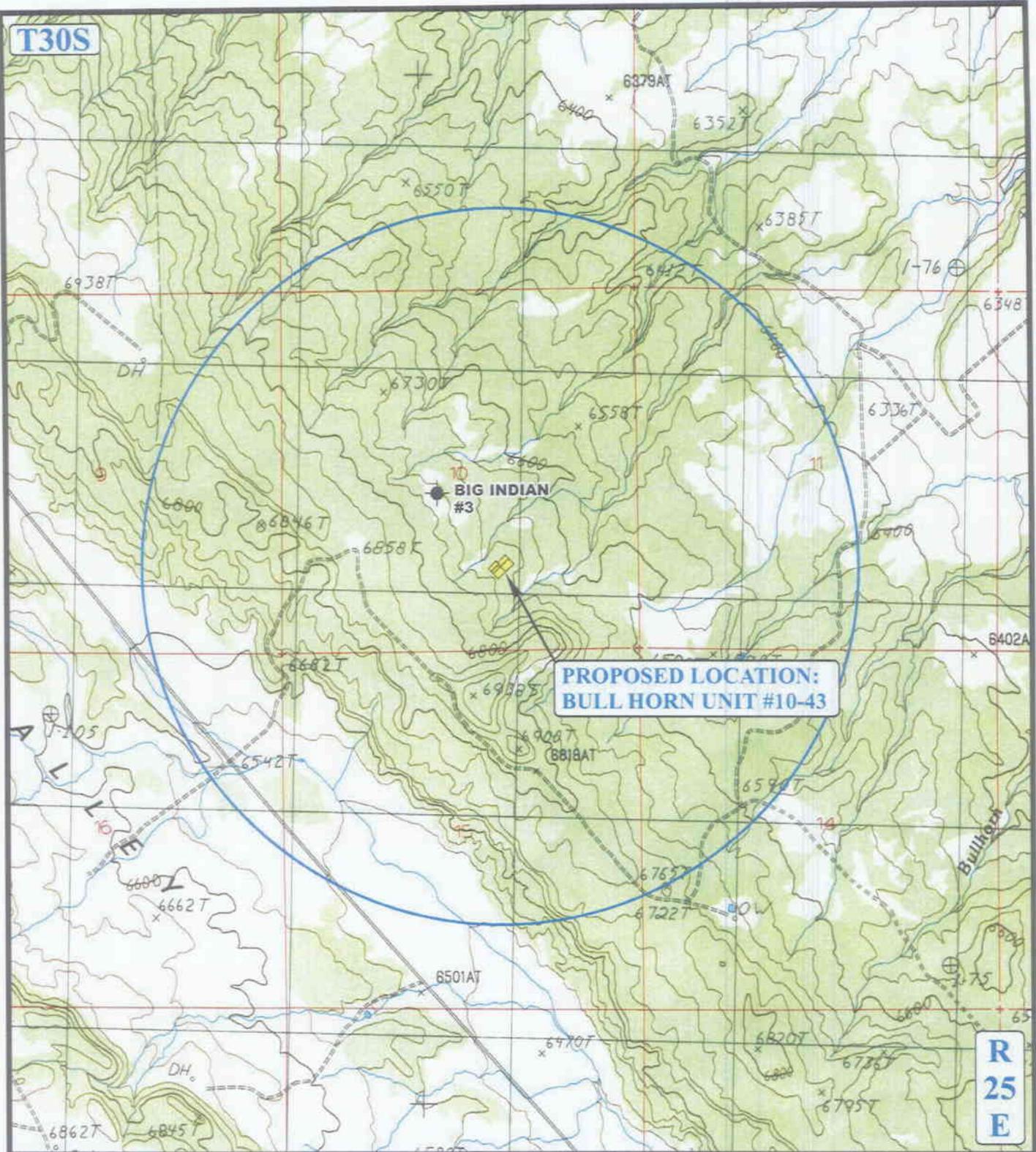
BULL HORN UNIT #10-43
SECTION 10, T30S, R25E, S.L.B.&M.
1244' FSL 2040' FEL

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



TOPOGRAPHIC 03 22 04
MAP MONTH DAY YEAR
 SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 04-12-04 **B**
 TOPO

T30S



**PROPOSED LOCATION:
BULL HORN UNIT #10-43**

R
25
E

LEGEND:

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



TOM BROWN, INC.

BULL HORN UNIT #10-43
SECTION 10, T30S, R25E, S.L.B.&M.
1244' FSL 2040' FEL

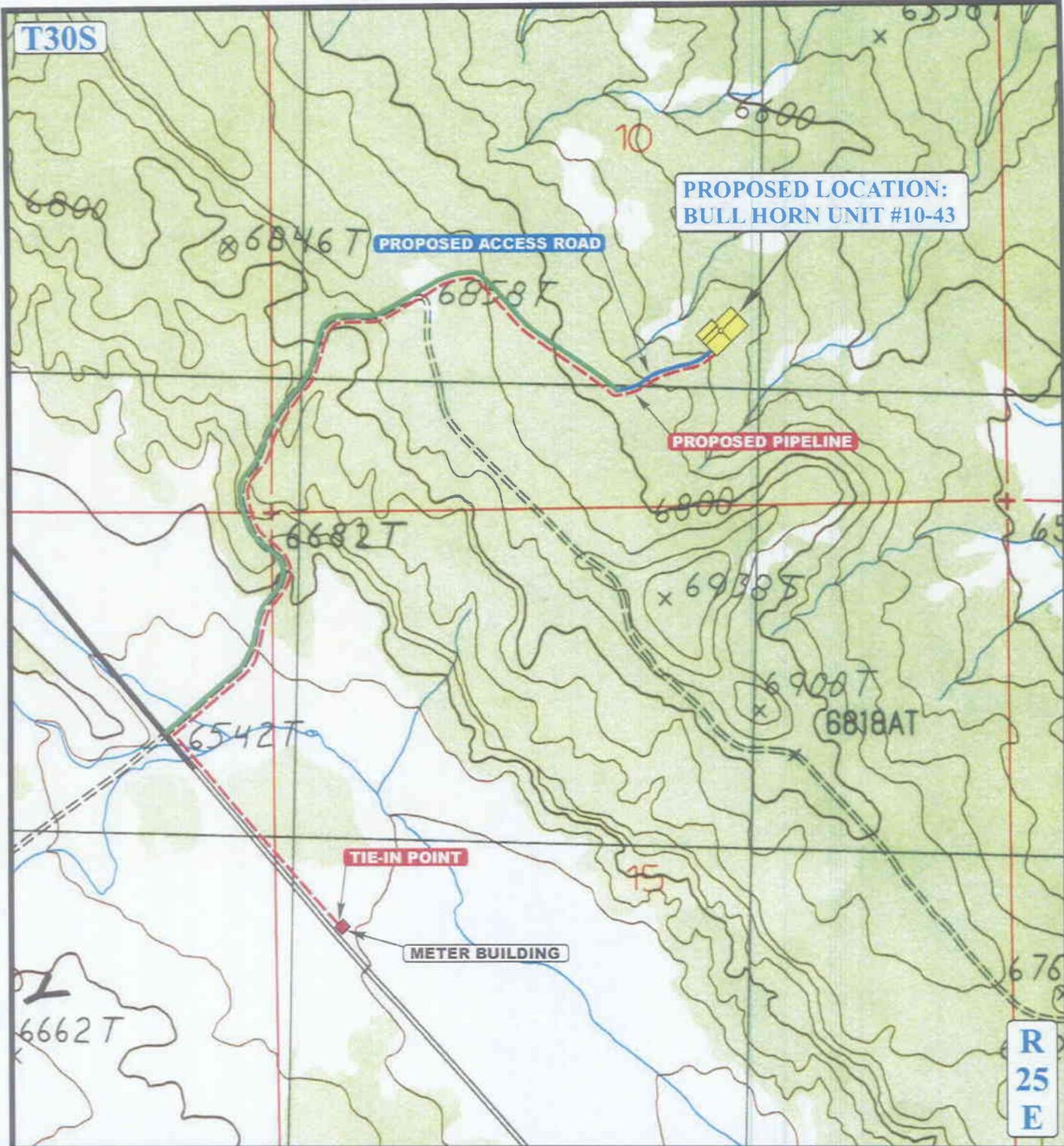


Uintah Engineering & Land Surveying
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TOPOGRAPHIC 03 22 04
MAP MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 04-05-04





**PROPOSED LOCATION:
BULL HORN UNIT #10-43**

PROPOSED ACCESS ROAD

PROPOSED PIPELINE

TIE-IN POINT

METER BUILDING

**R
25
E**

APPROXIMATE TOTAL PIPELINE DISTANCE = 8,500' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- - - PROPOSED PIPELINE
- METER BUILDING

TOM BROWN, INC.

**BULL HORN UNIT #10-43
SECTION 10, T30S, R25E, S.L.B.&M.
1244' FSL 2040' FEL**



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



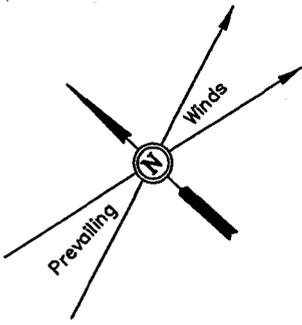
TOPOGRAPHIC MAP 03 22 04
MONTH DAY YEAR
SCALE: 1" = 1000' DRAWN BY: P.M. REVISED: 04-05-04



TOM BROWN, INC.

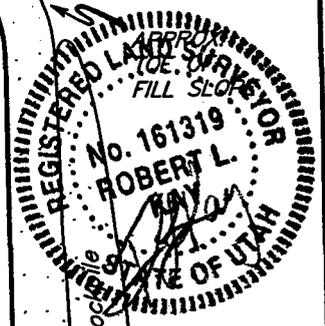
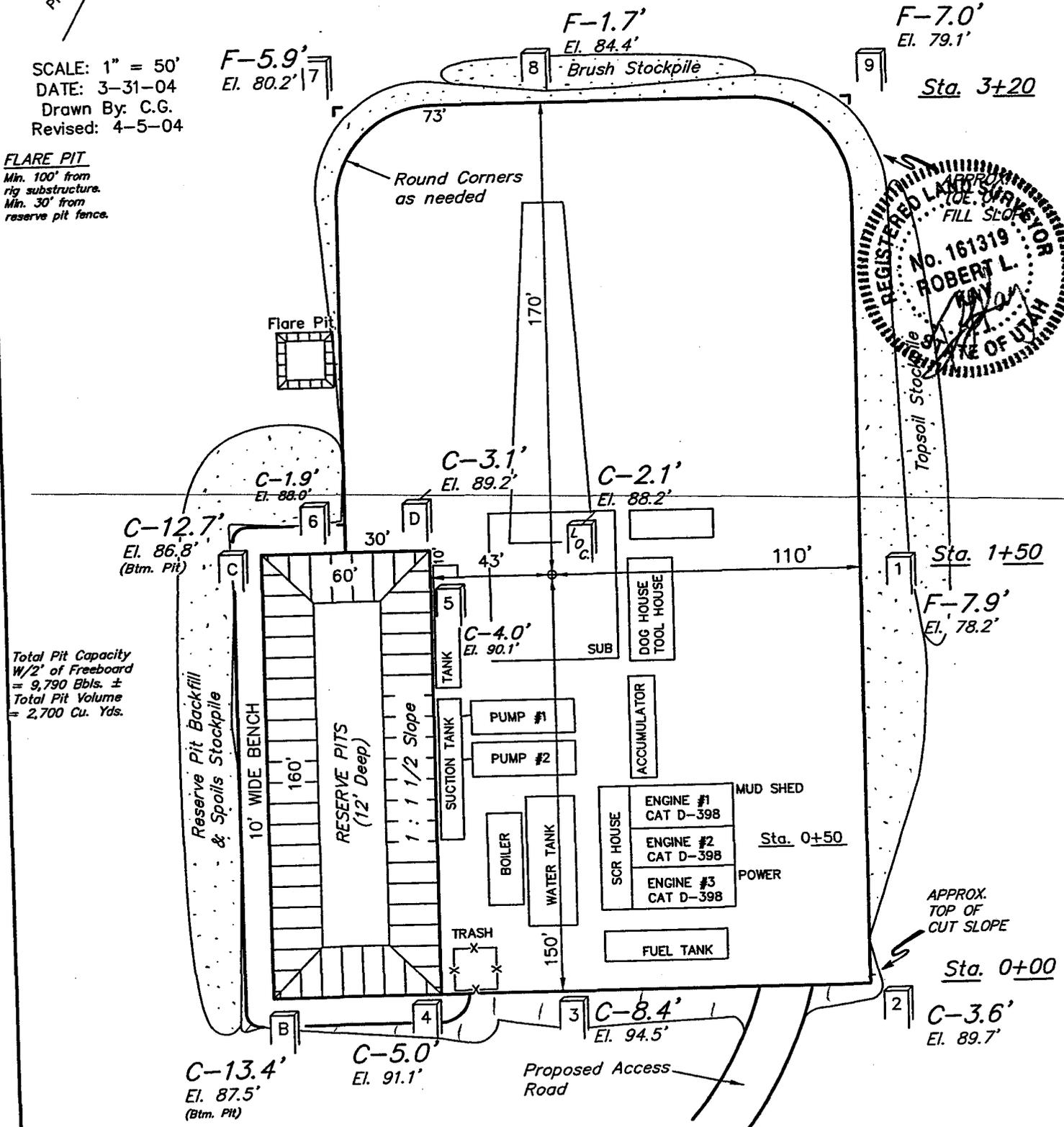
LOCATION LAYOUT FOR

BULL HORN UNIT #10-43
SECTION 10, T30S, R25E, S.L.B.&M.
1244' FSL 2040' FEL



SCALE: 1" = 50'
DATE: 3-31-04
Drawn By: C.G.
Revised: 4-5-04

FLARE PIT
Min. 100' from
rig substructure.
Min. 30' from
reserve pit fence.



Total Pit Capacity
W/2' of Freeboard
= 9,790 Bbbls. ±
Total Pit Volume
= 2,700 Cu. Yds.

Elev. Ungraded Ground at Location Stake = 6688.2'
Elev. Graded Ground at Location Stake = 6686.1'

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

TOM BROWN, INC.

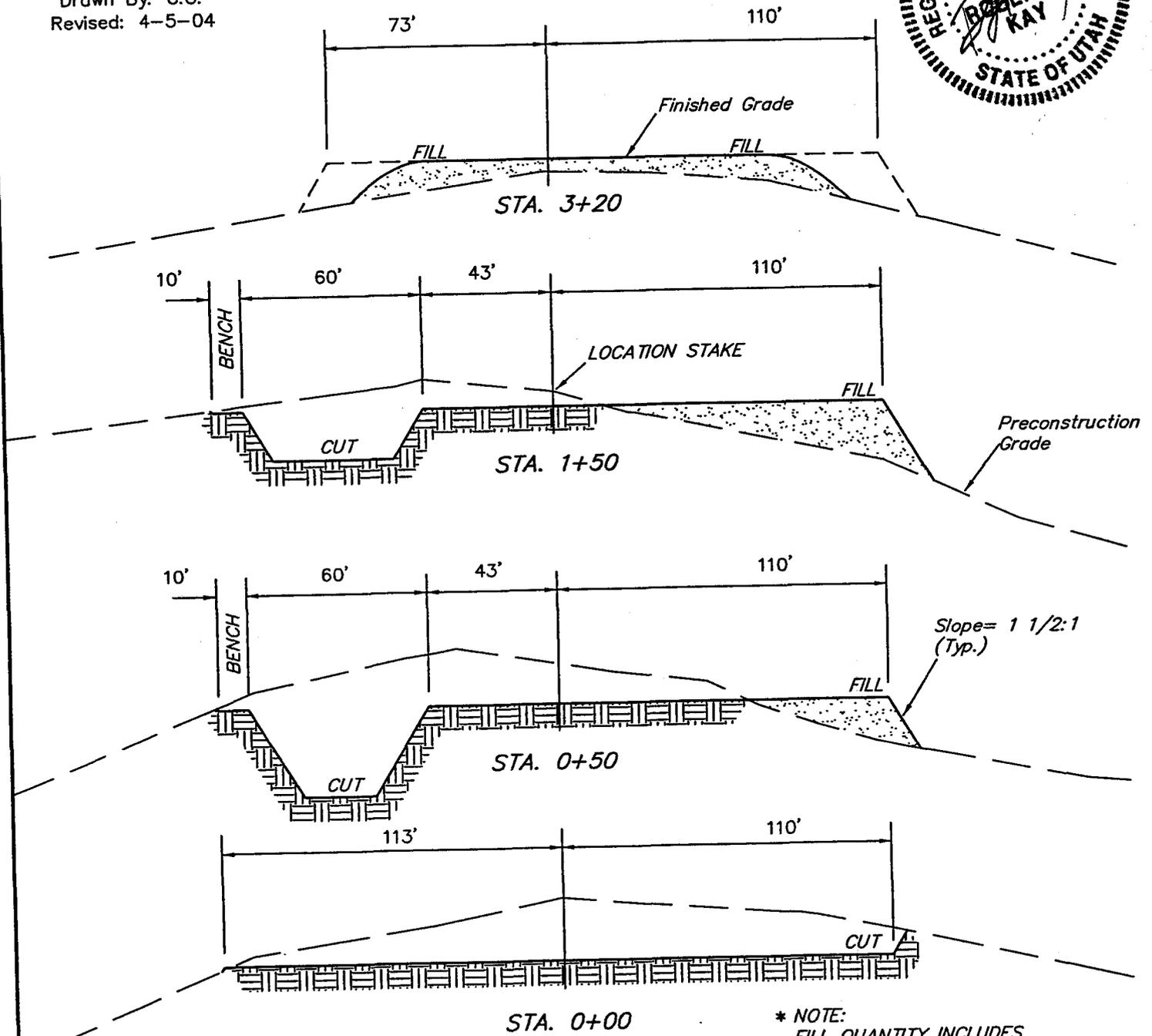
TYPICAL CROSS SECTION FOR

BULL HORN UNIT #10-43
SECTION 10, T30S, R25E, S.L.B.&M.
1244' FSL 2040' FEL



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

DATE: 3-31-04
 Drawn By: C.G.
 Revised: 4-5-04



APPROXIMATE YARDAGES

CUT		
(6") Topsoil Stripping	= 1,430	Cu. Yds.
Remaining Location	= 6,680	Cu. Yds.
TOTAL CUT	= 8,110	CU.YDS.
FILL	= 5,330	CU.YDS.

* NOTE:
 FILL QUANTITY INCLUDES
 5% FOR COMPACTION

EXCESS MATERIAL	= 2,780	Cu. Yds.
<i>Topsoil & Pit Backfill (1/2 Pit Vol.)</i>	= 2,780	Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0	Cu. Yds.

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

TOM BROWN, INC.
PRODUCTION FACILITY LAYOUT FOR

BULL HORN UNIT #10-43
SECTION 10, T30S, R25E, S.L.B.&M.
1244' FSL 2040' FEL

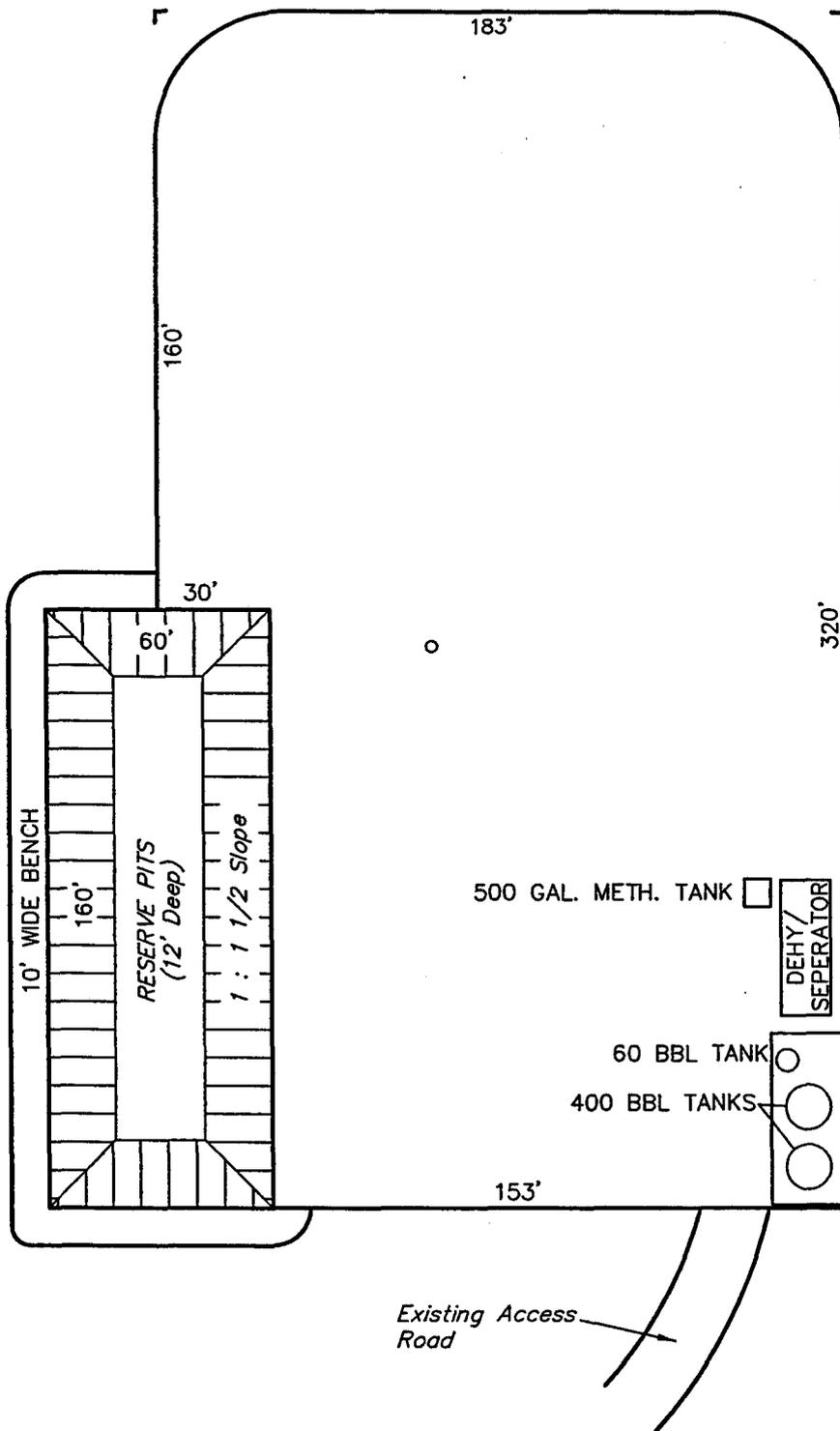


SCALE: 1" = 50'
DATE: 4-12-04
Drawn By: C.G.

FLARE PIT

Min. 100' from
rig substructure.
Min. 30' from
reserve pit fence.

Total Pit Capacity
W/2' of Freeboard
= 9,790 Bbls. ±
Total Pit Volume
= 2,700 Cu. Yds.



FEDERAL STIPULATIONS

Any timing restrictions for wildlife, imposed by the Bureau of Land Management, for this drill site will be stipulated as a Condition of Approval.



SAN JUAN COUNTY ROAD DEPARTMENT
835 EAST HIGHWAY 666
POST OFFICE BOX 188
MONTICELLO, UTAH 84535
PHONE: 435-587-3230
FAX: 435-587-2771

Application for Right-of-Way Encroachment Permit

Date: 4/13/2004

To: *San Juan County Surveyor / Engineer*
Post Office Box 188
Monticello, Utah 84535

Application is hereby made by: (1) Tom Brown, Inc. Attn: Georganne Mitchell

Address: (2) 555-17th Street, Suite 1850, Denver, CO 80202

Telephone Number: 303/260-5000 for permission to do the

following: (3) Tom Brown, Inc. proposes to construct an access approach off of County Road #357

to obtain access to a proposed drillsite location in the SW SE Sec. 10, T30S - R25E. See Topo Maps
attached.

Location: (4) Bull Horn Unit #10-43, 1244' FSL and 2040' FEL
SW SE Sec. 10, T30S - R25E

City _____ County San Juan State UT

or U.S. Highway No. _____ Milepost No. _____ in accordance with the attached plan (5)

(6) Construction will begin on or about 5/15 and will be completed
on or before August 30, 2004

If the proposed installation requires breaking of the pavement, give the following information:

A. Type of pavement N/A

B. The opening to be made will be N/A feet long by _____
feet wide and _____ feet deep.

C. A bond in the amount of \$ N/A has been posted with _____

_____ Telephone _____ to run a term of (3) years

after completion of work to guarantee satisfactory performance.

(7) If this permit is granted, we agree to comply with all conditions, restrictions and
and regulations contained in the "Regulations for the Control and Protection of State

Highway Rights-of-Way", approved by the Utah State Road Commission of October 8, 1962, and all revisions thereto or Regulations adopted by the San Juan County Commission.

(8) In approving this application and locations of utilities, and effort will be made to approve only locations that will not be affected in the event that San Juan County changes the roadway. But, in situations in which the utility has to be moved, this moving shall be done by the utility company or paid for by the company.

(9) For any and all applications requesting authority to use vibratory equipment, applicants shall:

- A. Provide map showing where vibrations will take place.
- B. Agree to repair any damages or replace any property damaged.
- C. Take full responsibility for proper flagging and traffic control.
- D. Agree that vibrating done in that area of dirt roads shall be done on the dirt road rather than in the bar ditch to minimize damage.
- E. Provide a schedule of the planned work and estimated dates of completion.
- F. Attach written permission from all adjacent fee-title owners.
- G. The San Juan County Commission has authorized the San Juan County Surveyor/Engineer (or his assignees) to issue permits.

(10) San Juan County can only grant permission to the extent the County has the authority to do so and the permission granted hereunder is limited to the interest of authority actually owned by San Juan County and no warranties of ownership or authority to grant permission is expressed or implied by the granting of this permit.



BY: Lisa Smith

Consultant for Tom Brown, Inc.

Title:

To be filed in by San Juan County Surveyor/Engineer.

(1) Permit should be granted _____
Permit should not be granted _____

(2) Additional requirements which should be imposed _____

SAN JUAN COUNTY SURVEYOR/ENGINEER

TOM BROWN, INC.

April 23, 2002

TO WHOM IT MAY CONCERN

Re: **Agent Authorization**

Gentlemen:

This letter is to inform you that Permitco is authorized to act as Agent and to sign documents on behalf of Tom Brown, Inc. when necessary for filing county, state and federal permits including Onshore Order No. 1, Right of Way applications, etc. for any of Tom Brown, Inc. permits in Colorado and Utah.

It should be understood that Permitco is acting as Agent only in those matters stated above and is not responsible for drilling, completion, production, or compliance regulations.

Tom Brown, Inc. agrees to accept full responsibility for operations conducted in order to drill, complete and produce the above-mentioned well.

This authorization is in effect until cancelled by Tom Brown, Inc.

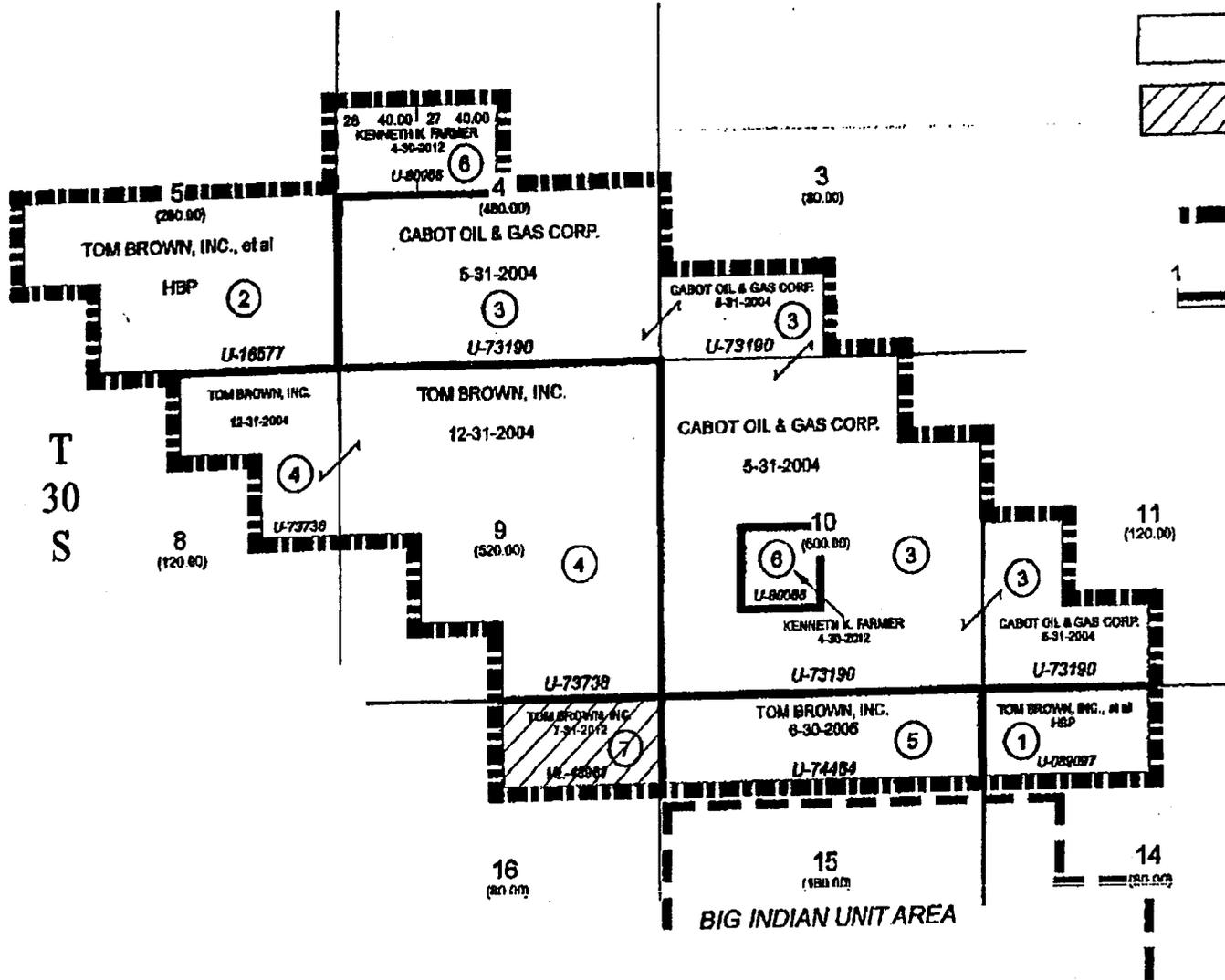
Sincerely,

TOM BROWN, INC.

