



WOLVERINE OPERATING COMPANY
of Utah, LLC

Energy Exploration in Partnership with the Environment

September 6, 2006

Mr. Gil Hunt
Utah Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Application for Permit to Drill—Wolverine Operating Company of Utah, LLC
Wolverine Milburn 25-1
363' FSL, 477' FWL, SW/4 SW/4, Section 25, T12S, R4E, S.L.B.&M, Sanpete
County, Utah

Dear Mr. Hunt:

Wolverine Operating Company of Utah, LLC (Wolverine) respectfully submits the enclosed original and one copy of the *Application for Permit to Drill (APD)* for the above referenced vertical well, which is to be drilled on fee land. The proposed well is located within 460' of the drilling unit boundary, so a request for exception to spacing (R649-3-2) is hereby requested based on geology and restrictive topography. Wolverine is the only owner and operator within 460' of the proposed well location.

Included with the APD is the following supplemental information:

- Survey plat, pad layout, and vicinity map for the proposed well site;
- Exception location and ownership plat;
- Drilling prognosis with BOP diagram;
- Affidavit of fee Surface Use Agreement, Deed reserving mineral rights, and Oil and Gas Lease.

Milburn Irrigation Company (User Number 65-2256) will be the source for water during drilling and completion operations on this proposed well.

RECEIVED

SEP 07 2006

DIV. OF OIL, GAS & MINING

The proposed well is located on a split estate for which Wolverine holds a valid Oil and Gas Lease from the mineral owner. Wolverine is in continuing amicable discussions with the surface owner and anticipates approval of the Surface Use Agreement as soon as all involved parties are available. In order to expedite permitting of this well, Wolverine is providing an affidavit verifying that good faith discussions with the surface owner are in progress and that there are no known issues that would prevent eventual agreement with the surface owner. A copy of the Deed reserving mineral rights, a copy of Wolverine's Oil and Gas Lease, and an Affidavit describing our Surface Use Agreement status are all attached for your reference.

The surface owner at the proposed well site is Hidden Springs Retreat, LLC. Contact information for arranging the onsite inspection is as follows:

Hidden Springs Retreat, LLC
c/o Susan Harding
506 N 900 E
Orem, UT 84097

Home Phone: 801-224-3844
Office Phone: 801-225-0755

If needed, access to the well site through an adjacent property will be by right-of-way granted by Mary Kaye's Family Limited Partnership with contact information as follows:

Mary Kaye's Family Limited Partnership
c/o Stanley B. Smith
362 N 2000 W
Pleasant Grove, UT 84062

Home Phone: 801-756-7226
Cell Phone: 801-809-2350

Please accept this letter as Wolverine's written request for confidential treatment of all information contained in and pertaining to this application.

Wolverine respectfully requests and thanks you very much in advance for timely consideration of this application. Please feel free to contact me at 616-458-1150 if you have any questions or need additional information.

Sincerely,



Ellis M. Peterson – Senior Production Engineer

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

FORM 3

AMENDED REPORT
(highlight changes)

APPLICATION FOR PERMIT TO DRILL		5. MINERAL LEASE NO: Patented	6. SURFACE: Fee
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER <u>Wildcat</u> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		8. UNIT or CA AGREEMENT NAME: N/A	
2. NAME OF OPERATOR: Wolverine Operating Company of Utah, LLC		9. WELL NAME and NUMBER: Wolverine Milburn 25-1	
3. ADDRESS OF OPERATOR: 55 Campau NW CITY Grand Rapids STATE MI ZIP 49503-2616		PHONE NUMBER: (616) 458-1150	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 363' FSL, 477' FWL, SW/4 SW/4 AT PROPOSED PRODUCING ZONE: 363' FSL, 477' FWL, SW/4 SW/4		10. FIELD AND POOL, OR WILDCAT: Undesignated Wildcat	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 2.5 miles north of Milburn, Utah		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 25 12S 4E S	
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 363'		12. COUNTY: Sanpete	
16. NUMBER OF ACRES IN LEASE: 240		13. STATE: UTAH	
17. NUMBER OF ACRES ASSIGNED TO THIS WELL: TBD		18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) None	
19. PROPOSED DEPTH: 12,620		20. BOND DESCRIPTION: Blanket Surety B001849R12-22-05	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 6605' GR		22. APPROXIMATE DATE WORK WILL START: 9/20/2006	
		23. ESTIMATED DURATION: 50 to 75 days	

24. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
30"	20" GrB 0.375" wall	120	see Drilling Plan
17-1/2"	13-3/8" J-55 68#	2,000	see Drilling Plan
8-3/4"	5-1/2" L-80 20#	12,620	see Drilling Plan

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

25. **ATTACHMENTS** Date: 12-04-06

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

By: [Signature]

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

NAME (PLEASE PRINT) Ellis M. Peterson TITLE Sr. Production Engineer

SIGNATURE [Signature] DATE 9/6/2006

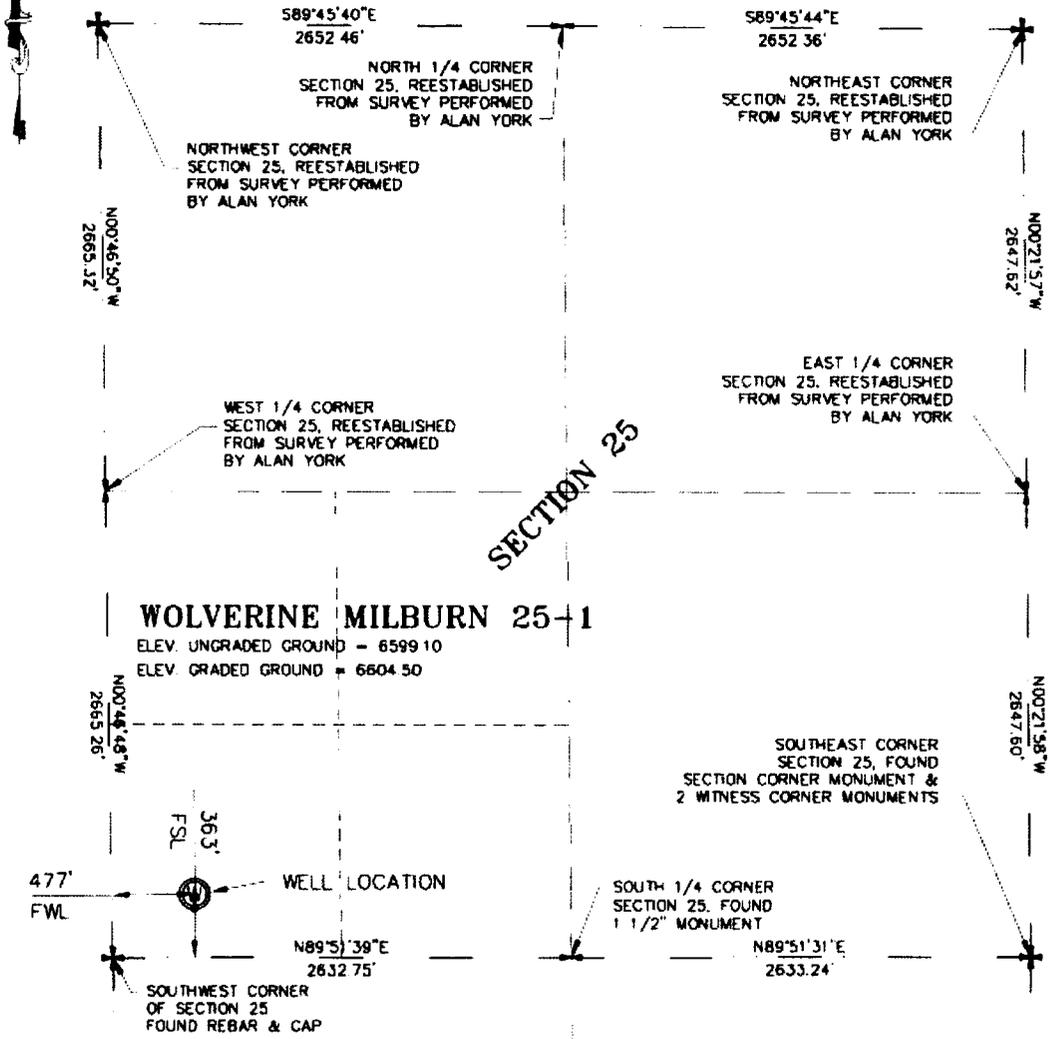
(This space for State use only)

API NUMBER ASSIGNED: 43-039-30035

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SECTION 25, T. 12 S., R.4 E., S.L.B. & M.



PROJECT
WOLVERINE OPERATING COMPANY OF UTAH, LLC
 WELL LOCATION, LOCATED AS SHOWN IN THE
 SW ¼ OF THE SW ¼ OF SECTION 25, T.12 S.,
 R.4 E., S.L.B. & M., SANPETE COUNTY, UTAH

LEGEND

 SECTION CORNER AS NOTED
 QUARTER CORNER AS NOTED
 PROPOSED WELL LOCATION
 SECTION LINE
 QUARTER SECTION LINE
 40 ACRE LINE

NOTE: THE PURPOSE OF THIS SURVEY WAS TO PLAT THE
 WOLVERINE MILBURN 25-1 WELL.
 LOCATED IN THE SW ¼ OF THE SW ¼ OF SECTION
 25, T.12 S., R.4 E., S.L.B. & M., SANPETE COUNTY,
 UTAH.

BASIS OF ELEVATION
 ELEVATION BASED ON USGS BENCH MARK #P42
 LOCATED IN THE NW ¼ OF SECTION 12, T.12 S., R.4 E., S.L.B.
 & M.
 ELEVATION USED 6299.27 AS PUBLISHED BY THE NATIONAL
 GEODETIC SURVEY

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

Ryan W. Savage
 LICENSED LAND SURVEYOR
 RYAN SAVAGE
 STATE OF UTAH
 DATE 8/31/06

BASIS OF BEARING
 BASIS OF BEARING USED WAS N89°51'39"E BETWEEN THE
 SOUTHWEST CORNER AND THE SOUTH QUARTER CORNER OF
 SECTION 25, T.12 S., R.4 E., S.L.B. & M.
 WELL LATITUDE: 39°44'28.5041"W
 WELL LONGITUDE: 111°25'57.8660"W

Savage Surveying, Inc.
 Ryan W. Savage, PLS
 PO Box 892
 279 S 400 W
 Raymond, UT 84701
 Home 435-898-8835
 Fax 435-898-8835
 Cell 435-264-1348

LOCATION PLAT FOR WOLVERINE MILBURN 25-1					
WOLVERINE OPERATING COMPANY OF UTAH, LLC					
DESIGNED BY: R.W.S.	SUPPLIED BY: T.K.S.	SCALE: 1" = 1000	DATE: 8/31/06	PROJECT NUMBER: 0607-0115	SHEET NUMBER: 1

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Pre-Drill Onsite Information State and Private Land

Well Name:

Wolverine Milburn 25-1
363' FSL, 477' FWL, SW/4 SW/4
Section 25, T12S, R4E, SLB&M
Sanpete County, Utah

Operator:

Wolverine Operating Company of Utah, LLC
One Riverfront Plaza
55 Campau, NW
Grand Rapids, MI 49503-2616

Onsite Contact: Charlie Irons Phone: 435-896-1943
Technical Contacts: Ellis Peterson, Ed Higuera Phone: 616-458-1150

Directions to well:

See Vicinity map. From the Highway 89 and Highway 91 (Milburn Road) split in Fairview, proceed north on Highway 91 to approximately 2.5 miles north of Milburn, turn onto lease road and continue for approximately 0.8 miles over the San Pitch River to the wellsite.

Current Surface Use:

The proposed well is located in a subtle drainage in the hills west of the Sanpete Valley just west of the San Pitch River. The area appears to be used for seasonal grazing for sheep and is surrounded on three sides by slightly rising slopes covered sporadically by brush and small trees.

Proposed Surface Disturbance:

The well site and planned access are located on private lands and the operator will have proper Right-of-Way and Surface Use Agreements before construction activities begin. The planned drilling pad will have dimensions of 400 feet by 350 feet. The 0.8 mile access road will be minimally constructed to allow safe travel during drilling and completion operations and then upgraded as necessary for long term use if the well is successful.

Production Facilities and Pipelines:

If the proposed well is productive, a temporary production facility likely to include a two stage gas-liquid separator, two storage tanks, and possible dehydrating equipment will be installed at the well site. A gas pipeline connecting the facility to a distribution gas line approximately 2.5 miles west of the well site is anticipated.

Source of Construction Material:

Top soil will be stockpiled and on site material will be used on site as much as practical to construct the access road and drilling pad. Any gravel or other materials required in addition to the material available onsite will be obtained from private sources and will not be removed from State or Federal lands.

Ancillary Facilities:

Garbage Containers and Portable Toilets are the only ancillary facilities proposed for this drilling operation.

Waste Management Plan:

All wastes associated with this proposed operation will be contained and then disposed at approved facilities. Drill cuttings will be contained and buried on site. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary. Produced fluids from the well other than water will be produced into a test tank until such time as construction of a production facility is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically. A licensed contractor will be utilized to transport septic waste from trailers and the portable chemical toilet and its contents to a waste treatment facility in accordance with state and county regulations.

Affected Floodplains/Wetlands:

A stream crossing over the San Pitch River will need to be constructed to accommodate truck traffic to the drill site. The planned stream crossing will be constructed using an 8-foot reinforced concrete pipe. An application for a Section 404 Stream Alteration Joint Permit has or will soon be filed through the State Engineer's Office. Other than the stream crossing, no floodplain, significant drainages, or wetland areas will be affected by this proposed location and access.

Flora/Fauna:

Sage brush sporadically covers the proposed well site and a mix of Pine, Juniper, Mountain Mahogany, and Scrub Oak are present at the site and on the surrounding hills. Animal life present at this location would be small mammals and periodic big game as are common to the region.

Paleontological Potential:

The surface at this proposed site consists of quaternary alluvium and is not considered suitable to hold paleontological potential. No formal paleontological surveys have been conducted and no paleontological evidence has been observed during informal investigations.

Reserve Pit:

The planned reserve pit will be approximately 210' long, 140' wide, and 10' deep and will be located in the northeast corner of the drilling pad. It will be positioned in cut material and lined with 12 mil minimum thickness plastic nylon reinforced liner material. Pit capacity will be approximately 35,000 Bbls with a minimum two feet of freeboard. A water based mud system will be used to drill the proposed well.

Surface Restoration:

Upon well completion, any hydrocarbons in the pit will be removed in accordance with state regulations. After the pit contents are dry, the plastic nylon reinforced liner will be cut and pulled in to cover the contents and the reserve pit will be backfilled. The reserve pit and all portions of the disturbed site not needed for production facilities/operations will be recontoured to the approximate natural contours. Cuts and fills and other areas not needed for continued operations will be covered by the stockpiled topsoil and re-vegetated. Final restoration of the drill site after the proposed well is plugged and abandoned will be per State requirements and as reasonably requested by the surface owner.

WOLVERINE OPERATING COMPANY OF UTAH, LLC

DRILLING PROGNOSIS

Wolverine Milburn ²⁵~~1-25~~
SW SW Sec 25 T12S-R04E
Sanpete Co., Utah

BRIEF DRILLING PLAN

Drill a vertical exploratory well, at an excepted location, to test the Ferron Sandstone formation to a total depth of 12,620' MD. No abnormal pressure is anticipated. Directional drilling methods will be utilized to control well path deviation. The projected surface and bottom hole locations are as follows:

Surface and bottomhole location: 363' fsl & 477' fwl of Sec 25 T12S - R04E

20" conductor casing will be set at a maximum depth of 120 ft BGL or into firm formation and cemented to surface. A 17-1/2" hole will be drilled vertically (with directional control) to ~2000' MD. 13-3/8" surface csg will be set at TD & cemented to surface. An 8-3/4" hole section will then be drilled, below 13-3/8" csg to total depth of 12620'. Potential for lost circulation exist from 4000' to 5000'. If severe, then the 8-3/4" hole may be opened for a 9-5/8" protective string and 8-1/2" hole resumed below 9-5/8" csg. If drilling and/or logging results warrant, then 5-1/2" production casing will be set and cement raised approximately 1000' above the uppermost potentially productive zone.

EMERGENCY NUMBERS – dial 911 or

Sanpete Valley Hospital (Mt Pleasant)	(435)-462-2441
Medical Helicopter	(800)-453-0120
Sheriff Department (Sanpete County)	(435)-835-2191
Fire Department (Sanpete County)	(435)-835-2191
Utah Division of Oil, Gas and Mining (Salt Lake City):	(801)-538-5340

Utah Division of Oil, Gas and Mining

Contact Carol Daniels (801) 538-5284, 24 hrs prior to spudding

GENERAL INFORMATION

OBJECTIVE: Dakota @ 12,300' MD

ELEVATION: 6605' GL (est)
6631' KB (est)

PROJECTED TOTAL DEPTH: 12,620' MD

SURFACE LOCATION: 363' fsl & 477' fwl of section

COUNTY: Sanpete

STATE: Utah

DIRECTIONS TO LOCATION: from north edge of Gunnison, take SR 89 thru Manti, Ephraim, Mt Pleasant & Fairview. At north edge of Fairview leave SR 89 & continue north 7-1/2 miles total going thru Milburn. Turn left on lease road 3/4 mile to location.