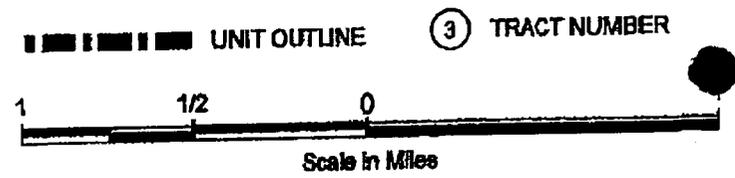


David S. Petrie
Regulatory, Environmental &
Govt. Relations Manager

R 25 E



	ACREAGE	PERCENTAGE
FEDERAL LANDS	2,360.00	96.72%
STATE LANDS	80.00	3.28%
TOTALS	2,440.00	100.00%



T
30
S

EXHIBIT "A"
BULL HORN UNIT AREA
 SAN JUAN COUNTY, UTAH

TOM BROWN, INC.
 DENVER, COLORADO

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/26/2004

API NO. ASSIGNED: 43-037-31831

WELL NAME: BULL HORN U 10-43
OPERATOR: TOM BROWN INC (N9885)
CONTACT: LISA SMITH

PHONE NUMBER: 303-857-9999

PROPOSED LOCATION:

SWSE 10 300S 250E
SURFACE: 1244 FSL 2040 FEL
BOTTOM: 0494 FSL 2286 FWL
SAN JUAN
WILDCAT (1)

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

LEASE TYPE: 1 - Federal
LEASE NUMBER: UT-73190
SURFACE OWNER: 1 - Federal
PROPOSED FORMATION: ISMY
COALBED METHANE WELL? NO

LATITUDE: 38.18876
LONGITUDE: 109.16250

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]
(No. ESO-183)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 05-570)
- RDCC Review (Y/N)
(Date:)
- Fee Surf Agreement (Y/N)

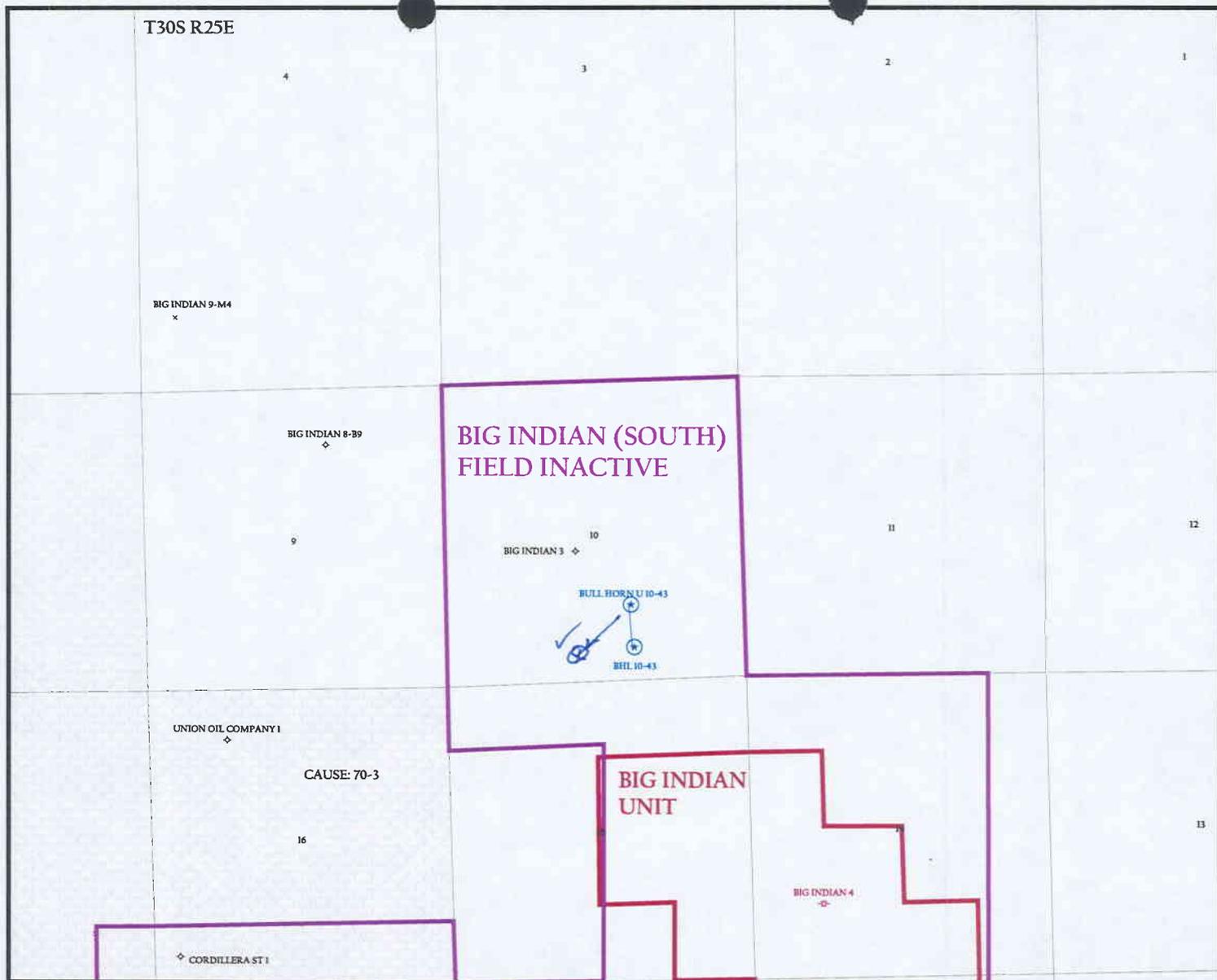
LOCATION AND SITING:

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

COMMENTS: _____

STIPULATIONS: _____

1- Federal approval
2- Spacing Strip



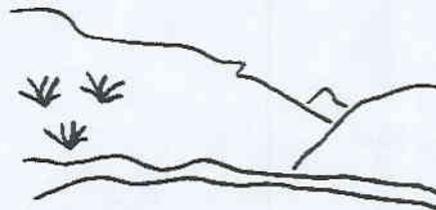
OPERATOR: TOM BROWN INC (N9885)

SEC. 10 T.30S, R.25E

FIELD: WILDCAT (001)

COUNTY: SAN JUAN

SPACING: R649-3-11 / DIRECTIONAL DRILLING



Utah Oil Gas and Mining

Well Status

- ⚡ GAS INJECTION
- ⊛ GAS STORAGE
- × LOCATION ABANDONED
- ⊕ NEW LOCATION
- ◇ PLUGGED & ABANDONED
- * PRODUCING GAS
- PRODUCING OIL
- ⊛ SHUT-IN GAS
- ⊛ SHUT-IN OIL
- ⊗ TEMP. ABANDONED
- TEST WELL
- △ WATER INJECTION
- ◆ WATER SUPPLY
- ⚡ WATER DISPOSAL

Unit Status

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

Field Status

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



PREPARED BY: DIANA WHITNEY
DATE: 15-APRIL-2004



State of Utah

Department of
Natural Resources

Division of
Oil, Gas & Mining

ROBERT L. MORGAN
Executive Director

LOWELL P. BRAXTON
Division Director

May 3, 2004

Tom Brown, Inc.
555 17th Street, Suite 1850
Denver, CO 80202

Re: Bull Horn Unit 10-43 Well, Surface Location 1244' FSL, 2040' FEL, SW SE, Sec. 10, T. 30 South, R. 25 East, Bottom Location 494' FSL, 2286' FWL, SE SW, Sec. 10, T. 30 South, R. 25 East, San Juan County, Utah

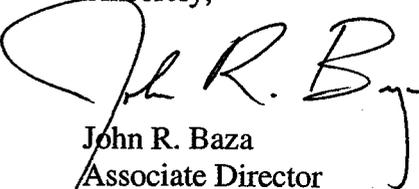
Gentlemen:

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

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-037-31831.

Sincerely,



John R. Baza
Associate Director

pab
Enclosures

cc: San Juan County Assessor
Bureau of Land Management, Moab District Office

Operator: Tom Brown, Inc.
Well Name & Number Bull Horn Unit 10-43
API Number: 43-037-31831
Lease: UT-73190

Surface Location: SW SE **Sec. 10** **T. 30 South** **R. 25 East**
Bottom Location: SE SW **Sec. 10** **T. 30 South** **R. 25 East**

Conditions of Approval

1. General

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

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

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

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

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

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

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

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

6. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000
RECEIVED
MOAB FIELD OFFICE

007

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UT-73190
b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name: N/A
2. Name of Operator Tom Brown, Inc.		7. If Unit or CA Agreement Name and No. Bull Horn Unit (Proposed)
3. Name of Agent PermitCo Inc. - Agent		8. Lease Name and Well No. Bull Horn Unit #10-43
4. Location of Well (Report location clearly and in accordance with any State requirements. *)		9. API Well No. 4303731831
At surface SW SE 1244' FSL and 2040' FEL	At proposed prod. zone SE SW 494' FSL and 2286' FWL	10. Field and Pool, or Exploratory Bull Horn
14. Distance in miles and direction from nearest town or post office* Approximately 41.6 miles southeast of Moab, UT		11. Sec., T., R., M., or Blk, and Survey or Area Sec. 10, T30S-R25E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 494' (Btm. Hole)	16. No. of Acres in lease 1,878.03	12. County or Parish San Juan
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. None	19. Proposed Depth 5880' MD - 5742 TVD	13. State UT
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6688' GL	20. BLM/BIA Bond No. on file Nationwide Bond No. ESO-183	17. Spacing Unit dedicated to this well 40 Acres
22. Approximate date work will start* May 15, 2004	23. Estimated duration 15 Days	

24. Attachments

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

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

CONFIDENTIAL-TIGHT HOLE

25. Signature	Name (Printed/Typed) Lisa L. Smith	Date 4/13/2004
Title Authorized Agent for Tom Brown, Inc.		

Approved by (Signature)	Name (Printed/Typed) Eric C. Jones	Date
Title Acting Assistant Field Manager, Division of Resources	Office Moab Field Office	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

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

*(Instructions on reverse)

CONDITIONS OF APPROVAL ATTACHED

RECEIVED
AUG 30 2004

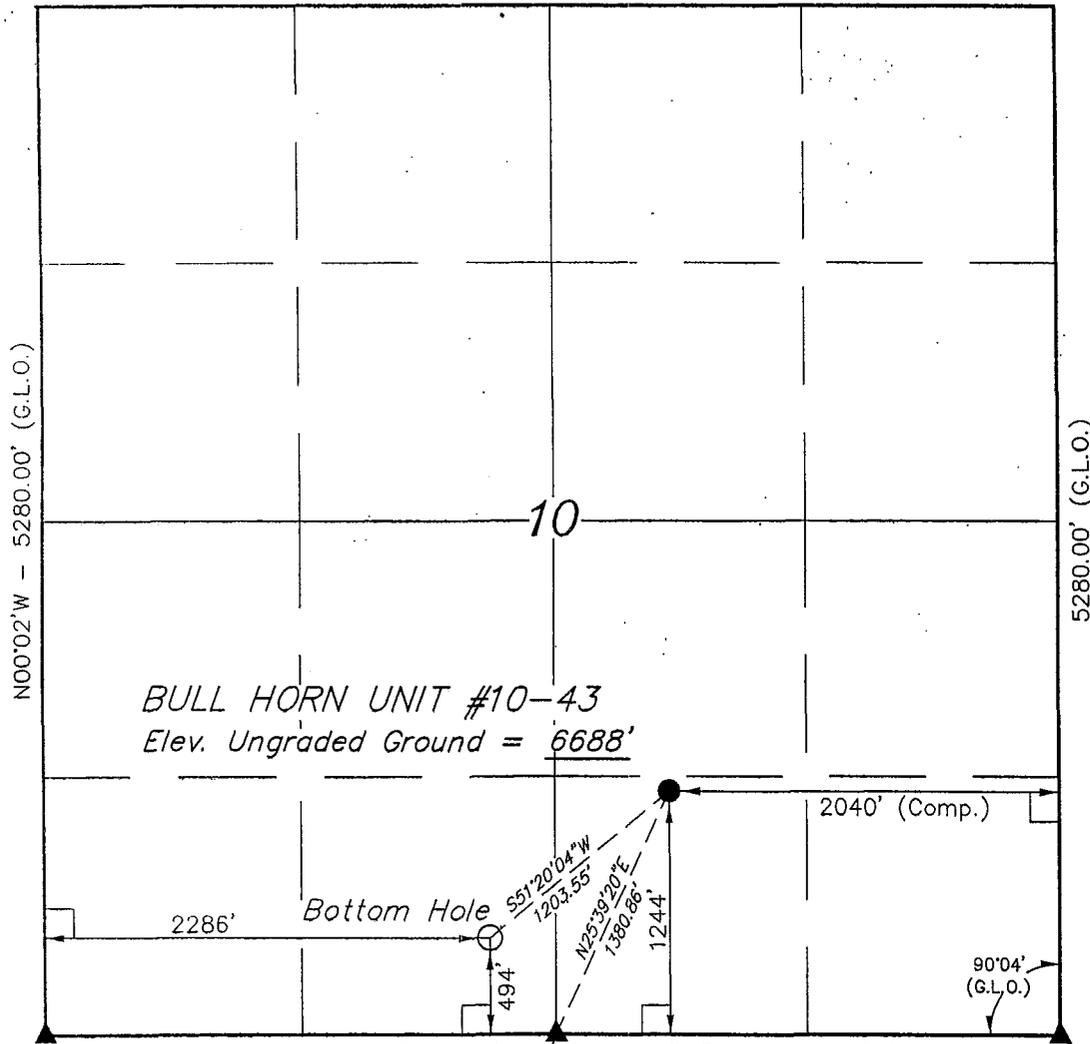
DIV. OF OIL, GAS & MINING

T30S, R25E, S.L.B.&M.

TOM BROWN INC.

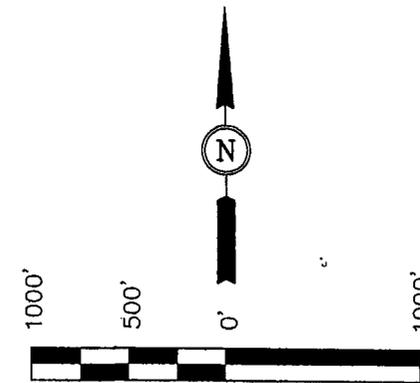
Well location, BULL HORN UNIT #10-43, located as shown in the SW 1/4 SE 1/4 of Section 10, T30S, R25E, S.L.B.&M. San Juan County, Utah.

S89°55'W - 5277.36' (G.L.O.)



BASIS OF ELEVATION

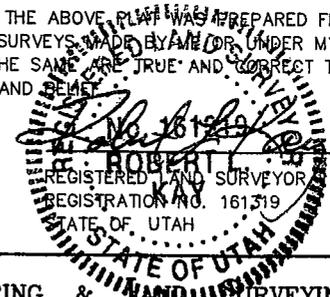
SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION 10, T30S, R25E, S.L.B.&M. TAKEN FROM THE LISBON VALLEY QUADRANGLE, UTAH, SAN JUAN COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6682 FEET.



SCALE

CERTIFICATE

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



REVISED: 4-20-04
REVISED: 4-5-04

1916 Brass Cap, N89°47'44"E - 2627.62' (Meas.) 1.2' High, Pile of Stones, Wooden Post
1916 Brass Cap, N89°54'01"E - 2638.41' (Meas.) 1.2' High, Scattered Stones

BASIS OF BEARINGS

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

(AUTONOMOUS NAD 83)
LATITUDE = 38°11'18.81" (38.188558)
LONGITUDE = 109°09'47.40" (109.163167)

LEGEND:

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

UNTAH ENGINEERING & SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(801) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 3-18-04	DATE DRAWN: 3-22-04
PARTY B.B. T.H. C.G.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE TOM BROWN INC.	

Tom Brown, Inc.
Bull Horn Unit 10-43
Lease UTU73190
Surface Location: SWSE Section 10, T30 S, R25E
Bottom Hole Location: SESW Section 10, T30S, R25E
San Juan County, Utah

A COMPLETE COPY OF THIS PERMIT SHALL BE KEPT ON LOCATION from the beginning of site construction through well completion, and shall be available to contractors to ensure compliance.

CONDITIONS OF APPROVAL

The normal approval period of an application is one year from the date of approval however, this well must be spud prior to September 30, 2004 (the expiration date of the lease). This permit will no longer be valid if drilling does not commence prior to September 30, 2004.

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Tom Brown, Inc. is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by ES0183 (Principal – Tom Brown, Inc.) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

All lease operations will be conducted in full compliance with applicable regulations (43 CFR 3100), Onshore Oil and Gas Orders, lease terms, notices to lessees, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors.

A. DRILLING PROGRAM

1. The proposed 3M BOPE is adequate for anticipated conditions. Installation, testing and operation of the system shall be in conformance with Onshore Oil and Gas Order No. 2.
2. Concurrent approval from the State of Utah, Division of Oil, Gas & Mining (DOGM) is required before conducting any surface disturbing activities.
3. A cement bond log (CBL), or other appropriate tool for determining top-of-cement, shall be run on the production casing string and shall be submitted to BLM.
4. The surface casing shall be set not less than 50 feet (vertically) into the Chinle Formation. With the surface casing setting depth proposed at 1800 feet MD, and the Chinle top anticipated at 1784 feet TVD, the casing may have to be extended in order to reach 50 feet into the Chinle.

17

B. SURFACE USE PLAN

1. The operator or his contractor will contact the Moab Field Office (Rich McClure, 435-259-2127), at least two working days prior to the anticipated start of construction to schedule a pre-work conference. The construction contractor and an approved archaeologist will attend the pre-work conference to inspect cultural resource sites and to flag areas for avoidance.
2. An approved archaeologist will monitor portions of the road and pipeline construction as specified in the cultural resources inventory report prepared by Four Corners Archaeological Services, State Project No. U-04-FE-0332b,s.
3. In order to protect nesting raptors, no road/well pad construction or drilling operations will be authorized between February 1 and August 31. The limitation does not apply to maintenance and operation of producing wells. Exceptions to this limitation may be specified in writing by the Moab Field Office.
4. In order to protect wintering big game animals, no road/well pad construction or drilling operations will be authorized between November 1 and May 15. The limitation does not apply to maintenance and operation of producing wells. Exceptions to this limitation may be specified in writing by the Moab Field Office.
5. The existing cattleguard on County Road No. 357 will be:
 - a. replaced with a heavy duty cattleguard that will withstand truck traffic, if the construction or drilling operations occur during the livestock grazing season (November - June), or
 - b. removed prior to construction and replaced after drilling operations, if the construction and drilling occur when livestock are not in the area.

Exceptions to this limitation may be specified in writing by the Moab Field Office.

6. The reserve pit will be lined with a synthetic material. The synthetic material will meet the provisions for pit liners provided by Moab Field Office (Section 02666c) or the following requirements: minimum three year lifespan for UV protection, water tightness with permeability not to exceed 1×10^{-7} cm/sec, minimum thickness of 30 mils based on ASTM D 1593 or ASTM D 5199, and a minimum specific gravity of 1.15 according to ASTM D 792. A manufacturer's product sheet or other written documentation will be provided to the Moab Field Office (Rich McClure, 435-259-2127) to verify the material will meet the required specifications. Alternate liner materials will require review and written approval from the Moab Field Office.
7. In the event the well pad or road is graveled or surfaced, the material will be removed prior to recontouring the surface for reclamation.

C. REQUIRED APPROVALS, REPORTS AND NOTIFICATIONS

Required verbal notifications are summarized in Table 1, attached.

Building Location- Contact the BLM, Natural Resource Protection Specialist at least 48-hours prior to commencing construction of location.

Spud- The spud date will be reported to BLM 24-hours prior to spudding. Written notification in the form of a Sundry Notice (Form 3160-5) will be submitted to the Moab Field Office within 24-hours after spudding, regardless of whether spud was made with a dry hole digger or big rig.

Daily Drilling Reports- Daily drilling reports shall detail the progress and status of the well and shall be submitted to the Moab Field Office on a weekly basis.

Monthly Reports of Operations- In accordance with Onshore Oil and Gas Order No. 1, this well shall be reported on Minerals Management Service (MMS) Form 3160, "Monthly Report of Operations," starting the month in which operations commence and continuing each month until the well is physically plugged and abandoned. This report will be filed directly with MMS.

Sundry Notices- There will be no deviation from the proposed drilling and/or workover program without prior approval. "Sundry Notices and Reports on Wells" (Form 3160-5) will be filed with the Moab Field Office for approval of all changes of plans and subsequent operations in accordance with 43 CFR 3162.3-2. Safe drilling and operating practices must be observed.

Drilling Suspensions- Operations authorized by this permit shall not be suspended for more than 30 days without prior approval of the Moab Field Office. All conditions of this approval shall be applicable during any operations conducted with a replacement rig.

Undesirable Events- Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be immediately reported to the BLM in accordance with requirements of NTL-3A.

Cultural Resources- If cultural resources are discovered during construction, work that might disturb the resources is to stop, and the Price Field Office is to be notified.

First Production- Should the well be successfully completed for production, the Moab Field Office will be notified when the well is placed in producing status. Such notification may be made by phone, but must be followed by a sundry notice or letter not later than five business days following the date on which the well is placed into production.

A first production conference will be scheduled as soon as the productivity of the well is apparent. This conference should be coordinated through the Moab Field Office. The Moab Field Office shall be notified prior to the first sale.

Well Completion Report- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted to the Moab Field Office not later than thirty-days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. When requested, samples (cuttings and/or samples) will be submitted to the Moab Field Office.

Venting/Flaring of Gas- Gas produced from this well may not be vented/flared beyond an initial, authorized test period of 30 days or 50 MMcf, whichever first occurs, without the prior, written approval of the Moab Field Office. Should gas be vented or flared without approval beyond the authorized test period, the well may be ordered shut-in until the gas can be captured or approval to continue the venting/flaring as uneconomic is granted. In such case, compensation to the lessor (BLM) shall be required for that portion of the gas that is vented/flared without approval and which is determined to have been avoidably lost.

Produced Water- An application for approval of a permanent disposal method and location will be submitted to the Moab Field Office for approval pursuant to Onshore Oil and Gas Order No.7.

Off-Lease Measurement, Storage, Commingling- Prior approval must be obtained from the Moab Field Office for off-lease measurement, off-lease storage and/or commingling (either down-hole or at the surface).

Plugging and Abandonment- If the well is completed as a dry hole, plugging instructions must be obtained from the Moab Field Office prior to initiating plugging operations.

A "Subsequent Report of Abandonment" (Form 3160-5) will be filed with the Moab Field Office within thirty-days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Price Field Office or the appropriate surface managing agency.

TABLE 1

NOTIFICATIONS

Notify Rich McClure (435-259-2127) BLM Moab Field Office, or Jeff Brown (435-587-1525) BLM Monticello Field Office for the following:

2 days prior to commencement of dirt work, construction and reclamation (McClure);

1 day prior to spudding (Brown);

50 feet prior to reaching the surface casing setting depth (Brown);

3 hours prior to testing BOPE (Brown).

If the person at the above number cannot be reached, notify the Moab Field Office at 435-259-2100. If unsuccessful, contact the person listed below.

Well abandonment operations require 24 hour advance notice and prior approval. In the case of newly drilled dry holes, verbal approval can be obtained by calling the Moab Field Office at 435-259-2100. If approval is needed after work hours, you may contact the following:

Eric Jones, Petroleum Engineer

Office: 435-259-2117

Home: 435-259-2214

BHL Report

*Calculated using the Minimum Curvature Method
Computed using PDS VER2.2.6
Vertical Section Plane: 231.41 deg.*

Survey Reference: WELLHEAD
Vertical Section Reference: WELLHEAD
Closure Reference: WELLHEAD
TVD Reference: WELLHEAD

Tom Brown Inc
Bullhorn Unit #10-43
San Juan Co., UT
Rig: Cyclone #16

CONFIDENTIAL

Decl: 11.76° East to True
KBH: 15' To Ground Level

PES Office Supervisor:
Rich Arnold
PES Field Engineer:
Aaron Carlson
PES Directional Drillers:
Dan Groelle, Todd Guffy

Measured Depth	5800.00	(ft)
Inclination	5.63	(deg)
Azimuth	230.26	(deg)
True Vertical Depth	5657.32	(ft)
Vertical Section	1228.17	(ft)
Rectangular Offsets		
North/South	771.43 S	(ft)
East/West	955.70W	(ft)
Closure Dist & Dir	1228.19@231.09	(deg)
Dogleg Severity	0.00	(deg/100ft)
Build Rate	0.00	(deg/100ft)
Walk Rate	0.00	(deg/100ft)

Survey Report

*Calculated using the Minimum Curvature Method
 Computed using PDS VER2.2.6
 Vertical Section Plane: 231.41 deg.*

Survey Reference: WELLHEAD
 Vertical Section Reference: WELLHEAD
 Closure Reference: WELLHEAD
 TVD Reference: WELLHEAD

Tom Brown Inc
 Bullhorn Unit #10-43
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Decl: 11.76° East to True
 KBH: 15' To Ground Level

PES Office Supervisor:
 Rich Arnold
 PES Field Engineer:
 Aaron Carlson
 PES Directional Drillers:
 Dan Groelle, Todd Guffy

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)		Closure Dist. (ft)	Dir. (deg.)	DLS (dg/100ft)
TIE INTO SURFACE.										
0.00	0.00	0.00	0.00	0.00	0.00	0.00 N	0.00 E	0.00@	0.00	0.00
FOLLOWING ARE PATHFINDER MWD SURVEYS.										
115.00	0.53	215.14	115.00	115.00	0.51	0.43 S	0.31W	0.53@	215.14	0.46
205.00	2.20	228.32	204.97	90.00	2.64	1.92 S	1.84W	2.66@	223.66	1.88
290.00	4.75	233.68	289.81	85.00	7.78	5.09 S	5.89W	7.79@	229.15	3.02
379.00	7.75	235.79	378.27	89.00	17.45	10.65 S	13.82W	17.45@	232.39	3.38
470.00	9.58	231.40	468.23	91.00	31.14	18.83 S	24.82W	31.15@	232.82	2.14
561.00	11.43	229.64	557.70	91.00	47.73	29.39 S	37.61W	47.73@	231.99	2.06
653.00	13.10	226.57	647.60	92.00	67.23	42.46 S	52.13W	67.23@	230.83	1.95
746.00	13.54	227.36	738.09	93.00	88.59	57.08 S	67.79W	88.62@	229.90	0.51
840.00	14.07	229.73	829.38	94.00	110.99	71.92 S	84.60W	111.04@	229.63	0.82
934.00	13.37	230.87	920.70	94.00	133.28	86.17 S	101.75W	133.33@	229.74	0.80
1027.00	13.19	236.32	1011.21	93.00	154.60	98.84 S	118.92W	154.63@	230.27	1.36
1120.00	14.68	236.32	1101.47	93.00	176.92	111.26 S	137.56W	176.92@	231.03	1.60
1213.00	15.30	235.35	1191.31	93.00	200.90	124.77 S	157.46W	200.90@	231.61	0.72
1307.00	14.95	235.18	1282.05	94.00	225.37	138.74 S	177.61W	225.38@	232.00	0.38
1399.00	15.48	234.48	1370.83	92.00	249.47	152.65 S	197.35W	249.50@	232.28	0.61
1492.00	15.39	232.45	1460.47	93.00	274.20	167.38 S	217.24W	274.24@	232.39	0.59
1586.00	14.86	230.26	1551.22	94.00	298.72	182.69 S	236.39W	298.76@	232.30	0.83
1680.00	14.60	227.88	1642.13	94.00	322.60	198.34 S	254.45W	322.62@	232.06	0.70
1774.00	15.12	226.04	1732.98	94.00	346.63	214.80 S	272.06W	346.64@	231.71	0.75
1855.00	13.45	224.10	1811.48	81.00	366.49	228.90 S	286.22W	366.49@	231.35	2.14
1969.00	13.01	225.33	1922.45	114.00	392.40	247.44 S	304.58W	392.42@	230.91	0.46
2064.00	13.28	225.07	2014.96	95.00	413.88	262.66 S	319.90W	413.92@	230.61	0.29
2155.00	13.19	229.11	2103.55	91.00	434.64	276.84 S	335.15W	434.71@	230.44	1.02
2249.00	13.72	230.26	2194.97	94.00	456.51	290.99 S	351.83W	456.58@	230.41	0.63

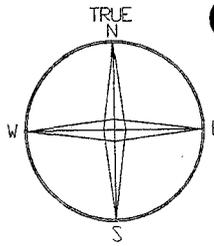
Survey Report

Wellpath ID: Bullhorn 10-43

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL		Closure		DLS (dg/100ft)
						Rectangular (ft)	Offsets (ft)	Dist. (ft)	Dir. (deg.)	
2343.00	14.42	231.22	2286.15	94.00	479.36	305.45 S	369.53W	479.43@230.42	0.78	
2438.00	14.51	229.20	2378.14	95.00	503.08	320.63 S	387.76W	503.15@230.41	0.54	
2532.00	13.63	229.11	2469.32	94.00	525.91	335.58 S	405.05W	526.00@230.36	0.94	
2626.00	14.16	228.50	2560.56	94.00	548.46	350.45 S	422.03W	548.56@230.29	0.58	
2720.00	13.72	229.99	2651.80	94.00	571.09	365.23 S	439.18W	571.20@230.25	0.60	
2813.00	13.98	229.29	2742.09	93.00	593.34	379.65 S	456.14W	593.46@230.23	0.33	
2905.00	13.63	232.45	2831.44	92.00	615.28	393.50 S	473.16W	615.41@230.25	0.90	
2998.00	13.19	234.74	2921.90	93.00	636.83	406.31 S	490.51W	636.94@230.36	0.74	
3093.00	13.45	233.16	3014.34	95.00	658.69	419.19 S	508.21W	658.78@230.48	0.47	
3187.00	13.72	233.42	3105.72	94.00	680.76	432.39 S	525.91W	680.83@230.57	0.29	
3282.00	13.89	231.22	3197.97	95.00	703.42	446.24 S	543.84W	703.49@230.63	0.58	
3375.00	13.45	230.17	3288.34	93.00	725.40	460.16 S	560.85W	725.47@230.63	0.54	
3469.00	14.07	230.70	3379.64	94.00	747.75	474.40 S	578.09W	747.82@230.63	0.67	
3561.00	14.25	233.30	3468.84	92.00	770.25	488.25 S	595.82W	770.32@230.67	0.72	
3653.00	13.81	230.26	3558.10	92.00	792.55	502.04 S	613.34W	792.61@230.70	0.93	
3746.00	12.66	230.08	3648.63	93.00	813.84	515.68 S	629.69W	813.90@230.68	1.24	
3840.00	12.31	233.42	3740.41	94.00	834.15	528.26 S	645.64W	834.21@230.71	0.85	
3935.00	12.57	234.04	3833.18	95.00	854.60	540.36 S	662.14W	854.65@230.78	0.31	
4030.00	13.54	233.86	3925.72	95.00	876.03	552.99 S	679.49W	876.07@230.86	1.02	
4123.00	14.42	234.74	4015.97	93.00	898.47	566.10 S	697.74W	898.50@230.95	0.97	
4217.00	14.33	233.16	4107.02	94.00	921.78	579.83 S	716.60W	921.80@231.02	0.43	
4311.00	15.04	232.72	4197.95	94.00	945.60	594.19 S	735.62W	945.62@231.07	0.76	
4405.00	15.21	231.84	4288.69	94.00	970.13	609.20 S	755.02W	970.14@231.10	0.30	
4499.00	14.77	231.84	4379.50	94.00	994.44	624.22 S	774.14W	994.45@231.12	0.47	
4592.00	14.42	232.19	4469.50	93.00	1017.87	638.64 S	792.61W	1017.88@231.14	0.39	
4687.00	13.37	232.45	4561.71	95.00	1040.68	652.59 S	810.66W	1040.69@231.17	1.11	
4781.00	13.28	228.94	4653.18	94.00	1062.34	666.31 S	827.42W	1062.35@231.16	0.87	
4874.00	13.19	229.29	4743.71	93.00	1083.61	680.24 S	843.51W	1083.63@231.12	0.13	
4968.00	12.31	228.94	4835.40	94.00	1104.34	693.82 S	859.20W	1104.36@231.08	0.94	
5060.00	12.05	227.62	4925.32	92.00	1123.72	706.73 S	873.69W	1123.75@231.03	0.41	
5153.00	11.08	230.17	5016.44	93.00	1142.34	719.00 S	887.72W	1142.37@230.99	1.18	
5248.00	10.20	231.13	5109.80	95.00	1159.88	730.13 S	901.28W	1159.91@230.99	0.94	
5341.00	9.23	234.65	5201.47	93.00	1175.56	739.61 S	913.78W	1175.55@231.01	1.22	
5436.00	8.00	234.83	5295.39	95.00	1189.77	747.83 S	925.40W	1189.79@231.06	1.30	
5530.00	6.68	232.98	5388.62	94.00	1201.76	754.89 S	935.11W	1201.78@231.09	1.43	
5623.00	5.19	229.82	5481.12	93.00	1211.38	760.86 S	942.64W	1211.35@231.09	1.64	
5716.00	5.45	232.54	5573.72	93.00	1220.00	766.26 S	949.36W	1220.01@231.09	0.39	
5755.00	5.63	230.26	5612.54	39.00	1223.76	768.61 S	952.30W	1223.78@231.09	0.73	
STRAIGHT LINE PROJECTION TO TD, END OF JOB.										
5800.00	5.63	230.26	5657.32	45.00	1228.17	771.43 S	955.70W	1228.19@231.09	0.00	

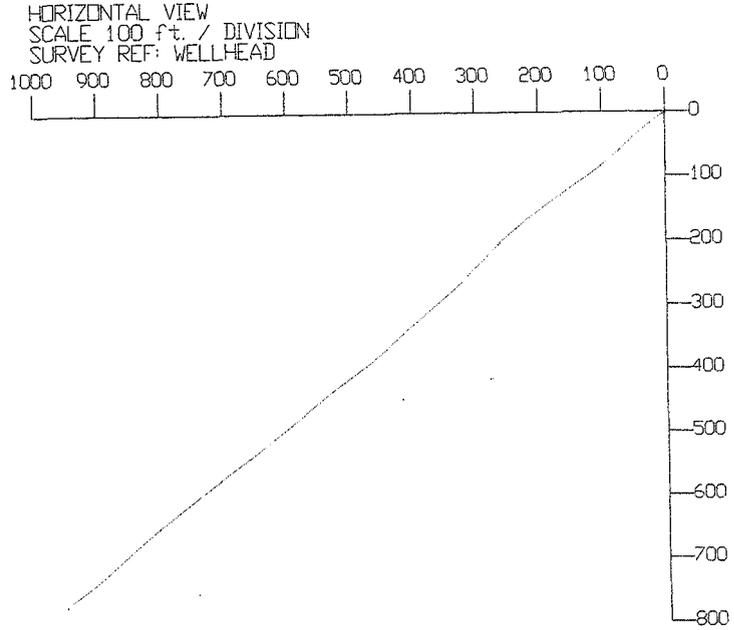
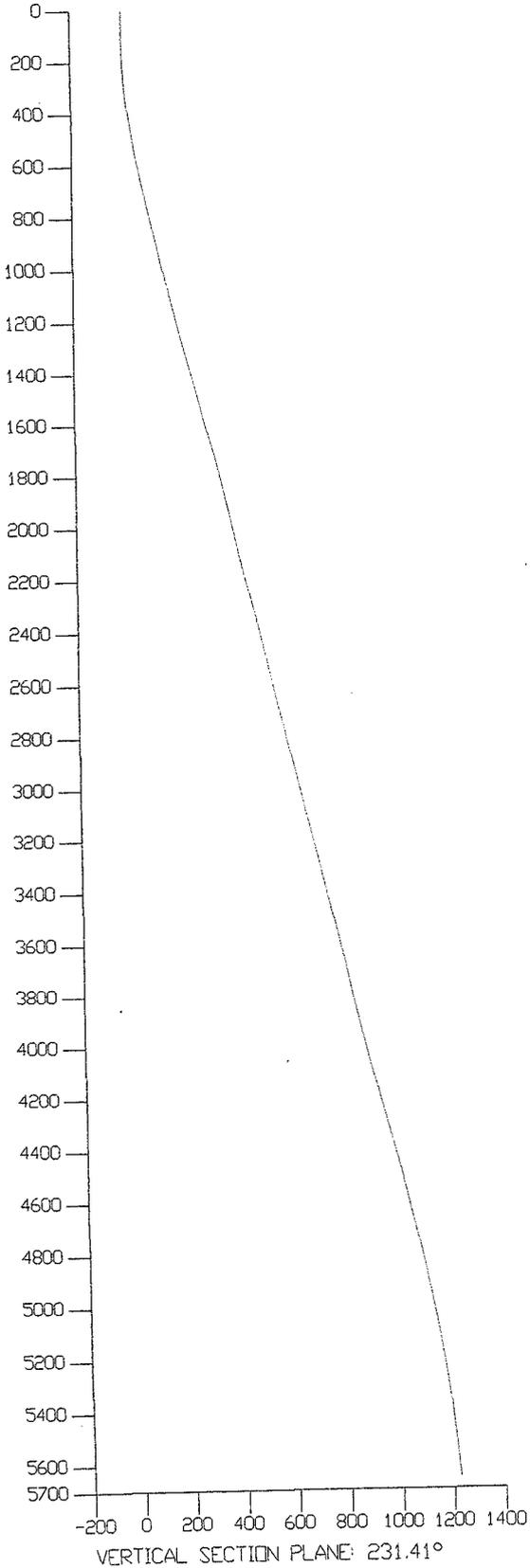
CONFIDENTIAL

TOM BROWN INC.
 BULLHORN UNIT #10-43
 SAN JUAN CO., UT
 RIG: CYCLONE #16



CONFIDENTIAL

VERTICAL VIEW
 SCALE 200 ft. / DIVISION
 TVD REF: WELLHEAD
 VERTICAL SECTION REF: WELLHEAD



BHL DATA	
TVD	5657.32
MD	5800.00
VS	1228.17
N/S	771.43 S
E/W	955.70 W

BHL Report

*Calculated using the Minimum Curvature Method
Computed using PDS VER2.2.6
Vertical Section Plane: 231.41 deg.*

Survey Reference: WELLHEAD
Vertical Section Reference: WELLHEAD
Closure Reference: WELLHEAD
TVD Reference: WELLHEAD

CONFIDENTIAL

Tom Brown Inc
Bullhorn Unit #10-43
San Juan Co., UT
Rig: Cyclone #16

Decl: 11.76° East to True
KBH: 15' To Ground Level

PES Office Supervisor:
Rich Arnold
PES Field Engineer:
Aaron Carlson
PES Directional Drillers:
Dan Groelle, Todd Guffy

Measured Depth	5800.00	(ft)
Inclination	5.63	(deg)
Azimuth	230.26	(deg)
True Vertical Depth	5657.32	(ft)
Vertical Section	1228.17	(ft)
Rectangular Offsets		
North/South	771.43 S	(ft)
East/West	955.70W	(ft)
Closure Dist & Dir	1228.19@231.09	(deg)
Dogleg Severity	0.00	(deg/100ft)
Build Rate	0.00	(deg/100ft)
Walk Rate	0.00	(deg/100ft)

Survey Report

*Calculated using the Minimum Curvature Method
 Computed using PDS VER2.2.6
 Vertical Section Plane: 231.41 deg.*

Survey Reference: WELLHEAD
 Vertical Section Reference: WELLHEAD
 Closure Reference: WELLHEAD
 TVD Reference: WELLHEAD

CONFIDENTIAL

Tom Brown Inc
 Bullhorn Unit #10-43
 San Juan Co., UT
 Rig: Cyclone #16

Decl: 11.76° East to True
 KBH: 15' To Ground Level

PES Office Supervisor:
 Rich Arnold
 PES Field Engineer:
 Aaron Carlson
 PES Directional Drillers:
 Dan Groelle, Todd Guffy

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)		Closure Dist. (ft)	Dir. (deg.)	DLS (dg/100ft)
TIE INTO SURFACE.										
0.00	0.00	0.00	0.00	0.00	0.00	0.00 N	0.00 E	0.00@	0.00	0.00
FOLLOWING ARE PATHFINDER MWD SURVEYS.										
115.00	0.53	215.14	115.00	115.00	0.51	0.43 S	0.31W	0.53@	215.14	0.46
205.00	2.20	228.32	204.97	90.00	2.64	1.92 S	1.84W	2.66@	223.66	1.88
290.00	4.75	233.68	289.81	85.00	7.78	5.09 S	5.89W	7.79@	229.15	3.02
379.00	7.75	235.79	378.27	89.00	17.45	10.65 S	13.82W	17.45@	232.39	3.38
470.00	9.58	231.40	468.23	91.00	31.14	18.83 S	24.82W	31.15@	232.82	2.14
561.00	11.43	229.64	557.70	91.00	47.73	29.39 S	37.61W	47.73@	231.99	2.06
653.00	13.10	226.57	647.60	92.00	67.23	42.46 S	52.13W	67.23@	230.83	1.95
746.00	13.54	227.36	738.09	93.00	88.59	57.08 S	67.79W	88.62@	229.90	0.51
840.00	14.07	229.73	829.38	94.00	110.99	71.92 S	84.60W	111.04@	229.63	0.82
934.00	13.37	230.87	920.70	94.00	133.28	86.17 S	101.75W	133.33@	229.74	0.80
1027.00	13.19	236.32	1011.21	93.00	154.60	98.84 S	118.92W	154.63@	230.27	1.36
1120.00	14.68	236.32	1101.47	93.00	176.92	111.26 S	137.56W	176.92@	231.03	1.60
1213.00	15.30	235.35	1191.31	93.00	200.90	124.77 S	157.46W	200.90@	231.61	0.72
1307.00	14.95	235.18	1282.05	94.00	225.37	138.74 S	177.61W	225.38@	232.00	0.38
1399.00	15.48	234.48	1370.83	92.00	249.47	152.65 S	197.35W	249.50@	232.28	0.61
1492.00	15.39	232.45	1460.47	93.00	274.20	167.38 S	217.24W	274.24@	232.39	0.59
1586.00	14.86	230.26	1551.22	94.00	298.72	182.69 S	236.39W	298.76@	232.30	0.83
1680.00	14.60	227.88	1642.13	94.00	322.60	198.34 S	254.45W	322.62@	232.06	0.70
1774.00	15.12	226.04	1732.98	94.00	346.63	214.80 S	272.06W	346.64@	231.71	0.75
1855.00	13.45	224.10	1811.48	81.00	366.49	228.90 S	286.22W	366.49@	231.35	2.14
1969.00	13.01	225.33	1922.45	114.00	392.40	247.44 S	304.58W	392.42@	230.91	0.46
2064.00	13.28	225.07	2014.96	95.00	413.88	262.66 S	319.90W	413.92@	230.61	0.29
2155.00	13.19	229.11	2103.55	91.00	434.64	276.84 S	335.15W	434.71@	230.44	1.02
2249.00	13.72	230.26	2194.97	94.00	456.51	290.99 S	351.83W	456.58@	230.41	0.63

Survey Report

Wellpath ID: Bullhorn 10-43

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL		Closure		DLS (dg/100ft)
						Rectangular (ft)	Offsets (ft)	Dist. (ft)	Dir. (deg.)	
2343.00	14.42	231.22	2286.15	94.00	479.36	305.45 S	369.53W	479.43@230.42	0.78	
2438.00	14.51	229.20	2378.14	95.00	503.08	320.63 S	387.76W	503.15@230.41	0.54	
2532.00	13.63	229.11	2469.32	94.00	525.91	335.58 S	405.05W	526.00@230.36	0.94	
2626.00	14.16	228.50	2560.56	94.00	548.46	350.45 S	422.03W	548.56@230.29	0.58	
2720.00	13.72	229.99	2651.80	94.00	571.09	365.23 S	439.18W	571.20@230.25	0.60	
2813.00	13.98	229.29	2742.09	93.00	593.34	379.65 S	456.14W	593.46@230.23	0.33	
2905.00	13.63	232.45	2831.44	92.00	615.28	393.50 S	473.16W	615.41@230.25	0.90	
2998.00	13.19	234.74	2921.90	93.00	636.83	406.31 S	490.51W	636.94@230.36	0.74	
3093.00	13.45	233.16	3014.34	95.00	658.69	419.19 S	508.21W	658.78@230.48	0.47	
3187.00	13.72	233.42	3105.72	94.00	680.76	432.39 S	525.91W	680.83@230.57	0.29	
3282.00	13.89	231.22	3197.97	95.00	703.42	446.24 S	543.84W	703.49@230.63	0.58	
3375.00	13.45	230.17	3288.34	93.00	725.40	460.16 S	560.85W	725.47@230.63	0.54	
3469.00	14.07	230.70	3379.64	94.00	747.75	474.40 S	578.09W	747.82@230.63	0.67	
3561.00	14.25	233.30	3468.84	92.00	770.25	488.25 S	595.82W	770.32@230.67	0.72	
3653.00	13.81	230.26	3558.10	92.00	792.55	502.04 S	613.34W	792.61@230.70	0.93	
3746.00	12.66	230.08	3648.63	93.00	813.84	515.68 S	629.69W	813.90@230.68	1.24	
3840.00	12.31	233.42	3740.41	94.00	834.15	528.26 S	645.64W	834.21@230.71	0.85	
3935.00	12.57	234.04	3833.18	95.00	854.60	540.36 S	662.14W	854.65@230.78	0.31	
4030.00	13.54	233.86	3925.72	95.00	876.03	552.99 S	679.49W	876.07@230.86	1.02	
4123.00	14.42	234.74	4015.97	93.00	898.47	566.10 S	697.74W	898.50@230.95	0.97	
4217.00	14.33	233.16	4107.02	94.00	921.78	579.83 S	716.60W	921.80@231.02	0.43	
4311.00	15.04	232.72	4197.95	94.00	945.60	594.19 S	735.62W	945.62@231.07	0.76	
4405.00	15.21	231.84	4288.69	94.00	970.13	609.20 S	755.02W	970.14@231.10	0.30	
4499.00	14.77	231.84	4379.50	94.00	994.44	624.22 S	774.14W	994.45@231.12	0.47	
4592.00	14.42	232.19	4469.50	93.00	1017.87	638.64 S	792.61W	1017.88@231.14	0.39	
4687.00	13.37	232.45	4561.71	95.00	1040.68	652.59 S	810.66W	1040.69@231.17	1.11	
4781.00	13.28	228.94	4653.18	94.00	1062.34	666.31 S	827.42W	1062.35@231.16	0.87	
4874.00	13.19	229.29	4743.71	93.00	1083.61	680.24 S	843.51W	1083.63@231.12	0.13	
4968.00	12.31	228.94	4835.40	94.00	1104.34	693.82 S	859.20W	1104.36@231.08	0.94	
5060.00	12.05	227.62	4925.32	92.00	1123.72	706.73 S	873.69W	1123.75@231.03	0.41	
5153.00	11.08	230.17	5016.44	93.00	1142.34	719.00 S	887.72W	1142.37@230.99	1.18	
5248.00	10.20	231.13	5109.80	95.00	1159.88	730.13 S	901.28W	1159.91@230.99	0.94	
5341.00	9.23	234.65	5201.47	93.00	1175.56	739.61 S	913.78W	1175.55@231.01	1.22	
5436.00	8.00	234.83	5295.39	95.00	1189.77	747.83 S	925.40W	1189.79@231.06	1.30	
5530.00	6.68	232.98	5388.62	94.00	1201.76	754.89 S	935.11W	1201.78@231.09	1.43	
5623.00	5.19	229.82	5481.12	93.00	1211.38	760.86 S	942.64W	1211.35@231.09	1.64	
5716.00	5.45	232.54	5573.72	93.00	1220.00	766.26 S	949.36W	1220.01@231.09	0.39	
5755.00	5.63	230.26	5612.54	39.00	1223.76	768.61 S	952.30W	1223.78@231.09	0.73	
STRAIGHT LINE PROJECTION TO TD, END OF JOB.										
5800.00	5.63	230.26	5657.32	45.00	1228.17	771.43 S	955.70W	1228.19@231.09	0.00	

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DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATIONName of Company: TOM BROWN INCWell Name: BULL HORN U 10-43Api No: 43-037-31831 Lease Type: FEDERALSection 10 Township 30S Range 25E County SAN JUANDrilling Contractor CYCLONE RIG # 16**SPUDDED:**Date 10/24/04Time MIDNITEHow ROTARY**Drilling will commence:** _____Reported by BOB WILEYTelephone # 1-254-378-1252Date 10/26/2004 Signed CHD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

COPY

Do not use this form for proposals to drill, or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

009

SUBMIT IN TRIPLICATE

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1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UT-73190
2. Name of Operator: Tom Brown, Inc.		6. If Indian Allottee or Tribe Name NA
3. Address and Telephone No. 555 Seventeenth Street, Suite 1850, Denver, CO 80202		7. If Unit or CA/Agreement Designation: Bull Horn Unit (Proposed)
4. Location of Well (Footage, T, R, M, or Survey Description) SWSE Sec 10-T30S-R25E (1244' FSL, 2040' FEL)		8. Well Name and No. Bull Horn Unit 10-43
		9. API Well No. 43-037-31831
		10. Field and Pool, or Exploratory Area Bull Horn
		11. County or Parish, State San Juan, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (start/resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Notice of Spud
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The Bull Horn Unit 10-43 spudded on 10/24/04 @ 0000 hrs. Attached for your information are daily reports from 10/24/04 through 11/2/04.

RECEIVED
NOV 05 2004

DIV. OF OIL, GAS & MINING

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

Name (Printed/Typed) Jane Washburn	Title Engineering Technician
Signature <i>Jane Washburn</i>	Date 11/02/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

Tom Brown, Inc.

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DAILY DRILLING REPORT

REPORT NO. 3

DATE 10-26-04

(E) WEATHER	
WIND	<u>CalM</u>
DRY	<u>PC</u>
WAVES	<u>33°</u>

(I) RIG Cyclone Rig #16

(3) WELL NAME, LEASE NO. <u>Bull Horn Unit 10-43</u>	(4) REPORT BY: <u>Wiley</u>	(5) LAST CASING DEPTH <u>16</u> INCH at <u>60</u> FT
(6) PROPOSED DEPTH (M.D.) <u>5880</u>	(7) PRESENT DEPTH	(8) FOOTAGE DRLD.
(9) PRESENT ACTIVITY AT REPORT TIME <u>Prepare to run 9 5/8" Csg, attempt to fill hole</u>	(10) DEPTH LAST LOG	(11) DAYS SINCE SPUD <u>2</u>
(13) SUMMARY OF OPERATIONS		(12) BOP TEST DUE DATE

FROM	TO	HRS.	(13) SUMMARY OF OPERATIONS
0600	1230	6 1/2	Drig. from 1045' to 1568'
1230	1330	1	Rig Service
1330	2030	7	Drig. from 1568' to 1851
2030	2230	2	Short trip, SLM. NO CONNECTION
2230	0030	2	Drig. from 1851 to 1900'
0030	0100	1/2	C+C
0100	0400	3	TOOH, unable to keep hole full, LD 8" Des + directional tools
0400	0600	2	Rig up to run 9 5/8" Csg, attempt to fill hole w/ water.

(15) DRILLING DATA										(14) DRILLING COST		
HOOK LOAD										DAILY		
BIT WT										CUM.		
RPM										AUTH.		
TORQUE												
DRAG UP												
DRAG DOWN												
(16) HYDRAULIC DATA		STROKE	LINER	SPM	PRESS	GPM	Δ P BIT	RHP BIT	AV	VN		
(17) TIME (HRS)		ROTATING	TRIPS	SURVEYS	JET/DD	C & C	CUT D.L.	REAMING	REPAIRS	OTHER		
24		15 1/2	5			1/2				3		
(18) COORDINATES OF LAST SURVEY		M.D.	ANGLE	DIRECTION	TVD	VERT SEC.	N OR S	E OR W				
(19) MUD RECORD & COST				(20) BIT RECORD			(21) DRILLING ASSEMBLY					
DEPTH		BIT NO.	1	NO.		DESCRIPTION	LENGTH - FT.					
TIME		SIZE	12 1/4"									
WEIGHT		TYPE	HRS 300									
VIS. SEC.	27	MFG.	Highes									
WL API		SERIAL #	6029081									
WL MHP		JETS	3/20									
PV/YP	1/1	DEPTH OUT	1900									
GELS		DEPTH IN	60									
PI/PH		FOOTAGE ON BIT	1840									
CG.	200	HOURS OR BIT	43									
CL.	300	T/W/B Cond.	4/4 1/8									
CAKE		DAILY MUD COST		MUD ADDITIONS								
% SOLIDS		CUM. MUD COST										

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Tom Brown, Inc.

DAILY DRILLING REPORT

REPORT NO. 4

(12) WEATHER
WIND Calm
MOON Waxing
TEMP 38°

(11) RIG Cyclone Rig #16

DATE 10-27-04

(3) WELL NAME, LEASE NO. Bull Horn Unit 10-43 (4) REPORT BY: _____
 (5) PROPOSED DEPTH (M.D.) 5880' (7) PRESENT DEPTH 1900', PBD 1704 (8) FOOTAGE DRLD. _____ (9) DAYS SINCE SPUD 3
 (6) LAST CASING DEPTH 9 5/8" INCH at 1900' MUD WT. 8.33 PPG SHOE TEST _____
 (11) PRESENT ACTIVITY AT REPORT TIME Nipple up BOPS' (10) DEPTH LAST LOG _____ FT.
 (12) BOP TEST DUE DATE _____

FROM	TO	HRS.	(13) SUMMARY OF OPERATIONS
0600	0930	3 1/2	RUN 41 JTS K-55, STAC, 36# BVD C99 = 1905.14'
0930	1230	3	Mix + pump high vis LCM sweep. Circulate, C99, capacity.
1230	1530	3	Using BS mix + pump 369 sk-lead Cmt mixed @ 12.0 PPG, 145.8 bbls slurry followed by 281 SKs type III Cmt, Mixed @ 14.5 PPG, 70 bbls slurry. Was unable to bump plug due to pressure.
1530	1730	2	Top out Cmt on 9 5/8" C99. 2 ANNULUS.
1730	0230	9	Cut off 9 5/8" C99 and install 9 5/8" S.O.W. X 11" 3M C99 head, test to 1000 PSI
0230	0600	3 1/2	Nipple up BOPS'

(15) DRILLING DATA										(14) DRILLING COST	
HOOK LOAD	BIT WT	RPM	TORQUE	DRAG UP	DRAG DOWN	DAILY		CUM.		AUTH.	
(16) HYDRAULIC DATA	STROKE	LINER	SPM	PRESS	GPM	Δ P BIT	HHP BIT	AV	VN		
(17) TIME (HRS)	ROTATING	TRIPS	SURVEYS	JET/DD	G & C	OUT D.L.	REAMING	REPAIRS	OTHER		
(18) COORDINATES OF LAST SURVEY	M.D.	ANGLE	DIRECTION	TVD	VERT SEC.	N OR S	E OR W				
										21	
(19) MUD RECORD & COST				(20) BIT RECORD			(21) DRILLING ASSEMBLY				
DEPTH		BIT NO.	1	NO.	DESCRIPTION					LENGTH - FT.	
TIME		SIZE	12 1/4"								
WEIGHT	8.33	TYPE	HR5303								
VIS. SEC.	27	MPG.	Hughes								
WL API		SERIAL #	6029081								
WL RTHP		JETS	3/20								
PV/YF	1/1	DEPTH OUT	1900								
GELS		DEPTH IN	60								
Pt/PH		FOOTAGE ON BIT	1840								
CA.	140	HOURS ON BIT	43								
CL.	300	T/W/S Cond.	4/4 1/8								
CAKE		DAILY MUD COST		MUD ADDITIONS							
% SOLIDS		CUM. MUD COST									
										ON LOC. BAR	CMT

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Tom Brown, Inc.

DAILY DRILLING REPORT

REPORT NO. 5

DATE 10-28-04

(2) WEATHER
WIND 15/20 SE
SKY Cloudy 39°

(1) RIG Cyclone Rig #16

(3) WELL NAME, LEASE NO. Bull Horn Unit 10-43	(4) REPORT BY: Wiley	(5) LAST CASING DEPTH 95/8 INCH at 1900 FT
(6) PROGNOSSED DEPTH (M.D.) 5880'	(7) PRESENT DEPTH 1900' PBD 1833	(8) FOOTAGE DRLD. 4
(9) DAYS SINCE SPUD 4	MUD WT. 8.33 PPG	SHOE TEST
(11) PRESENT ACTIVITY AT REPORT TIME TOOH	(10) DEPTH LAST LOG	(12) BOP TEST DUE DATE

FROM	TO	HRS.	(13) SUMMARY OF OPERATIONS
0600	0900	3	Nipple up BOPS'
0900	1300	4	Test blind + pipe rams to 3000 PSI, Choke line, Kill line, upper Kelly, Safety Valves + choke manifold to 3000 PSI ANNULAR BOP to 1500 PSI. Test 95/8" Csg to 1500 PSI
1300	1330	1/2	Service rig
1330	1530	2	Pick up directional tools, trip in hole, tag Cmt @ 1679'
1530	2300	7 1/2	Drig Cmt plug + firm Cmt in 95/8" Csg. from 1679 to 1827
2300	0130	2 1/2	TOOH to pick up Tri-Cone bit, penetration rate down + finding metal shavings in cuttings
0130	0400	2 1/2	TIH w/ bit #3
0400	0500	1	Drig Cmt in 95/8" Csg. Mud motor fails.
0500	0600	1	TOOH for mud motor

(15) DRILLING DATA	HOOK LOAD	BIT WT	RPM	TORQUE	DRAG UP	DRAG DOWN	(14) DRILLING COST
(16) HYDRAULIC DATA	STROKE	LINER	SPM	PRESS	QPM	ΔP BIT	HHP BIT
(17) TIME (HRS)	ROTATING	TRIPS	SURVEYS	JET/DD	C&C	CUT/D.L.	REAMING
24	8 1/2	7					8 1/2
(18) COORDINATES OF LAST SURVEY	M.D.	ANGLE	DIRECTION	TVD	VERT SEC.	N OR S	E OR W
(19) MUD RECORD & COST	(20) BIT RECORD	(21) DRILLING ASSEMBLY					
DEPTH 1900	BIT NO. 2 3	NO.	DESCRIPTION	LENGTH - FT.			
TIME 0900	SIZE 8 3/4" 8 3/4"	1	8 3/4" bit	1.00			
WEIGHT 8.33	TYPE HCBOT HX S201	1	MM	25.15			
VIS. SEC. 27	MFG. HTC HTC	1	Float sub	3.00			
WL API	SERIAL # 7101786 603021	1	MONEL DC	30.23			
WL HTHP	JETS 5/16 3/16 3/22	1	XO sub	2.27			
PV/YF	DEPTH OUT	15	6 1/4" DCS'	446.07			
GELS	DEPTH IN 1900 1900/1833						
P1/PH	FOOTAGE ON BIT						
Ca. 200	HOURS ON BIT						
CL. 300	T/B/S Cond.						
CAKE	DAILY MUD COST	MUD ADDITIONS					
% SOLIDS	CUM. MUD COST	Total 507.72					

Tom Brown, Inc.