PROPOSED CASING PROGRAM:

Hole Size	Casing Size	Wt./Ft.	Grade	Joint	Measured Depth
30"	20"	.375 wall	GrB	PE welded	120'
17-1/2"	13-3/8"	68.0#	J-55	BTC	0'-2000'
8-3/4"	5-1/2"	20.0#	L-80	LTC	0' - 12,620'

Hole Size	Casing Size	Drift ID, in.	OD of Couplings	Annular Volume in OH, cf/ft	Annular Volume in Csg, cf/ft	Capacity of casing, cf/ft
30"	20"	Conductor	welded	Pre-set	2.73	2.18
17-1/2"	13-3/8"	12.259	14.375	.6946	1.9665	.8406
8-3/4"	5-1/2"	4.767	6.050	.2526	.6553	.1305

GEOLOGIC FORMATIONS:

Formation	Interval (TVD)	Thickness	Prod	Abnormal or H2S
Quaternary Alluvium	Surf - 100'	100		
Green River	100' - 1043'	943		
Colton	1043' - 1643'	600		
Flagstaff	1643' - 2093'	450		
North Horn	2093' - 3462'	1369		
Price River	3462' - 4192'	730		
Castlegate	4192' - 4362'	170		Potential LC
Blackhawk	4362' - 6601'	2239		Potential LC
Upper Blue Gate	6601' - 9358'	2757		
Emery	9358' - 10020'	662	X	
Lower Blue Gate	10020' - 11200'	1180		
Ferron	11200' - 11936'	736	X	
Tununk	11936' - 12320'	384		
Dakota	12320' - 12620'	300	X	
Total Depth	12620'			

CONSTRUCTION OF SURFACE LOCATION

350' x 400' Pad including ...
90' x 130' x 10' Reserve Pit with a 12 mil synthetic liner
72" diameter tin horn cellar, 10' deep.
Flare pit a minimum of 100' from wellhead.

SECTION 1 - SURFACE HOLE: 0' to 2000'

Drill a 17-1/2" hole (directional control for straight hole drilling) with a tricone bit, mud motor, MWD & BHA equipment to approximately 2000' using a fresh mud system (make hole to fit 13-3/8" casing). Maintain hole angle less than 6 degrees and dogleg severity less than 3 degrees per 100 ft.

PRESSURE CONTROL & SAFETY EQUIPMENT FOR SURFACE HOLE

Bottom to Top

20" conductor with 6" flanged outlet at ground level with diverter valve and 6" diverter line to pit
20" drilling nipple to surface with fillup line and 10-3/4" flow line w/ flowline valve
20" rotating head
Upper kelly cock valves with handles available
Safety valves and subs to fit all drill string connections in use
Inside BOP or float sub available

MUD PROGRAM FOR SURFACE HOLE

<u>DEPTH</u>	<u>MUD WEIGHT</u>	<u>TYPE</u>	<u>VIS</u>	<u>FLUID LOSS</u>
0 -2000'	8.4 – 9.2	Fresh water	40-55	N/C

Note: Sweep hole every 100 – 200 feet or as needed for hole cleaning. Maintain maximum flowrates for hole cleaning. Use freshwater gel, caustic and soda ash to maintain properties.

CASING PROGRAM FOR SURFACE HOLE

<u>DEPTH</u>	<u>SIZE</u>	<u>LENGTH</u>	<u>WT</u>	<u>GRADE</u>	<u>THREAD</u>	<u>REMARKS</u>
0 - 2000'	13-3/8"	2000'	68#	J-55	BT&C	

Casing Running Sequence:

guide shoe, 1 jt of 13-3/8" 68# J55 BT&C, float collar, remainder of 13-3/8" 68# J55 BT&C csg to surface. Use centralizers on bottom 3 jts and inside conductor'. RU cement co., hold safety meeting, test lines, cement 13-3/8" casing using the cementing guide below. Displace with fresh water or mud.

CEMENTING PROGRAM FOR SURFACE CASING

Lead: 400 sx CBM lite

Mixed at: 10.5 ppg
Yield: 4.12 ft³/sx

Tail: 450 sx Premium Plus

Mixed at: 15.6 ppg
Yield: 1.19 ft³/sx

MUST CIRCULATE CEMENT TO SURFACE If the cement does **not** circulate to surface contact the UDOGM office for further instructions and remedial actions. Be prepared to top out with premium cement.

WOC A TOTAL OF 24 HOURS:

Wait 4 hours with the hydrostatic pressure of the displacement fluid in place, then cut off conductor and weld on a 13-5/8" 5M x 13-3/8" SOW casing head. NU a 13-5/8" 5M (minimum) triple ram BOP w/ 5M annular and 5M (minimum) choke manifold rigged to mud/gas separator, mud tanks and flare pit.

SECTION 2 - PRODUCTION CASING HOLE: **2000' – 12620'**

Drill out shoe plus 20 ft of formation. Perform casing seat integrity test to 11ppg equivalent. Drill an 8-3/4" hole (directional control for straight hole drilling) with either a PDC or tricone bit, mud motor, MWD & BHA equipment to approximately 6600' or the top of the Blue Gate Shale using a fresh water based mud system. Loss circulation may be problematic in this interval. The Castlegate and Blackhawk formations are potential lost circulation zones at 4000-4500. As a contingency and if required, this section can be opened for a 9-5/8" protective string. Below 6600' begin filtrate control to 6-8cc to TD.

PRESSURE CONTROL AND SAFETY EQUIPMENT FOR **PRODUCTION CASING HOLE**

Bottom to Top (see attached 10M BOP diagram)

Note: Rig has 10M ram preventers available however well design requires only 5M equipment – BOPE will be utilized & tested to 5000 psi.

13-5/8" 5M x 13-3/8" SOW casing head w/ (2) 2-1/16" SSO's
13-5/8" 5M x 13-5/8" 10M spacer spool
13-5/8" 10M single ram BOP w/ pipe rams
13-5/8" 10M x 13-5/8" 10M mud cross with (2) side outlets:
 one outlet 4" kill line
 one outlet 4" choke line
13-5/8" 10M double ram BOP w/ 5" pipe rams top & CSO rams btm
13-5/8" 5M Annular Preventer
13-5/8" 5M rotating head

Connect BOP to 10M choke manifold with pressure gauge
Upper kelly cock valves with handles available
Safety valves and subs to fit all drill string connections in use
Inside BOP or float sub available

Testing Procedure:

Annular Preventer

The annular preventer will be pressure tested to 2500 psi for a period of ten minutes or until provisions of the test are met, whichever is longer. At a minimum, the pressure test will be performed:

- 1) When the annular is initially installed
- 2) Whenever any seal subject to test pressure is broken
- 3) Following related repairs and at 30 day intervals

The annular preventer will be functionally operated once per week.

Blowout Preventer

The BOP, choke manifold and related equipment will be pressure tested to 5000 psi. Pressure will be maintained for a period of at least ten minutes or until the requirements of the test are met, whichever is longer. At a minimum the pressure test will be performed:

- 1) When the BOP is initially installed
- 2) Whenever any seal subject to test pressure is broken
- 3) Following related repairs and at 30 day intervals

The pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills will be recorded in the IADC driller's log.

Accumulator:

The accumulator will have sufficient capacity to open the hydraulically controlled gate valve (if so equipped), close all rams plus the annular preventer, and retain a minimum of 200 psig above pre-charge on the closing manifold without the use of the closing unit pumps. The reservoir capacity will be double the accumulator capacity, and the fluid level will be maintained at the manufacturer's recommendations. The accumulator shall have two (2) independent power sources to close the preventers. Nitrogen bottles may be one of the independent power sources and, if so, shall maintain a charge equal to the manufacturer's specifications.

The accumulator pre-charge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six months thereafter. The accumulator pressure will be corrected if the measured pre-charge pressure is found to be above or below the maximum or minimum limits specified in Onshore Oil & Gas Order Number 2 (only nitrogen gas may be used to pre-charge).

Choke Manifold Equipment, Valves and Remote Controls

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration

A valve will be installed in the closing line as close as possible to the annular preventer to act as a locking device. This valve will be maintained in the open position and will be closed only when the power source for the accumulator is inoperative.

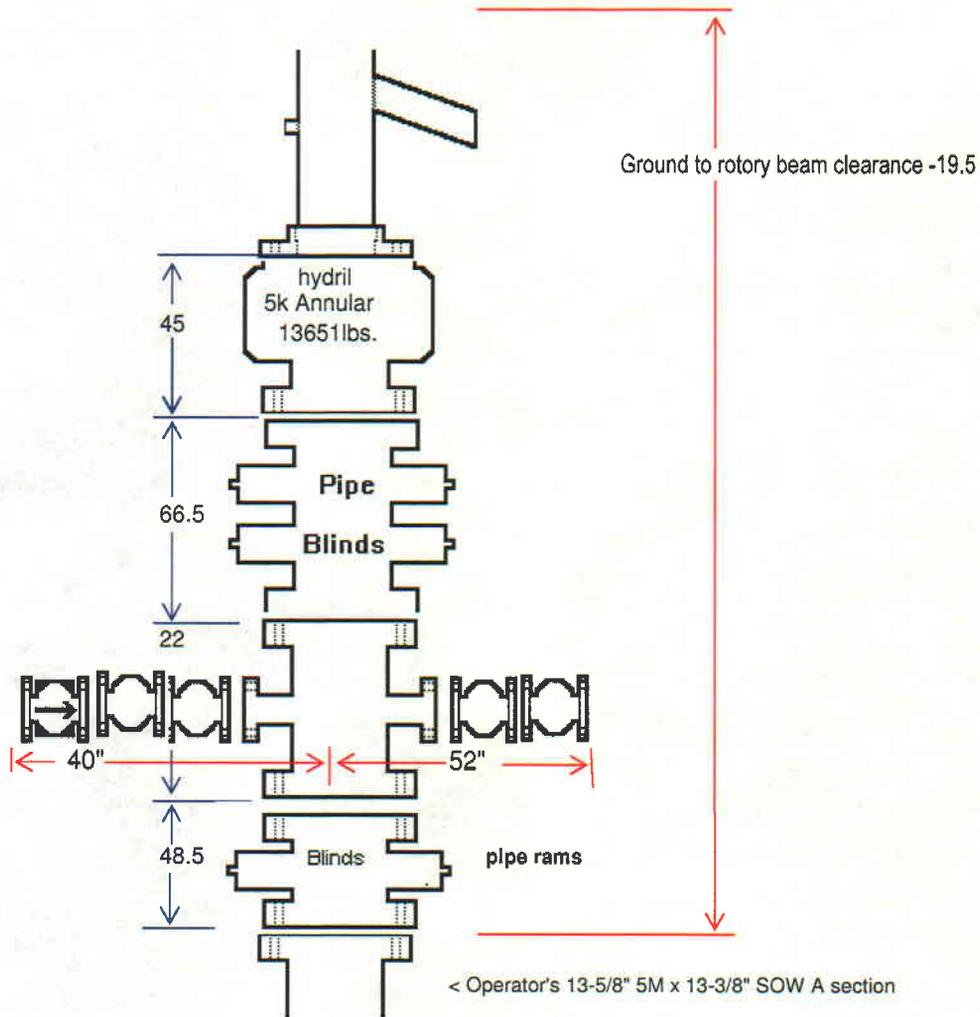
Remote controls shall be readily accessible to the driller. Remote controls will be capable of both opening and closing all preventers. Master controls will be at the accumulator and will be capable of opening and closing all preventers and the choke line valve (if so equipped).

The choke manifold and BOP extension rods with hand wheels will be located outside the rig sub structure. The hydraulic BOP closing unit will be located at least twenty-five feet from the well head but readily accessible to the driller.

A flare line will be installed after the choke manifold, extending 100 feet from the center of the drill hole to a separate flare pit.

WOLVERINE MILBURN 1-25

13 5/8" 10M Blowout Preventer Stack Arrangement
 Operator: Wolverine Gas & Oil Company of Utah, LLC
 Contractor: SST Rig # 68



Item	Manufacturer	Type	Serial#	Height (in)	Weight (lbs)	
Annular	shaffer	bolted cover		45.0	13,651	
Double ram	Shaffer	SL		66.5	25,365	
Mud cross		4" 10M		24.0	2,650	in >ft
Single ram	Shaffer	SL		48.5	15,295	15.3
total				184.0	56,961	

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AFFIDAVIT

STATE OF UTAH)
) ss: ACKNOWLEDGMENT
COUNTY OF SEVIER)

-In the matter of the proposed Wolverine Milburn 25-1 well:

I, Charlie Irons, being a resident of Sevier County, Utah, and an employee of Wolverine Gas and Oil Corporation in its Richfield Field Office, do hereby depose and say that on August 24, 2006, I met onsite with Susan Harding, who was representing Hidden Springs Retreat, LLC, for the purpose of coming to terms on a Surface Use Agreement for the location and construction of a drilling pad and access road on and across the following described lands:

Sanpete County, Utah
Township 12 South, Range 4 East, Salt Lake Base & Meridian
Section 25: SW4SW4 Parcel #20206

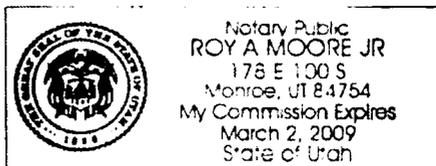
During our meeting Mrs. Harding informed me that although she has executive power for the LLC, the final word on any agreement would need to come from her mother, Janet O. Stratton. Mrs. Stratton was out of town at that time. I spoke to Mrs. Harding by telephone on September 5, 2006, and she said her intention was to show the location to Mrs. Stratton on the following weekend.

I know of no issues that would prevent the parties from coming to terms on a Surface Use Agreement.

Charlie Irons
Charlie Irons, Affiant

SWORN TO AND SUBSCRIBED before me, this 5th day of September, 2006.

Roy A. Moore, Jr.
Roy A. Moore, Jr., Notary Public



CONFIDENTIAL

229342

25-12-4E-4

26-12-4E-9

26-12-4E-9

11/15/01

(2)

Recorded at Request of Worley, Snow, & Christensen July 29, 1975

at 8:20 AM. Fee Paid \$ 4.00 Jackson Waslass County Recorder

by Marilyn Anderson Dep. Book 178 Page 131-132 Ref.:

Mail tax notice to David W. Slagle Address 701 Continental Bank Building
Salt Lake City, Utah 84101

GRANTOR'S [Signature]
GRANTEES [Signature]

QUIT-CLAIM DEED

BEULAH BILLS SLAGLE grantor
of Salt Lake City, County of Salt Lake, State of Utah, hereby
QUIT-CLAIMS to **DAVID W. SLAGLE and D. JAMES CROFT** as Trustees

of Salt Lake City, Salt Lake County, State of Utah grantee
for the sum of
TEN (\$10.00) DOLLARS,
and other good and valuable consideration
the following described tract of land in San Pete County,
State of Utah:

SEE EXHIBIT A ATTACHED

To be held by said Trustees pursuant to the terms of an unrecorded
Trust Agreement dated May 22nd 1975, creating a trust commonly
known as the **BILLS FAMILY TRUST**.

WITNESS the hand of said grantor, this 29th day of
May, A. D. one thousand nine hundred and seventy-five

Signed in the presence of

[Signature: Beulah Bills Slagle]

STATE OF UTAH, } ss.
County of Salt Lake

On the 29th day of May A. D. one
thousand nine hundred and seventy-five personally appeared before me
BEULAH BILLS SLAGLE

the signer of the foregoing instrument, who duly acknowledge to me that s he executed the
same.

NOTARY PUBLIC
My commission expires 11-22-79

[Signature] Notary Public.
Address: Salt Lake City, Utah

137 A

EXHIBIT A

Commencing at the Northeast corner of Section 26, Township 12 South, Range 4 East of the Salt Lake Meridian; thence running West 60 chains; thence South 80 chains; thence East 80 chains; thence North 20 chains; thence East 40 chains; thence South 20 chains; thence East 20 chains; thence North 40 chains; thence West 80 chains; thence North 40 chains to the place of beginning, containing 720 acres, more or less.

Also, beginning at the Northwest corner of Section 36, Township 12 South, Range 4 East of the Salt Lake Meridian, and running 169 rods East; thence South 20 feet; thence West 169 rods; thence North 20 feet to beginning, containing 1.25 acres, a right-of-way.

Excepting therefrom that parcel lying South of the county road more particularly described as follows:

Commencing at the Southeast corner of Section 25, Township 12 South, Range 4 East, Salt Lake Base and Meridian; thence West along a fence line 1151.46 feet; thence North $52^{\circ}24'30''$ East along a fence line and the Southeasterly boundary of a road 1403.70 feet; thence South $72^{\circ}10'36''$ East along a fence line 80.89 feet; thence South $00^{\circ}10'36''$ East along a fence line 831.58 feet; thence West along a fence line 45.28 feet to the point of beginning. Containing 12.496 acres more or less.

Also excepting and reserving unto Trustor all right, title and interest in and to any and all minerals, sulphur, geothermal energy of any type, coal, oil and gas and other hydrocarbons. Said reservation and exception includes, but is not limited to, rights of ingress and egress, extralateral rights, the right to sink shafts, run drifts, drill or otherwise explore, necessary easements for access roads and transmission lines and any and all additional and necessary rights recognized under the common or statutory law as being reasonably necessary for the efficient and economical extraction of the aforesaid commodities.

L-2771

AMENDMENT OF LEASE DESCRIPTION

WHEREAS, the BEULAH BILLS SCHOFIELD, AKA BEULAH BILLS SLAGLE, INDIVIDUALLY AND AS TRUSTOR AND TRUSTEE OF THE BILLS FAMILY TRUST DATED MAY 29, 1975, as Lessor (hereinafter "LESSOR"), under date of February 1, 2004, executed and delivered to DOLAR ENERGY, LLC, as Lessee (hereinafter "LESSEE"), an oil and gas lease recorded in Book 489, at Page 467, of the Recorders Office of Sanpete County, State of Utah, covering certain land situated in the County and State, said land being more particularly described in said lease, reference to said lease and to the record thereof being here made for all purposes;

AND WHEREAS, the description as contained in said lease is, or may be, erroneous, incomplete or indefinite. This Amendment of Lease Description pertains to that portion of the above-referenced lease described as:

Township 12 South Range 4 East, Section 25:

N2N2, SWSW, SESE

Ent 137416 Bk 532 Pg 1568
Date: 25-JUL-2006 1:46PM
Fee: \$14.00 Check
Filed By: KEH
REED D HATCH, Recorder
SANPETE COUNTY CORPORATION
For: WOLVERINE GAS AND OIL
25-12-4E

NOW BEING CORRECTED TO READ:

Township 12 South Range 4 East, Section 25:

N2S2, SWSW, SESE

NOW, THEREFORE, in consideration of the premises, the mutual benefits to be derived herefrom, and the covenants, agreements, and obligations stipulated in said lease, the parties hereto agree as follows:

1. Said lease shall be, and hereby is, amended to include therein all of the above described in lieu of the land originally described in said lease.
2. Said lease, as hereby amended, is now a valid and subsisting lease upon and covering the land above described, and LESSOR hereby leases, lets, and demises said land unto LESSEE under and subject to the terms and provisions of said lease as hereby amended, hereby releasing and waiving all rights of dower and homestead in said lands insofar as the same may in any way affect the purposes hereof.
3. This instrument shall be fully binding upon and effective as to the interest of LESSOR without regard to the execution, or lack of execution, by any other person whomsoever, and the provisions hereof shall constitute covenants running with the land and leasehold estate and shall be binding upon and inure to the benefit of the respective heirs, personal representatives, successors and assigns of the parties hereto.

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IN WITNESS WHEREOF, this instrument is duly signed as of the day and year first above written.

BEULAH BILLS SCHOFIELD, AKA BEULAH BILLS SLAGLE,
INDIVIDUALLY AND AS TRUSTOR AND TRUSTEE OF
THE BILLS FAMILY TRUST DATED MAY 29, 1975

Beulah Bills Schofield

STATE OF UTAH)
COUNTY OF Salt Lake)

ss:

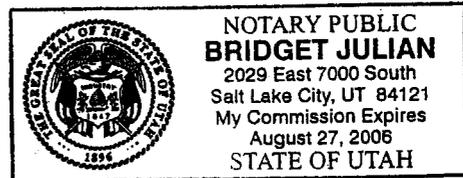
The foregoing instrument was acknowledged before me this 4 day of April 2006 2006, by BEULAH BILLS SCHOFIELD, AKA BEULAH BILLS SLAGLE, INDIVIDUALLY AND AS TRUSTOR AND TRUSTEE OF THE BILLS FAMILY TRUST DATED MAY 29, 1975

My commission expires:

8-27-06

Bridget Julian, Notary Public

Salt Lake County, Utah



Prepared by and return to: Sue Benson, 55 Campau NW, Grand Rapids, MI 49503

WOLVERINE GAS AND OIL CORPORATION



By: S. J. Jansma, Jr.
Its: President

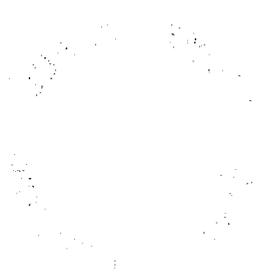
STATE OF MICHIGAN)
)
COUNTY OF KENT) ss:

The foregoing instrument was acknowledged before me this 1st day of June, 2006, by S. J. Jansma, Jr., President of Wolverine Gas and Oil Corporation, a Michigan corporation, on behalf of the corporation.

My commission expires:
12/11/2012



Sue A. Benson
Notary Public, Kent County, Michigan



CONFIDENTIAL

25-12-4E

L-2771

OIL AND GAS LEASE

Producers 88 (DOP) 2/94

THIS AGREEMENT is made and entered into as of the 1st day of February, 2004, by and between **BEULAH BILLS SCHOFIELD**, aka **BEULAH BILLS SLAGLE**, individually and as Trustor and Trustee of the **BILLS FAMILY TRUST**, dated May 29, 1975, whose address is 6517 South 1660 East, Salt Lake City, Utah 84121 hereinafter called Lessor (whether one or more) and **DOLAR ENERGY, L.L.C.**, whose address is 935 East South Union Avenue, Suite D 202, Midvale, Utah 84047, hereinafter called Lessee:

WITNESSETH: that Lessor, for and in consideration of Ten or more DOLLARS (\$10.00+) in hand paid, receipt of which is hereby acknowledged, and of the agreements of Lessee hereinafter set forth, hereby grants, demises, leases and lets exclusively unto said Lessee, Lessor's interest in and to the lands hereinafter described for the purpose of prospecting, exploring by geophysical and other methods drilling, mining operating for and producing oil or gas, or both, including, but not as a limitation, casing head gas, casing head gasoline, gas-condensate (distillate), gas producible from coal-bearing formations, and any substance, whether similar or dissimilar, produced in a gaseous state, all associated hydrocarbons produced in a liquid or gaseous form, all sulfur, and for injecting water and other fluids, gas, air, and other gaseous substances into subsurface strata, together with the right to construct and maintain pipe lines, telephone and electric lines, tanks, powers, ponds, roadways, plants, equipment, and structures thereon to produce, save and take care of said oil and gas, and the exclusive right to inject air, gas, water, brine and other fluids from any source into the subsurface strata and any and all other rights and privileges necessary, incident to, or convenient for the economical operation of said land, alone or co-jointly with neighboring land, for the production, saving and taking care of oil and gas and the injection of air, gas, water, brine, and other fluids into the subsurface strata, said being situated in the Sanpete of Carbon, State of Utah, and being described as follows, to-wit:

Township 12 South, Range 4 East, SLM
Section 25: N $\frac{1}{2}$ N $\frac{1}{2}$, SW $\frac{1}{4}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$ SE $\frac{1}{4}$

together with Lessor's interest, if any, in and to all strips, parcels of land and riparian rights adjoining or contiguous to the above described tracts of land, and owned or claimed by Lessor and containing 240.00 acres, more or less.

1. It is agreed that lease shall remain in force for a term of Five (5) years from this date and as long hereafter as oil or gas of whatsoever nature or kind is produced from said leased premises or on acreage pooled therewith, or drilling operations are continued as hereinafter provided. If, at the expiration of the primary term of this lease, oil or gas is not being produced on the leased premises or on acreage pooled therewith but Lessee is then engaged in drilling or re-working operations thereon, then this lease shall continue in force so long as operations are being continuously prosecuted on the leased premises or on acreage pooled therewith; and operations shall be considered to be continuously prosecuted if not more than ninety (90) days shall elapse between the completion or abandonment of one well and the beginning of operations for the drilling of a subsequent well. If after discovery of oil or gas on said land or on acreage pooled therewith, the production thereof should cease from any cause after the primary term, this lease shall not terminate if Lessee commences additional drilling or re-working operations within ninety (90) days from date of cessation of production or from date of completion of a dry hole. If oil or gas shall be discovered and produced as a result of such operations at or after the expiration of the primary term of this lease, this lease shall continue in force so long as oil or gas is produced from the leased premises or on acreage pooled therewith.

2. This is a PAID-UP LEASE. In consideration of the down cash payment, Lessor agrees that Lessee shall not be obligated, except as otherwise provided herein, to commence or continue any operations during the primary term. Lessee may at any time or times during or after the primary term surrender this lease as to all or any portion of said land and as to any strata or stratum by delivering to Lessor or by filing for record a release or releases, and be relieved of all obligation thereafter accruing as to the acreage surrendered. Consideration paid herein shall constitute a bonus consideration payment of one fifth the total amount paid, and four annual rental payments equal to the bonus consideration paid.

3. In consideration of the premises the said Lessee covenants and agrees:

1st. To deliver to the credit of Lessor, free of cost, in the pipe line to which Lessee may connect wells on said land, the equal of one-eighth (1/8th) of all oil produced and saved from the leased premises.

2nd. To pay Lessor one-eighth (1/8th) of the gross proceeds each year, payable monthly, for the gas from each well where gas only is found, while the same is being used off the premises or in the manufacture of gasoline or any other product a royalty of one-eighth (1/8th) payable monthly at the prevailing market rate for gas.

3rd. To pay Lessor for gas produced from any oil well and used off the premises or in the manufacture of gasoline or any other product a royalty of one-eighth (1/8th) of the proceeds, at the mouth of the well, payable monthly at the prevailing market rate.

4. Where gas from a well capable of producing gas is not sold or used, Lessee may pay or tender as royalty to the royalty owners One Dollar per year net royalty acre retained hereunder, such payment or tender to be made on or before the anniversary date of this lease next ensuing after the expiration of 90 days from the date such well is shut in and thereafter on or before the anniversary date of this lease during the period such well is shut in. If such payment or tender is made, it will be considered that gas is being produced within the meaning of this lease.

5. If said Lessor owns a less interest in the above described land than the entire and undivided fee simple estate therein, then the royalties (including any shut-in gas royalty) herein provided for shall be paid the Lessor only in the proportion which Lessor's interest bears to the whole and undivided fee.

6. Lessee shall have the right to use, free of cost, gas, oil and water produced on said land for Lessee's operation thereon, except water from the wells of Lessor.

7. When requested by Lessor, Lessee shall bury Lessee's pipe line below plow depth.

8. No well shall be drilled nearer than 200 feet to houses, barns, or other facilities, including Lessor's water facilities now on said premises without written consent of Lessor.

9. Lessee shall pay for damages caused by Lessee's operations to growing crops on said land.

10. Lessee shall have the right at any time to remove all machinery and fixtures placed on said premises, including the right to draw and remove casing.

11. The rights of Lessor and Lessee hereunder may be assigned in whole or part. No change in ownership of Lessor's interest (by assignment or otherwise) shall be binding on Lessee until Lessee has been furnished with notice, consisting of certified copies of all recorded instruments or documents and other information necessary to establish a complete chain of record title from Lessor, and then only with respect to payments thereafter made. No other kind of notice, whether actual or constructive, shall be binding on Lessee. No present or future division of Lessor's ownership as to different portions or parcels of said land shall operate to enlarge the obligations or diminish the rights of Lessee, and all Lessee's operations may be conducted without regard to any such division. If all or any part of this lease is assigned, no leasehold owner shall be liable for any act or omission of any other leasehold owner.

12. Lessee, at its option, is hereby given the right and power at any time and from time to time as a recurring right, either before or after production, as to all or any part of the land described herein and as to any one or more of the formations hereunder, to pool or unitize the leasehold estate and the mineral estate covered by this lease with other land, lease or leases in the immediate vicinity for the production of oil and gas, or separately for the production of either, when in Lessee's judgment it is necessary or advisable to do so, and irrespective of whether authority similar to this exists with respect to such other land, lease or leases. Likewise, units previously

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formed to include formations not producing oil or gas, may be reformed to exclude such non-producing formations. The forming or reforming of any unit shall be accomplished by Lessee executing and filing of record a declaration of such unitization or reformation, which declaration shall describe the unit. Any unit may include land upon which a well has theretofore been completed or upon which operations for drilling have theretofore been commenced. Production, drilling or reworking operations or a well shut in for want of a market anywhere on a unit which includes all or a part of this lease shall be treated as if it were production, drilling or reworking operations or a well shut in for want of a market under this lease. In lieu of the royalties elsewhere herein specified, including shut-in gas royalties, Lessor shall receive on production from the unit so pooled royalties only on the portion of such production allocated to this lease and such allocation shall be that proportion of the unit production that the total number of surface acres covered by this lease and included in the unit bears to the total number of surface acres in such unit. In addition to the foregoing, Lessee shall have the right to unitize, pool, or combine all or any part of the above described lands as to one or more of the formations there under with other lands in the same general area by entering into a cooperative or unit plan of development or operation approved by any governmental authority and, from time to time, with like approval, to modify, change or terminate any such plan or agreement and, in such event, the terms, conditions and provisions of this lease shall be deemed modified to conform to the terms, conditions, and provisions of such approved cooperative or unit plan of development or operation and, particularly, all drilling and development requirements of this lease, express or implied, shall be satisfied by compliance with the drilling and development requirements of such plan or agreement, and this lease shall not terminate or expire during the life of such plan or agreement. In the event that said above described lands or any part thereof, shall hereafter be operated under any such cooperative or unit plan of development or operation whereby the production there from is allocated to different portions of the land covered by said plan, then the production allocated to any particular tract of land shall, for the purpose of computing the royalties to be paid hereunder to Lessor, be regarded as having been produced from the particular tract of land to which it is allocated and not to any other tract of land; and the royalty payments to be made hereunder to Lessor shall be based upon production only as so allocated. Lessor shall formally express Lessor's consent to any cooperative or unit plan of development or operation adopted by Lessee and approved by any governmental agency by executing the same upon request of Lessee.

13. All express or implied covenants of this lease shall be subject to all Federal and Utah State Laws, Executive Orders, Rules or Regulations, and this lease shall not be terminated, in whole or in part, nor Lessee held liable in damages, for failure to comply therewith, if compliance is prevented by, or if such failure is the result of, any such Law, Order, Rule or Regulation.

14. Lessor hereby warrants and agrees to defend the title to the lands herein described, and agrees that the Lessee shall have the right at any time to redeem for Lessor, by payment, any mortgages, taxes or other liens on the above described lands, in the event of default of payment by Lessor and be subrogated to the rights of the holder thereof, and the undersigned Lessor, for herself and her heirs, successors and assigns, hereby surrender and release all right of dower and homestead in the premises described herein, insofar as said right of dower and homestead may in any way affect the purposes for which this lease is made, as recited herein.

15. Should any one or more of the parties herein above named as Lessor fail to execute this lease, it shall nevertheless be binding upon all such parties who do execute it as Lessor. The word "Lessor," as used in this lease shall mean any one or more or all of the parties who execute this lease as Lessor. All the provisions of this lease shall be binding on the heirs, successors and assigns of Lessor and Lessee.

IN WITNESS WHEREOF, this instrument is executed as of the date first above written.

Beulah Bills Schofield
BEULAH BILLS SCHOFIELD, aka BEULAH BILLS SLAGLE, individually and as Trustor and Trustee of the **BILLS FAMILY TRUST**, dated May 29, 1975

Tax ID No. 529-22-2977

INDIVIDUAL NOTARY

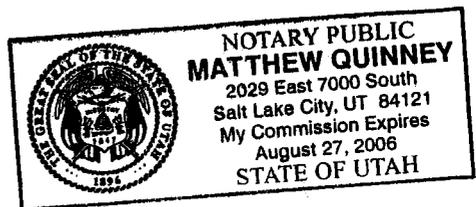
STATE OF UTAH)
) ss.
 COUNTY OF SALT LAKE)

BEFORE ME, the undersigned authority, on this day personally appeared, between **BEULAH BILLS SCHOFIELD**, aka **BEULAH BILLS SLAGLE**, individually and as Trustor and Trustee of the **BILLS FAMILY TRUST**, dated May 29, 1975, known to me to be the person(s) whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same for the purposes and consideration therein expressed.

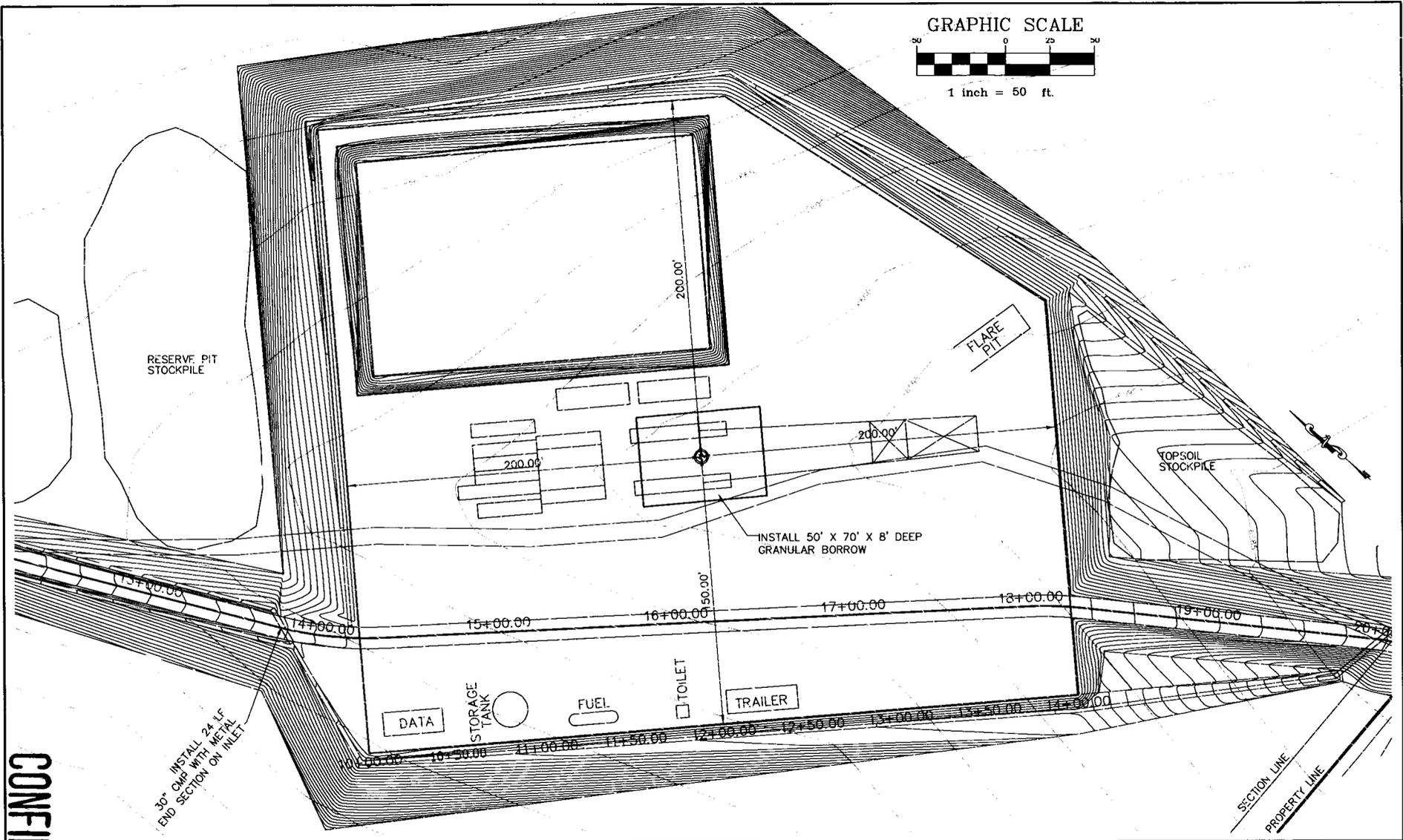
GIVEN UNDER MY HAND AND SEAL OF OFFICE THIS 5th day of February, 2004.