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DAILY DRILLING REPORT

REPORT NO. 6

DATE 10-29-04

(12) WEATHER
WIND <i>Calm</i>
MOON <i>Clear</i>
TEMP <i>20°</i>

(1) RIG *Cyclone Rig # 16*

(5) WELL NAME, LEASE NO. <i>Bull Horn Unit 10-43</i>	(4) REPORT BY: <i>Wiley</i>	(3) LAST CASING DEPTH <i>9 5/8</i> INCH at <i>1900'</i> FT
(6) PROPOSED DEPTH (M.D.) <i>5880'</i>	(7) PRESENT DEPTH <i>2292'</i>	(8) FOOTAGE DRLD. <i>392'</i>
(9) DAYS SINCE SPUD <i>5</i>	MUD WT <i>8.33</i>	SHOE TEST
(11) PRESENT ACTIVITY AT REPORT TIME <i>Drilling</i>		(10) DEPTH LAST LOG
		(12) BOP TEST DUE DATE

FROM	TO	HRS.	(13) SUMMARY OF OPERATIONS
0600	1000	4	Finish O.D.H. Change out M.M. T.I.H.W./B.H.A.
1000	1130	1 1/2	Cut DL, 100'
1130	1230	1	Finish T.I.H to 1830'
1230	1330	1	Drig from 1830' to 1843', Circulate bottoms up, Close hydroil, test 9 5/8" Csg to 1900 PSI
1330	1500	1 1/2	Drig firm Cmt., float collar @ 1853' + 20' firm Cmt IN Cmt. it to 1874'. Test 9 5/8" Csg to 1200 PSI.
1500	1530	1/2	Drig out of 9 5/8" Csg @ 1900 ft
1530	0230	12	Drig from 1900' to 2232'
0230	0400	1/2	Service rig
0400	0600	2	Drig from 2232' to 2292'

(15) DRILLING DATA	HOOK LOAD <i>75000</i>	BIT WT <i>20 1/2 S</i>	RPM <i>140</i>	TORQUE	DRAG UP <i>82,000</i>	DRAG DOWN <i>72,000</i>	(14) DRILLING COST
(16) HYDRAULIC DATA	STROKE <i>10"</i>	LINER <i>6"</i>	SPM <i>111</i>	PRESS. <i>780</i>	GPM <i>385</i>	A P BIT	DAILY _____
(17) TIME (HRS)	ROTATING <i>17</i>	TRIPS <i>5</i>	SURVEYS	JET/DD	C & C	CUT D.L.	CUM. _____
(18) COORDINATES OF LAST SURVEY	M.D.	ANGLE	DIRECTION	TVD	VERT SEC.	N OR S	AUTH. _____
							OTHER <i>2</i>

(19) MUD RECORD & COST		(20) BIT RECORD		(21) DRILLING ASSEMBLY		
DEPTH	TIME	BIT NO.	SIZE	NO.	DESCRIPTION	LENGTH-FT.
<i>2292</i>		<i>3</i>	<i>8 3/4"</i>	<i>1</i>	<i>8 3/4" bit</i>	<i>1.00</i>
				<i>1</i>	<i>M.M.</i>	<i>25.35</i>
	<i>8.33</i>		<i>HKS20H</i>	<i>1</i>	<i>Float sub</i>	<i>3.00</i>
	<i>27</i>		<i>H100</i>	<i>1</i>	<i>MONEL DC</i>	<i>30.23</i>
			<i>3/22</i>	<i>1</i>	<i>X-O Sub</i>	<i>2.27</i>
			<i>1805</i>	<i>15</i>	<i>6 1/8" DC'S</i>	<i>446.07</i>
			<i>392'</i>			
			<i>14</i>			
	<i>400</i>					
	<i>300</i>				<i>Total</i>	<i>507.92</i>
CAKE		DAILY MUD COST		MUD ADDITIONS		
% SOLIDS		CUM. MUD COST		ON LOC. BAR		CMT.

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Tom Brown, Inc.

DAILY DRILLING REPORT

(2) WEATHER
WIND <i>Calm</i>
TEMP <i>24°</i>

(1) RIG *Cyclone Rig #16*

REPORT NO. *10*

DATE *11-2-04*

(5) WELL NAME, LEASE NO. <i>Bell Horn Unit 10-43</i>	(4) REPORT BY: <i>Wiley</i>	(8) LAST CASING DEPTH <i>430</i> MOH BY <i>1900</i> FT.
(6) PROPOSED DEPTH (M.O.) <i>5880'</i>	(7) PRESENT DEPTH <i>4650'</i>	(8) FOOTAGE DRLD. <i>740'</i>
(11) PRESENT ACTIVITY AT REPORT TIME <i>Drilling</i>		(9) MUD WT <i>8.7PPG</i>
		(10) DEPTH LAST LOG
		(12) BOP TEST DUE DATE <i>11-26-04</i>

FROM	TO	HRS.	(13) SUMMARY OF OPERATIONS
<i>0600</i>	<i>1530</i>	<i>9 1/2</i>	<i>Drig from 3910' to 4230'</i>
<i>1530</i>	<i>1600</i>	<i>1/2</i>	<i>Service rig.</i>
<i>1600</i>	<i>0600</i>	<i>14</i>	<i>Drig from 4230' to 4650'</i>

(15) DRILLING DATA	HOOK LOAD <i>108000</i>	BIT WT <i>10/30</i>	RPM <i>192</i>	TORQUE	DRAW UP <i>125000</i>	DRAW DOWN <i>100000</i>	(14) DRILLING COST
(16) HYDRAULIC DATA	STROKE	LINER <i>6 1/2</i>	BPM <i>109</i>	PRESS <i>1450</i>	SFM <i>423</i>	Δ P BIT	DAILY
(17) TIME (HRS)	ROTATING <i>23 1/2</i>	TRIPS	SURVEYS	JCT/BD	C & O	OUT D.C.	CUM.
(18) COORDINATES OF LAST SURVEY	N.D.	ANGLE	DIRECTION	TVD	VERT SEC.	N OR S	OTHER <i>1/2</i>

(19) MUD RECORD & COST		(20) BIT RECORD	(21) DRILLING ASSEMBLY	LENGTH - FT.
DEPTH	<i>3935</i>	BIT NO.	<i>4</i>	
TIME	<i>0630</i>	SIZE	<i>8 3/4</i>	<i>1.00</i>
WEIGHT	<i>8.7</i>	TYPE	<i>H06077</i>	<i>2535</i>
VIS. SEC.	<i>46</i>	MFO.	<i>HTC6</i>	<i>3.00</i>
WL API	<i>7</i>	SERIAL #	<i>710016</i>	<i>3023</i>
WL HTHP		JETS	<i>5 1/2 7/2</i>	<i>2.27</i>
PV/YP	<i>10/21</i>	DEPTH OUT	<i>15</i>	<i>446.07</i>
GELS	<i>9/11/13</i>	DEPTH IN	<i>3451</i>	
F/PH	<i>6.4</i>	FOOTAGE ON BIT	<i>1,199</i>	
C.G.	<i>2800</i>	HOURS ON BIT	<i>36 1/2</i>	
CL	<i>5000</i>	T/S/S		
CARE	<i>1/1</i>	DAILY MUD COST		
% SOLIDS		CUM. MUD COST		
		MUD ADDITIONS		
		ON L.C. BAR		
		DNT		
			<i>Total</i>	<i>507.92</i>

Tom Brown, Inc.

DAILY DRILLING REPORT

(E) WEATHER WIND <i>Calm</i> WVY <i>Clear</i> WMMOS <i>33</i>		(1) RIG <i>Cyclone Rig #16</i>	REPORT NO. <i>13</i>
(3) WELL NAME, LEASE NO. <i>Bull Horn Unit 10-43</i>		(4) REPORT BY: <i>Wiley</i>	(5) LAST CASING DEPTH <i>1900'</i>
(6) PROPOSED DEPTH (M.D.) <i>5880'</i>	(7) PRESENT DEPTH <i>5822/5820'</i>	(8) FOOTAGE DRLD. <i>272'</i>	(9) DAYS SINCE BPUD <i>12</i>
(11) PRESENT ACTIVITY AT REPORT TIME <i>Logging</i>		MUD WT <i>9.1</i>	SHOE TEST
		(10) DEPTH LAST LOG <i>5820'</i>	(12) SHOE TEST DUE DATE <i>11-20-04</i>

FROM	TO	HRS.	(13) SUMMARY OF OPERATIONS:
0600	1230	6 1/2	Drig from 5528' to 5638'
1230	1300	1/2	Service rig.
1300	1800	5	Drig from 5638' to 5800'. Top of Paradox Salt @ 5690', drilled 110' of salt.
1800	2000	2	Make 10 std short trip.
2000	2200	2	Circulate hole clean for logging.
2200	0400	6	TOOH, lay down Mud Motor + Monel DC.
0400	0600	2	Using Schlumberger, prepare to log well. Run #1: Neutron-Density, Later log Resistivity. Tool length 60 ft. Paradox Salt: 5712 to log TD of 5820' (108' of salt).

(15) DRILLING DATA										(14) DRILLING COST	
HOOK LOAD										DAILY	
BIT WT										DUM.	
RPM										AUTH.	
TORQUE											
DRAG UP											
DRAG DOWN											
(16) HYDRAULIC DATA											
STROKE											
LINER											
SPM											
PRESS											
GPM											
ΔP BIT											
HHP BIT											
AV											
V _N											
(17) TIME (HRS)		ROTATING		TRIPS		SURVEYS		JET/ED		C & C	
<i>24</i>		<i>11 1/2</i>		<i>8</i>						<i>2</i>	
(18) COORDINATES OF LAST SURVEY		M.D.		ANGLE		DIRECTION		TVD		VERT SEC.	
(19) MUD RECORD & COST				(20) BIT RECORD				(21) DRILLING ASSEMBLY			
DEPTH		<i>5800</i>		BIT NO.		<i>4</i>		NO.		DESCRIPTION	
TIME		<i>1800</i>		SIZE		<i>8 3/4</i>				LENGTH-FT.	
WEIGHT		<i>9.1</i>		TYPE		<i>HC6077</i>					
VIS. SEC.		<i>51</i>		MFG.		<i>HTC</i>					
WL API		<i>4 1/8</i>		SERIAL #		<i>701476</i>					
WL NTMP				JETS		<i>3/3 7/2</i>					
PV/YP		<i>13/31</i>		DEPTH DUT		<i>5822</i>					
GELS		<i>14/17/19</i>		DEPTH IN		<i>3451</i>					
P/PM		<i>6.4</i>		FOOTAGE ON BIT		<i>2369</i>					
CA.		<i>3200</i>		HOURS ON BIT		<i>94 1/2</i>					
CL.		<i>30,000</i>		T/W/S							
CAKE		<i>1/1</i>		DAILY MUD COST				MUD ADDITIONS			
% SOLIDS		<i>4</i>		DUM. MUD COST							

Tom Brown, Inc.

DAILY DRILLING REPORT

(12) WEATHER
WIND <i>Calm</i>
SEA <i>Clear</i>
TEMP <i>29</i>

(1) RIG
<i>Cyclone Rig #16</i>

REPORT NO.
<i>14</i>

DATE
<i>11-6-04</i>

(5) WELL NAME, LEASE NO.	<i>Bull Horn Unit 10-43</i>	(4) REPORT BY:	<i>Wiley</i>	(6) LAST CASING DEPTH	<i>952</i>	FEET AT	<i>1900</i>
(6) PROPOSED DEPTH (M.D.)	<i>5880</i>	(7) PRESENT DEPTH	<i>5822</i>	(8) FOOTAGE DRLD.	<i>-</i>	DAYS SINCE SPUD	<i>13</i>
(11) PRESENT ACTIVITY AT REPORT TIME				(9) MUD WT	<i>9.1 PPG</i>		
<i>Schlumberger SW Cores</i>				(10) DEPTH LAST LOG			
FROM	TO	HRS.	(13) SUMMARY OF OPERATIONS				(12) BOP TEST DUE DATE

0600	1530	9 1/2	Using Schlumberger Run #2: Platform Express, Dipole-Sonic, SPIT Inclination, from logging depth of 5825' to 1894' Sch. TD5828'
1530	1730	2	Remove wear bushing, T I H to 1850' Wait on SW Core tool
1730	2200	4 1/2	Circulate.
2200	2330	1 1/2	TOOH
2330	2400	1/2	Service rig
2400	0600	6	Side well coring tool on location, repair hydraulic piston in coring tool.

(15) DRILLING DATA	HOOK LOAD	BIT WT	RPM	TORQUE	DRAG UP	DRAG DOWN	(14) DRILLING COST
(16) HYDRAULIC DATA	STROKE	LINER	SFM	PRESS	SFM	A P BIT	HHP BIT
(17) TIME (HRS)	ROTATING	TRIPS	SURVEYS	JET/DD	C & C	CUT D.	REAMING
<i>24</i>		<i>3 1/2</i>			<i>4 1/2</i>		
(18) COORDINATES OF LAST SURVEY	M.D.	ANGLE	DIRECTION	TVD	VERT SEC.	N OR S	E OR W

(19) MUD RECORD & COST		(20) BIT RECORD		(21) DRILLING ASSEMBLY	
DEPTH	<i>5822</i>	BIT NO.		NO.	
TIME		SIZE		DESCRIPTION	LENGTH - FT.
WEIGHT	<i>9.1</i>	TYPE			
VIS. SEC.	<i>51</i>	MFG.			
WL API	<i>48</i>	SERIAL #			
WL HHP		JETS			
PV/YP	<i>12/35</i>	DEPTH OUT			
GELS	<i>15/17/19</i>	DEPTH IN			
P/BH	<i>6.4</i>	FOOTAGE ON BIT			
CO.	<i>3200</i>	HOURS ON BIT			
CL.	<i>33,000</i>	T/B/G Cons.			
CAKE	<i>1/1</i>	DAILY MUD COST	<i>22</i>	MUD ADDITIONS	
% SOLIDS	<i>4</i>	CUM. MUD COST		ON LOG BAR	

Tom Brown, Inc.

DAILY DRILLING REPORT

(2) WEATHER
WIND <i>Calm</i>
SKY <i>clear</i> TEMPERATURE <i>35°</i>

(1) RIG *Cyclone Rig # 16*

REPORT NO. *15*
DATE *11-7-04*

(3) WELL NAME, LEASE NO. <i>Bull Horn Unit 10-43</i>	(4) REPORT BY: <i>Wiley</i>	(6) LAST LOGGING DEPTH <i>778</i> INCHES OF <i>1900</i>
(8) PROPOSED DEPTH (M.D.) <i>5880</i>	(7) PRESENT DEPTH <i>5822</i>	(8) FOOTAGE O.R.L. <i>14</i>
(9) DAYS SINCE SPUD <i>14</i>	MUD WT <i>9.1 PPG</i>	SHOE TEST

(11) PRESENT ACTIVITY AT REPORT TIME *Lay down drill string*

(10) DEPTH LAST LOG

(12) BOP TEST DUE DATE *11-26-04*

FROM	TO	HRS.	(13) SUMMARY OF OPERATIONS
0600	2100	15	Using Schlumberger attempt 40 side wall cores run #1 recovered 23, run #2 attempt 17, recovered 16.
2100	0100	4	T.T.H. Wash 90' to bottom.
0100	0300	2	Circulate and condition hole to run Csg. bottoms up gas 1734 units. Rig up lay down machine
0300	0600	3	Lay down drill string.

(15) DRILLING DATA	HOOK LOAD	BIT WT	RPM	TORQUE	DRAW UP	DRAW DOWN	(14) DRILLING COST
(16) HYDRAULIC DATA	STROKE	LINER	SPM	PRESS	SPM	Δ P BIT	MHP BIT
(17) TIME (HRS) <i>24</i>	ROTATING	TRIPS <i>4</i>	SURVEYS	JET/DD	C & C <i>2</i>	CUT D.L.	REAMING
(18) COORDINATES OF LAST SURVEY	M.D.	ANGLE	DIRECTION	TVD	VERT SEC.	N OR S	E OR W
(19) MUD RECORD & COST	(20) BIT RECORD	(21) DRILLING ASSEMBLY					
DEPTH	BIT NO.	NO.	DESCRIPTION				
TIME	SIZE		LENGTH - FT.				
WEIGHT	TYPE						
VIS. SEC.	WPG.						
WL API	SERIAL #						
WL HTRP	JETS						
PV/YP	DEPTH OUT						
GELS	DEPTH IN						
P1/PM	FOOTAGE ON BIT						
CR.	HOURS ON BIT						
CL.	T/W/S						
CAKE	DAILY MUD COST	MUD ADDITIONS					
% SOLIDS	CUM. MUD COST						

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Tom Brown, Inc.

DAILY DRILLING REPORT

(E) WEATHER
WIND <i>Calm</i>
SKY <i>Cloudy</i>
TEMP <i>47°</i>

(1) RIG *Cyclone Rig #16*

REPORT NO. *16*
DATE *11-8-04*

(3) WELL NAME, LEASE NO. <i>Bull Horn Unit 10-43</i>	(4) REPORT BY: <i>Wiley</i>	(5) LAST CASING DEPTH <i>5 1/2" INCH AT 5822.1</i>
(6) PROPOSED DEPTH (M.D.)	(7) PRESENT DEPTH <i>PBTD 5772'</i>	(8) FOOTAGE DRLD.
(9) DAYS SINCE SPUC <i>15</i>	MUD WT	SHOE TER
(11) PRESENT ACTIVITY AT REPORT TIME <i>Rig down</i>		(10) DEPTH LAST LOG
		(12) BOP TEST DUE DATE

FROM	TO	HRS.	(13) SUMMARY OF OPERATIONS
0600	1000	4	Lay down drill string.
1000	1630	6 1/2	RUN 125 ft 5 1/2" 17", P110 Csg = 5836.07' Set @ 5822
1630	1700	42	Rig up Cmt head.
1700	1800	1	Circulate Csg.
1800	2000	2	Using BJ Cementing, Mixed & pumped 846 SKS Acem Lite Cmt mixed @ 12.5 PPG, Slurry Volume 301.4 bbls. Ran top plug, displaced w/ 134.2 bbls 2% KCL. Final pressure 1200 PSI, increased pressure to 1720 PSI, release pressure, floats held. Had 3 bbls Cmt returns.
2000	2300	3	Nipple down BOPS, Set 11" X 5 1/2" C-22 slips @ 75,000# ON slips. Rough cut 5 1/2" Csg.
2300	0500	6	Clean mud tanks. Release rig @ 0500, 11-8-04

(14) DRILLING COST	DAILY _____								
	CUM. _____								
	AUTH. _____								
(15) DRILLING DATA	HOOK LOAD	BIT WT	RPM	TORQUE	DRAG UP	DRAG DOWN			
(16) HYDRAULIC DATA	STROKE	LINER	SPM	PRESS	SFM	Δ P BIT	HHP BIT	AV	V _N
(17) TIME (HRS)	ROTATING	TRIPS	SURVEYS	JET/DD	CBC	OUT D.L.	REAMING	REPAIRS	OTHER
<i>23</i>					<i>1</i>				<i>22</i>
(18) COORDINATES OF LAST SURVEY	M.D.	ANGLE	DIRECTION	TVD	VERT SEC.	N OR S	E OR W		
(19) MUD RECORD & COST	(20) BIT RECORD	(21) DRILLING ASSEMBLY							
DEPTH	BIT NO.	NO.	DESCRIPTION	LENGTH - FT.					
TIME	SIZE								
WEIGHT	TYPE								
VIS. SEC.	WFO.								
WL API	SERIAL #								
WL HTHP	JETS								
AV/YF	DEPTH OUT								
GELS	DEPTH IN								
R1/RH	FOOTAGE ON BIT								
C4.	HOURS ON BIT								
CL.	T/R/S								
	Comp.								
CAKE	DAILY MUD COST	MUD ADDITIONS							
% SOLIDS	CUM. MUD COST	ON LOC. BAR CMT.							

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DIRECTIONAL SURVEY REPORT

TOM BROWN, INC.

BULLHORN UNIT 10 - 43

SAN JUAN COUNTY, UTAH

PREPARED BY: Bret Wolford

CONFIDENTIAL

November 10, 2004

TOM BROWN, INC.
555 17th Street, Suite 1850
Denver, CO 80202

Attn: Ron Schuyler

RE: TOM BROWN, INC.
BULLHORN UNIT 10 - 43
SAN JUAN COUNTY, UT
RIG: CYCLONE 16
FILENAME: J-WY-0410-0054-WY-WY

Dear Sir:

We hereby certify that the enclosed Original Field Survey Data contained in this report represents to the best of our knowledge, a true and accurate survey of the well at the time the survey was ran.

SURVEY DATA

- 1 - Original survey report and plots
- 2 - Survey report copies and plots

We appreciate the opportunity to work with you and we look forward to your business support. If you have any questions, I can be reached at (307) 265-3145.

Sincerely,

Bret Wolford
Operations Coordinator
PathFinder Energy Services

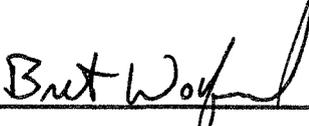
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DIRECTIONAL SURVEY COMPANY REPORT:

1. NAME OF SURVEYING COMPANY: PATHFINDER ENERGY SERVICES
2. NAME OF PERSON(S) PERFORMING SURVEY:
 - A. Aaron Carlson
 - B. Dan Groelle
 - C. Todd Guffy
3. POSITION OF SAID PERSON(S): (A - C) SURVEYORS (FIELD ENGINEERS).
4. DATE(S) ON WHICH SURVEY WAS PERFORMED: 10/24/04 TO 11/04/04
5. STATE IN WHICH SURVEY WAS PERFORMED: ONSHORE, UTAH
6. LOCATION OF WELL: SAN JUAN COUNTY, UTAH
7. TYPE OF SURVEY(S) PERFORMED: MWD
8. COMPLETE IDENTIFICATION OF WELL:

TOM BROWN, INC.
BULLHORN UNIT 10 - 43
SAN JUAN COUNTY, UT
RIG: CYCLONE 16
9. SURVEY CERTIFIED FROM: 115 TO 5,755 FEET MEASURED DEPTH.

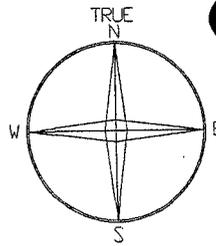
THIS IS TO VERIFY THAT THE ATTACHED DOCUMENTS SHOWING THE SUBJECT WELL TO BE DISPLACED AT 1228.19 FEET ON A BEARING OF 231.09 DEGREES FROM THE CENTER OF THE ROTARY TABLE AT PROJECTED MEASURED DEPTH OF 5,800 FEET, ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.



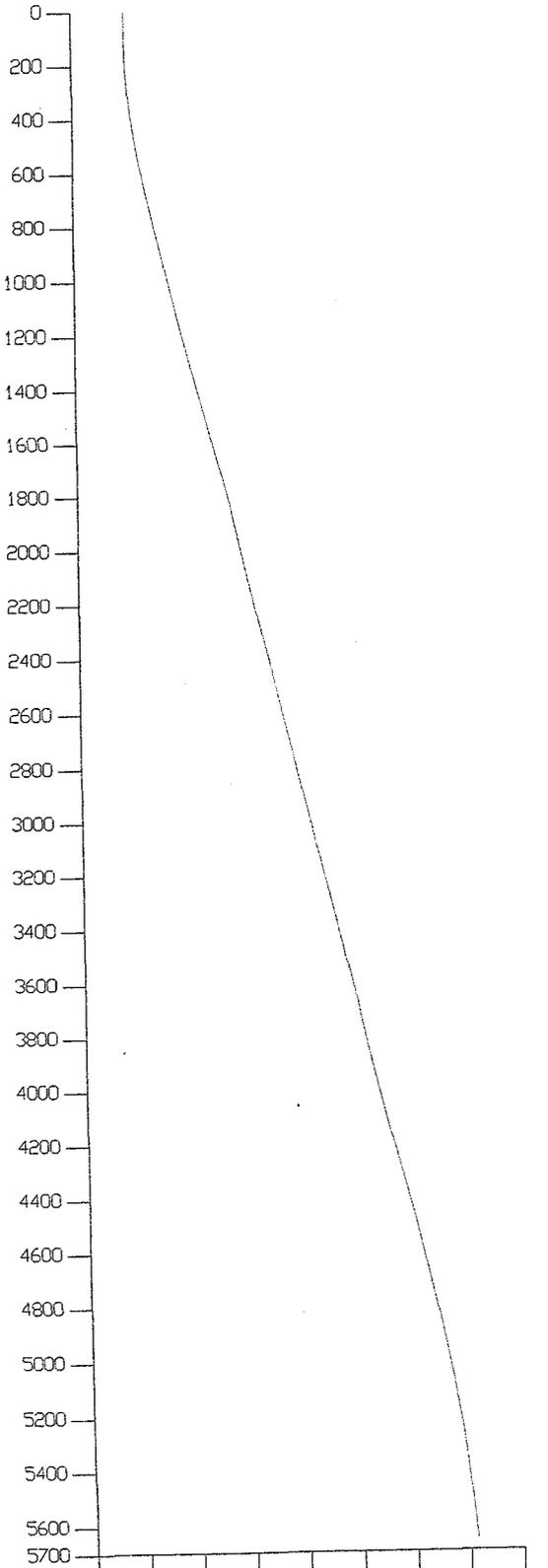
BRET WOLFORD
OPERATIONS COORDINATOR

TOM BROWN INC.
 BULLHORN UNIT #10-43
 SAN JUAN CO., UT
 RIG: CYCLONE #16

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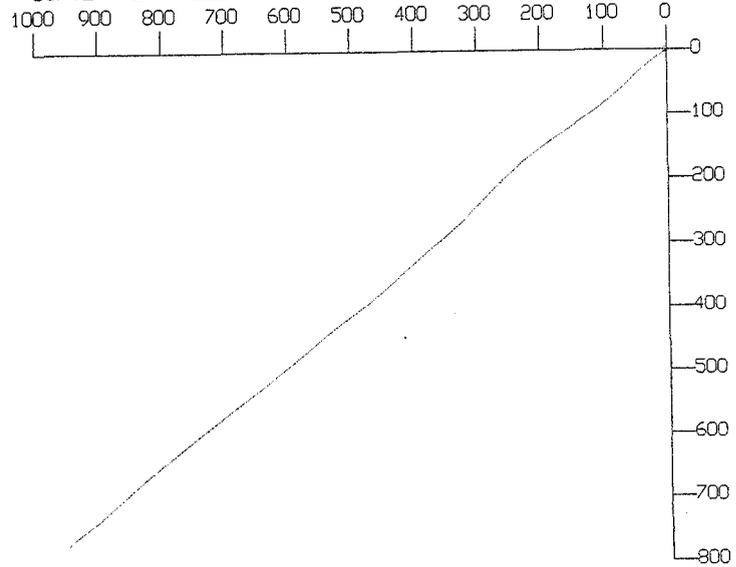


VERTICAL VIEW
 SCALE 200 ft. / DIVISION
 TVD REF: WELLHEAD
 VERTICAL SECTION REF: WELLHEAD



VERTICAL SECTION PLANE: 231.41°

HORIZONTAL VIEW
 SCALE 100 ft. / DIVISION
 SURVEY REF: WELLHEAD



B-H DATA	
TVD	5657.32
MD	5800.00
VS	1228.17
N/S	771.43 S
E/W	955.70 W

BHL Report

*Calculated using the Minimum Curvature Method
Computed using PDS VER2.2.6
Vertical Section Plane: 231.41 deg.*

Survey Reference: WELLHEAD
Vertical Section Reference: WELLHEAD
Closure Reference: WELLHEAD
TVD Reference: WELLHEAD

Tom Brown Inc
Bullhorn Unit #10-43
San Juan Co., UT
Rig: Cyclone #16

Decl: 11.76° East to True
KBH: 15' To Ground Level

PES Office Supervisor:
Rich Arnold
PES Field Engineer:
Aaron Carlson
PES Directional Drillers:
Dan Groelle, Todd Guffy

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Measured Depth	5800.00	(ft)
Inclination	5.63	(deg)
Azimuth	230.26	(deg)
True Vertical Depth	5657.32	(ft)
Vertical Section	1228.17	(ft)
Rectangular Offsets		
North/South	771.43 S	(ft)
East/West	955.70W	(ft)
Closure Dist & Dir	1228.17@231.09	(deg)
Dogleg Severity	0.00	(deg/100ft)
Build Rate	0.00	(deg/100ft)
Walk Rate	0.00	(deg/100ft)

Survey Report

*Calculated using the Minimum Curvature Method
 Computed using PDS VER2.2.6
 Vertical Section Plane: 231.41 deg.*

Survey Reference: WELLHEAD
 Vertical Section Reference: WELLHEAD
 Closure Reference: WELLHEAD
 TVD Reference: WELLHEAD

Tom Brown Inc
 Bullhorn Unit #10-43
 San Juan Co., UT
 Rig: Cyclone #16

CONFIDENTIAL

Decl: 11.76° East to True
 KBH: 15' To Ground Level

PES Office Supervisor:
 Rich Arnold
 PES Field Engineer:
 Aaron Carlson
 PES Directional Drillers:
 Dan Groelle, Todd Guffy

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft)		Closure Dist. (ft)	Dir. (deg.)	DLS (dg/100ft)
TIE INTO SURFACE.										
0.00	0.00	0.00	0.00	0.00	0.00	0.00 N	0.00 E	0.00@	0.00	0.00
FOLLOWING ARE PATHFINDER MWD SURVEYS.										
115.00	0.53	215.14	115.00	115.00	0.51	0.43 S	0.31W	0.53@	215.14	0.46
205.00	2.20	228.32	204.97	90.00	2.64	1.92 S	1.84W	2.66@	223.66	1.88
290.00	4.75	233.68	289.81	85.00	7.78	5.09 S	5.89W	7.79@	229.15	3.02
379.00	7.75	235.79	378.27	89.00	17.45	10.65 S	13.82W	17.45@	232.39	3.38
470.00	9.58	231.40	468.23	91.00	31.14	18.83 S	24.82W	31.15@	232.82	2.14
561.00	11.43	229.64	557.70	91.00	47.73	29.39 S	37.61W	47.73@	231.99	2.06
653.00	13.10	226.57	647.60	92.00	67.23	42.46 S	52.13W	67.23@	230.83	1.95
746.00	13.54	227.36	738.09	93.00	88.59	57.08 S	67.79W	88.62@	229.90	0.51
840.00	14.07	229.73	829.38	94.00	110.99	71.92 S	84.60W	111.04@	229.63	0.82
934.00	13.37	230.87	920.70	94.00	133.28	86.17 S	101.75W	133.33@	229.74	0.80
1027.00	13.19	236.32	1011.21	93.00	154.60	98.84 S	118.92W	154.63@	230.27	1.36
1120.00	14.68	236.32	1101.47	93.00	176.92	111.26 S	137.56W	176.92@	231.03	1.60
1213.00	15.30	235.35	1191.31	93.00	200.90	124.77 S	157.46W	200.90@	231.61	0.72
1307.00	14.95	235.18	1282.05	94.00	225.37	138.74 S	177.61W	225.38@	232.00	0.38
1399.00	15.48	234.48	1370.83	92.00	249.47	152.65 S	197.35W	249.50@	232.28	0.61
1492.00	15.39	232.45	1460.47	93.00	274.20	167.38 S	217.24W	274.24@	232.39	0.59
1586.00	14.86	230.26	1551.22	94.00	298.72	182.69 S	236.39W	298.76@	232.30	0.83
1680.00	14.60	227.88	1642.13	94.00	322.60	198.34 S	254.45W	322.62@	232.06	0.70
1774.00	15.12	226.04	1732.98	94.00	346.63	214.80 S	272.06W	346.64@	231.71	0.75
1855.00	13.45	224.10	1811.48	81.00	366.49	228.90 S	286.22W	366.49@	231.35	2.14
1969.00	13.01	225.33	1922.45	114.00	392.40	247.44 S	304.58W	392.42@	230.91	0.46
2064.00	13.28	225.07	2014.96	95.00	413.88	262.66 S	319.90W	413.92@	230.61	0.29
2155.00	13.19	229.11	2103.55	91.00	434.64	276.84 S	335.15W	434.71@	230.44	1.02
2249.00	13.72	230.26	2194.97	94.00	456.51	290.99 S	351.83W	456.58@	230.41	0.63