[Signature]
 Notary Public

My commission expires: 8/27/06



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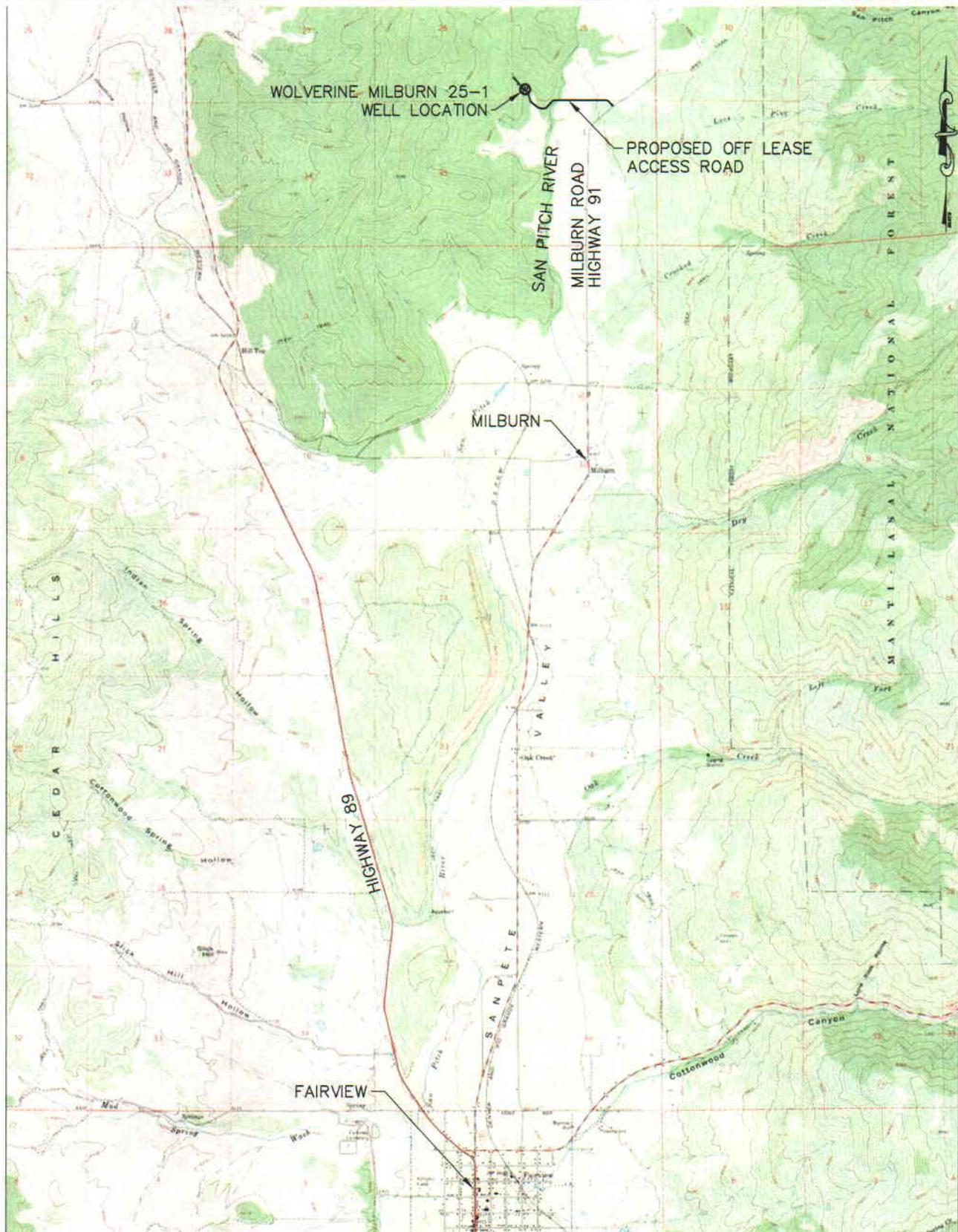


Savage Surveying, Inc.
 Ryan W. Savage, PLS
 PO Box 892
 275 S. 800 W.
 Richfield, UT 84701
 Home: 435-906-8635
 Fax: 435-906-8631
 Cell: 435-265-1345



WOLVERINE MILBURN 25-1
 WOLVERINE OPERATING COMPANY OF UTAH, LLC

ENGINEER T.M.	SCALE 1" = 50'	SHEET NO.
CHECKED R.W.S.	PROJ. 0607-011S DWG. NM-PAD DESIGN	2
DRAWN R.W.S.	DATE 08/29/06	



Savage Surveying, Inc.

Ryan W. Savage, PLS
 PO Box 892
 275 S 800 W
 Richfield, Ut 84701
 Home: 435-896-8635
 Fax: 435-896-8635
 Cell: 435-201-1345



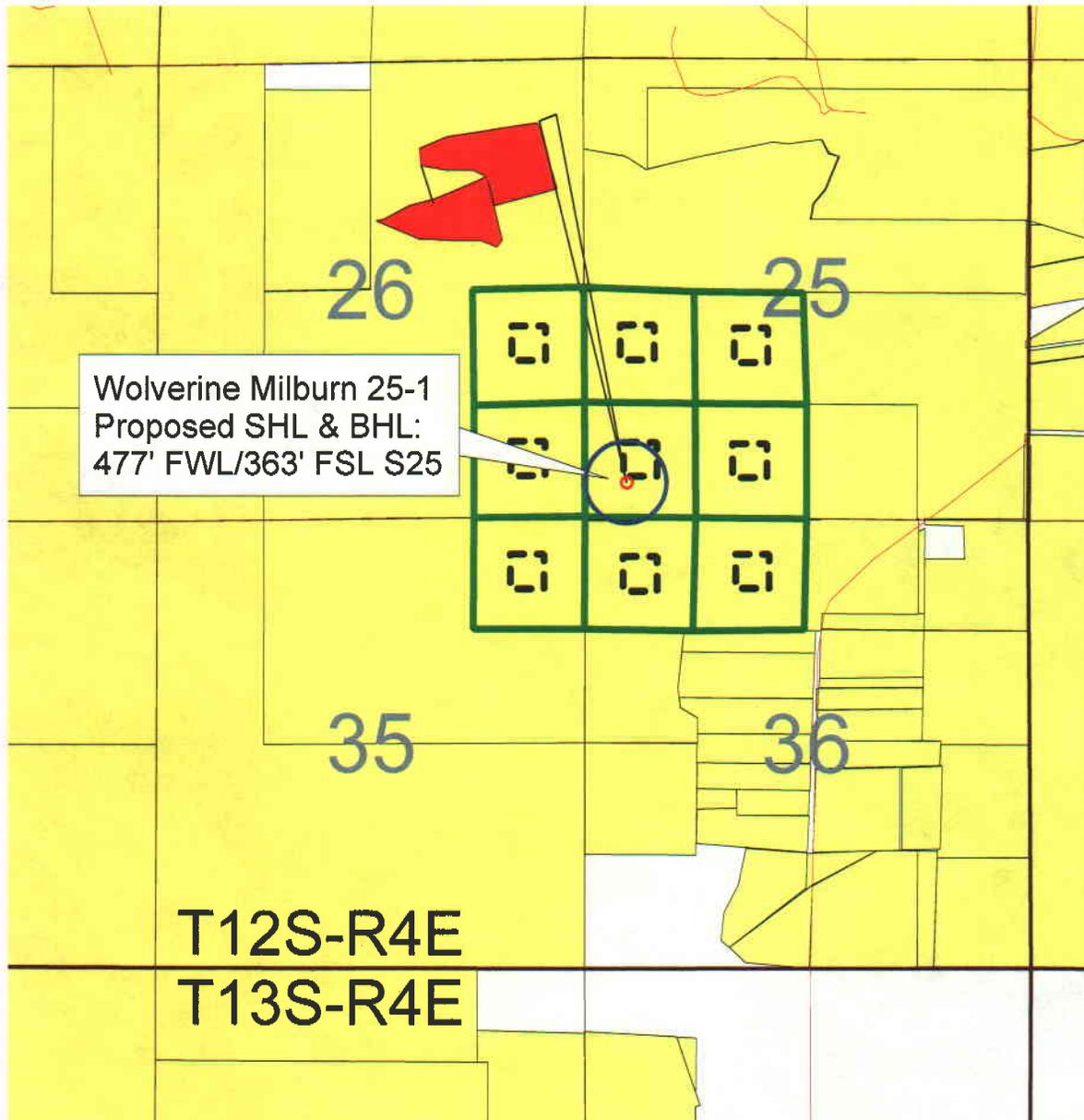
VICINITY MAP FOR WOLVERINE MILBURN 25-1

WOLVERINE OPERATING COMPANY OF UTAH, LLC

DESIGNED BY: T.M.	DRAWING NAME VICINITY	SCALE 1" = 5000'	DATE 8/20/06	PROJECT NUMBER 0607-011S	SHEET NUMBER 1
SURVEYED BY: T.K.S.	CHECKED BY: R.W.S.	DRAWN BY: R.W.S.			

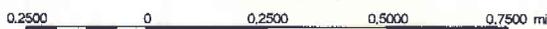
CONFIDENTIAL

Exception Location and Ownership Plat



-  460 ft. Radius
-  R649-3-2 Window
-  Wolverine Lease

1 inch = 2000 feet



	<p>Wolverine Operating Company of Utah, LLC <i>Energy Exploration in Partnership with the Environment</i> ONE RIVERFRONT PLAZA 25 CAMPAN, N.W. GRAND RAPIDS, MI 49503-2816 (616) 458-1150</p>
<p>WOLVERINE MILBURN 25-1 Proposed Location Sec. 25, T12S, R4E Sanpete County, UT</p>	
<p>Date: 9/5/2006</p>	<p>Map gmp:milburn competitor</p>

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**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 09/07/2006

API NO. ASSIGNED: 43-039-30035

WELL NAME: WOLVERINE MILBURN 25-1
 OPERATOR: WOLVERINE GAS & OIL CO (N1655)
 CONTACT: ELLIS PETERSON

PHONE NUMBER: 616-458-1150

PROPOSED LOCATION:

SWSW 25 120S 040E
 SURFACE: 0363 FSL 0477 FWL
 BOTTOM: 0363 FSL 0477 FWL
 COUNTY: SANPETE
 LATITUDE: 39.74064 LONGITUDE: -111.4320
 UTM SURF EASTINGS: 462988 NORTHINGS: 4398851
 FIELD NAME: WILDCAT (1)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DKD	4/16/06
Geology		
Surface		

LEASE TYPE: 4 - Fee
 LEASE NUMBER: FEE
 SURFACE OWNER: 4 - Fee

PROPOSED FORMATION: DKTA
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

- Plat
- Bond: Fed[] Ind[] Sta[] Fee[]
(No. B001849)
- Potash (Y/N)
- Oil Shale 190-5 (B) or 190-3 or 190-13
- Water Permit
(No. 65-2256)
- RDCC Review (Y/N)
(Date: 10/03/2006)
- Fee Surf Agreement (Y/N)
- Intent to Commingle (Y/N)

LOCATION AND SITING:

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

COMMENTS:

Needs Presto (10-16-06)

STIPULATIONS:

- 1- Spacing Strip
- 2- STATEMENT OF BASIS
- 3- Surface Csg Cont Strip
- 4- Cement Strip # 3A - (5 1/2" production, ± 1800' MD, Mineral bearing formations from the Emer y formation and below and the freshwater formations above the upper Blue Gate formation.)

T12S R4E

T12S R5E

23

24

19

26

25

30

35

36

31

WOLVERINE
MILBURN 25-1
⊙

FEE 24-2

OPERATOR: WOLVERINE OPER CO (N1655)

SEC: 25 T.12S R. 4E

FIELD: WILDCAT (001)

COUNTY: UINTAH

SPACING: R649-3-3 / EXCEPTION LOCATION

- Field Status**
- ⬛ ABANDONED
 - ⬜ ACTIVE
 - ▤ COMBINED
 - ▥ INACTIVE
 - ▧ PROPOSED
 - ▨ STORAGE
 - ▩ TERMINATED

- Unit Status**
- ⬜ EXPLORATORY
 - ▤ GAS STORAGE
 - ▥ NF PP OIL
 - ▧ NF SECONDARY
 - ▨ PENDING
 - ▩ PI OIL
 - PP GAS
 - ▬ PP GEOTHERML
 - ▭ PP OIL
 - ▮ SECONDARY
 - ▯ TERMINATED

- Wells 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
 - ⊙ DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 18-SEPTEMBER-2006

Application for Permit to Drill

Statement of Basis

10/30/2006

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
102	43-039-30035-00-00			P	No
Operator	WOLVERINE GAS & OIL CO UT	Surface Owner-APD			
Well Name	WOLVERINE MILBURN 25-1	Unit			
Field	UNDESIGNATED	Type of Work			
Location	SWSW 25 12S 4E S 0 FL 0 FL	GPS Coord (UTM) 462988E 4398851N			

Geologic Statement of Basis

According to agency geologic mapping of the area and the Operator's geologic prognosis, a well drilled at this location will likely spud into moderately permeable Quaternary/Tertiary coalesced alluvial fan deposits overlying the Green River Formation. The nearest past drilling in the area of this well location is nearly 6 miles WNW of the location in the next valley to the west. There are two other old wells about the same distance to the east. The proposed location is about 3/4 mile west of a mapped geologic feature on the Nephi 30X60 Geologic Quad (USGS Map I-1937, 1991) identified as the Fairview Diapiric Fold that lies in the north end of Sanpete Valley (east fork) and several miles west of the north end of the Gunnison Thrust. The location is about 1,100' west of the San Pitch River. This well is described as a Ferron Sandstone test. If the geologic prognosis is reasonably accurate then the proposed casing, cementing and drilling fluid programs should serve to afford protection to any quality water resources encountered above 6000' providing the cement is run to the surface for both the surface and production casing strings. Under the prognosticated geologic circumstances numerous zones of high quality water resources are likely to be encountered. Alternatively, if the geologic prognosis isn't accurate owing to Arapien Shale evaporite diapirism and the deletion of much of the Cretaceous section, then a plan should be in place for a conventional overthrust exploratory drilling experience with near surface Arapien Shale evaporites above Jurassic limestones and sandstones. Numerous underground water rights have been filed to the east, northeast and southeast of the proposed location with the deepest well documented drilled to 400'.

Chris Kierst
APD Evaluator

10/25/2006
Date / Time

Surface Statement of Basis

Proposed well is ~ 2.5 miles north of Milburn, Sanpete County, Utah. Location is staked on the west side of the San Pitch River ~1330'. Proposed access to the well site will come from Highway 91 (east of proposed well) and will cross the San Pitch River, for which a stream alteration permit will be required by the Div. Water Rights. Large variations in topography exist in the Sanpete valley. The elevation of the Sanpete valley floor ranges from 5,040 to 7,400 feet above sea level and the adjacent mountains rise to over 10,000 feet. Topography of the immediate area of the proposed well-site is an oak and cedar dominated hillside in the middle of the valley floor. Based on the pit evaluation ranking score a liner will be required in the reserve pit. Drainage diversion around the pad will be required, the operator has adequately addressed drainage diversion in the application to drill.

Mark Jones
Onsite Evaluator

10/16/2006
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 12 mils shall be properly installed and maintained in the reserve pit.
Surface	The reserve pit shall be fenced upon completion of drilling operations.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.

Application for Permit to Drill
Statement of Basis
Utah Division of Oil, Gas and Mining

10/30/2006

Page 2

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator WOLVERINE GAS & OIL CO UT
Well Name WOLVERINE MILBURN 25-1
API Number 43-039-30035-0 **APD No** 102 **Field/Unit** UNDESIGNATED
Location: 1/4,1/4 SWSW **Sec** 25 **Tw** 12S **Rng** 4E 0 FL 0 FL
GPS Coord (UTM) 462992 4398865 **Surface Owner**

Participants

Mark Jones (DOGM), Charlie Irons (Wolverine), Ryan Savage (Savage Surveying), Susan Harding, Jason Harding, and Janet Straton (Surface ownership).

Regional/Local Setting & Topography

Proposed well is ~ 2.5 miles north of Milburn, Sanpete, Utah. Location is staked on the west side of the San Pitch River ~1330'. Proposed access to the well site will come from Highway 91 (east of proposed well) and will cross the San Pitch River, for which a stream alteration permit will be required by the Div. Water Rights. Large variations in topography exist in the Sanpete valley. The elevation of the Sanpete valley floor ranges from 5,040 to 7,400 feet above sea level and the adjacent mountains rise to over 10,000 feet. Topography of the immediate area of the proposed well-site is an oak and cedar dominated hillside in the middle of the valley floor.

Surface Use Plan

Current Surface Use

Grazing
Recreational
Wildlife Habitat

New Road

Miles	Well Pad	Length	Src Const Material	Surface Formation
0.8	Width 350	400	Onsite	

Ancillary Facilities N

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

Oak, sagebrush, grass community

Soil Type and Characteristics

loamy clay

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required Y

drainage runs from west to east through the middle of the proposed location. Operator will implement culverts and drainage ditches to divert runoff away from the well pad.

Berm Required? N

Erosion Sedimentation Control Required? N

Paleo Survey Run? N **Paleo Potential Observed?** N **Cultural Survey Run?** N **Cultural Resources?** N

Reserve Pit

Site-Specific Factors		Site Ranking
Distance to Groundwater (feet)		
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	Mod permeability	10
Fluid Type	TDS>5000 and <10000	10
Drill Cuttings	Salt or Detrimental	10
Annual Precipitation (inches)	10 to 20	5
Affected Populations	<10	0
Presence Nearby Utility Conduits	Not Present	0
	Final Score	35
		1
		Sensitivity Level

Characteristics / Requirements

Dugout earthen (130' x 90' x 10').

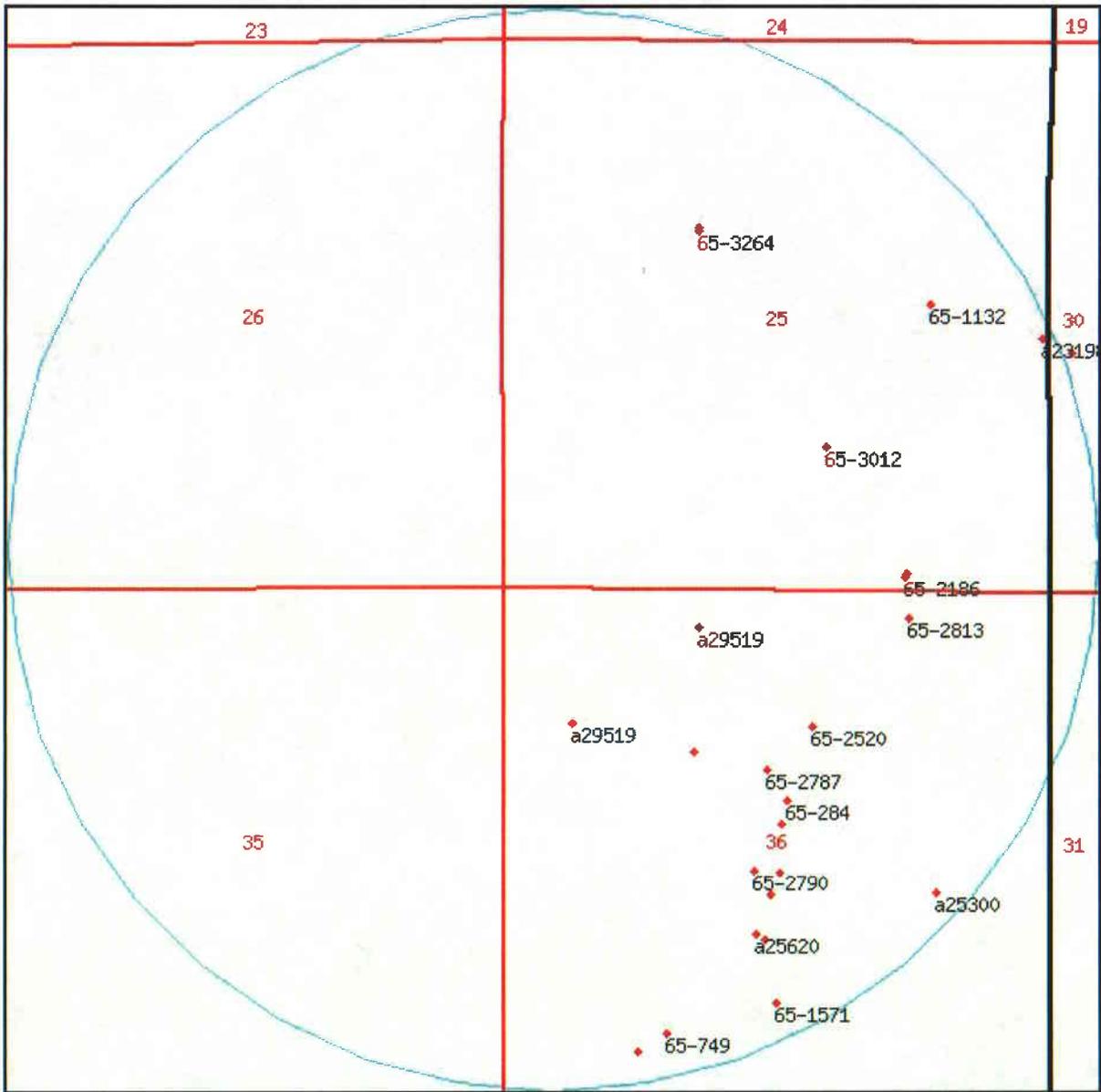
Closed Loop Mud Required? N **Liner Required?** Y **Liner Thickness** 12 **Pit Underlayment Required?** N

Other Observations / Comments

This is a split estate situation. The surface owners made the comment that they are not happy about the proposed well, but are not totally against it either. They are desirous to come to an agreement as far as surface use but an agreement had not been signed as of the date of the on-site evaluation. The concern of the surface owners is that the value of the property would possibly decrease due to the fact that a well has been drilled on the property. The access into the location will not be on the same surface ownership as the well location itself. A ROW has been established with the owner of the property that the access will be crossing.

Mark Jones
Evaluator

10/16/2006
Date / Time



0 700 1400 2100 2800 ft

Water Rights

WR Number	Diversions Type/Location	Well Log	Status	Priority	Uses	CFS	ACFT	Owner Name
65-1132	Underground N130 W1167 E4 25 12S 4E SL		P	18790000	I	1.000	0.000	SWEN O. NIELSON PROVO UT
65-1424	Underground N188 W1366 SE 25 12S 4E SL		P	19100000	DS	0.001	0.000	ROLIN TURPIN FAIRVIEW UT 84629
65-1571	Underground N1245 W12 S4 36 12S 4E SL		P	19140000	D	0.011	0.000	W. M. JENSEN RFD BOX 131
65-1753	Underground N2340 E210 SW 30 12S 5E SL		P	19760316	DIO	0.015	0.000	JEFFERY SPARKS MILBURN ROAD
65-1968	Underground N2340 E210 SW 30 12S 5E SL		P	19780307	DIO	0.012	0.000	JEFFERY SPARKS MILBURN ROAD
65-2186	Underground N158 W1392 SE 25 12S 4E SL		P	19810908	DIS	0.000	1.250	DOYLE H. HATFIELD 1169 NORTH 1600 EAST
65-2520	Underground S1300 W2287 NE 36 12S 4E SL	well info	P	19920504	DIS	0.015	1.312	ROBERT F. AN LORI A. OLSON R.R. 1 BOX 178
65-2536	Underground S2796 E2685 NW 36 12S 4E SL	well info	P	19921005	DIS	0.015	1.450	VAL & ALICIA HERMANSEN 7060 SOUTH 260 EAST
65-2537	Underground S2304 E2694 NW 36 12S 4E SL	well info	P	19921005	DIS	0.015	1.620	DAN A. HERMANSEN 1344 EAST 11400 SOUTH
65-2589	Surface S1860 W750 N4 25 12S 4E SL		P	18850000	I	0.143	0.000	BERT TUCKER UT
65-2654	Surface		P	1870	DIS	0.500	0.000	BRENT M. HERMANSEN

	S1600 E1850 NW 36 12S 4E SL						RR 1 BOX 180
65-2749	Underground	well info	P	20021101 DIS	0.000 1.330		DAVID R. HERMANSEN
	S2992 E2589 NW 36 12S 4E SL						528 WEST 2050 NORTH
65-2787	Underground	well info	P	19970312 DIS	0.000 1.080		BRENT M. HERMANSEN
	N866 E2552 W4 36 12S 4E SL						RR #1 BOX 180
65-2790	Underground	well info	U	19970331 DIS	0.000 1.480		VAL R. HERMANSEN
	S2768 E2429 NW 36 12S 4E SL						7060 SOUTH 260 EAST
65-2813	Underground	well info	P	1885 DIS	0.014 1.480		MITCHELL BRYCE AND KERRIE JEAN JACKSON
	S256 W1355 NE 36 12S 4E SL						RR 1 BOX 181
65-284	Underground		P	19551109 D	0.015 0.000		ELLA S. VANCE
	S2079 E2739 NW 36 12S 4E SL						FAIRVIEW UT 84629
65-3012	Surface		P	18820000 I	0.330 0.000		SAM D. BILLS
	N1400 E500 S4 25 12S 4E SL						FAIRVIEW UT 84629
65-3239	Surface		P	18820000 I	0.075 0.000		GEORGE STEWART
	N750 E1300 SW 36 12S 4E SL						UT
65-3242	Surface		P	18700000 I	1.750 0.000		KEVIN MADSEN
	N750 E1300 SW 36 12S 4E SL						1139 MOUND AVE
65-3254	Surface		P	18850000 I	0.050 0.000		GEORGIA JACKSON
	S1820 W750 N4 25 12S 4E SL						R.R. #1 BOX 184
65-3261	Surface		P	18850000 I	0.175 0.000		GEORGIA JACKSON
	S1860 W750 N4 25 12S 4E SL						R.R. #1 BOX 184

65-3262	Surface		P	18850000 I	0.063 0.000	GEORGIA JACKSON R.R. #1 BOX 184
	S1860 W750 N4 25 12S 4E SL					
65-3264	Surface		P	18850000 I	0.075 0.000	GEORGIA JACKSON R.R. #1 BOX 184
	S1860 W750 N4 25 12S 4E SL					
65-722	Underground		P	19220000 D	0.002 0.000	JOSEPH JENSEN FAIRVIEW UT 84629
	N1849 W130 S4 36 12S 4E SL					
65-749	Underground		P	19200000 IS	0.700 0.000	THE HAMILTON FAMILY TRUST WILLIAM M HAMILTON AND LUDENE A. HAMILTON, TRUSTEES
	N938 W1080 S4 36 12S 4E SL					
a23198	Underground	well info	A	19990412 DS	0.001 0.500	HAL D. AND KATHRYN D. ROBERTS 3244 W. 4800 S.
	S205 W80 E4 25 12S 4E SL					
a25300	Underground	well info	A	20010227 DS	0.003 0.500	JON C. NUTTALL R R 1 BOX 179
	S300 W1100 E4 36 12S 4E SL					
a25620	Underground	well info	A	20060801 DS	0.003 0.500	DAVID VERL NUTTALL 31355 NORTH 11500 EAST
	S750 E2450 W4 36 12S 4E SL					
a29519	Underground	well info	A	20041028 DIS	0.011 2.000	STANLEY B. AND MARY KAYE SMITH 362 NORTH 2000 WEST
	S1300 W1967 N4 36 12S 4E SL					
a29519	Underground	well info	A	20041028 DIS	0.011 2.000	STANLEY B. AND MARY KAYE SMITH 362 NORTH 2000 WEST
	S363 W737 N4 36 12S 4E SL					

STATE ACTIONS
Resource Development Coordinating Committee
Public Lands Policy Coordination Office
5110 State Office Building
SLC, UT 84114
Phone No. 537-9230

1. State Agency Oil, Gas and Mining 1594 West North Temple, Suite 1210 Salt Lake City, UT 84114-5801	2. Approximate date project will start: Upon Approval or October 2, 2006
3. Title of proposed action: Application for Permit to Drill	
4. Description of Project: Wolverine Operating Company of Utah, LLC proposes to drill the Wolverine Milburn 25-1 well (wildcat) on a Fee lease, Sanpete County, Utah. This action is being presented to the RDCC for consideration of resource issues affecting state interests. The Division of Oil, Gas and Mining is the primary administrative agency in this action and must issue approval before operations commence.	
5. Location and detailed map of land affected (site location map required, electronic GIS map preferred) (include UTM coordinates where possible) (indicate county) 363' FSL 477' FWL, SW/4 SW/4, Section 25, Township 12 South, Range 4 East, Sanpete County, Utah	
6. Possible significant impacts likely to occur: Surface impacts include up to five acres of surface disturbance during the drilling and completion phase (estimated for five weeks duration). If oil and gas in commercial quantities is discovered, the location will be reclaimed back to a net disturbance of between one and two acres – not including road, pipeline, or utility infrastructure. If no oil or gas is discovered, the location will be completely reclaimed.	
7. Identify local government affected a. Has the government been contacted? No. b. When? c. What was the response? d. If no response, how is the local government(s) likely to be impacted?	
8. For acquisitions of land or interests in land by DWR or State Parks please identify state representative and state senator for the project area. Name and phone number of state representative, state senator near project site, if applicable: a. Has the representative and senator been contacted? N/A	
9. Areawide clearinghouse(s) receiving state action: (to be sent out by agency in block 1) Six County Association of Governments	
10. For further information, contact: Diana Whitney Phone: (801) 538-5312	11. Signature and title of authorized officer  Gil Hunt, Associate Director Date: September 18, 2006

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

FORM 3

AMENDED REPORT
(highlight changes)

APPLICATION FOR PERMIT TO DRILL			5. MINERAL LEASE NO: Patented	6. SURFACE: Fee
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>			7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER <u>Wildcat</u> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>			8. UNIT or CA AGREEMENT NAME: N/A	
2. NAME OF OPERATOR: Wolverine Operating Company of Utah, LLC			9. WELL NAME and NUMBER: Wolverine Milburn 25-1	
3. ADDRESS OF OPERATOR: 55 Campau NW CITY Grand Rapids STATE MI ZIP 49503-2616 PHONE NUMBER: (616) 458-1150			10. FIELD AND POOL, OR WILDCAT: Undesignated Wildcat	
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 363' FSL, 477' FWL, SW/4 SW/4 AT PROPOSED PRODUCING ZONE: 363' FSL, 477' FWL, SW/4 SW/4			11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: 25 12S 4E S	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 2.5 miles north of Milburn, Utah			12. COUNTY: Sanpete	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 363'	16. NUMBER OF ACRES IN LEASE: 240	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: TBD		
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) None	19. PROPOSED DEPTH: 12,620	20. BOND DESCRIPTION: Blanket Surety B001849R12-22-05		
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 6605' GR	22. APPROXIMATE DATE WORK WILL START: 9/20/2006	23. ESTIMATED DURATION: 50 to 75 days		

24. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
30"	20" GrB 0.375" wall	120	see Drilling Plan
17-1/2"	13-3/8" J-55 68#	2,000	see Drilling Plan
8-3/4"	5-1/2" L-80 20#	12,620	see Drilling Plan

25. **ATTACHMENTS**

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

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

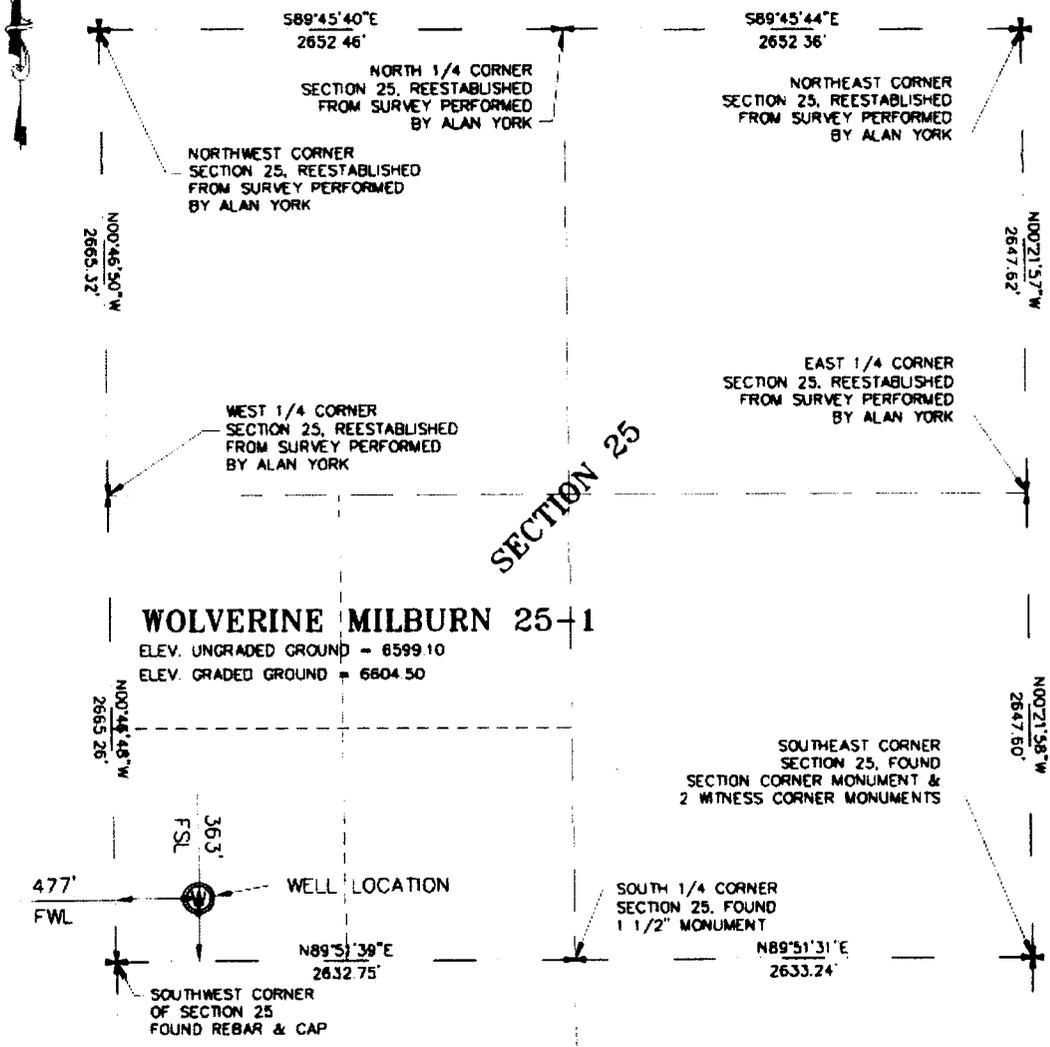
NAME (PLEASE PRINT) Ellis M. Peterson TITLE Sr. Production Engineer
SIGNATURE *Ellis M. Peterson* DATE 9/6/2006

(This space for State use only)

API NUMBER ASSIGNED: 43-039-30035

RECEIVED
SEP 07 2006
APPROVA **DIVISION OF OIL, GAS & MINING**
CONFIDENTIAL

SECTION 25, T. 12 S., R.4 E., S.L.B. & M.