Survey Report

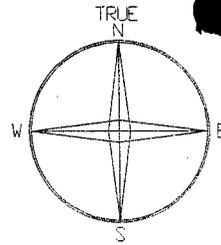
Wellpath ID: Bullhorn 10-43

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL		Closure		DLS (dg/100ft)
						Rectangular (ft)	Offsets (ft)	Dist. (ft)	Dir. (deg.)	
2343.00	14.42	231.22	2286.15	94.00	479.36	305.45 S	369.53W	479.43@230.42	0.78	
2438.00	14.51	229.20	2378.14	95.00	503.08	320.63 S	387.76W	503.15@230.41	0.54	
2532.00	13.63	229.11	2469.32	94.00	525.91	335.58 S	405.05W	526.00@230.36	0.94	
2626.00	14.16	228.50	2560.56	94.00	548.46	350.45 S	422.03W	548.56@230.29	0.58	
2720.00	13.72	229.99	2651.80	94.00	571.09	365.23 S	439.18W	571.20@230.25	0.60	
2813.00	13.98	229.29	2742.09	93.00	593.34	379.65 S	456.14W	593.46@230.23	0.33	
2905.00	13.63	232.45	2831.44	92.00	615.28	393.50 S	473.16W	615.41@230.25	0.90	
2998.00	13.19	234.74	2921.90	93.00	636.83	406.31 S	490.51W	636.94@230.36	0.74	
3093.00	13.45	233.16	3014.34	95.00	658.69	419.19 S	508.21W	658.78@230.48	0.47	
3187.00	13.72	233.42	3105.72	94.00	680.76	432.39 S	525.91W	680.83@230.57	0.29	
3282.00	13.89	231.22	3197.97	95.00	703.42	446.24 S	543.84W	703.49@230.63	0.58	
3375.00	13.45	230.17	3288.34	93.00	725.40	460.16 S	560.85W	725.47@230.63	0.54	
3469.00	14.07	230.70	3379.64	94.00	747.75	474.40 S	578.09W	747.82@230.63	0.67	
3561.00	14.25	233.30	3468.84	92.00	770.25	488.25 S	595.82W	770.32@230.67	0.72	
3653.00	13.81	230.26	3558.10	92.00	792.55	502.04 S	613.34W	792.61@230.70	0.93	
3746.00	12.66	230.08	3648.63	93.00	813.84	515.68 S	629.69W	813.90@230.68	1.24	
3840.00	12.31	233.42	3740.41	94.00	834.15	528.26 S	645.64W	834.21@230.71	0.85	
3935.00	12.57	234.04	3833.18	95.00	854.60	540.36 S	662.14W	854.65@230.78	0.31	
4030.00	13.54	233.86	3925.72	95.00	876.03	552.99 S	679.49W	876.07@230.86	1.02	
4123.00	14.42	234.74	4015.97	93.00	898.47	566.10 S	697.74W	898.50@230.95	0.97	
4217.00	14.33	233.16	4107.02	94.00	921.78	579.83 S	716.60W	921.80@231.02	0.43	
4311.00	15.04	232.72	4197.95	94.00	945.60	594.19 S	735.62W	945.62@231.07	0.76	
4405.00	15.21	231.84	4288.69	94.00	970.13	609.20 S	755.02W	970.14@231.10	0.30	
4499.00	14.77	231.84	4379.50	94.00	994.44	624.22 S	774.14W	994.45@231.12	0.47	
4592.00	14.42	232.19	4469.50	93.00	1017.87	638.64 S	792.61W	1017.88@231.14	0.39	
4687.00	13.37	232.45	4561.71	95.00	1040.68	652.59 S	810.66W	1040.69@231.17	1.11	
4781.00	13.28	228.94	4653.18	94.00	1062.34	666.31 S	827.42W	1062.35@231.16	0.87	
4874.00	13.19	229.29	4743.71	93.00	1083.61	680.24 S	843.51W	1083.63@231.12	0.13	
4968.00	12.31	228.94	4835.40	94.00	1104.34	693.82 S	859.20W	1104.36@231.08	0.94	
5060.00	12.05	227.62	4925.32	92.00	1123.72	706.73 S	873.69W	1123.75@231.03	0.41	
5153.00	11.08	230.17	5016.44	93.00	1142.34	719.00 S	887.72W	1142.37@230.99	1.18	
5248.00	10.20	231.13	5109.80	95.00	1159.88	730.13 S	901.28W	1159.91@230.99	0.94	
5341.00	9.23	234.65	5201.47	93.00	1175.56	739.61 S	913.78W	1175.59@231.01	1.22	
5436.00	8.00	234.83	5295.39	95.00	1189.77	747.83 S	925.40W	1189.79@231.06	1.30	
5530.00	6.68	232.98	5388.62	94.00	1201.76	754.89 S	935.11W	1201.78@231.09	1.43	
5623.00	5.19	229.82	5481.12	93.00	1211.38	760.86 S	942.64W	1211.39@231.09	1.64	
5716.00	5.45	232.54	5573.72	93.00	1220.00	766.26 S	949.36W	1220.01@231.09	0.39	
5755.00	5.63	230.26	5612.54	39.00	1223.76	768.61 S	952.30W	1223.78@231.09	0.73	
STRAIGHT LINE PROJECTION TO TD, END OF JOB.										
5800.00	5.63	230.26	5657.32	45.00	1228.17	771.43 S	955.70W	1228.19@231.09	0.00	

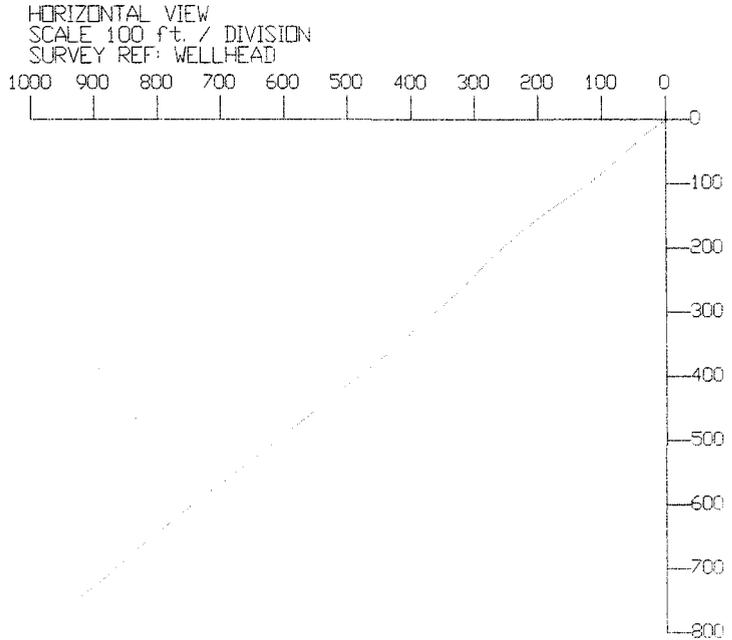
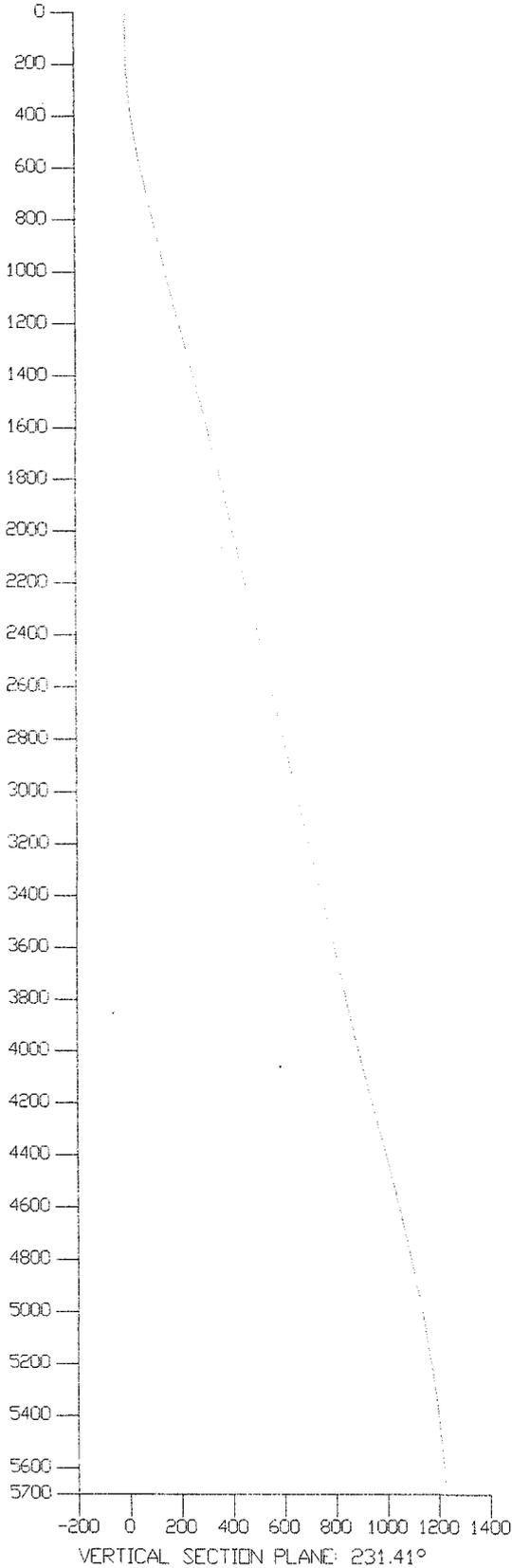
CONFIDENTIAL

TOM BROWN INC.
 BULLHORN UNIT #10-4
 SAN JUAN CO., UT
 RIG: CYCLONE #16

CONFIDENTIAL



VERTICAL VIEW
 SCALE 200 ft. / DIVISION
 TVD REF: WELLHEAD
 VERTICAL SECTION REF: WELLHEAD



BHL DATA	
TVD	5657.32
MD	5800.00
VS	1228.17
N/S	771.43 S
E/W	955.70 W

010

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

FORM 6

ENTITY ACTION FORM

Operator: Tom Brown, Inc.
Address: 555 17th Street
city Denver
state CO zip 80202

Operator Account Number: N 9885
Phone Number: (303) 260-5031

Well 1

API Number	Well Name	QQ	Sec	Twp	Rng	County
4303731831	Bull Horn Unit 10-43	SWSE	10	30S	25E	San Juan
Action Code	Current Entity Number	New Entity Number	Spud Date	Entity Assignment Effective Date		
A	99999	14393	10/24/2004	11/18/04		
Comments: <u>ISMY</u> CONFIDENTIAL						

Well 2

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

Well 3

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

ACTION CODES:

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

Jane Washburn

Name (Please Print)

Jane Washburn

Signature

Engineering Tech

Title

11-15-04

Date

(5/2000)

RECEIVED

NOV 16 2004

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

011

Do not use this form for proposals to drill, or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE

CONFIDENTIAL

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UT-73190
2. Name of Operator: Tom Brown, Inc.		6. If Indian, Allotee or Tribe Name NA
3. Address and Telephone No. 555 Seventeenth Street, Suite 1850, Denver, CO 80202		7. If Unit or CA/Agreement Designator Bull Horn Unit (Proposed)
4. Location of Well (Footage, T, R, M, or Survey Description) SWSE Sec 10-T30S-R25E (1244' FSL, 2040' FEL)		8. Well Name and No. Bull Horn Unit 10-43
		9. API Well No. 43-037-31831
		10. Field and Pool, or Exploratory Area Bull Horn
		11. County or Parish, State San Juan, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (start/resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Report of Operations</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The Bull Horn Unit 10-43 reached TD of 5822' on 11/5/04, and rig release was @0500 on 11/8/04. Attached are daily reports from 11/3/04 through 11/8/04. Completion operations are expected to begin 11/16/04.

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

Name (Printed/Typed) Jane Washburn	Title Engineering Technician
Signature 	Date 11/15/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

RECEIVED
NOV 22 2004
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Lease Serial No.

012

Do not use this form for proposals to drill, or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

COPY

UT-73190

6. If Indian, Allote or Tribe Name

NA

SUBMIT IN TRIPLICATE

1. Type of Well

- Oil Well Gas Well Other

7. If Unit or CA/Agreement Designator

Bull Horn Unit (Proposed)

2. Name of Operator:

Tom Brown, Inc.

Contact:

Jane Washburn

Phone:

303/260-5031

8. Well Name and No.

Bull Horn Unit 10-43

3. Address and Telephone No.

555 Seventeenth Street, Suite 1850, Denver, CO 80202

9. API Well No.

43-037-31831

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

SWSE Sec 10-T30S-R25E (1244' FSL, 2040' FEL)

10. Field and Pool, or Exploratory Area

Bull Horn

11. County or Parish, State

San Juan, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (start/resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Report of Operations</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Completion operations commenced on the Bull Horn Unit 10-43 on 11/16/04. Attached for your information are daily reports detailing activity from 11/16/04 through 11/21/04.

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Jane Washburn

Title

Engineering Technician

Signature

Jane Washburn

Date

11/22/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

Office

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

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NOV 26 2004

DIV. OF OIL, GAS & MINING

Utah

REGULATORY COMPLETION SUMMARY



Well Name : Bull Horn Unit 10-43

API : 4303731831

Area : Big Indian

Ops Date : 11/21/2004 Report # : 6 End Time Description

Summary : Well had 350 psi on csg. Blew down to 0 w/ no H2S. R/U Stinger & install tool. Hold pre-job safety meeting and JSA. B.J performed 1 stage frac w/ tracer on Interval 1 Ismay 5480' to 5510'. B/D interval w/ psi break @ 3390 & 12.3 bpm. Pump 500 gals. acid & broke back to 3081. ISIP 3050. Due to time cont. nitrified frac. interval w/ 51,506 lbs of 20/40 white sand. 1# to 4# increments. Avg. psi 4251 & max 5481. Avg bpm @ 24 w/ max of 25. ISIP 3300, 5 min. 3104, 10 min 3037, 15 min 2984, 20 min 2950, 25 min 2930, & 30 min 2907. SWIFN

Enter the description here

CONFIDENTIAL

Well Name : Bull Horn Unit 10-43

API : 4303731831

Area : Big Indian

Ops Date : 11/20/2004 Report # : 5 End Time Description

Summary : Rig Stand-by

Enter the description here

Well Name : Bull Horn Unit 10-43

API : 4303731831

Area : Big Indian

Ops Date : 11/19/2004 Report # : 4 End Time Description

Summary : TOO H w/ Scraper & Bit. Lone Wolf Perforate Interval #1 Ismay 5480'-5510' @ 4 spf over 30' for a total of 120 holes. 0 psi, 0 fluid, 0 PPM H2S. SWIFN

Enter the description here

Well Name : Bull Horn Unit 10-43

API : 4303731831

Area : Big Indian

Ops Date : 11/18/2004 Report # : 3 End Time Description

Summary : Test BOPE to 3000, held. Unload 2-7/8" N-80 Tubing. P/U bit & scraper. Strap & P/U 2-7/8" N-80 work string & TIH to PBTD @ 5776' (our strap). Test casing to 3000, held. R/U & swab well down to 2000'. Fill frac tanks (5-500 barrel tanks) & load sand for frac. SWIFN

Enter the description here

Well Name : Bull Horn Unit 10-43

API : 4303731831

Area : Big Indian

Ops Date : 11/17/2004 Report # : 2 End Time Description

Summary : Spot rig equipment, NDWH, NUBOPE, Lone Wolf run CBL w/ VDL-GR-CCL f/ PBTD to surface (-150' w/ no fluid) (Drilling report indicated good cement circ. to surface) Log showed cmt. to 150'. Spot frac & blow down tanks.

Enter the description here

Well Name : Bull Horn Unit 10-43

API : 4303731831

Area : Big Indian

Ops Date : 11/16/2004 Report # : 1 End Time Description

Summary : Road rig to location & R/U. Dead men set & wellhead installed.

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NOV 26 2004

DIV. OF OIL, GAS & MINING

COPY

Utah

013

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill, or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE

CONFIDENTIAL

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UT-73190
2. Name of Operator: Tom Brown, Inc.		6. If Indian, Allotte or Tribe Name NA
3. Address and Telephone No. 555 Seventeenth Street, Suite 1850, Denver, CO 80202		7. If Unit or CA/Agreement Designator Bull Horn Unit (Proposed)
4. Location of Well (Footage, T, R, M, or Survey Description) SWSE Sec 10-T30S-R25E (1244' FSL, 2040' FEL)		8. Well Name and No. Bull Horn Unit 10-43
		9. API Well No. 43-037-31831
		10. Field and Pool, or Exploratory Area Bull Horn
		11. County or Parish, State San Juan, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (start/resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Notice of 1st Sales</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/BLA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The Bull Horn Unit 10-43 was turned to sales on 12/15/04.
Daily Rate: 18 BO, 1.9 MMCF, 36 BW
280 TP, 750 CP

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

Name (Printed/Typed) Jane Washburn	Title Engineering Technician
Signature <i>Jane Washburn</i>	Date 12/16/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

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

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

RECEIVED
DEC 20 2004
DIV. OF OIL, GAS & MINING

016

303 256 Sec 10
43034 31831



EnCana Oil & Gas (USA) Inc.

facsimile cover sheet

fax:

Date: 1/20/05

No. of Pages: (including cover)

To:

Name	Company	Fax
Dustin Doucet	UDOGM	(801) 359-3940

From: Jane Washburn
 Fax No.: (720) 876-5188
 Telephone No.: (720) 876-5431

Message:

RECEIVED
 JAN 21 2005
 DIV. OF OIL, GAS & MINING

- please handle
- for your information
- per our conversation
- for distribution
- please approve
- per your request
- For our file
- please call

Call if problems are encountered with this transmission (720) 876-5063 (phone)

The information transmitted is intended only for the person or entity to which it is addressed and may contain confidential and/or privileged material. Any review, retransmission, dissemination or other use of or taking any action in reliance on, this information by persons or entities other than the intended recipient is prohibited. If you received this in error, please contact the sender and delete the material from any computer.

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial No.
UT-73190

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA/Agreement Designation
Bull Horn Unit

8. Well Name and No.
Bull Horn Unit 10-43

9. API Well No.
43-037-31831

10. Field and Pool, or Exploratory Area
Bull Horn

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator: EnCana Oil & Gas (USA) Inc. Contact: Jane Washburn
(successor in interest of Tom Brown, Inc. effective 1/1/05) Phone: 720/876-5431

3. Address and Telephone No.
370 Seventeenth Street, Suite 1700, Denver, CO 80202

4. Location of Well
Footages: SHL: SWSE Sec 10-T30S-R25E (1244' FSL, 2040' FEL) County: San Juan
QQ, Sec T,R,M: BHL: SESW Sec 10-T30S-R25E (884' FSL, 2473' FEL) State: Utah

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

NOTICE OF INTENT
(Submit in Duplicate)

Abandon
 Repair Casing
 Change Plans
 Convert to Injection
 Fracture Treat or Acidize
 Multiple Completion
 Other
Commingling Zones

Approximate date work will start _____

New Construction
 Pull or Alter Casing
 Recomplete
 Reperforate
 Vent or Flare
 Water Shut-Off

SUBSEQUENT REPORT
(Submit Original Form Only)

Abandon*
 Repair Casing
 Change Plans
 Convert to Injection
 Fracture Treat or Acidize
 Other

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.
* Must be accompanied by a cement verification report.

12. Describe Proposed or completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof.
If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones.
Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Permission is requested to commingle production for the Bull Horn Unit 10-43 from the Cutler and Hermosa zones. Initial test rates for the lower Hermosa zones were 950 MCFD, and the upper Hermosa/Cutler tested at 4.5 MMCFD. Production logs are planned to be run late-February to determine allocations for each zone.

Attached is a Bull Horn Unit Area plat indicating the location of the well and oil and gas lease ownership along with an affidavit of notification to the contiguous lease owners.

13. Name (Printed/Typed) Jane Washburn Title Operations Engineering Tech
Signature *Jane Washburn* Date 01/20/2005
(This space for State use only)

RECEIVED
JAN 21 2005
DIV. OF OIL, GAS & MINING

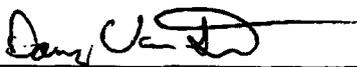
AFFIDAVIT

State of Colorado)
City and)ss.
County of Denver)

Before me, the undersigned, a Notary Public in and for said County, State of Colorado, on this date personally appeared Doug VanSteelandt, as Attorney-in-Fact for EnCana Oil & Gas (USA) Inc. (successor in interest of Tom Brown, Inc. by merger effective January 1, 2005) ("EnCana") to me well known, and who, after being by me duly affirmed, deposes and says that Cabot Oil & Gas Corporation ("Cabot") and Kenneth K. Farmer ("Farmer") have been provided a copy of the application (Sundry Notice dated 1/20/05) relative to the completion of the Bull Horn Unit #10-43 Well ("Subject Well"), whereby production from the Cutler and Hermosa zones shall be commingled through the same string of casing. Cabot is the owner of the drillsite lease (Federal Lease U-73190), Farmer is the owner of the offsetting contiguous lease to the north (Federal Lease U-80066) and EnCana is the owner of the offsetting contiguous lease to the south (Federal Lease U-74464). The Subject Well was drilled as the Exploratory Initial Obligation Well within the Bull Horn Federal Unit and is situated at the following location:

SHL: SW/4SE/4 Sec. 10, T30S, R25E (1,244' FSL, 2,040' FEL)
BHL: SE/4SW/4 Sec. 10, T30S, R25E (884' FSL, 2,473' FEL)
San Juan County, Utah

Further affiant sayeth not.



Doug Van Steelandt, Attorney-in-Fact

State of Colorado)
City and)ss.
County of Denver)

On the 20th day of January, 2005, personally appeared before me Doug VanSteelandt, who being by me duly affirmed, did say that he is the Attorney-in-Fact of EnCana Oil & Gas (USA) Inc., and that said instrument was signed on behalf of said corporation by authority of a resolution of its Board of Directors, and said Doug VanSteelandt acknowledged to me that said Corporation executed the same.

Witness my hand and official seal.

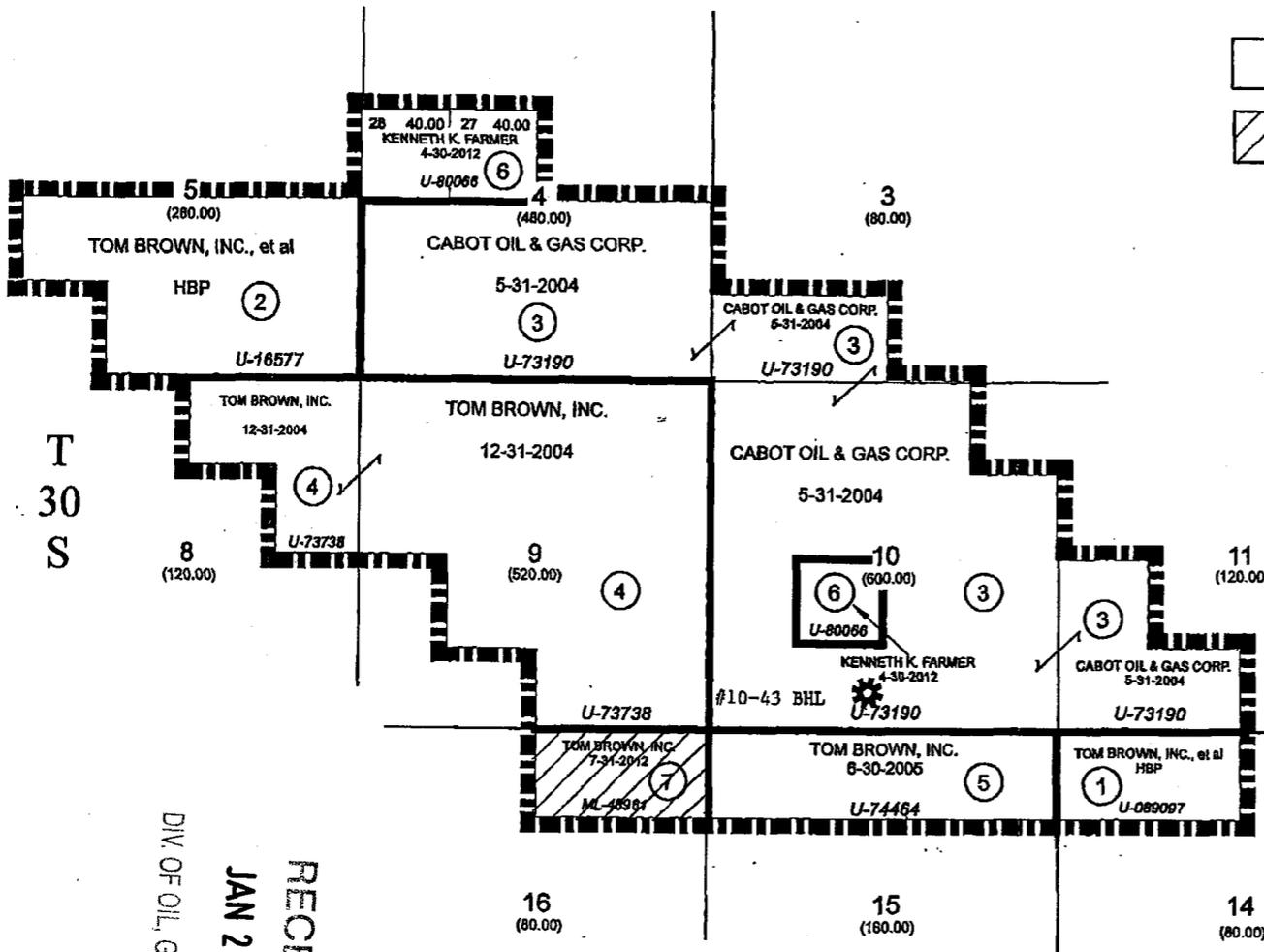


My Commission Expires 08/18/2008



Daralyn M. Dostie, Notary Public

R 25 E



	ACREAGE	PERCENTAGE
FEDERAL LANDS	2,360.00	96.72%
STATE LANDS	80.00	3.28%
TOTALS	2,440.00	100.00%

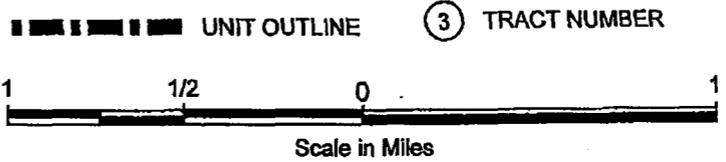


EXHIBIT "A"
BULL HORN UNIT AREA
 SAN JUAN COUNTY, UTAH

TOM BROWN, INC.
 DENVER, COLORADO

RECEIVED
 JAN 21 2005
 DIV. OF OIL, GAS & MINING

St. of UT

COPY

FORM 3160-4
(August, 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

FORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

3. Lease Serial No. **UT-73190**

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

7. Unit or CA Agreement Name and No. **Bull Horn Unit (Proposed)**

8. Lease Name and Well No. **Bull Horn Unit 10-43**

9. API Well No. **43-037-31831**

10. Field and Pool, or Exploratory **Bull Horn**

11. Sec., T., R., M., on Block and Survey or Area **SWSE Sesc 10-30S-25E**

12. County/Parish **San Juan** 13. State **Utah**

1. Type of Well: Oil Well Gas Well Dry Other: _____

1b. Type of Completion: New Well Workover Deepen Plug Back Diff. Resvr. Other: _____

2. Name of Operator **Jane Washburn**
Tom Brown, Inc. 720/876-5431

3. Address **370 Seventeenth Street, Suite 1700, Denver, Colorado 80202**

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At Surface: **SWSE 1244' FSL and 2040' FEL**
At top prod. interval reported below **884' FSL and 2473' FEL (SWSE)**
At total depth **473' FSL and 2315' FEL (SESW)**

CONFIDENTIAL
PERIOD
EXPIRED
ON 1-4-06

14. Date Spudded **10/24/2004** 15. Date T.D. Reached **11/05/2004** 16. Date Completed. (prod) **12/04/2004**
D&A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)* **6688' GL, 6703' KB**

18. Total Depth: MC MD **5820** 19. Plug Back T.D.: MD **5772** 20. Depth Bridge Plug Set: MD **5629**
TVD **5677** TVD **5629** TVD

21. Type Electric & Other Mechanical Logs Run (Submit Copy of each)
MCFL, HRLA, BCR Expert Mode, Triple LithoDensity-Compensated Neutron, Triple Combo Presentation, CBL

22. Was Well Cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit report)
Directional Survey? No Yes (Submit copy)

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer	No. of Skis & Type of Cement	Slurry vol. (BBL)	Cement Top*	Amount Pulled
12.25	9.625 K-55	36#	surface	1905		359 SX lead, 281 sx tail, Type III		surface	
8.75	5.5 HCP-110	17#	surface	5822		846 sx Prem lite		1350'	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"2-7/8"2-7/8"	5,822							

25. Producing Intervals **Zone - CT HSA** 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) Cutler/Hermosa	2568	3206	2568-4348	0.39	736	open
B) Hermosa	3698	5510	4990-5020	0.39	120	open
C)			5300-5330	0.39	120	open
D)			5480-5510	0.39	120	open

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

Depth Interval	Amount and Type of Material
4990-5020	Frac w/623 bbbs 70Q foam and 51,507# 20/40 sand
5300-5330	Frac w/871 bbbs 70Q foam and 51,507# 20/40 sand
5480-5510	Frac w/51,506# 20/40 white sand

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28. Production - Interval A

Date First Prod	Test Date	Hours Tested	Test Production	Oil (BBL)	Gas (MCF)	Water (BBL)	Oil Gravity Corr.	Gas Gravity	Production Method
12/15/2004	12/02/2004	24		0	4500	0	API		Flowing
Choke Size	Tbg Press. Flwg./SI	Csg Press.	24 Hr. Rate	Oil (BBL)	Gas (MCF)	Water (BBL)	Gas:Oil Ratio	Well Status	
32/64		850		0	4500	0			Producing