PROJECT
WOLVERINE OPERATING COMPANY OF UTAH, LLC
 WELL LOCATION, LOCATED AS SHOWN IN THE
 SW ¼ OF THE SW ¼ OF SECTION 25, T.12 S.,
 R.4 E., S.L.B. & M., SANPETE COUNTY, UTAH

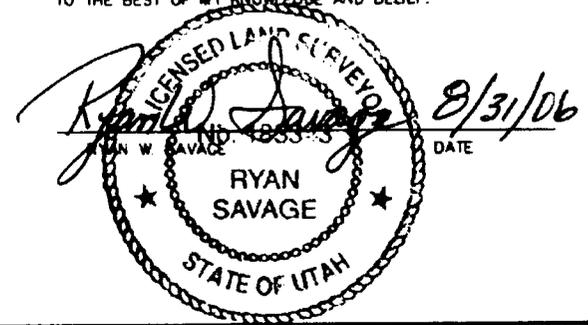
LEGEND

 SECTION CORNER AS NOTED
 QUARTER CORNER AS NOTED
 PROPOSED WELL LOCATION
 SECTION LINE
 QUARTER SECTION LINE
 40 ACRE LINE

NOTE: THE PURPOSE OF THIS SURVEY WAS TO PLAT THE
 WOLVERINE MILBURN 25-1 WELL.
 LOCATED IN THE SW ¼ OF THE SW ¼ OF SECTION
 25, T.12 S., R.4 E., S.L.B. & M., SANPETE COUNTY,
 UTAH.

BASIS OF ELEVATION
 ELEVATION BASED ON USGS BENCH MARK #P42
 LOCATED IN THE NW ¼ OF SECTION 12, T.12 S., R.4 E., S.L.B.
 & M.
 ELEVATION USED 6299.27 AS PUBLISHED BY THE NATIONAL
 GEODETIC SURVEY

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

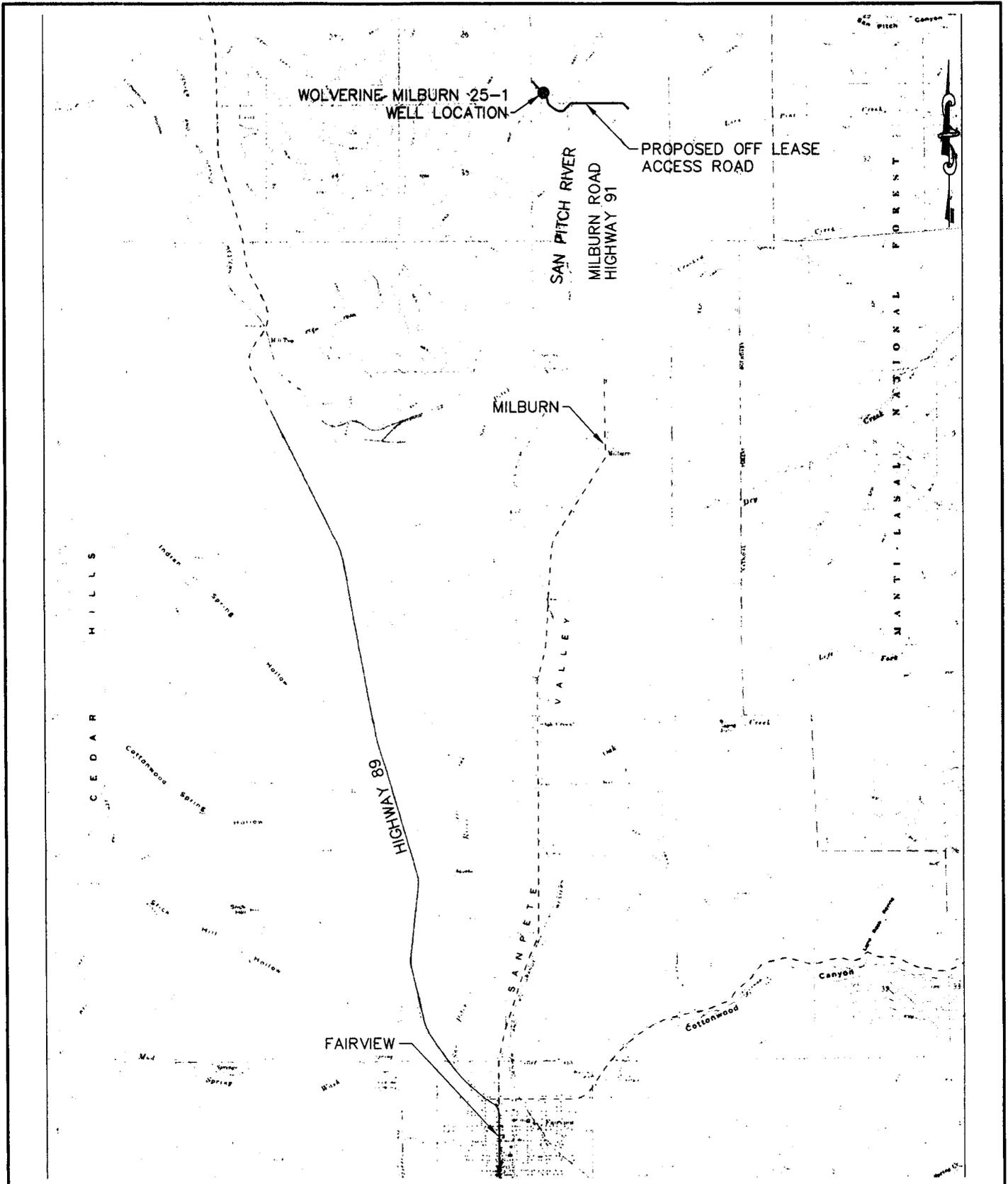


BASIS OF BEARING
 BASIS OF BEARING USED WAS N89°31'39"E BETWEEN THE
 SOUTHWEST CORNER AND THE SOUTH QUARTER CORNER OF
 SECTION 25, T.12 S., R.4 E., S.L.B. & M.
 WELL LATITUDE: 39°44'26.5041"N
 WELL LONGITUDE: 111°25'57.6660"W

Savage Surveying, Inc.
 Ryan W. Savage, PLS
 PO Box 802
 273 B 100 W
 Panguitch, UT 84701
 Home 435-898-8835
 Fax 435-898-8836
 Cell 435-209-1346

LOCATION PLAT FOR WOLVERINE MILBURN 25-1					
WOLVERINE OPERATING COMPANY OF UTAH, LLC					
DRAWING NAME LOCATION	SCALE 1" = 1000'	CARE 8/31/06	PROJECT NUMBER 0607-0115	SHEET NUMBER 1	
DESIGNED BY R.W.S.	SURVEYED BY T.K.S.	CHECKED BY R.W.S.	DRAWN BY R.W.S.		

CONFIDENTIAL



Savage Surveying, Inc.

Ryan W. Savage, PLS
 PO Box 892
 275 S. 100 W
 Richfield, UT 84701
 Home: 435-896-8635
 Fax: 435-896-8635
 Cell: 435-208-1345



VICINITY MAP FOR WOLVERINE MILBURN 25-1

WOLVERINE OPERATING COMPANY OF UTAH, LLC

DRAWING NAME	SCALE	DATE	PROJECT NUMBER	SHEET NUMBER
VICINITY	1" = 5000'	8/20/06	0607-011S	1
DESIGNED BY:	SURVEYED BY:	CHECKED BY:	DRAWN BY:	
T.M.	T.K.S.	R.W.S.	R.W.S.	

CONFIDENTIAL

From: Robert Clark
To: Whitney, Diana
Date: 9/25/2006 8:57:55 AM
Subject: RDCC short turn around responses

The following comments are submitted for **RDCC #7088-7090**.

RDCC # 7088, Comments begins: The Enduring Resources, LLC proposal to drill the Park Canyon 11-25-22-9 wildcat well, in Uintah County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board if any compressor or pump stations are constructed at the site. **If a permit is required, a permit application**, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. The guidelines for preparing an NOI are available on-line at <http://www.airquality.utah.gov/Permits/FORMS/NOIGuide8.pdf>.

The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm. **Comments end.**

RDCC # 7089, Comments begins: The Wolverine Operating Company of Utah, LLC proposal to drill the Wolverine Milburn 25-1 wildcat well, in Sanpete County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board if any compressor or pump stations are constructed at the site. **If a permit is required, a permit application**, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. The guidelines for preparing an NOI are available on-line at <http://www.airquality.utah.gov/Permits/FORMS/NOIGuide8.pdf>.

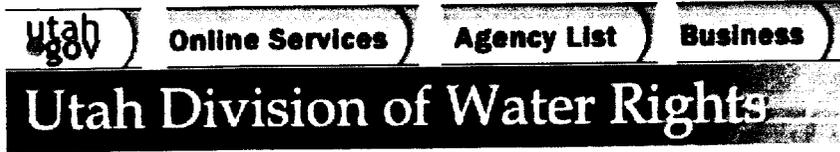
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RDCC # 7090 Comments begins: The Marion Energy, Inc. proposal to drill the Cordingly Canyon 2-1 wildcat well, in Carbon County, may require a permit, known as an Approval Order, from the Executive Secretary of the Air Quality Board if any compressor or pump stations are constructed at the site. **If a permit is required, a permit application**, known as a Notice of Intent (NOI), should be submitted to the Executive Secretary at the Utah Division of Air Quality at 150 N. 1950 West, Salt Lake City, Utah, 84116 for review according to the Utah Air Quality Rule R307-401. Permit: Notice of Intent and Approval Order. The guidelines for preparing an NOI are available on-line at <http://www.airquality.utah.gov/Permits/FORMS/NOIGuide8.pdf>.

The proposed project is also subject to Utah Air Quality Rule R307-205-5, Fugitive Dust, due to the fugitive dust that is generated during the excavating phases of the project. These rules apply to construction activities that disturb an area greater than 1/4 acre in size. A permit, known as an Approval Order, is not required from the Executive Secretary of the Air Quality Board, but steps need to be taken to minimize fugitive dust, such as watering and/or chemical stabilization, providing vegetative or synthetic cover or windbreaks. A copy of the rules may be found at www.rules.utah.gov/publicat/code/r307/r307.htm. **Comments end.**

Robert Clark
Division of Air Quality
536-4435

CC: Mcneill, Dave; Wright, Carolyn



Search Utah.gov **GO**



WRPLAT Program Output Listing

Version: 2004.12.30.00 Rundate: 10/26/2006 08:43 AM

Radius search of 5280 feet from a point N363 E477 from the SW corner, section 25, Township 12S, Range 4E, SL b&m Criteria:wrtypes=W,C,E podtypes=S,U,D,Sp,P status=U,A,P usetypes=all

Casing Schematic

BHP
 $0.052(12620)9 = 5906 \text{ psi}$
 anticipate?

Gas
 $(.12)(12620) = 1514$
 4391 psi MASP

BOPE - 10M ✓

Burst 3450
 $70\% = 2415 \text{ psi}$

Max P @ csg. shoe
 $.22(10620) = 2336 \Rightarrow 3570 \text{ psi}$
 $.12(10620) = 1274 \Rightarrow 4632 \text{ psi}$

test to 2415 psi ✓

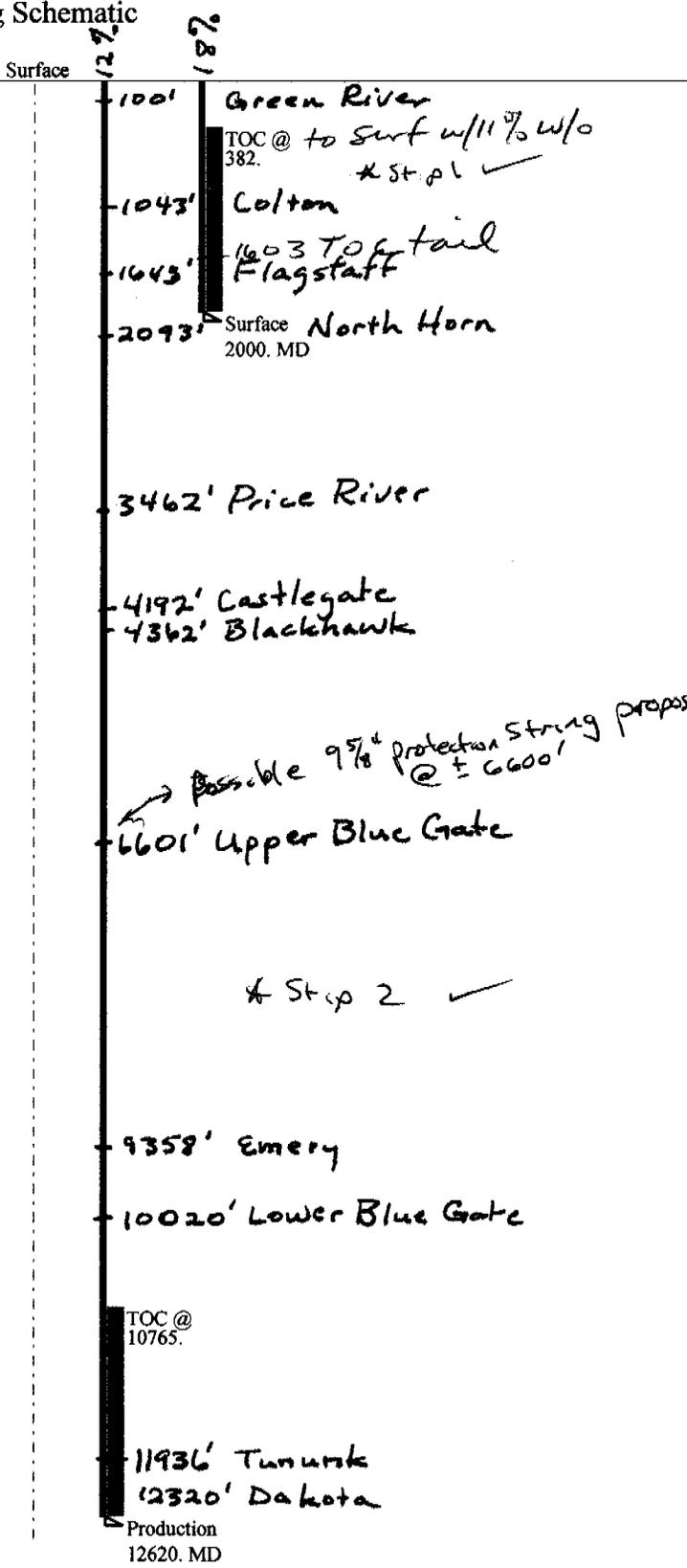
✓ Strip surf cmt
 Fresh water possible
 to 6000'

✓ @ Strip Fr above Upper Blue Gate (±6600')
 and from TD to above Emery (±9358')
 shall be protected by casing cement

✓ Adequate
 D&S 11/16/06

13-3/8"
 MW 9.2
 Frac 19.3

5-1/2"
 MW 9.



↖ Possible 9 5/8" protection string proposed
 @ ± 6600'

* Strip 2 ✓

9358' Emery
 10020' Lower Blue Gate

TOC @
 10765.

11936' Tununk
 12320' Dakota
 Production
 12620. MD

Well name:	2006-11 Wolverine Milburn 25-1	
Operator:	Wolverine Gas & Oil	Project ID:
String type:	Surface	43-041-30035
Location:	San Pete County	

Design parameters:

Collapse

Mud weight: 9.200 ppg
Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 75 °F
Bottom hole temperature: 103 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 1,500 ft

Cement top: 382 ft

Burst

Max anticipated surface pressure: 1,760 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 2,000 psi

No backup mud specified.

Tension:

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

Tension is based on buoyed weight.
Neutral point: 1,726 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 12,620 ft
Next mud weight: 9.000 ppg
Next setting BHP: 5,900 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 2,000 ft
Injection pressure: 2,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft ³)
1	2000	13.375	68.00	J-55	Buttress	2000	2000	12.29	1681.1
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	956	1950	2.040	2000	3450	1.73	117	1069	9.11 B

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Minerals

Phone: 801-538-5357
FAX: 801-359-3940

Date: November 2, 2006
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2000 ft, a mud weight of 9.2 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

Well name:	2006-11 Wolverine Milburn 25-1		
Operator:	Wolverine Gas & Oil	Project ID:	43-041-30035
String type:	Surface		
Location:	San Pete County		

Design parameters:

Collapse

Mud weight: 9.200 ppg
 Design is based on evacuated pipe.

Burst

Max anticipated surface pressure: 1,760 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP: 2,000 psi

Annular backup: 8.33 ppg

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Tension:

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

Tension is based on buoyed weight.
 Neutral point: 1,726 ft

Environment:

H2S considered? No
 Surface temperature: 75 °F
 Bottom hole temperature: 103 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,500 ft

Cement top: 382 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 12,620 ft
 Next mud weight: 9.000 ppg
 Next setting BHP: 5,900 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 2,000 ft
 Injection pressure: 2,000 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	2000	13.375	68.00	J-55	Buttress	2000	2000	12.29	1681
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	956	1950	2.040	1760	3450	1.96	117	1069	9.11 B

Prepared by: Helen Sadik-Macdonald
 Div of Oil, Gas & Minerals

Phone: 801-538-5357
 FAX: 801-359-3940

Date: November 3, 2006
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 2000 ft, a mud weight of 9.2 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

Well name:	2006-11 Wolverine Milburn 25-1		
Operator:	Wolverine Gas & Oil	Project ID:	43-041-30035
String type:	Production		
Location:	San Pete County		

Design parameters:

Collapse

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

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 75 °F
 Bottom hole temperature: 252 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,500 ft
 Cement top: 10,765 ft

Burst

Max anticipated surface pressure: 3,124 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 5,900 psi

No backup mud specified.

Tension:

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

Non-directional string.

Tension is based on buoyed weight.
 Neutral point: 10,901 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	12620	5.5	20.00	L-80	LT&C	12620	12620	4.653	1571.4
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	5900	8830	1.497	5900	9190	1.56	218	416	1.91 J

Prepared by: Helen Sadik-Macdonald
 Div of Oil, Gas & Minerals

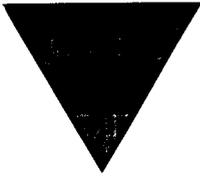
Phone: 801-538-5357
 FAX: 801-359-3940

Date: November 2, 2006
 Salt Lake City, Utah

Remarks:
 Collapse is based on a vertical depth of 12620 ft, a mud weight of 9 ppg. The casing is considered to be evacuated for collapse purposes.
 Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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



WOLVERINE GAS AND OIL COMPANY
of Utah, LLC

Energy Exploration in Partnership with the Environment

September 26, 2006

Mr. Gil Hunt
Utah Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Supplemental to APD—Wolverine Operating Company of Utah, LLC
Wolverine Milburn 25-1
363' FSL, 477' FWL, SW/4 SW/4, Section 25, T12S, R4E, S.L.B.&M,
Sanpete County, Utah

Dear Mr. Hunt:

Wolverine Operating Company of Utah, LLC (Wolverine) recently submitted an *Application for Permit to Drill (APD)* for the above referenced well. To assist and expedite the preparation of the pre-drill onsite evaluation for this well, various information that by rule is not specifically required to accompany an APD was compiled and sent to Mark Jones. Mr. Jones suggested that the document providing this information also be sent to the Salt Lake City office as supplement to the original APD.

Please accept the attached document as a supplement to the original APD for the referenced well and treat it confidentially as is requested for all information pertaining to the original APD for this well.

Sincerely,

Ellis M. Peterson – Senior Production Engineer
Wolverine Operating Company of Utah, LLC

RECEIVED

SEP 29 2006

DIV. OF OIL, GAS & MINING

MEMORANDUM

DATE: September 25, 2006

TO: Gil Hunt and Pam Grubaugh-Littig, DOGM

FROM: Utah Geological Survey, Ground Water and Paleontology Program

VIA: Kimm Harty, UGS

SUBJECT: UGS comments on Resource Development Coordinating Committee items
7089 & 7090 – Short Turn-Around Items

CC: Carolyn Wright, Public Lands Policy Coordination Office

7089. Division of Oil, Gas and Mining
Short Turn Around Drilling Permit
Sec. 25, T12S, R4E, Sanpete County
Application for Permit to Drill - proposal to drill a wildcat well the Wolverine Milburn
25-1 on a Fee lease

Although there are no paleontological localities recorded in our files for this project area, the Cretaceous-Tertiary North Horn Formation that is exposed here has the potential for yielding significant vertebrate fossil localities. The office of the State Paleontologist therefore recommends that a paleontological evaluation be conducted for this project and its easements by a paleontologist with a valid permit.

7090. Division of Oil, Gas and Mining
Short Turn Around Drilling Permit
Sec. 2, T13S, R10E, Carbon County
Application for Permit to Drill - proposal to drill a wildcat well the Cordingly Canyon 2-1
on a Fee lease

Although there are no paleontological localities recorded in our files for this project area, the Cretaceous Price River Formation and the Cretaceous-Tertiary North Horn Formation that are exposed here have the potential for yielding significant vertebrate fossil localities. The office of the State Paleontologist therefore recommends that a paleontological evaluation be conducted for this project and its easements by a paleontologist with a valid permit.

AFFIDAVIT

STATE OF UTAH
COUNTY OF SEVIER

-In the matter of the proposed Wolverine Milburn 25-1 well, to be situated on the following described lands in Sanpete County, Utah:

Township 12 South-Range 4 East, SLB&M
Section 25: SW4SW4 (#20206)

I, Charlie Irons, a resident of Sevier County, Utah, and an employee of Wolverine Gas and Oil Corporation in its Richfield Field Office, do hereby depose and say that I prepared and negotiated the terms of a Surface Damage and Access Agreement that was executed in my presence on December 4, 2006, by the managing members of Hidden Springs Retreat, LLC, the owner of the surface of the above captioned lands. The agreement provides compensation for anticipated damages by Wolverine's operations, and numerous other provisions regarding restoration and accommodation for both short term and long term activities, to the mutual benefit of both parties.

Charlie Irons
Charlie Irons

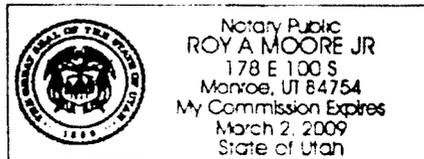
STATE OF UTAH)
COUNTY OF SEVIER) ss: ACKNOWLEDGMENT

The foregoing instrument was acknowledged before me this 4th day of December, 2006, by Charlie Irons, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

Roy A. Moore, Jr.
Roy A. Moore, Jr., Notary Public

RECEIVED
DEC 04 2006

DIV. OF OIL, GAS & MINING





State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

December 4, 2006

Wolverine Operating Company of Utah, LLC
One Riverfront Plaza, 55 Campau NW
Grand Rapids, MI 49503-2616

Re: Wolverine Milburn 25-1 Well, 363' FSL, 477' FWL, SW SW, Sec. 25,
T. 12 South, R. 4 East, Sanpete 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 43-039-30035.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Sanpete County Assessor

Operator: Wolverine Operating Company of Utah, LLC
Well Name & Number Wolverine Milburn 25-1
API Number: 43-039-30035
Lease: Fee

Location: SW SW **Sec.** 25 **T.** 12 South **R.** 4 East

Conditions of Approval

1. **General**

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

2. **Notification Requirements**

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

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

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

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

3. **Reporting Requirements**

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

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

5. Cement volume for the 5 1/2" production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to $\pm 1800'$ MD, in order to isolate the mineral bearing formations in the Emery formation and below from the freshwater formations above the upper Blue Gate formation.

6. 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.
7. Operator shall comply with applicable recommendations resulting from Resource Development Coordinating Committee review. Statements attached.
8. Surface casing shall be cemented to surface.

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: Patented
2. NAME OF OPERATOR: Wolverine Operating Company of Utah, LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 55 Campau NW CITY Grand Rapids STATE UT ZIP 49503-2616		7. UNIT or CA AGREEMENT NAME: N/A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 399' FSL, 513' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 25 12S 4E S		8. WELL NAME and NUMBER: Wolverine Milburn 25-1
PHONE NUMBER: (616) 458-1150		9. API NUMBER: 4303930035
COUNTY: Sanpete		10. FIELD AND POOL, OR WILDCAT: Wildcat
STATE: UTAH		

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input 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 checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input 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.

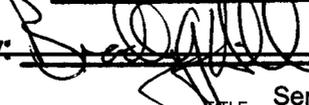
It is requested that the Wolverine Milburn 25-1 well location and drilling pad be repositioned to avoid a rock protrusion which was exposed during construction activities at the well site. The new location for the well will be 399' FSL and 513' FWL of Section 25, T12S, R4W, SLB&M. This new location is 51 feet from the originally approved exception location and 36 feet closer to the normal drilling "window". The layout of the drilling pad will be rotated 180 degrees to reposition the reserve pit away from the exposed rock. A new survey plat for the well and revised schematics of the drilling pad are included herewith. This Sundry Notice follows verbal approval given by Mark Jones on 1/12/07 to proceed with site construction activities as proposed.

462999X 39.740741
43988624 - 111.431830

Attachments: Survey Plat, Pad Layout Plats 1-2, Cross Sections 1-5

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 01-29-07

By: 

SENT TO OPERATOR
DATE: 1-30-07
TIME: 2pm

NAME (PLEASE PRINT) Ellis M. Peterson TITLE Senior Production Engineer
SIGNATURE  DATE 1/17/2007

(This space for State use only)

RECEIVED

JAN 19 2007

SECTION 25, T. 12 S., R. 4 E., S.L.B. & M.

PROJECT
WOLVERINE OPERATING COMPANY OF UTAH, LLC
 WELL LOCATION, LOCATED AS SHOWN IN THE
 SW 1/4 OF THE SW 1/4 OF SECTION 25, T.12 S.,
 R.4 E., S.L.B. & M., SANPETE COUNTY, UTAH

LEGEND
 SECTION CORNER AS NOTED
 QUARTER CORNER AS NOTED
 PROPOSED WELL LOCATION
 SECTION LINE
 QUARTER SECTION LINE
 40 ACRE LINE



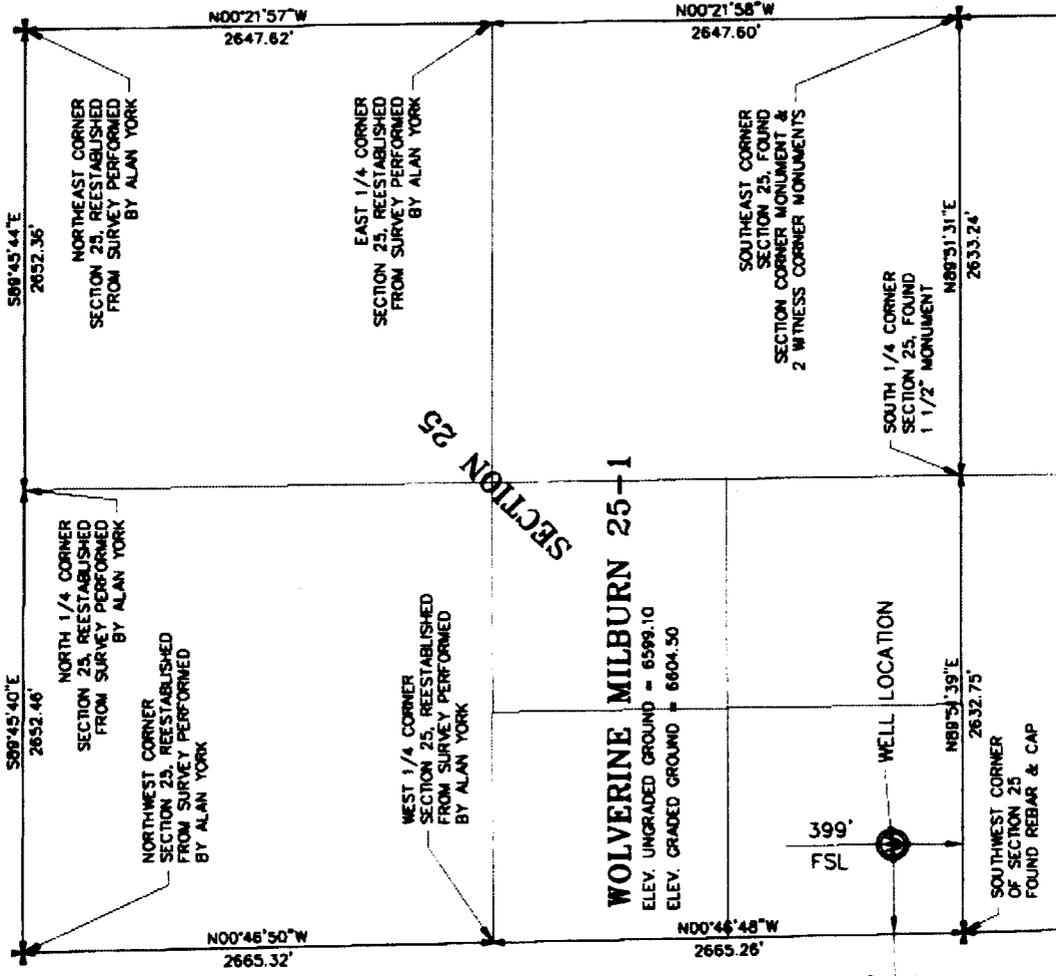
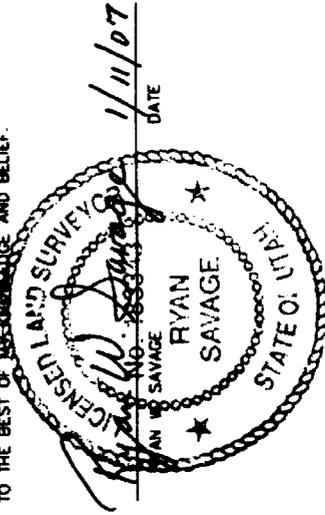
NOTE: THE PURPOSE OF THIS SURVEY WAS TO PLAT THE
 WOLVERINE MILBURN 25-1 WELL,
 LOCATED IN THE SW 1/4 OF THE SW 1/4 OF SECTION
 25, T.12 S., R.4 E., S.L.B. & M., SANPETE COUNTY,
 UTAH.

BASIS OF ELEVATION

ELEVATION BASED ON USGS BENCH MARK #P42
 LOCATED IN THE NW 1/4 OF SECTION 12, T.12 S., R.4 E., S.L.B.
 & M.
 ELEVATION USED 6289.27 AS PUBLISHED BY THE NATIONAL
 GEODETIC SURVEY.

CERTIFICATE

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



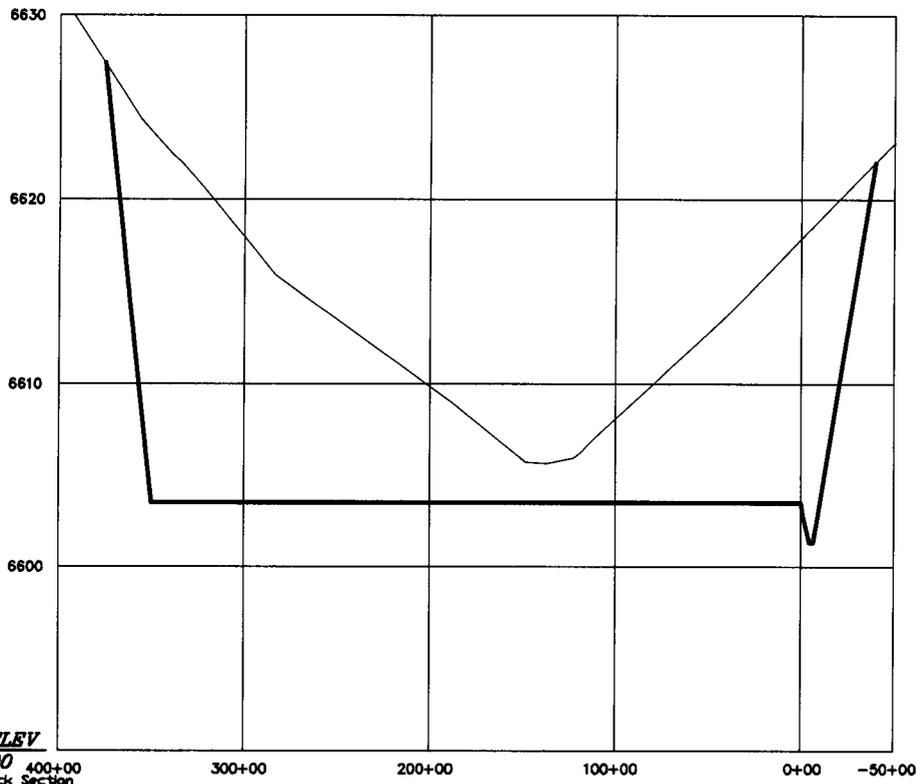
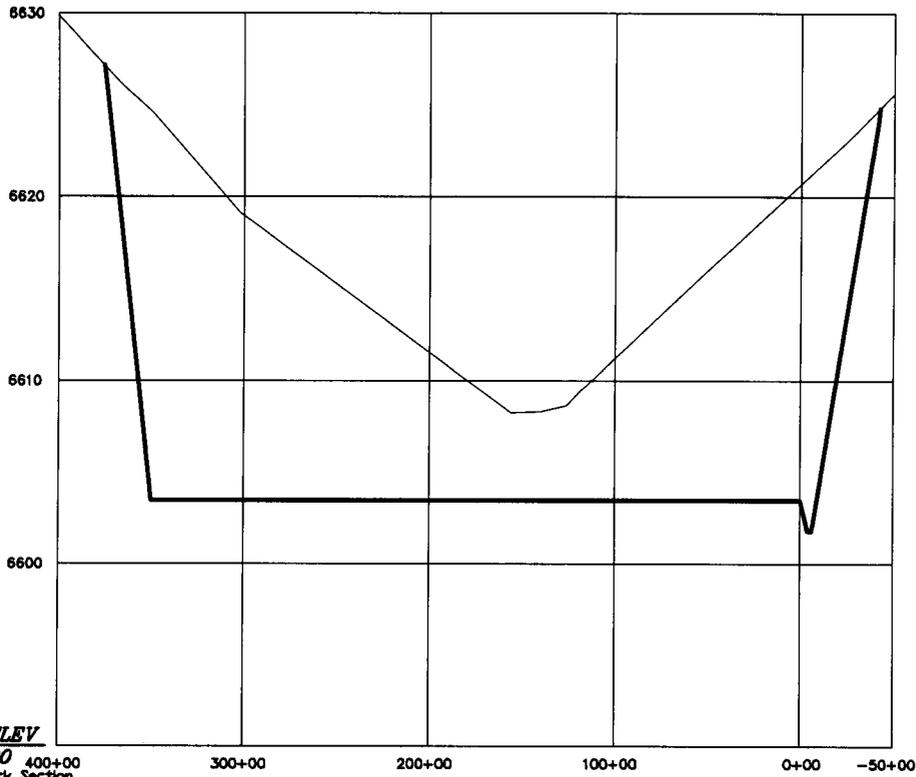
BASIS OF BEARING
 BASIS OF BEARING USED WAS N89°31'39"E BETWEEN THE
 SOUTHWEST CORNER AND THE SOUTH QUARTER CORNER OF
 SECTION 25, T.12 S., R.4 E., S.L.B. & M.
 WELL LATITUDE: 39°44'26.8934"N
 WELL LONGITUDE: 111°25'57.1706"W

REVISED 1/11/07

Savage Surveying, Inc.
 Ryan Savage, PLS
 PO Address
 2793 1/2 W
 Highway 12, Suite 101
 Alton, UT 84001-4605
 PH: 435-384-4605
 Cell: 435-384-1580

REVISED LOCATION PLAT FOR MILBURN 25-1		PROJECT NUMBER		SHEET NUMBER	
WOLVERINE OPERATING COMPANY OF UTAH, LLC		0607-0115		1	
DRAWN BY	SCALE	DATE	PROJECT NUMBER	SHEET NUMBER	
LOCATED BY	1" = 100'	1/11/07	0607-0115	1	
DESIGNED BY	SUPPLIED BY	DATE BY	DATE BY	DATE BY	
T.M.	T.M.	T.M.	T.M.	T.M.	