28a. Productin - Interval B

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

(See instructions and spaces for additional data on reverse side)

28b. Production - Interval C

Date First Prod 12/15/2004	Test Date 11/28/2004	Hours Tested	Test Production 24	Oil (BBL) 0	Gas (MCF) 950	Water (BBL) 0	Oil Gravity Corr. API	Gas Gravity	Production Method Flowing
Choke Size na	Tbg Press. Flwg/ SI	Csg Press. 300	24 Hr. Rate	Oil (BBL) 0	Gas (MCF) 950	Water (BBL) 0	Gas:Oil Ratio	Well Status	Producing

28c. Productin - Interval D

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

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

SOLD

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top	Meas. Depth
				Cutler		1850
				Hermosa		3261

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|------------------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: Well History | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Jane Washburn Title Operations Engineering Tech

Signature  Date 01/14/2005

WELLBORE DIAGRAM

Surface Loc: 1244' FSL, 2040' FEL

Operator: Tom Brown, Inc.
 Well Name: Bull Horn 10-43
 Lease Number: UT-73190
 Location: SWSE Sec 10-T30S-R25E
 Field: Bull Horn 10-43
 County: San Juan, Utah
 API Number: 43-037-31831
 Diagram Date: 01/14/2005

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KB 6703
 GL 6688

Well History

Spud Date 10/24/2004
 TD Reached 11/05/2004
 Rig Released 11/08/2004
 Completion Date 12/04/2004
 First Sales: 12/15/2004

41 jts 9 5/8" 36# K-55 LT&C
 csg @ 1905'; cmt w/369 sx
 Type III lead; 281 sx Type III tail

TOC @ 1350'

Top of Cutler 1850'

Tubing Detail:

KB
 171 jts 2-7/8" 6.5# N-80 new tbg
 1.87 F-Nipple
 1 jt 2-7/8" tbg
 1.81 F Nipple
 2' Sub
 EOT

Depth:

15.00
 5236.70
 1.05
 31.20
 1.05
 2.00
5287.00

Top of Hermosa @ 3261'

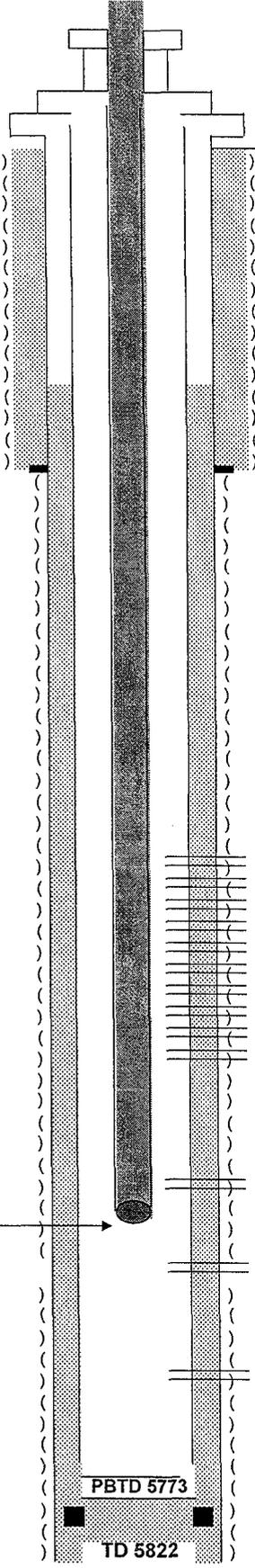
2568-2584
 2850-2578 Cutler/Hermosa Perfs shot 12/1/04 (736 holes)
 3080-3092 3-3/8", 4 spf, 90° phasing
 3104-3116
 3174-3206
 3698-3712
 3722-3738
 3824-3836
 3848-3864
 4326-4348
 4990-5020 Hermosa Perfs shot 11/22/04 (120 holes)
 3-3/8", 4 spf, 90° phasing
 Pump 500 gal acid and frac w/51,506# 20/40 sand
 5300-5330 Hermosa Perfs shot 11/22/04 (120 holes)
 3-3/8", 4 spf, 90° phasing
 Pump 500 gal acid and frac w/871 bbls 70Q foam
 and 51,507# 20/40 sand
 5480-5510 Hermosa Perfs shot 11/19/04 (120 holes)
 3-3/8", 4 spf, 90° phasing
 Pump 500 gal acid and frac w/51,506# 20/40 sand

EOT @ 5287'

PBTD 5773

TD 5822

125 jts 5.5" 17# P-110 LT&C csg @ 5822
 Cmt w/846 sx Prem Lite



REGULATORY DRILLING SUMMARY



Well : **Bull Horn Unit 10-43** API # : 4303731831 Operations Date : 11/08/2004
Surface Location : SWSE-10-30S-25 E 6th PM Area : Big Indian Report # : 16
Spud Date : 10/24/2004 Days From Spud : 15 Depth At 06:00 : 5822
Morning Operations : Release rig Estimated Total Depth : 5880

Remarks :

Time To	Description
10:00 AM	Lay down drill string.
4:30 PM	Run 125jts. 5,50", 17#, P110 csg =5,836.07, set at 5,822'
6:00 PM	Install cmt head, circulate csg.
8:00 PM	Using BJ Cementing, mixed and pumped 846 sks Preamlite Cmt. mixed at 12.5ppg, slurry volume 301.4 bbls. Ran top plug, displaced with 134.2 bbls 2% KCL. Final pressure 1,200psi, increased pressure to 1,720psi, released pressure, floats held. Had 3 bbls cmt returns.
6:00 PM	Nipple down BOPS', set 11" x 5 1/2" C-22 slips with 75,000# wt. on slips.
5:00 AM	Clean mud tanks, release rig at 0500hrs, 11/08/04

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Well : **Bull Horn Unit 10-43** API # : 4303731831 Operations Date : 11/07/2004
Surface Location : SWSE-10-30S-25 E 6th PM Area : Big Indian Report # : 15
Spud Date : 10/24/2004 Days From Spud : 14 Depth At 06:00 : 5822
Morning Operations : Lay down drill string Estimated Total Depth : 5880

Remarks :

Time To	Description
9:00 PM	Using Schlumberger attempt 40 side wall cores, Run #1 recovered 23, Run #2 attempt 17, recovered 16.
1:00 AM	TIH, wash 90' to bottom.
3:00 AM	Circulate and condition hole to run csg. Bottoms up gas 1734units.
6:00 AM	

Well : **Bull Horn Unit 10-43** API # : 4303731831 Operations Date : 11/06/2004
Surface Location : SWSE-10-30S-25 E 6th PM Area : Big Indian Report # : 14
Spud Date : 10/24/2004 Days From Spud : 13 Depth At 06:00 : 5822
Morning Operations : Side wall cores Estimated Total Depth : 5880

Remarks :

Time To	Description
3:30 PM	Using Schlumberger, Run #2: Platform Express, Dipole- Sonic, SPIT Inclinometry, from 5,826' to 1,894'. (Logging depth 5,828')
5:30 PM	Remove wear bushing, TIH to 1,850, wait on side wall core ing tool.
10:00 PM	C&C.
11:30 PM	TOOH
11:00 PM	Service rig.
6:00 AM	Side wall coring tool on location, repair hydraulic piston in coring tool.

REGULATORY DRILLING SUMMARY



Well : **Bull Horn Unit 10-43** API # : 4303731831 Operations Date : 11/05/2004
Surface Location : SWSE-10-30S-25 E 6th PM Area : Big Indian Report # : 13
Spud Date : 10/24/2004 Days From Spud : 12 Depth At 06:00 : 5822
Morning Operations : Logging Estimated Total Depth : 5880

Remarks :
istivity

Time To	Description
12:30 PM	Drld f 5,528' t 5,638'.
1:00 PM	Service rig.
6:00 PM	Drig f 5,638' t 5,822'. Top of Paradox Salt at 5,690', drilled 110' of salt.
8:00 PM	Make 10 std short trip.
10:00 PM	Circulate hole clean for logging.
4:00 AM	TOOH, lay down MM and Monel collar.
6:00 AM	Using Schlumberger, Run #1: Nuutron-Density, Laterlog Resistivity. (Tool length 60')

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Well : **Bull Horn Unit 10-43** API # : 4303731831 Operations Date : 11/04/2004
Surface Location : SWSE-10-30S-25 E 6th PM Area : Big Indian Report # : 12
Spud Date : 10/24/2004 Days From Spud : 11 Depth At 06:00 : 5528
Morning Operations : Estimated Total Depth : 5880

Remarks :

Time To	Description
3:00 PM	Drig f 5,155' t 5,325'.
3:30 PM	Service rig.
3:00 AM	Drig f 5,325' t 5,403'.
3:30 AM	Tighten kelly sub.
6:00 AM	Drig f 5,403' t 5,528'

Well : **Bull Horn Unit 10-43** API # : 4303731831 Operations Date : 11/03/2004
Surface Location : SWSE-10-30S-25 E 6th PM Area : Big Indian Report # : 11
Spud Date : 10/24/2004 Days From Spud : 10 Depth At 06:00 : 5155
Morning Operations : Drilling Estimated Total Depth : 5880

Remarks :

Time To	Description
11:30 AM	Drig f 4,650' t 4,796'.
12:00 PM	Service rig, fuction test BOPS'.
6:00 AM	Drig f 4,796' t 5,155'.

Well : **Bull Horn Unit 10-43** API # : 4303731831 Operations Date : 11/02/2004
Surface Location : SWSE-10-30S-25 E 6th PM Area : Big Indian Report # : 10
Spud Date : 10/24/2004 Days From Spud : 9 Depth At 06:00 : 4650
Morning Operations : Drilling Estimated Total Depth : 5880

Remarks :

Time To	Description
3:30 PM	Drig f 3,910' t 4,230'
4:00 PM	Service rig.
6:00 AM	Drig f 4,230' t 4,650'.

REGULATORY DRILLING SUMMARY



Well : **Bull Horn Unit 10-43** API # : 4303731831 Operations Date : 10/29/2004
Surface Location : SWSE-10-30S-25 E 6th PM Area : Big Indian Report # : 6
Spud Date : 10/24/2004 Days From Spud : 5 Depth At 06:00 : 2292
Morning Operations : Estimated Total Depth : 5880

Remarks :

Time To	Description
10:00 AM	Finish out of hole, change out mud motor, TIH w/ BHA.
11:30 AM	Cut DL. (100')
12:30 PM	Finish trip in hole to 1,830'
1:30 PM	Drlg from 1,830' to 1,843', circulate bottoms up, close hydril, test 9 5/8" csg to 1900psi.
3:00 PM	Drlg firm cmt, float collar at 1,853' plus 20' firm cmt in cmt jt to 1,874'. Test 9 5/8" csg to 1,200psi.
3:30 PM	Drill out of 9 5/8" csg at 1,900'.
3:30 AM	Drlg f 1,900' t 2,232'
4:00 AM	Service rig.
6:00 AM	Drlg f 2,232' t 2,292'.

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Well : **Bull Horn Unit 10-43** API # : 4303731831 Operations Date : 10/28/2004
Surface Location : SWSE-10-30S-25 E 6th PM Area : Big Indian Report # : 5
Spud Date : 10/24/2004 Days From Spud : 4 Depth At 06:00 : 1900
Morning Operations : TOOH Estimated Total Depth : 5880

Remarks :

Time To	Description
9:00 AM	Nipple up BOPS'
1:00 PM	Test blind and pipe rams to 3000psi, choke line, kill line, upper kelly, safety valves and choke manifold to 3000psi. Annular BOP to 1500psi. Test 9 5/8" csg to 1500psi.
1:30 AM	Service rig.
3:30 PM	Pick up directional tools, trip in hole, tag cmt at 1,679'
11:00 PM	from 1,679' to 1,827'.
1:30 AM	TOOH to pick up tri-cone bit. Penetration rate down, finding metal shavings in cuttings.
4:00 AM	TIH.
5:00 AM	Drlg cmt bin 9 5/8" csg. Mud motor fails.
6:00 AM	TOOH for mud motor.

REGULATORY DRILLING SUMMARY



Well : **Bull Horn Unit 10-43** API # : 4303731831 Operations Date : 10/27/2004
Surface Location : SWSE-10-30S-25 E 6th PM Area : Big Indian Report # : 4
Spud Date : 10/24/2004 Days From Spud : 3 Depth At 06:00 : 1900
Morning Operations : Nipple up BOPS' Estimated Total Depth : 5880

Remarks :
PBTd 1,704

Time To	Description
9:30 AM	Run 41 jts., K-55, ST&C, 36# 8rd csg. =1,905 14'
12:30 PM	Mix and pump high vis sweep. Circulate csg capacity.
3:30 PM	Using BJ Cementing, mix and pump 369 skslead cmt.. mixed at 12.0ppg, 145.8bbls slurry, followed by 281sx type 3 cmt. mixed at 14.5ppg, 70bbls slurry. Was unable to bump plug due pump down pressure.
5:30 PM	Top out cmt on 9 5/8" csg. annulus.
2:30 AM	Cut 9 5/8" csg. install SOW, 11", 3M csg head, test to 1,000psi.
6:00 AM	Nipple up BOPS'

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Well : **Bull Horn Unit 10-43** API # : 4303731831 Operations Date : 10/26/2004
Surface Location : SWSE-10-30S-25 E 6th PM Area : Big Indian Report # : 3
Spud Date : 10/24/2004 Days From Spud : 2 Depth At 06:00 : 1900
Morning Operations : Drill Estimated Total Depth : 5880

Remarks :

Time To	Description
12:30 PM	Drig f 1,045' t 1,568'
1:30 PM	Service rig
8:30 PM	Drig f 1,568' t 1,851'
11:30 PM	Short trip, SLM, no correction.
12:30 AM	Drig f1,851' t 1,900'
1:00 AM	C & C
4:00 AM	TOOH, (Unable to keep hole full) Lay down 8" DCS'
6:00 AM	Rig up to run 9 5/8" csg.

Well : **Bull Horn Unit 10-43** API # : 4303731831 Operations Date : 10/25/2004
Surface Location : SWSE-10-30S-25 E 6th PM Area : Big Indian Report # : 2
Spud Date : 10/24/2004 Days From Spud : 1 Depth At 06:00 : 1045
Morning Operations : DRILLING Estimated Total Depth : 5880

Remarks :

Time To	Description
2:00 PM	Drig f 180' t 395'
2:30 PM	Service rig
2:30 AM	Drig f 395' t 885'
3:00 AM	Service rig
6:00 AM	Drig f 885' t 1,045'

REGULATORY COMPLETION SUMMARY

Well Name : Bull Horn Unit 10-43		API : 4303731831	Area : Big Indian
Ops Date : 12/21/2004	Report # : 25	End Time	Description
Summary : Flow to sales. TP 380, CP 730, LP 355. 2116 MCFD, 1.5 BO, 38.5 BW.		Flow to sales. TP 380, CP 730, LP 355. 2116 MCFD, 1.5 BO, 38.5 BW.	
Well Name : Bull Horn Unit 10-43		API : 4303731831	Area : Big Indian
Ops Date : 12/20/2004	Report # : 24	End Time	Description
Summary : Flow to sales. TP 350, CP 730, LP 250. 2144 MCFD, 4 BO, 35 BW.		TP 350, CP 730, LP 250. 2144 MCFD, 4 BO, 35 BW.	
Well Name : Bull Horn Unit 10-43		API : 4303731831	Area : Big Indian
Ops Date : 12/19/2004	Report # : 23	End Time	Description
Summary : Flow to sales. TP 350, CP 730, LP 250. 2116 MCFD, 6 BO, 32 BW.		TP 350, CP 730, LP 250. 2116 MCFD, 6 BO, 32 BW.	
Well Name : Bull Horn Unit 10-43		API : 4303731831	Area : Big Indian
Ops Date : 12/18/2004	Report # : 22	End Time	Description
Summary : Flow to sales. TP 350#, CP 730#, LP 250, 2075 MCFD, 6 BO, 32 BW.		TP 350#, CP 730#, LP 250, 2075 MCFD, 6 BO, 32 BW.	
Well Name : Bull Horn Unit 10-43		API : 4303731831	Area : Big Indian
Ops Date : 12/17/2004	Report # : 21	End Time	Description
Summary : Flow to sales. TP 280#, CP 750#, 1998 MCFD, 18 BO, 36 BW.		Flow to sales. TP 350#, CP 730#, 2065 MCFD, 0 BOPD, 44 BWPD.	
Well Name : Bull Horn Unit 10-43		API : 4303731831	Area : Big Indian
Ops Date : 12/16/2004	Report # : 20	End Time	Description
Summary : Flow to sales. TP 280#, CP 750#, 1998 MCFD, 18 BO, 36 BW.		Flow to sales. TP 280#, CP 750#, 1998 MCFD, 18 BO, 36 BW.	
Well Name : Bull Horn Unit 10-43		API : 4303731831	Area : Big Indian
Ops Date : 12/04/2004	Report # : 19	End Time	Description
Summary : Drill plugs. RDPU.		6:00 PM	Safety meeting. 850 psi SIP. Opened well and established circulation w/foam. Drill obstruction @ 4635'. RIH to plug @ 4920'. Drilled plug and pressure decreased to 100 pis. Opened well to pit. Well unloaded oil. Pressure increased to 850 psi. Pushed remnants of plug to 5760'. Circulated well clean. Laid down 16 jts tbg to 5287'. Landed tbg in hanger. ND BOP. NU WH. Pumped bit off. RD Weatherford foam unit. Opened well to tank and cleaned up. 450 psi tbg pressure. 750 psi casing pressure. Flowing dry gas. Shut well in RDMO. Tbg detail from bottom up = WL guide, 2' sub, 1.81F nipple, 1 jt, 1.87F nipple and 171 jts tbg to surface. EOT @ 5287'.

REGULATORY COMPLETION SUMMARY

Well Name : Bull Horn Unit 10-43

API : 4303731831

Area : Big Indian

Ops Date : 12/03/2004	Report # : 18	End Time	Description
Summary : Drill plugs		6:00 PM	800 psi SIP. RU Lone Wolf WL. RIH w/CBP and set @ 2555'. POH w/setting tool. RD Lone Wolf. Made up bit w/pump off sub, 2' tbg sub, 1.81F nipple, 1 jt tbg and 1.87F nipple. Picked up and RIH on 82 jts tbg. Tagged plug @ 2555'. RU Weatherford foam unit. Picked up power swivel. Held safety meeting. Established circulation w/kol foam. Drilled plug @ 2550'. Circulated hole clean. RD Power Swivel. Picked up tbg and tagged @ 4635'. Picked up power swivel. SD for night.

Well Name : Bull Horn Unit 10-43

API : 4303731831

Area : Big Indian

Ops Date : 12/02/2004	Report # : 17	End Time	Description
Summary : Flow test.		6:00 PM	850 psi SIP. Opened well to tank on 32/64" choke. Stabilized @ 4.5 MMCF/day. Caught gas sample. SD for night.

Well Name : Bull Horn Unit 10-43

API : 4303731831

Area : Big Indian

Ops Date : 12/01/2004	Report # : 16	End Time	Description
Summary : Perf Interval #4		6:00 PM	1000 psi SIP. Safety meeting. RU Lone Wolf WL. RIH w/3 3/8" gun. Perf Honaker Trail and Cutler Interval #4, 4326'-4348', 3848-3864', 3824'-3836', 3722'-3738', 3698'-3712', 3174'-3206', 3174'-3206', 3104'-3118', 3080'-3092', 2950'-2978' and 2568'-2584' w/4 spf. POH. RD Lone Wolf. Pressure decreased to 850 psi. Opened well to tank on 32/64" choke. 5MMCF/day. SD for night.

Well Name : Bull Horn Unit 10-43

API : 4303731831

Area : Big Indian

Ops Date : 11/30/2004	Report # : 15	End Time	Description
Summary : Set CBP		6:00 PM	Shut in pressure = 1650 psi. Change equipment over to 2-3/8. Wait on WL truck. RU Lone Wolf WL. RIH w/CBP and set @ 4920'. Blew well down to 1000 psi. SD for night.

REGULATORY COMPLETION SUMMARY

Well Name : **Bull Horn Unit 10-43**

API : 4303731831

Area : Big Indian

Ops Date : 11/29/2004	Report # : 14	End Time	Description
		6:00 PM	ON Fluid. Come Out L/D 2 7/8 tbg. Get Gas Sample. R/U Slickline To Run Tracer Log. Start @4500 Log Down. Tag @ 5760 Log Up To 4500. R/D Slickline SWIFN .
Summary : TBG Pressure 375. CSg Pressure 1650. Open tbg Up To Tank Blow Down. Blow csg Down. Run In w/ Swab. Made Dry Run ON Fluid. Come Out L/D 2 7/8 tbg. Get Gas Sample. R/U Slickline To Run Tracer Log. Start @4500 Log Down. Tag @ 5760 Log Up To 4500. R/D Slickline SWIFN .			

Well Name : **Bull Horn Unit 10-43**

API : 4303731831

Area : Big Indian

Ops Date : 11/28/2004	Report # : 13	End Time	Description
		6:00 PM	TBG Pressure 1650. CSG Pressure 1700. Open TBG Up On Full Choke To Tank. Blow Down And Get Flow Rate. 50 psi tbg, 300 psi csg. Making 950.000 MCF. Made 1BBL In 5 Hrs. SWIFN.
Summary : TBG Pressure 1650. CSG Pressure 1700. Open TBG Up On Full Choke To Tank. Blow Down And Get Flow Rate. 50 psi tbg, 300 psi csg. Making 950.000 MCF. Made 1BBL In 5 Hrs. SWIFN.			

Well Name : **Bull Horn Unit 10-43**

API : 4303731831

Area : Big Indian

Ops Date : 11/27/2004	Report # : 12	End Time	Description
		6:00 PM	2000 PSI ON Well. Open Up To Tank Start Blowing Down. RIH Tag Plug R/U Power Swivle And Foam Uint.Hold Pre-Safety Meeting.Drill Out Plug @5120. RIH Tag @ 5423. Drill Out Plug @ 5440. RIH Tag @ 5680 w/ 181 Jts In +10 ft. Clean Out To PBTD @ 5776. Circulare Hole Clean. L/D 28 Jts To 4924 Pump Bit Off. Blow Well Dry W/ Foam Uint. ON H2S. CSG Flowing @ 30 PSI ON Full Choke Dry. SWIFN.
Summary : 2000 PSI ON Well. Open Up To Tank Start Blowing Down. RIH Tag Plug R/U Power Swivle And Foam Uint.Hold Pre-Safety Meeting.Drill Out Plug @5120. RIH Tag @ 5423. Drill Out Plug @ 5440. RIH Tag @ 5680 w/ 181 Jts In +10 ft. Clean Out To PBTD @ 5776. Circulare Hole Clean. L/D 28 Jts To 4924 Pump Bit Off. Blow Well Dry W/ Foam Uint. ON H2S. CSG Flowing @ 30 PSI ON Full Choke Dry. SWIFN.			

Well Name : **Bull Horn Unit 10-43**

API : 4303731831

Area : Big Indian

Ops Date : 11/26/2004	Report # : 11	End Time	Description
			Summary : Shut Down.

Well Name : **Bull Horn Unit 10-43**

API : 4303731831

Area : Big Indian

Ops Date : 11/25/2004	Report # : 10	End Time	Description
		6:00 AM	Summary : Shut Down.

Well Name : **Bull Horn Unit 10-43**

API : 4303731831

Area : Big Indian

Ops Date : 11/24/2004	Report # : 9	End Time	Description
		5:00 PM	Over Night Shut IN Pressure 1650. Get Foam Unit Deliered and Spotted In. Hook Up Pump Lines TO Stand Pipe. Started Getting Late In Day To Start Drilling And Cleaning Out. Shut Down.
Summary : Over Night Shut In Pressure 1650. Get Foam Unit Deliered and Spotted In. Hook Up Pump Lines TO Stand Pipe. Started Getting Late In Day To Start Drilling And Cleaning Out. Shut Down .			

REGULATORY COMPLETION SUMMARY

Well Name : Bull Horn Unit 10-43

API : 4303731831

Area : Big Indian

Ops Date : 11/23/2004 Report # : 8

End Time Description

Summary : Well Flowing To Tank @30 psi On Full Choke. Flowed Well 24 Hrs. Recovered 46 bbls. Total bbls=236. Load To Recover=964 Well Started Blowing Dry @ 30 PSI Recovered 9 bbls in 3 Hrs. Total bbls= 245. Load To Recover=955. Open Well Blow Down RIH W/ Pumpoff Bit Sub Tag Frac Plug @ 5120 . Pulled Above Top Perf To 4700 . NO H2s. SWIFN

6:00 PM

Well Flowing To Tank @30 psi On Full Choke. Flowed Well 24 Hrs. Recovered 46 bbls. Total bbls=236. Load To Recover=964 Well Started Blowing Dry @ 30 PSI Recovered 9 bbls in 3 Hrs. Total bbls= 245. Load To Recover=955. Open Well Blow Down RIH W/ Pumpoff Bit Sub Tag Frac Plug @ 5120 . Pulled Above Top Perf To 4700 . NO H2s. SWIFN

Well Name : Bull Horn Unit 10-43

API : 4303731831

Area : Big Indian

Ops Date : 11/22/2004 Report # : 7

End Time Description

Summary : 1700 Shut In psi. R/U Lone Wolf W L. RIH W/ Plug & Gun Combo. Set plug @5120. Perf Honaker Trail #2 @ 5300 to 5330 w/4 SPF in 2 Runs. R/D Lone Wolf WL. R/U Stinger & and Install Tool. Hold Pre-Safety Meeting and JSA. RU BJ. Pumped into formation @ 7 bpm. Broke formation @ 3960 psi. Pressure broke back to 3234 psi. Pumped 500 gals acid and displaced to perfs. Frac treat perfs 5300'-5330' w/871 bbls 70Q foam and 51,507# 20/40 sand. Flushed w/5 bbls water, 12 bbls acid and 106 bbls water. SD. ISIP = 3460 , 5min = 3210, 10 min = 3075, 15min =2960. RD BJ and Stinger. RU Lone Wolf WL. RIH w/ Frac Plug & Gun Combo.Tag @ 5150. Come Up Set Plug @ 5120. Perf Honaker Trail #3 @ 4990 to 5020 w/4 spf. For A Total Of 120 Holes. RD Lone Wolf WL. RU Stinger And Install Tool. RU BJ. Frac Treat Perfs @ 4990 to 5020 W/ 623 bbls Of 70Q foam And 51,507# 20/40 sand. Flushed W/124 bbls 70Q Foam. SD. ISIP=2805, 5MIN=2700, 10Min=2673, 15Min=2652. RD BJ And Stinger Load to recover = 1200 bbls. Open Well UP To Tank On 24/64 Choke @ 2600 psi. Flowed well 6 hrs and pressure decreased to 825 psi. Upsize Choke To 32/64. Flowed an additional 6 hrs. Pressure decreased to 30 psi. Recovered 190 bbls. Load remaining to recover = 1010 bbls. Flowback report to continue on tomorrow's report.

6:00 PM

1700 Shut In psi. R/U Lone Wolf W L. RIH W/ Plug & Gun Combo. Set plug @5120. Perf Honaker Trail #2 @ 5300 to 5330 w/4 SPF in 2 Runs. R/D Lone Wolf WL. R/U Stinger & and Install Tool. Hold Pre-Safety Meeting and JSA. RU BJ. Pumped into formation @ 7 bpm. Broke formation @ 3960 psi. Pressure broke back to 3234 psi. Pumped 500 gals acid and displaced to perfs. Frac treat perfs 5300'-5330' w/871 bbls 70Q foam and 51,507# 20/40 sand. Flushed w/5 bbls water, 12 bbls acid and 106 bbls water. SD. ISIP = 3460 , 5min = 3210, 10 min = 3075, 15min =2960. RD BJ and Stinger. RU Lone Wolf WL. RIH w/ Frac Plug & Gun Combo.Tag @ 5150. Come Up Set Plug @ 5120. Perf Honaker Trail #3 @ 4990 to 5020 w/

REGULATORY COMPLETION SUMMARY

Well Name : Bull Horn Unit 10-43

API : 4303731831

Area : Big Indian

Ops Date : 11/21/2004 Report # : 6

End Time Description

Summary : Well had 350 psi on csg. Blew down to 0 w/ no H2S. R/U Stinger & install tool. Hold pre-job safety meeting and JSA. B.J performed 1 stage frac w/ tracer on Interval 1 Ismay 5480' to 5510'. B/D interval w/ psi break @ 3390 & 12.3 bpm. Pump 500 gals. acid & broke back to 3081. ISIP 3050. Due to time cont. nitrified frac. interval w/ 51,506 lbs of 20/40 white sand. 1# to 4# increments. Avg. psi 4251 & max 5481. Avg bpm @ 24 w/ max of 25. ISIP 3300, 5 min. 3104, 10 min 3037, 15 min 2984, 20 min 2950, 25 min 2930, & 30 min 2907. SWIFN

4:00 PM

Well had 350 psi on csg. Blew down to 0 w/ no H2S. R/U Stinger & install tool. Hold pre-job safety meeting and JSA. B.J performed 1 stage frac w/ tracer on Interval 1 Ismay 5480' to 5510'. B/D interval w/ psi break @ 3390 & 12.3 bpm. Pump 500 gals. acid & broke back to 3081. ISIP 3050. Due to time cont. nitrified frac. interval w/ 51,506 lbs of 20/40 white sand. 1# to 4# increments. Avg. psi 4251 & max 5481. Avg bpm @ 24 w/ max of 25. ISIP 3300, 5 min. 3104, 10 min 3037, 15 min 2984, 20 min 2950, 25 min 2930, & 30 min 2907. SWIFN

Well Name : Bull Horn Unit 10-43

API : 4303731831

Area : Big Indian

Ops Date : 11/20/2004 Report # : 5

End Time Description

Summary : Rig Stand-by

3:00 PM

Well Name : Bull Horn Unit 10-43

API : 4303731831

Area : Big Indian

Ops Date : 11/19/2004 Report # : 4

End Time Description

Summary :

TOOH w/ Scraper & Bit. Lone Wolf Perforate Interval #1 Ismay 5480'-5510' @ 4 spf over 30' for a total of 120 holes. 0 psi, 0 fluid, 0 PPM H2S. SWIFN

Well Name : Bull Horn Unit 10-43

API : 4303731831

Area : Big Indian

Ops Date : 11/18/2004 Report # : 3

End Time Description

Summary : Test BOPE to 3000, held. Unload 2-7/8" N-80 Tubing. P/U bit & scraper. Strap & P/U 2-7/8" N-80 work string & TIH to PBTD @ Rig Stand-by Test BOPE to 3000, held. Unload 2-7/8" N-80 Tubing. P/U bit & scraper. Strap & P/U 2-7/8" N-80 work string & TIH to PBTD @ Rig Stand-by

6:00 PM

Well Name : Bull Horn Unit 10-43

API : 4303731831

Area : Big Indian

Ops Date : 11/17/2004 Report # : 2

End Time Description

Summary : Spot rig equipment, NDWH, NUBOPE, Lone Wolf run CBL w/ VDL-GR-CCL f/ PBTD to surface (-150' w/ no fluid) (Drilling report indicated good cement circ. to surface) Log showed cmt. to 150'. Spot frac & blow down tanks.

7:00 PM

REGULATORY COMPLETION SUMMARY

Well Name : Bull Horn Unit 10-43

API : 4303731831

Area : Big Indian

Ops Date : 11/16/2004 Report # : 1

End Time Description

Summary :

6:00 PM

Road rig to location & R/U. Dead men set & wellhead installed.

Road rig to location & R/U. Dead men set & wellhead installed.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

015

5. Lease Designation and Serial No.
UT-73190

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

6. If Indian, Allote or Tribe Name
NA

7. If Unit or CA/Agreement Designation
Bull Horn Unit

8. Well Name and No.
Bull Horn Unit 10-43

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator: EnCana Oil & Gas (USA) Inc. Contact: Jane Washburn
(successor in interest of Tom Brown, Inc. effective 1/1/05) Phone: 720/876-5431

9. API Well No.
43-037-31831

3. Address and Telephone No.
370 Seventeenth Street, Suite 1700, Denver, CO 80202

10. Field and Pool, or Exploratory Area
Bull Horn

4. Location of Well
Footages: SHL: SWSE Sec 10-T30S-R25E (1244' FSL, 2040' FEL) County: San Juan
QQ, Sec T,R,M: BHL: SESW Sec 10-T30S-R25E (884' FSL, 2473' FEL) State: Utah

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

NOTICE OF INTENT
(Submit in Duplicate)

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandon
- Repair Casing
- Change Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other

- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

- Abandon*
- Repair Casing
- Change Plans
- Convert to Injection
- Fracture Treat or Acidize
- Other

- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

Comingle Zones

Approximate date work will start _____

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.
* Must be accompanied by a cement verification report.

12. Describe Proposed or completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof.
If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones.
Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, A form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Permission is requested to commingle production for the Bull Horn Unit 10-43 from the Cutler and Hermosa zones. Initial test rates for the lower Hermosa zones were 950 MCFD, and the upper Hermosa/Cutler tested at 4.5 MMCFD. Production logs are planned to be run late-February to determine allocations for each zone.

Attached is a Bull Horn Unit Area plat indicating the location of the well and oil and gas lease ownership along with an affidavit of notification to the contiguous lease owners.

RECEIVED

JAN 24 2005

DIV. OF OIL, GAS & MINING

13. Name (Printed/Typed) Jane Washburn	Title Operations Engineering Tech
Signature <i>Jane Washburn</i>	Date 01/20/2005

(This space for State use only)

Accepted by the
Utah Division of
Oil, Gas and Mining

Date: 2/14/05
By: *[Signature]*

COPY SENT TO OPERATOR
Date: 2-15-05
Initials: CBO

Federal Approval Of This
Action Is Necessary

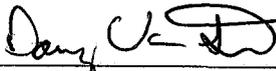
AFFIDAVIT

State of Colorado)
City and)ss.
County of Denver)

Before me, the undersigned, a Notary Public in and for said County, State of Colorado, on this date personally appeared Doug VanSteeandt, as Attorney-in-Fact for EnCana Oil & Gas (USA) Inc. (successor in interest of Tom Brown, Inc. by merger effective January 1, 2005) ("EnCana") to me well known, and who, after being by me duly affirmed, deposes and says that Cabot Oil & Gas Corporation ("Cabot") and Kenneth K. Farmer ("Farmer") have been provided a copy of the application (Sundry Notice dated 1/20/05) relative to the completion of the Bull Horn Unit #10-43 Well ("Subject Well"), whereby production from the Cutler and Hermosa zones shall be commingled through the same string of casing. Cabot is the owner of the drillsite lease (Federal Lease U-73190), Farmer is the owner of the offsetting contiguous lease to the north (Federal Lease U-80066) and EnCana is the owner of the offsetting contiguous lease to the south (Federal Lease U-74464). The Subject Well was drilled as the Exploratory Initial Obligation Well within the Bull Horn Federal Unit and is situated at the following location:

SHL: SW/4SE/4 Sec. 10, T30S, R25E (1,244' FSL, 2,040' FEL)
BHL: SE/4SW/4 Sec. 10, T30S, R25E (884' FSL, 2,473' FEL)
San Juan County, Utah

Further affiant sayeth not.



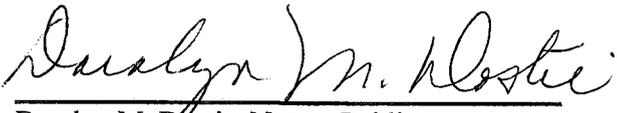
Doug Van Steelandt, Attorney-in-Fact 

State of Colorado)
City and)ss.
County of Denver)

On the 20th day of January, 2005, personally appeared before me Doug VanSteeandt, who being by me duly affirmed, did say that he is the Attorney-in-Fact of EnCana Oil & Gas (USA) Inc., and that said instrument was signed on behalf of said corporation by authority of a resolution of its Board of Directors, and said Doug VanSteeandt acknowledged to me that said Corporation executed the same.

Witness my hand and official seal.



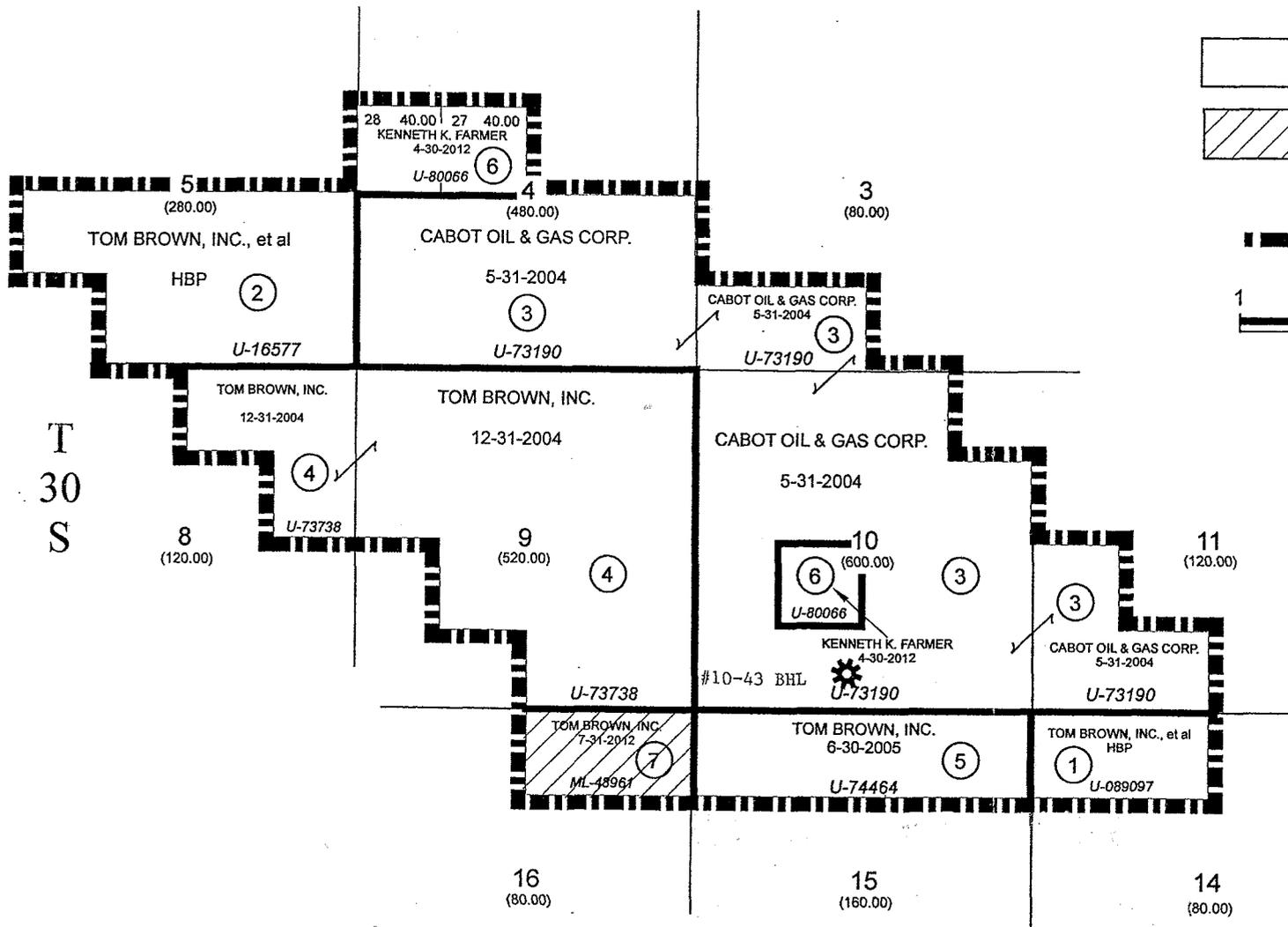


Daralyn M. Dostie, Notary Public

My Commission Expires August 18, 2008.

My Commission Expires 08/18/2008

R 25 E



	ACREAGE	PERCENTAGE
FEDERAL LANDS	2,360.00	96.72%
STATE LANDS	80.00	3.28%
TOTALS	2,440.00	100.00%

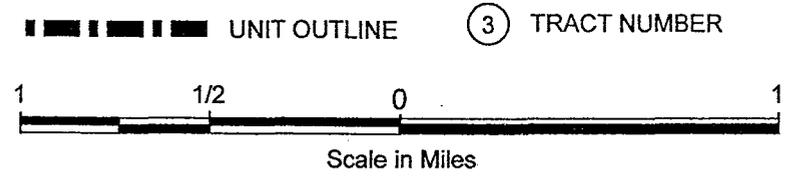


EXHIBIT "A"
 BULL HORN UNIT AREA
 SAN JUAN COUNTY, UTAH

TOM BROWN, INC.
 DENVER, COLORADO

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. Lease Designation and Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

6. If Indian, Allotte or Tribe Name

7. Unit Agreement Name

1. Type of Well

Oil Well Gas Well Other

8. Well Name and Number

2. Name of Operator: EnCana Oil & Gas (USA) Inc.
(successor in interest of Tom Brown, Inc. effective 1/1/05)

Contact: Jane Washburn
Phone: 720/876-5431

9. API Well Number

3. Address and Telephone No.

370 Seventeenth Street, Suite 1700, Denver, CO 80202

10. Field and Pool, or Exploratory Area

4. Location of Well

Footages:

SEE ATTACHED LIST OF WELLS

County:

QQ, Sec T,R,M:

State:

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

NOTICE OF INTENT
(Submit in Duplicate)

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandon
- Repair Casing
- Change Plans
- Convert to Injection
- Fracture Treat or Acidize
- Multiple Completion
- Other
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

- Abandon*
- Repair Casing
- Change Plans
- Convert to Injection
- Fracture Treat or Acidize
- New Construction
- Pull or Alter Casing
- Recomplete
- Reperforate
- Vent or Flare
- Water Shut-Off

Other Change of Operator

Approximate date work will start _____

Date of work completion _____

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

* Must be accompanied by a cement verification report.

12. Describe Proposed or completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof.
If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones.
Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, A form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

N9885 N2175

The merger of Tom Brown, Inc. with EnCana Oil & Gas (USA) Inc. was effective January 1, 2005. It is, therefore, requested that the Operator of all properties on the attached list be changed from Tom Brown, Inc. to EnCana Oil & Gas (USA) Inc.

RECEIVED

JAN 2 / 2005

DIV. OF OIL, GAS & MINING

13. Name (Printed/Typed) Jane Washburn		Title Operations Engineering Tech
Signature <i>Jane Washburn</i>		Date 01/24/2005

(This space for State use only)

APPROVED 2/24/05

ER

Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

well name	sec	twsp	rng	api	entity	lease	well	stat	flag	unit name	lease num	qtr	qtr	td	md	d	apd	op no
BIG INDIAN 36-42	36	290S	240E	4303731827		State	GW	APD			ST-UT-37067	SESW				5750		N9885
FEDERAL 14-18	18	250S	060E	4301530060	436	Federal	NA	PA			UTU-69447	SWSW						N9885
NW USA D-1 (B-624)	24	300S	240E	4303716516	99990	Federal	WD	A			UTU-070034	NENW						N9885
FEDERAL 15-25	25	290S	230E	4303730317	4776	Federal	GW	S			UTU-986	SWSE						N9885
BIG INDIAN 35-24	35	290S	240E	4303731829	14409	Federal	GW	DRL	C		UTU-077077	SENE						N9885
BIG INDIAN 27-34	27	290S	240E	4303731828		Federal	GW	APD	C		N9885							
BIG INDIAN UNIT 1	33	290S	240E	4303716219	8122	Federal	OW	S		BIG INDIAN	UTSL-067131	SENE						N9885
BIG INDIAN 4	14	300S	250E	4303716221	8124	Federal	GW	TA		BIG INDIAN	UTSL-089097	SWSW						N9885
BIG INDIAN 34-11	34	290S	240E	4303731818	14004	Federal	D	PA	C	BIG INDIAN	UTU-014905	NWNW						N9885
BULL HORN U 10-43	10	300S	250E	4303731831	14393	Federal	GW	DRL	C	BULL HORN	UT-73190	SWSE						N9885
LISBON B-615	15	300S	240E	4303715123	8123	Federal	OW	P		LISBON	UTU-09179	NENW						N9885
LISBON FED 2-21F	21	300S	250E	4303715768	410	Federal	GW	S		LISBON	UTU-094674	SENE						N9885
LISBON B912	12	300S	240E	4303715769	8123	Federal	OW	S		LISBON	UTU-06922	SESW						N9885
LISBON A-713A	13	300S	240E	4303716236	8123	Federal	GW	PA		LISBON	UTSL-070034	SWNW						N9885
LISBON A-715	15	300S	240E	4303716237	8123	Federal	WD	A		LISBON	UTU-020691A	SWNW						N9885
LISBON B-613	13	300S	240E	4303716240	8123	Federal	OW	S		LISBON	UTSL-070034	NENW						N9885
LISBON C-69	09	300S	240E	4303716245	8123	Federal	OW	S		LISBON	UTU-09179	NWNE						N9885
LISBON C-94	04	300S	240E	4303716247	8123	Federal	OW	S		LISBON	UTU-66582	SWSE						N9885
LISBON UNIT D-84	04	300S	240E	4303716250	8123	Federal	OW	P		LISBON	UTU-015445	NESE						N9885
LISBON D-89	09	300S	240E	4303716251	8123	Federal	OW	P		LISBON	UTU-015445	NESE						N9885
NW LISBON USA B-1 (B-614)	14	300S	240E	4303716468	8123	Federal	OW	P		LISBON	UTSL-070008A	NENW						N9885
NW LISBON USA A-2 (D-810)	10	300S	240E	4303716471	8123	Federal	GW	P		LISBON	UTU-14903	NESE						N9885
LISBON B-84	04	300S	240E	4303730054	8123	Federal	OW	S		LISBON	UTU-09179	NESW						N9885
LISBON B-814	14	300S	240E	4303730082	8123	Federal	OW	S		LISBON	UTSL-070008A	NESW						N9885
LISBON C-99	09	300S	240E	4303730693	8123	Federal	OW	P		LISBON	UTU-09179	SWSE						N9885
LISBON B-94	04	300S	240E	4303730695	8123	Federal	OW	S		LISBON	UTU-015445	SESW						N9885
LISBON C-910 I	10	300S	240E	4303731805	12892	Federal	D	PA		LISBON	UTU-0141903	SWSE						N9885
LISBON D-616	16	300S	240E	4303715049	8123	State	OW	P		LISBON	ML-13692	NENE	9120	9120				N9885
LISBON B-616	16	300S	240E	4303716242	8123	State	OW	S		LISBON	ML-8366	NESW	8689	8689				N9885
BELCO ST 4 (LISBON B-816)	16	300S	240E	4303716244	8123	State	WD	A		LISBON	ML-8366	NESW	8730	9100				N9885
LISBON UNIT D-716	16	300S	240E	4303731034	8123	State	OW	P		LISBON	ML-13692	SENE	8794	8775				N9885
LISBON U B-610	10	300S	240E	4303716469	8123	Federal	OW	P		LISBON (MCCRACKEN)	UTU-014903	NENW						N9885
LISBON U B-610	10	300S	240E	4303716469	9740	Federal	OW	P		LISBON (MCCRACKEN)	UTU-014903	NENW						N9885
LISBON U D-610	10	300S	240E	4303730694	9740	Federal	GW	P		LISBON (MCCRACKEN)	UTU-014903	NENE						N9885
LISBON UNIT A-911	11	300S	240E	4303731014	9740	Federal	GW	P		LISBON (MCCRACKEN)	UTSL-070008A	SWSW						N9885
LISBON C-910	10	300S	240E	4303731323	9740	Federal	OW	P		LISBON (MCCRACKEN)	UTU-014903	SWSE						N9885
LISBON B-614A	14	300S	240E	4303731351	9740	Federal	OW	TA		LISBON (MCCRACKEN)	UTSL-070008A	NENW						N9885
LISBON B-810	10	300S	240E	4303731433	9740	Federal	OW	P		LISBON (MCCRACKEN)	UTU-014903	NESW						N9885
LISBON (MCCRACKEN) D-615	15	300S	240E	4303731817		Federal	OW	LA		LISBON (MCCRACKEN)	N9885							
LISBON (MCCRACKEN) A-610	10	300S	240E	4303731821		Federal	OW	LA		LISBON (MCCRACKEN)	N9885							

Delaware

PAGE 1

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"TBI PIPELINE COMPANY", A DELAWARE CORPORATION,

"TBI WEST VIRGINIA, INC.", A DELAWARE CORPORATION,

"TOM BROWN, INC.", A DELAWARE CORPORATION,

WITH AND INTO "ENCANA OIL & GAS (USA) INC." UNDER THE NAME OF "ENCANA OIL & GAS (USA) INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTY-SECOND DAY OF DECEMBER, A.D. 2004, AT 6:15 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF MERGER IS THE FIRST DAY OF JANUARY, A.D. 2005.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



2137895 8100M

040934710

Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 3584585

DATE: 12-29-04

State of Delaware
Secretary of State
Division of Corporations
Delivered 06:15 PM 12/22/2004
FILED 06:15 PM 12/22/2004
SRV 040934710 - 2137895 FILE

**STATE OF DELAWARE
CERTIFICATE OF MERGER OF
DOMESTIC CORPORATIONS**

Pursuant to Title 8, Section 251(c) of the Delaware General Corporation Law, the undersigned corporation executed the following Certificate of Merger:

FIRST: The name of the surviving corporation is EnCana Oil & Gas (USA) Inc., and the names and jurisdictions of the corporations being merged into this surviving corporation are as follows:

<u>Name</u>	<u>Jurisdiction of Incorporation</u>
Tom Brown, Inc.	Delaware corporation
TBI Pipeline Company	Delaware corporation
TBI West Virginia, Inc.	Delaware corporation

SECOND: The Agreement and Plan of Merger has been approved, adopted, certified, executed and acknowledged by each of the constituent corporations.

THIRD: The name of the surviving corporation is EnCana Oil & Gas (USA) Inc., a Delaware corporation.

FOURTH: The Certificate of Incorporation of the surviving corporation shall be its Certificate of Incorporation.

FIFTH: The merger is to become effective on January 1, 2005.

SIXTH: The Agreement and Plan of Merger is on file at 950 17th Street, Suite 2600, Denver, Colorado 80202, the place of business of the surviving corporation.

SEVENTH: A copy of the Agreement and Plan of Merger will be furnished by the surviving corporation on request, without cost, to any stockholder of the constituent corporations.

IN WITNESS WHEREOF, said surviving corporation has caused this certificate to be signed by an authorized officer, the 17th day of December, A.D., 2004.

ENCANA OIL & GAS (USA) INC.

By: Mary A. Viviano
Mary A. Viviano, Secretary

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 not yet 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: 2/24/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/24/2005
3. Bond information entered in RBDMS on: 2/24/2005
4. Fee/State wells attached to bond in RBDMS on: 2/24/2005
5. Injection Projects to new operator in RBDMS on: 2/24/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT1005

INDIAN WELL(S) BOND VERIFICATION:

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

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0007875
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:

Merger and rider of bond from Tom Brown, Inc.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



IN REPLY REFER TO
3180
UT-922

December 1, 2005

EnCana Oil & Gas (USA) Inc.
Attn: Michael Holland
370 Seventeenth Street, Suite 1700
Denver, Colorado 80202

Re: Initial Cutler Formation and Hermosa Group PA
Bull Horn Unit
San Juan County, Utah

Gentlemen:

The Initial Cutler Formation and Hermosa Group PA, Bull Horn Unit, UTU81301A, is hereby approved effective as of December 15, 2004, pursuant to Section 11 of the Bull Horn Unit Agreement, San Juan County, Utah.

The Initial Cutler Formation and Hermosa Group PA results in an Initial Participating Area of 360.00 acres and is based upon the completion of Well No. 10-43, API No. 43-037-31831, with a surface location in the SW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 10, Township 30 South, Range 25 East, and the bottom hole location in the SE $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 10, Township 30 South, Range 25 East, SLM&B, Federal Unit Tract No. 3, Lease No. UTU73190, as being a well capable of producing unitized substances in paying quantities.

Copies of the approved request are being distributed to the appropriate agencies and one copy is returned herewith. Please advise all interested parties of the establishment of the Initial Cutler Formation and Hermosa Group PA, Bull Horn Unit, and the effective date.

Sincerely,

/s/ David H. Murphy

David H. Murphy
Acting Chief, Branch of Fluid Minerals

Enclosure

bcc: Dockets
Division of Oil, Gas & Mining
Bull Horn Unit w/enclosure
MMS - Data Management Division (Attn: James Sykes)
Field Manager - Moab w/enclosure
Agr. Sec. Chron.
Reading File
Central Files

UT922:TATHOMPSON:tt:11/30/2005

RECEIVED

DEC 02 2005

DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING

CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

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

5/14/2010

FROM: (Old Operator): N2175-EnCana Oil & Gas (USA) Inc. 370 17th Street, Suite 1700 Denver, CO 80202 Phone: 1 (303) 623-2300	TO: (New Operator): N3670-Patara Oil & Gas, LLC 333 Clay Street, Suite 3960 Houston, TX 77002 Phone: 1 (713) 357-7171
---	--

CA No.

Unit:

BULL HORN

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED								

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: 5/11/2010
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/11/2010
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 5/11/2010
- Is the new operator registered in the State of Utah: Business Number: 765540-0161
- (R649-9-2) Waste Management Plan has been received on: * * requested 9/27/10
- Inspections of LA PA state/fee well sites complete on: * * requested 9/27/10
- 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
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 6/28/2010 & 9/2/2010
- 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")** 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: 6/29/2010
Lisbon B-816 only

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 9/14/2010
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/14/2010
- Bond information entered in RBDMS on: 9/14/2010
- Fee/State wells attached to bond in RBDMS on: 9/14/2010
- Injection Projects to new operator in RBDMS on: 9/14/2010
- Receipt of Acceptance of Drilling Procedures for APD/New on: 5/11/2010

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: UTB000428
- Indian well(s) covered by Bond Number: n/a
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number RLB0013207 & B006008
- 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.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: ENCANA OIL & GAS (USA) INC. <i>N2175</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 370 17th Street, Suite 1700 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: See Attached List		8. WELL NAME and NUMBER:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER:
COUNTY:		10. FIELD AND POOL, OR WILDCAT:
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.

Effective May 4, 2010 Patara Oil & Gas LLC, 333 Clay Street, Suite 3960, Houston, TX 77002, will take over completions and operations and is designated as agent operator for the subject wells on the attached list.

Bond coverage for all activities will be covered by Patara's BLM Statewide Oil & Gas Bond No. UTB000428 and UDOGM Bond No. Pending. *RTB 0013207 + B006008*

Patara Oil & Gas LLC, Lane M. Kincannon, Vice-President, Land & Business Development *N3670*

Signature *[Signature]* Date 5/4/2010

NAME (PLEASE PRINT) <u>Ricardo D. Gallegos</u>	TITLE <u>Attorney-in-Fact</u>
SIGNATURE <i>[Signature]</i>	DATE <u>5/4/2010</u>

(This space for State use only)

APPROVED 9/14/2010
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED
May 11 2010 ER
DIV. OF OIL, GAS & MINING

ENCANA O-G (N2175) to PATARA O-G (N3670)
 effective May 4, 2010
 BULL HORN

well_name	sec	twp	rng	api	entity	lease	well	stat	C
BULL HORN U 10-43	10	300S	250E	4303731831	14393	Federal	GW	S	
BULL HORN FED 9-14-30-25	09	300S	250E	4303731843	14393	Federal	GW	S	
BULL HORN FED 15-14-30-25	15	300S	250E	4303731848	14393	Federal	GW	P	
BULL HORN FED 10-21-30-25	10	300S	250E	4303731849	14393	Federal	GW	P	
BULL HORN FED 10-42-30-25	10	300S	250E	4303731861	14393	Federal	GW	P	
BULL HORN FED 10-31-30-25	10	300S	250E	4303731864	14393	Federal	GW	S	
BULL HORN FED 15-13-30-25	15	300S	250E	4303731891		Federal	GW	APD	
BULL HORN FED 9-24-30-25	09	300S	250E	4303731894		Federal	GW	APD	C



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov/ut/st/en.html>



IN REPLY REFER TO
3180
UT-922

September 2, 2010

Robert G. Davis, CPL
Patara Oil & Gas, LLC.
600 17th Street, Suite 1900 S
Denver, CO 80202

Re: Successor Operator
Bull Horn Unit UTU81301X
San Jaun County, Utah

Dear Mr. Davis:

On August 30, 2010, we received an indenture dated May 4, 2010, whereby EnCana Oil & Gas (USA), Inc. resigned as Unit Operator and Patara Oil & Gas, LLC was designated as Successor Unit Operator for the Bull Horn Unit, San Juan County, Utah. The indenture was executed by both parties and the signatory parties (working interest owners) have complied with Sections 5 and 6 of the unit agreement.

The instrument is hereby approved effective September 2, 2010. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Bull Horn Unit Agreement.

Your statewide oil and gas bond, BLM Bond No. UTB000428 will be used to cover unit operations.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate Field Office, with the remaining copies returned herewith.

If you have any questions regarding this matter, please contact Leslie Wilcken of this office at (801) 539-4112.

Sincerely,

/s/ Roger L. Bankert

Roger L. Bankert
Chief, Branch of Minerals

RECEIVED

SEP 07 2010

DIV. OF OIL, GAS & MINING

Enclosure

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
 CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

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

11/1/2012

FROM: (Old Operator): N3670- Patara Oil & Gas, LLC 600 17th Street, Suite 1900S Denver, CO 80202 Phone: 1 (303) 825-0685	TO: (New Operator): N3645- CCI Paradox Upstream, LLC 600 17th Street, Suite 1900S Denver, CO 80202 Phone: 1 (303) 825-0685
---	--

WELL NAME	CA No.			Unit:	Bull Horn			
	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: 1/23/2013
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 2/7/2013
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/12/2013
- Is the new operator registered in the State of Utah: _____ Business Number: 8523441-0161
- (R649-9-2)Waste Management Plan has been received on: Not Yet
- Inspections of LA PA state/fee well sites complete on: N/A
- Reports current for Production/Disposition & Sundries on: 2/12/2013
- 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 N/A
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: Not Yet
- 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")** 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: 2/12/2013
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/12/2013
- Bond information entered in RBDMS on: 2/7/2013
- Fee/State wells attached to bond in RBDMS on: 2/12/2013
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: 2/4/2013

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: 105865919
- Indian well(s) covered by Bond Number: N/A
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 105865922
- The **FORMER** operator has requested a release of liability from their bond on: N/A

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:

Patara Oil Gas, LLC (N3670) to CCI Paradox Upstream, LLC (N3945)
 Effective 11/1/2012
 Bull Horn Unit

Well Name	Section	TWN	RNG	API Number	Entity	Lease Type	Well Type	Well Status
BULL HORN FED 9-14-30-25	09	300S	250E	4303731843	14393	Federal	GW	P
BULL HORN FED 10-21-30-25	10	300S	250E	4303731849	14393	Federal	GW	P
BULL HORN FED 10-42-30-25	10	300S	250E	4303731861	14393	Federal	GW	P
BULL HORN FED 10-31-30-25	10	300S	250E	4303731864	14393	Federal	GW	P
BULL HORN FED 15-13-30-25	15	300S	250E	4303731891	14393	Federal	GW	P
BULL HORN U 10-43	10	300S	250E	4303731831	14393	Federal	GW	S
BULL HORN FED 15-14-30-25	15	300S	250E	4303731848	14393	Federal	GW	S

RECEIVED

JAN 23 2013

FORM 9

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

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 Multiple Well Transfer
2. NAME OF OPERATOR: Patara Oil & Gas LLC
3. ADDRESS OF OPERATOR: 600 17th St. Ste. 1900S Denver CO 80202
4. LOCATION OF WELL: FOOTAGES AT SURFACE: n/a COUNTY: San Juan, UT STATE: UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER: n/a
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
7. UNIT or CA AGREEMENT NAME: n/a
8. WELL NAME and NUMBER: Multiple
9. API NUMBER: n/a
10. FIELD AND POOL, OR WILDCAT: n/a

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

Table with columns: TYPE OF SUBMISSION, TYPE OF ACTION. Includes checkboxes for NOTICE OF INTENT, SUBSEQUENT REPORT, and various actions like ACIDIZE, ALTER CASING, OPERATOR CHANGE, etc.

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

Patara Oil & Gas LLC (Patara) hereby requests the transfer of operating rights and responsibilities for the subject wells, listed herein, to the new owner/operator of the assets, being effective November 1, 2012; CCI Paradox Upstream LLC (CCI).

Please see Exhibit I for a detailed list of upstream assets considered for transfer. Patara midstream assets will be transferred via a separate letter, enclosed.

NAME (PLEASE PRINT) Christopher A. Noonan TITLE Regulations & Production Reporting Supervisor
SIGNATURE [Signature] DATE 1/18/13

(This space for State use only)

APPROVED

FEB 12 2013

DIV. OF OIL, GAS & MINING

(See Instructions on Reverse Side)

BY: Rachel Medina

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Multiple Well Transfer</u>		5. LEASE DESIGNATION AND SERIAL NUMBER: n/a
2. NAME OF OPERATOR: CCI Paradox Upstream LLC <u>N3945</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: n/a
3. ADDRESS OF OPERATOR: 600 17th St. Ste. 1900S CITY <u>Denver</u> STATE <u>CO</u> ZIP <u>80202</u>		7. UNIT or CA AGREEMENT NAME: n/a
4. LOCATION OF WELL FOOTAGES AT SURFACE: <u>n/a</u>		8. WELL NAME and NUMBER: <u>Multiple</u>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER: n/a
		10. FIELD AND POOL, OR WILDCAT: n/a
		COUNTY: <u>San Juan, UT</u>
		STATE: <u>UTAH</u>

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

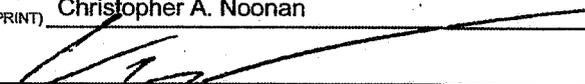
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: <u>11/1/2012</u>	<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.

CCI Paradox Upstream LLC (CCI), hereby requests the transfer of operating rights and responsibilities for the subject wells, listed herein, to the new owner/operator of the assets, CCI, being effective November 1, 2012. The assets were previously operated by Patara Oil & Gas LLC (Patara) prior to sale.

Please see Exhibit I for a detailed list of upstream assets considered for transfer. Patara midstream assets will be transferred via a separate letter, enclosed.

Bond Number:
Blm: 105865919
State: 105865922

NAME (PLEASE PRINT) <u>Christopher A. Noonan</u>	TITLE <u>Regulations & Production Reporting Supervisor</u>
SIGNATURE 	DATE <u>2/6/2012</u>

(This space for State use only)

APPROVED

FEB 12 2013

DIV. OIL GAS & MINING

BY: Rachel Medina

RECEIVED

FEB 07 2013

Div. of Oil, Gas & Mining

Exhibit I

BLM Form 3160-5 Transfer of Operator

Utah Form 9 Transfer of Operator

State of Utah Upstream Assets

01/09/2013

API Well Number	Operator	Well Name	Well Status	Well Type	Field Name	County	Qtr/Qtr	Section	Township-Range)
✓ 43-037-15049-00-00	PATARA OIL & GAS LLC	LISBON D-616	Shut-In	Oil Well	LISBON	SAN JUAN	NENE	16	30S-24E 1
✓ 43-037-15123-00-00	PATARA OIL & GAS LLC	LISBON B-615	Producing	Oil Well	LISBON	SAN JUAN	NENW	15	30S-24E 2
✓ 43-037-15769-00-00	PATARA OIL & GAS LLC	LISBON B912	Shut-In	Oil Well	LISBON	SAN JUAN	SESW	12	30S-24E 3
✓ 43-037-16219-00-00	PATARA OIL & GAS LLC	BIG INDIAN UNIT 1	Shut-In	Oil Well	BIG INDIAN (MADISON)	SAN JUAN	SENE	33	29S-24E 4
✓ 43-037-16221-00-00	PATARA OIL & GAS LLC	BIG INDIAN 4	Shut-In	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SWSW	14	30S-25E 5
✓ 43-037-16237-00-00	PATARA OIL & GAS LLC	LISBON A-715	Inactive	Water Disposal Well	LISBON	SAN JUAN	SWNW	15	30S-24E 6
✓ 43-037-16240-00-00	PATARA OIL & GAS LLC	LISBON B-613	Shut-In	Oil Well	LISBON	SAN JUAN	NENW	13	30S-24E 7
✓ 43-037-16242-00-00	PATARA OIL & GAS LLC	LISBON B-616	Shut-In	Oil Well	LISBON	SAN JUAN	NESW	16	30S-24E 8
✓ 43-037-16244-00-00	PATARA OIL & GAS LLC	BELCO ST 4 (LISBON B-816)	Active	Water Disposal Well	LISBON	SAN JUAN	NESW	16	30S-24E 9
✓ 43-037-16245-00-00	PATARA OIL & GAS LLC	LISBON C-69	Shut-In	Oil Well	LISBON	SAN JUAN	NWNE	9	30S-24E 10

✓ 43-037-16247-00-00	PATARA OIL & GAS LLC	LISBON C-94	Shut-In	Oil Well	LISBON	SAN JUAN	SWSE	4	30S-24E 11
✓ 43-037-16250-00-00	PATARA OIL & GAS LLC	LISBON UNIT D-84	Shut-In	Oil Well	LISBON	SAN JUAN	NESE	4	30S-24E 12
✓ 43-037-16251-00-00	PATARA OIL & GAS LLC	LISBON D-89	Shut-In	Oil Well	LISBON	SAN JUAN	NESE	9	30S-24E 13
43-037-16469-00-00	PATARA OIL & GAS LLC	LISBON U B-610	Producing	Oil Well	LISBON	SAN JUAN	NENW	10	30S-24E 14
43-037-16471-00-00	PATARA OIL & GAS LLC	NW LISBON USA A-2 (D-810)	Producing	Gas Well	LISBON	SAN JUAN	NESE	10	30S-24E 15
43-037-30054-00-00	PATARA OIL & GAS LLC	LISBON B-84	Shut-In	Oil Well	LISBON	SAN JUAN	NESW	4	30S-24E 16
43-037-30082-00-00	PATARA OIL & GAS LLC	LISBON B-814	Active	Water Disposal Well	LISBON	SAN JUAN	NESW	14	30S-24E 17
43-037-30317-00-00	PATARA OIL & GAS LLC	FEDERAL 15-25	Shut-In	Gas Well	WILSON CANYON	SAN JUAN	SWSE	25	29S-23E 18
43-037-30693-00-00	PATARA OIL & GAS LLC	LISBON C-99	Shut-In	Oil Well	LISBON	SAN JUAN	SWSE	9	30S-24E 19
43-037-30694-00-00	PATARA OIL & GAS LLC	LISBON U D-610	Shut-In	Gas Well	LISBON	SAN JUAN	NENE	10	30S-24E 20
43-037-30695-00-00	PATARA OIL & GAS LLC	LISBON B-94	Shut-In	Oil Well	LISBON	SAN JUAN	SESW	4	30S-24E 21
43-037-31014-00-00	PATARA OIL & GAS LLC	LISBON UNIT A-911	Producing	Gas Well	LISBON	SAN JUAN	SWSW	11	30S-24E 22
43-037-31034-00-00	PATARA OIL & GAS LLC	LISBON UNIT D-716	Shut-In	Oil Well	LISBON	SAN JUAN	SENE	16	30S-24E 23
43-037-31323-00-00	PATARA OIL & GAS LLC	LISBON C-910	Shut-In	Oil Well	LISBON	SAN JUAN	SWSE	10	30S-24E 24
43-037-31351-00-00	PATARA OIL & GAS LLC	LISBON B-614A	Shut-In	Oil Well	LISBON	SAN JUAN	NENW	14	30S-24E 25
43-037-31433-00-00	PATARA OIL & GAS LLC	LISBON B-810	Producing	Oil Well	LISBON	SAN JUAN	NESW	10	30S-24E 26

43-037-31829-00-00	PATARA OIL & GAS LLC	BIG INDIAN 35-24	Shut-In	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SENE	35	29S-24E 7
43-037-31831-00-00	PATARA OIL & GAS LLC	BULL HORN U 10-43	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SWSE	10	30S-25E 8
43-037-31838-00-00	PATARA OIL & GAS LLC	MIDDLE MESA ST 36-14-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NENE	36	29S-24E 9
43-037-31843-00-00	PATARA OIL & GAS LLC	BULL HORN FED 9-14-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NENE	9	30S-25E 30
43-037-31848-00-00	PATARA OIL & GAS LLC	BULL HORN FED 15-14-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NENE	15	30S-25E 1
43-037-31849-00-00	PATARA OIL & GAS LLC	BULL HORN FED 10-21-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NWSW	10	30S-25E 2
43-037-31850-00-00	PATARA OIL & GAS LLC	BIG INDIAN FED 14-21-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SWNW	14	30S-25E 3
43-037-31853-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 5-6-30-25	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	LOT6	5	30S-25E 4
43-037-31854-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 31-31-29-25	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NWSW	31	29S-25E 5
43-037-31855-00-00	PATARA OIL & GAS LLC	MIDDLE MESA ST 36-12-29-24	Shut-In	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NENW	36	29S-24E 6
43-037-31856-00-00	PATARA OIL & GAS LLC	MIDDLE MESA ST 36-24-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SENE	36	29S-24E 7
43-037-31859-00-00	PATARA OIL & GAS LLC	BIG INDIAN FED 15-24-30-25	Shut-In	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SWNW	14	30S-25E 8
43-037-31860-00-00	PATARA OIL & GAS LLC	BIG INDIAN FED 14-42-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SESW	14	30S-25E 9
43-037-31861-00-00	PATARA OIL & GAS LLC	BULL HORN FED 10-42-30-25	Shut-In	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SESW	10	30S-25E 40
43-037-31864-00-00	PATARA OIL & GAS LLC	BULL HORN FED 10-31-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NWSW	10	30S-25E 1
43-037-31877-00-00	PATARA OIL & GAS LLC	MIDDLE MESA ST 36-12B-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NENW	36	29S-24E 2

43-037-31878-00-00	PATARA OIL & GAS LLC	MIDDLE MESA ST 36-24B-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SENE	36	29S-24E 3
43-037-31883-00-00	PATARA OIL & GAS LLC	BIG INDIAN FED 15-24B-30-25	Shut-In	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	SWNW	14	30S-25E 4
43-037-31884-00-00	PATARA OIL & GAS LLC	BIG INDIAN FED 23-13B-30-25	Approved permit (APD); not yet spudded	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NWNE	23	30S-25E 5
43-037-31885-00-00	PATARA OIL & GAS LLC	BIG INDIAN FED 23-13-30-25	Approved permit (APD); not yet spudded	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NWNE	23	30S-25E 6
43-037-31891-00-00	PATARA OIL & GAS LLC	BULL HORN FED 15-13-30-25	Producing	Gas Well	BIG INDIAN (HERMOSA)	SAN JUAN	NENE	15	30S-25E 7
43-037-31893-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 30-41-29-25	Approved permit (APD); not yet spudded	Gas Well	UNDESIGNATED	SAN JUAN	SWSW	30	29S-25E 8
43-037-31897-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 5-10-30-25	Spudded (Drilling commenced: Not yet completed)	Gas Well	SOUTH PINE RIDGE	SAN JUAN	LT10	5	30S-25E 9
43-037-31901-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 25-43-29-24	Approved permit (APD); not yet spudded	Gas Well	UNDESIGNATED	SAN JUAN	SWSE	25	29S-24E 10
43-037-31902-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 25-41-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SWSW	25	29S-24E 1
43-037-31903-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 25-31-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NWSW	25	29S-24E 2
43-037-31904-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 26-34-29-24	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NESW	26	29S-24E 3

43-037-31905-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 26-23-29-24	Approved permit (APD); not yet spudded	Gas Well	UNDESIGNATED	SAN JUAN	SWNE	26	29S-24E 4
43-037-31906-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 31-44-29-25	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SESE	31	29S-25E 5
43-037-31907-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 31-33-29-25	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NWSE	31	29S-25E 4
43-037-31909-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 31-22-29-25	Approved permit (APD); not yet spudded	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SENW	31	29S-25E 7
43-037-31910-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 31-11-29-25	Approved permit (APD); not yet spudded	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NWNW	31	29S-25E 8
43-037-50008-00-00	PATARA OIL & GAS LLC	CISCO STATE 36-13	Temporarily-Abandoned	Gas Well	WILDCAT	SAN JUAN	NWNE	36	31S-24E 9
43-037-50010-00-00	PATARA OIL & GAS LLC	MIDDLE MESA FED 4-20-30-25	Producing	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SWNW	4	30S-25E 6
43-037-50012-00-00	PATARA OIL & GAS LLC	Lisbon 11-32MC	Returned APD (Unapproved)	Oil Well	UNDESIGNATED	SAN JUAN	SWNE	11	30S-24E 1
43-037-50013-00-00	PATARA OIL & GAS LLC	Lisbon 14-11MC	Approved permit (APD); not yet spudded	Oil Well	LISBON	SAN JUAN	NWNW	14	30S-24E 2
43-037-50014-00-00	PATARA OIL & GAS LLC	Lisbon 10-44MC	Approved permit (APD); not yet spudded	Oil Well	LISBON	SAN JUAN	NWNW	14	30S-24E 3

43-037-50015-00-00	PATARA OIL & GAS LLC	Lisbon 3-32MC	Approved permit (APD); not yet spudded	Oil Well	LISBON	SAN JUAN	NESE	4	30S-24E	4
43-037-50016-00-00	PATARA OIL & GAS LLC	Lisbon 11-33MC	Approved permit (APD); not yet spudded	Oil Well	LISBON	SAN JUAN	NENW	14	30S-24E	5
43-037-50017-00-00	PATARA OIL & GAS LLC	Lisbon 11-21MC	Approved permit (APD); not yet spudded	Gas Well	LISBON	SAN JUAN	NWSE	10	30S-24E	6
43-037-50018-00-00	PATARA OIL & GAS LLC	Lisbon 3-43MC	Approved permit (APD); not yet spudded	Oil Well	LISBON	SAN JUAN	SESE	3	30S-24E	7
43-037-50019-00-00	PATARA OIL & GAS LLC	Lisbon 10-33MC	Spudded (Drilling commenced: Not yet completed)	Oil Well	LISBON	SAN JUAN	NWSE	10	30S-24E	8
43-037-50021-00-00	PATARA OIL & GAS LLC	Middle Mesa Fed 31-42-29-25	Approved permit (APD); not yet spudded	Gas Well	SOUTH PINE RIDGE	SAN JUAN	SESW	31	29S-25E	9
43-037-50026-00-00	PATARA OIL & GAS LLC	Middle Mesa Federal 5-8-30-25	Approved permit (APD); not yet spudded	Gas Well	SOUTH PINE RIDGE	SAN JUAN	NENE	5	30S-25E	10

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-73190
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: BULL HORN
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: BULL HORN U 10-43
2. NAME OF OPERATOR: CCI PARADOX UPSTREAM, LLC	9. API NUMBER: 43037318310000
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1900S , Denver, CO, 80202	PHONE NUMBER: 303 728-2222 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1244 FSL 2040 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 10 Township: 30.0S Range: 25.0E Meridian: S	9. FIELD and POOL or WILDCAT: BIG INDIAN (HERMOSA) COUNTY: SAN JUAN 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: 1/1/2015	<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.

CCI PARADOX UPSTREAM, LLC intends to plug & abandon the Bull Horn 10-43 well using the following methods: Plug #1 Cement plug on top of RBP from 2899 - 2849' 15 sks of 15.9 ppg Class G Cmt, yield 1.13 cf/sack Plug #2 Squeeze perfs at 2568 - 2584' with cement plug 2584 - 2484' 65 sks of 15.9 ppg Class G Cmt, yield 1.13 cf/sack Plug #3 Cement plug from 1955 - 1855' 15 sks of 15.9 ppg Class G Cmt, yield 1.13 cf/sack Plug #4 Perforate 2 spf at 150' Circulate cement to surface in 5 1/2" x 9 5/8" annulus area plus leave a cement plug in the 5 1/2" from 150' - surface. 55 sks of 15.9 ppg Class G Cmt, yield 1.13 cf/sack Cut off wellhead 3' below surface and weld on plate with well name, date and location. Fill cellar and reclaim location.

**Accepted by the
 Utah Division of
 Oil, Gas and Mining**
 Date: September 09, 2014
 By: *Derek Quist*

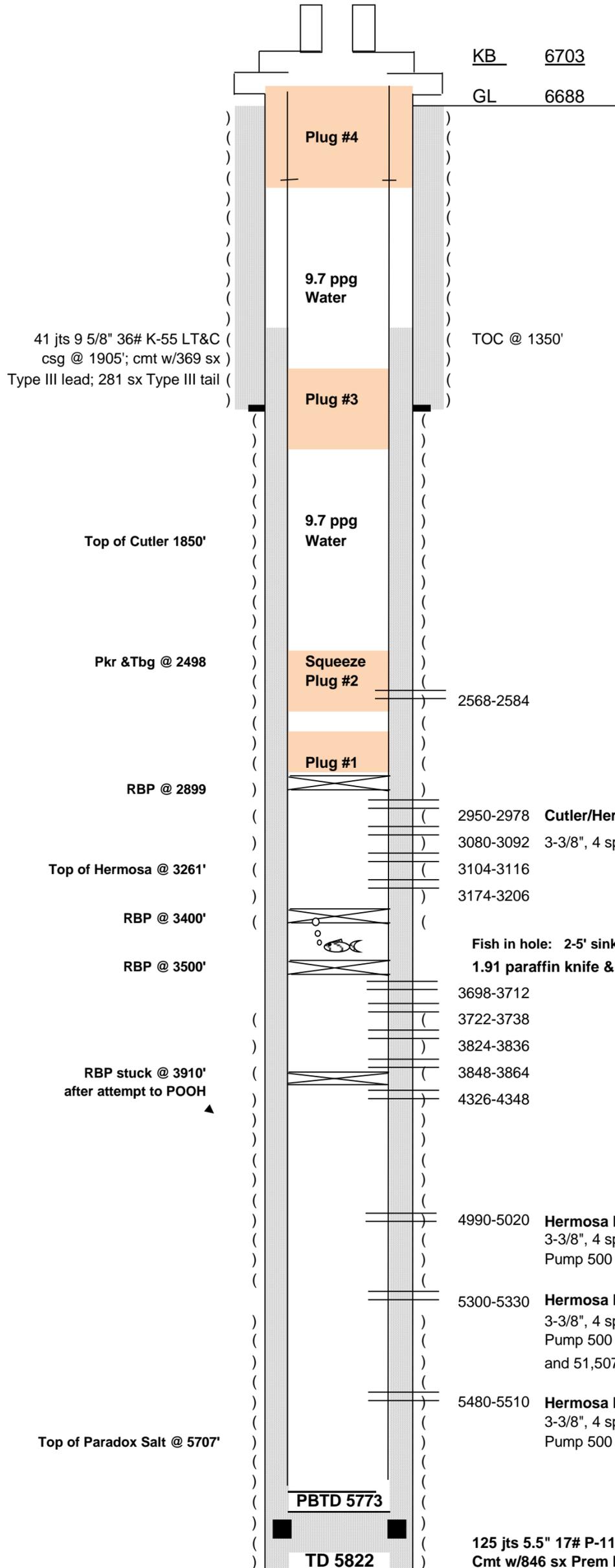
NAME (PLEASE PRINT) James Mullins	PHONE NUMBER 303 728-2219	TITLE Reservoir Engineering Tech
SIGNATURE N/A	DATE 9/2/2014	

WELLBORE DIAGRAM

Surface Loc: 1244' FSL, 2040' FEL

Operator: CCI Paradox Upstream, LLC
 Well Name: Bull Horn 10-43
 Lease Number: UT-73190
 Location: SWSE Sec 10-T30S-R25E
 Field: Bull Horn 10-43
 County: San Juan, Utah
 API Number: 43-037-31831
 Diagram Date: 1/14/2005
 Rev: 11/14/07
Proposed P&A John Warren

PROPOSED P&A DIAGRAM



Well History

Spud Date 10/24/2004
 TD Reached 11/5/2004
 Rig Released 11/8/2004
 Completion Date 12/4/2004
 First Sales: 12/15/2004

Plug #1

Cement plug on top of RBP from 2899 - 2849'
 15 sks of 15.9 ppg Class G Cmt, yield 1.13 cf/sack

Plug #2

Squeeze perfs at 2568 - 2584' with cement plug 2584 - 2484'
 65 sks of 15.9 ppg Class G Cmt, yield 1.13 cf/sack

Plug #3

Cement plug from 1955 - 1855'
 15 sks of 15.9 ppg Class G Cmt, yield 1.13 cf/sack

Plug #4

Perforate 2 spf at 150'
 Circulate cement to surface in 5 1/2" x 9 5/8" annulus area plus leave a cement plug in the 5 1/2" from 150' - surface.
 55 sks of 15.9 ppg Class G Cmt, yield 1.13 cf/sack

Cut off wellhead 3' below surface and weld on plate with well name, date and location. Fill cellar and reclaim location.

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: UTU-73190
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: BULL HORN
1. TYPE OF WELL Gas Well	8. WELL NAME and NUMBER: BULL HORN U 10-43	
2. NAME OF OPERATOR: CCI PARADOX UPSTREAM, LLC	9. API NUMBER: 43037318310000	
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1900S , Denver, CO, 80202	PHONE NUMBER: 303 728-2222 Ext	9. FIELD and POOL or WILDCAT: BIG INDIAN SOUTH
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1244 FSL 2040 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 10 Township: 30.0S Range: 25.0E Meridian: S		COUNTY: SAN JUAN
		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: 2/28/2015 <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: <input style="width: 100px;" type="text" value="Tubing & Casing Pressure"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
CCI Paradox Upstream, LLC has gathered casing & tubing pressures for the month of February 2015 for all shut-in wells, please see the attached spreadsheet. Subsequent monthly reports of shut-in well casing and tubing pressures will be submitted on a monthly basis.		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 12, 2015
NAME (PLEASE PRINT) Ashley Noonan	PHONE NUMBER 303 728-2232	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 3/12/2015	

Well Name	API	Casing Feb	Tubing Feb	Casing Mar	Tubing Mar	Casing Apr	Tubing Apr	Casing May	Tubing May	Casing Jun	Tubing Jun	Casing Jul	Tubing Jul	Casing Aug	Tubing Aug	Casing Sep	Tubing Sep	Casing Oct	Tubing Oct	Casing Nov	Tubing Nov	Casing Dec	Tubing Dec
BIG INDIAN UNIT 1	4303716219	480	2400																				
BULL HORN U 10-43	4303731831	280	0																				
LISBON B-616	4303716242	40	40																				
LISBON B-84	4303730054	0	101																				
LISBON B912	4303715769	1100	60																				
LISBON B-94	4303730695	0	0																				
LISBON C-69	4303716245	180	810																				
LISBON C-910	4303731323	480	60																				
LISBON C-94	4303716247	30	0																				
LISBON C-99	4303730693	20	1000																				
LISBON D-616	4303715049	0	15																				
LISBON D-716	4303731034	8	1160																				
LISBON D-84	4303716250	480	60																				
LISBON D-89	4303716251	100	140																				
FEDERAL 15-25	4303730317	380 Bottom/3300 Top	3300																				

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: UTU-73190
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:
1. TYPE OF WELL Gas Well		7. UNIT or CA AGREEMENT NAME: BULL HORN
2. NAME OF OPERATOR: CCI PARADOX UPSTREAM, LLC		8. WELL NAME and NUMBER: BULL HORN U 10-43
3. ADDRESS OF OPERATOR: 600 17th Street, Suite 1900S , Denver, CO, 80202		9. API NUMBER: 43037318310000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1244 FSL 2040 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 10 Township: 30.0S Range: 25.0E Meridian: S		9. FIELD and POOL or WILDCAT: BIG INDIAN SOUTH
		COUNTY: SAN JUAN
		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 type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <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"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/31/2015	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text" value="Pumping & Tubing Pressure"/>	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> DRILLING REPORT Report Date:	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
CCI Paradox Upstream, LLC has gathered casing & tubing pressures for the month of March 2015 for all shut-in wells, please see the attached spreadsheet. Subsequent monthly reports of shut-in well casing and tubing pressures with be submitted on a monthly basis.		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 08, 2015
NAME (PLEASE PRINT) Ashley Noonan	PHONE NUMBER 303 728-2232	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 4/7/2015	

Utah
CCI Paradox Upstream, LLC
Shut- In Wells

Required Actions

Well Name	API	Casing Feb	Tubing Feb	Casing Mar	Tubing Mar	Casing Apr	Tubing Apr	Casing May	Tubing May	Casing Jun	Tubing Jun	Casing Jul
BIG INDIAN UNIT 1	4303716219	480	2400	500	2400							
BULL HORN U 10-43	4303731831	280	0	220	0							
LISBON B-616	4303716242	40	40	24	20							
LISBON B-84	4303730054	-4	101	4	100							
LISBON B912	4303715769	1100	60	1125	60							
LISBON B-94	4303730695	0	0	0	0							
LISBON C-69	4303716245	180	810	580	800							
LISBON C-910	4303731323	480	60	445	80							
LISBON C-94	4303716247	30	0	0	0							
LISBON C-99	4303730693	20	1000	45	1000							
LISBON D-616	4303715049	0	15	Rig	Rig							
LISBON D-716	4303731034	8	1160	0	0							
LISBON D-84	4303716250	480	60	560	550							
LISBON D-89	4303716251	100	140	unable	unable							
FEDERAL 15-25	4303730317	380 Bottom/3300 Top	3300	3300	3200							

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: UTU-73190
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: CCI PARADOX UPSTREAM, LLC		7. UNIT or CA AGREEMENT NAME: BULL HORN
3. ADDRESS OF OPERATOR: 811 Main Street, Suite 3500 , Houston, TX, 77002		8. WELL NAME and NUMBER: BULL HORN U 10-43
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1244 FSL 2040 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 10 Township: 30.0S Range: 25.0E Meridian: S		9. API NUMBER: 43037318310000
9. FIELD and POOL or WILDCAT: BIG INDIAN SOUTH		COUNTY: SAN JUAN
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 type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <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"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/30/2015	<input type="checkbox"/> APD EXTENSION OTHER: Pumping & Tubing Pressure	
<input type="checkbox"/> SPUD REPORT Date of Spud:		
<input type="checkbox"/> DRILLING REPORT Report Date:		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. CCI Paradox Upstream, LLC has gathered casing & tubing pressures for the month of April 2015 for all shut-in wells, please see the attached spreadsheet. Subsequent monthly reports of shut-in well casing and tubing pressures with be submitted on a monthly basis.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 04, 2015		
NAME (PLEASE PRINT) Ashley Noonan	PHONE NUMBER 720 319-6830	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 5/18/2015	

Utah
CCI Paradox Upstream, LLC
Shut- In Wells

Well Name	API	Casing Feb	Tubing Feb	Casing Mar	Tubing Mar	Casing Apr	Tubing Apr	Casing May	Tubing May	Casing Jun	Tubing Jun	Casing Jul	Tubing Jul	Casing Aug	Tubing Aug	Casing Sep	Tubing Sep	Casing Oct	Tubing Oct	Casing Nov	Tubing Nov	Casing Dec	Tubing Dec
BIG INDIAN UNIT 1	4303716219	480	2400	500	2400	520	2400																
BULL HORN U 10-43	4303731831	280	0	220	0	220	0																
LISBON B-616	4303716242	40	40	24	20	p&a	p&a																
LISBON B-84	4303730054	-4	101	4	100	-4	100																
LISBON B912	4303715769	1100	60	1125	60	1125	60																
LISBON B-94	4303730695	0	0	0	0	0	0																
LISBON C-69	4303716245	180	810	580	800	580	800																
LISBON C-910	4303731323	480	60	445	80	500	80																
LISBON C-94	4303716247	30	0	0	0	0	0																
LISBON C-99	4303730693	20	1000	45	1000	20	1000																
LISBON D-616	4303715049	0	15	Rig	Rig	p&a	p&a																
LISBON D-716	4303731034	8	1160	0	0	new AIG	new AIG																
LISBON D-84	4303716250	480	60	560	550	560	500																
LISBON D-89	4303716251	100	140	unable	unable	100	325																
FEDERAL 15-25	4303730317	380 Bottom/3300 Top	3300	3300	3200	700 bottom / 3350	3300																

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: UTU-73190	
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: BULL HORN	
1. TYPE OF WELL Gas Well		8. WELL NAME and NUMBER: BULL HORN U 10-43	
2. NAME OF OPERATOR: CCI PARADOX UPSTREAM, LLC		9. API NUMBER: 43037318310000	
3. ADDRESS OF OPERATOR: 811 Main Street, Suite 3500 , Houston, TX, 77002	PHONE NUMBER: 281 714-2949 Ext	9. FIELD and POOL or WILDCAT: BIG INDIAN SOUTH	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1244 FSL 2040 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 10 Township: 30.0S Range: 25.0E Meridian: S		COUNTY: SAN JUAN	
		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: 5/31/2015 <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: Monthly casing and tubing p
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
<p>CCI Paradox Upstream, LLC has gathered casing and tubing pressures for the month of May 2015 for all shut-in wells, please see the attached spreadsheet. Subsequent monthly reports of shut-in well casing and tubing pressures will be submitted on a monthly basis.</p>			
<p>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY June 22, 2015</p>			
NAME (PLEASE PRINT) Ashley Noonan	PHONE NUMBER 720 319-6830	TITLE Regulatory Analyst	
SIGNATURE N/A	DATE 6/9/2015		

Utah
CCI Paradox Upstream, LLC
Shut- In Wells

Required Actions

Well Name	API	Casing Jan	Tubing Jan	Casing Feb	Tubing Feb	Casing Mar	Tubing Mar	Casing Apr	Tubing Apr	Casing May	Tubing May
BIG INDIAN UNIT 1	4303716219			480	2400	500	2400	520	2400	500	2400
BULL HORN U 10-43	4303731831			280	0	220	0	220	0	218	0
LISBON B-616	4303716242	40	40	40	40	24	20	P&A	P&A	P&A	P&A
LISBON B-84	4303730054			-4	101	4	100	-4	100	-4	98
LISBON B912	4303715769			1100	60	1125	60	1125	60	1140	60
LISBON B-94	4303730695			0	0	0	0	0	0	0	0
LISBON C-69	4303716245			180	810	580	800	580	800	590	800
LISBON C-910	4303731323			480	60	445	80	500	80	510	85
LISBON C-94	4303716247			30	0	0	0	0	0	0	0
LISBON C-99	4303730693			20	1000	45	1000	20	1000	20	1000
LISBON D-616	4303715049			0	15	Rig	Rig	P&A	P&A	P&A	P&A
LISBON D-716	4303731034			8	1160	0	0	Inj	Inj	Inj	Inj
LISBON D-84	4303716250			480	60	560	550	560	550	565	550
LISBON D-89	4303716251			100	140	unable	unable	100	325	375	375
FEDERAL 15-25	4303730317			380 Bottom/3300 Top	3300	3300	3200	3350	3300	3400	3250