CONFIDENTIAL

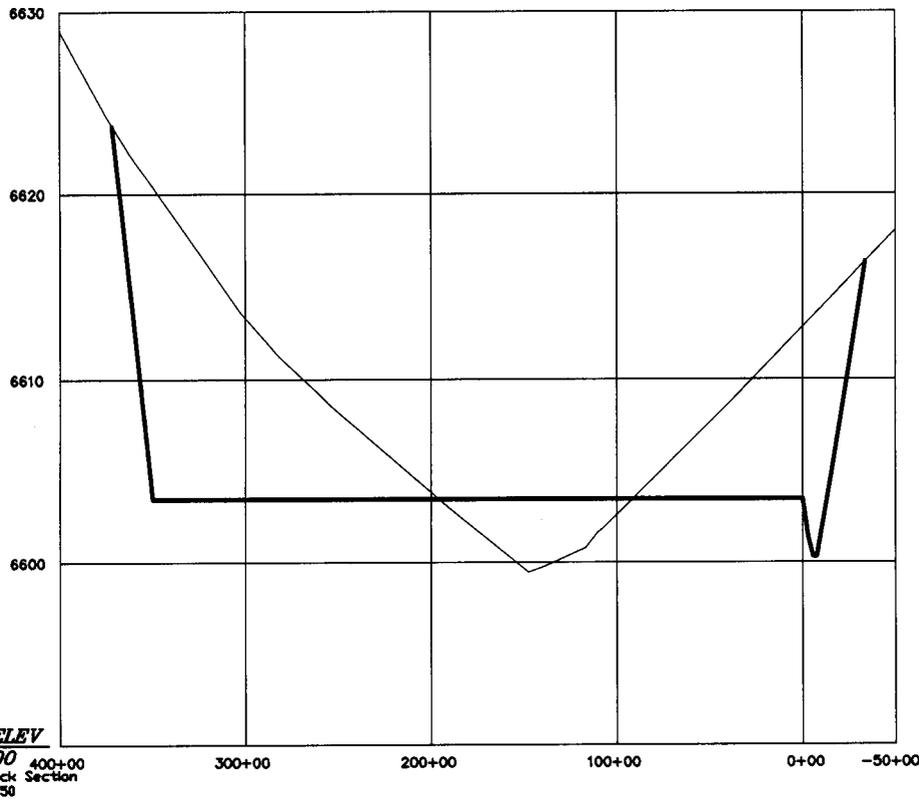
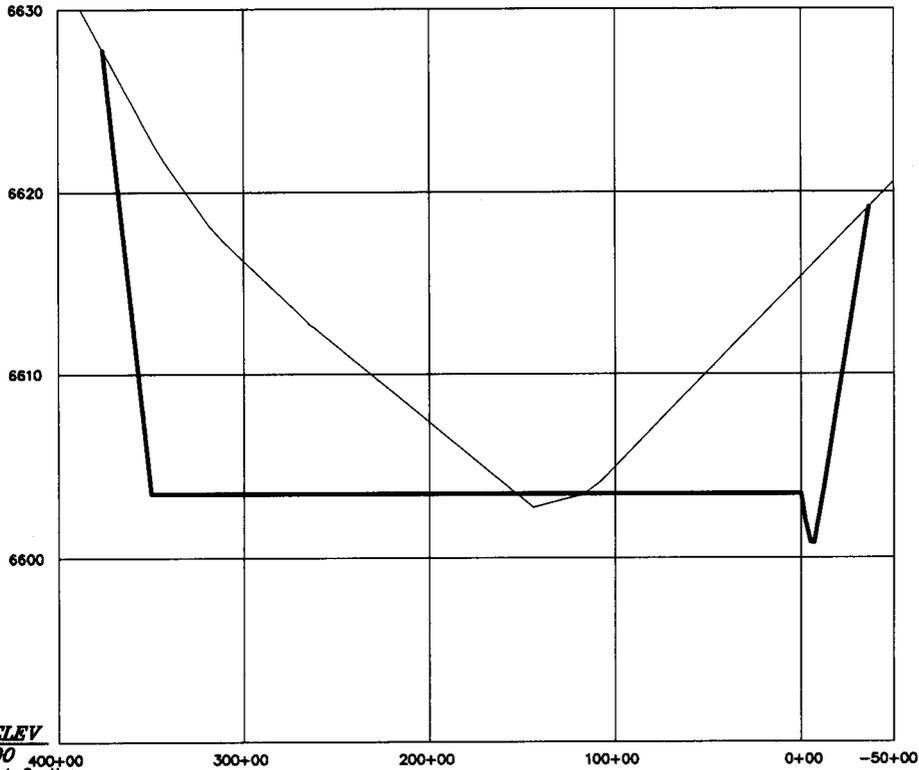


REVISED PAD CROSS SECTIONS 1/12/07

Savage Surveying, Inc.
 Ryan W. Savage, PLS
 P.O. Box 100
 Spring Hill, TN 37074
 Phone: 615-251-1000
 Fax: 615-251-1001

WOLVERINE MILBURN 25-1					
WOLVERINE OPERATING COMPANY OF UTAH, LLC					
DRAWING NAME SEC 1	SCALE H100/V10	DATE 1/12/07	PROJECT NUMBER 0607-011S	SHEET NUMBER 1	
DESIGNED BY: T.M.	SURVEYED BY: T.K.S.	CHECKED BY: R.W.S.	DRAWN BY: R.W.S.		

CONFIDENTIAL

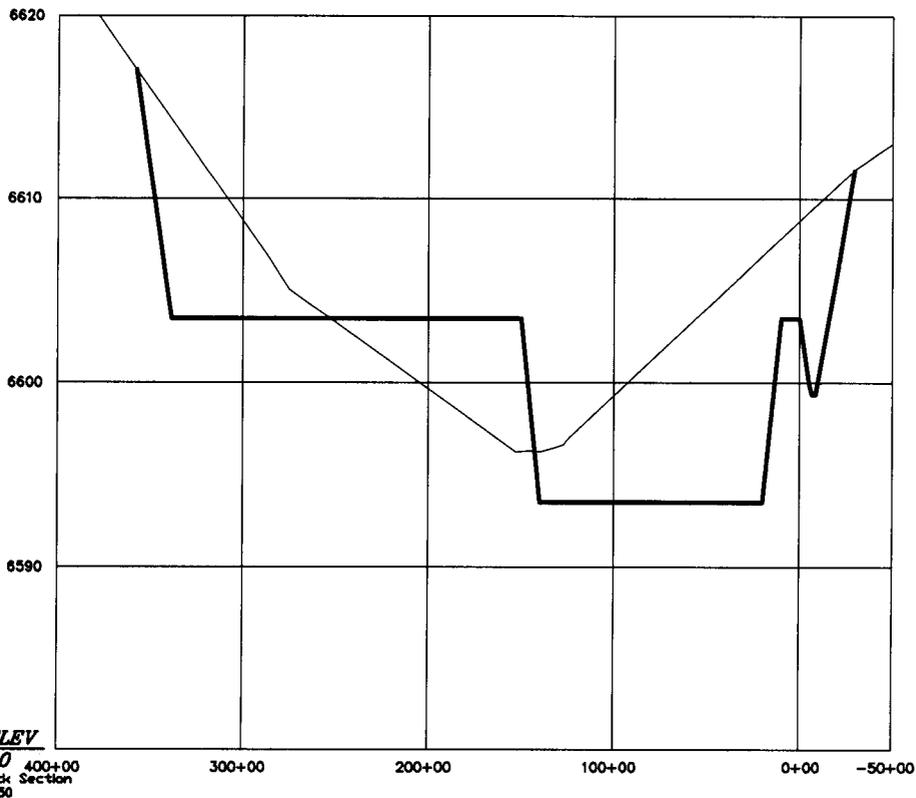
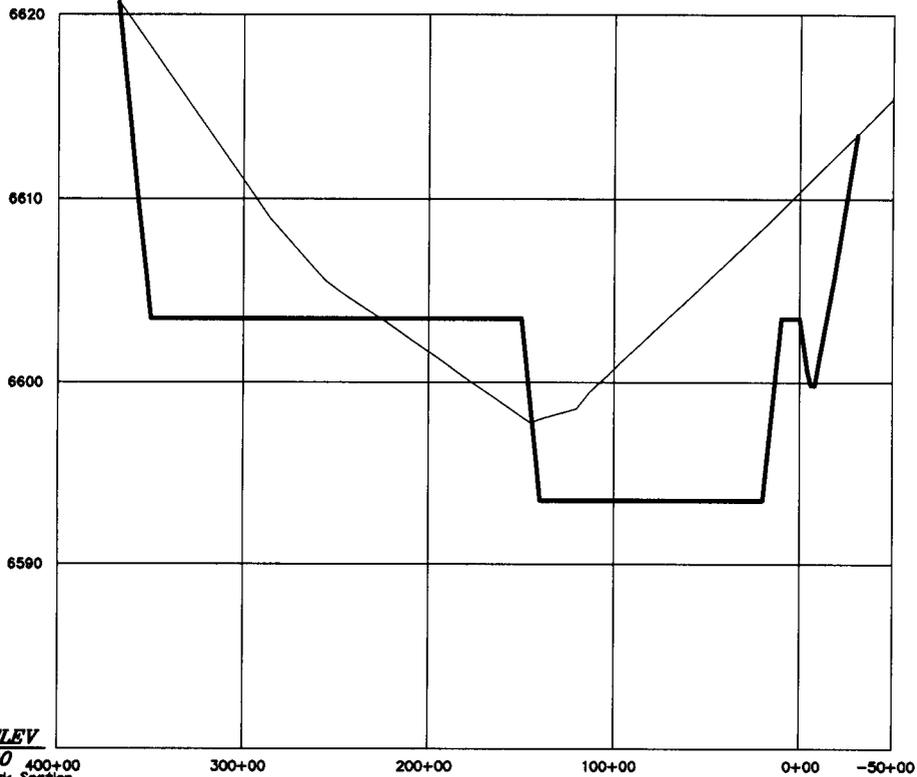


Savage Surveying, Inc.
 Surveying & Mapping
 11111 N. 111th St.
 Suite 111
 Overland Park, KS 66213
 Phone: 913.241.1111
 Fax: 913.241.1112
 Email: info@savageks.com
 Website: www.savageks.com

WOLVERINE MILBURN 25-1			
WOLVERINE OPERATING COMPANY OF UTAH, LLC			
DRAWING NAME SEC 1	SCALE H100/V10	DATE 1/12/07	PROJECT NUMBER 0607-011S
DESIGNED BY: T.M.	SURVEYED BY: T.K.S.	CHECKED BY: R.W.S.	SHEET NUMBER 2

REVISED PAD CROSS SECTIONS 1/12/07

CONFIDENTIAL



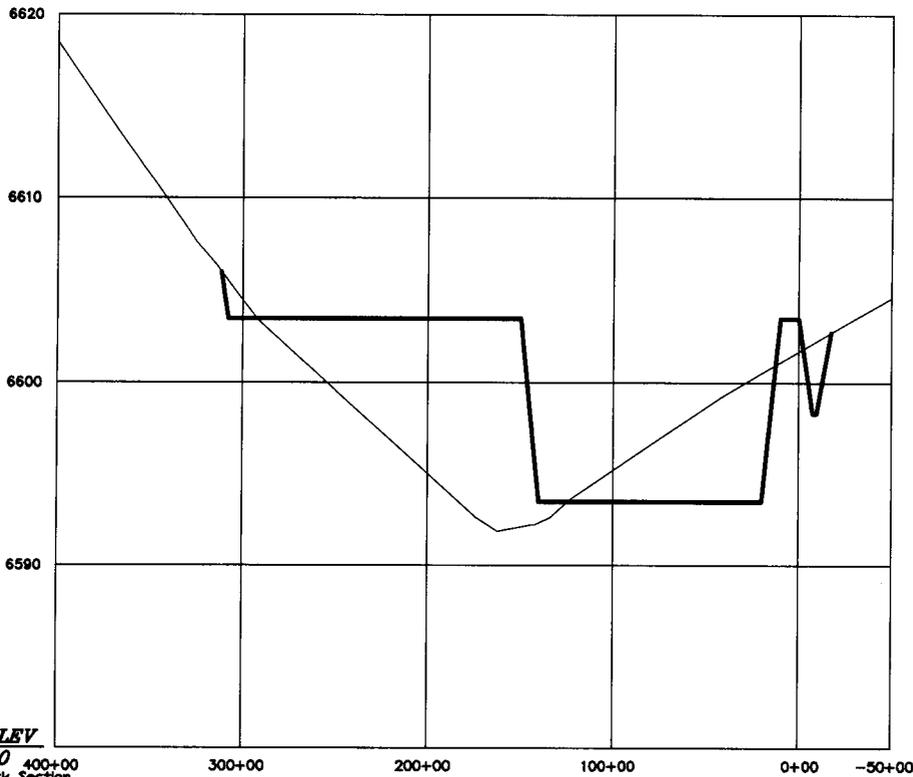
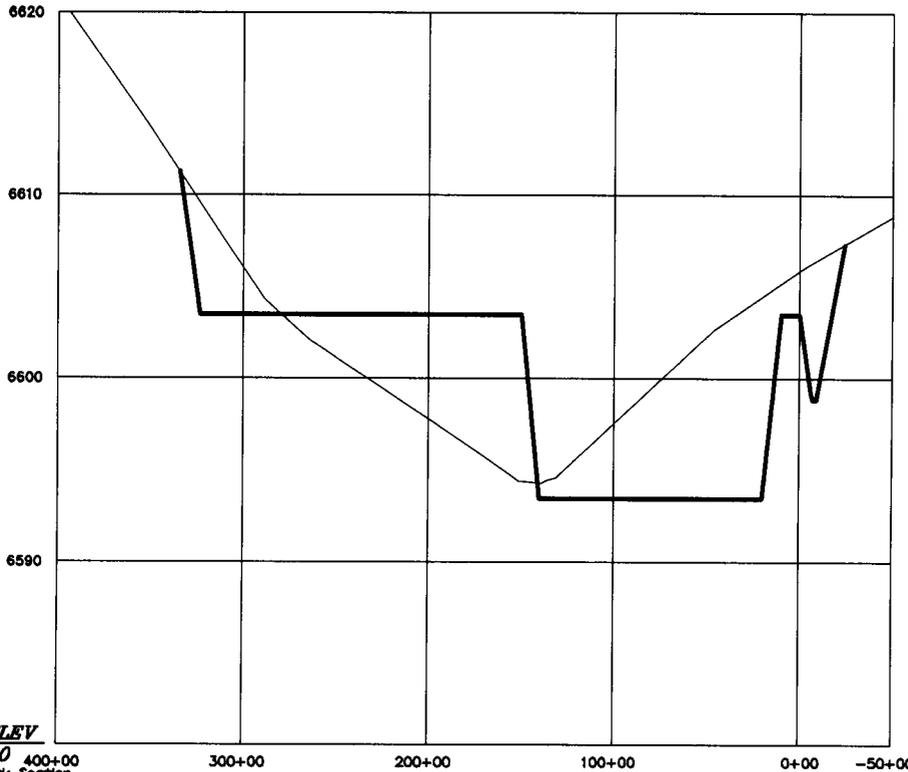
REVISED PAD CROSS SECTIONS 1/12/07

Savage Surveying, Inc.
 Registered Professional Surveyors
 Florida
 State of Florida
 License No. 12000
 12000
 12000
 12000



WOLVERINE MILBURN 25-1			
WOLVERINE OPERATING COMPANY OF UTAH, LLC			
DRAWING NAME SEC 1	SCALE H100/V10	DATE 1/12/07	PROJECT NUMBER 0607-Q11S
DESIGNED BY: T.M.	SURVEYED BY: T.K.S.	CHECKED BY: R.W.S.	SHEET NUMBER 3

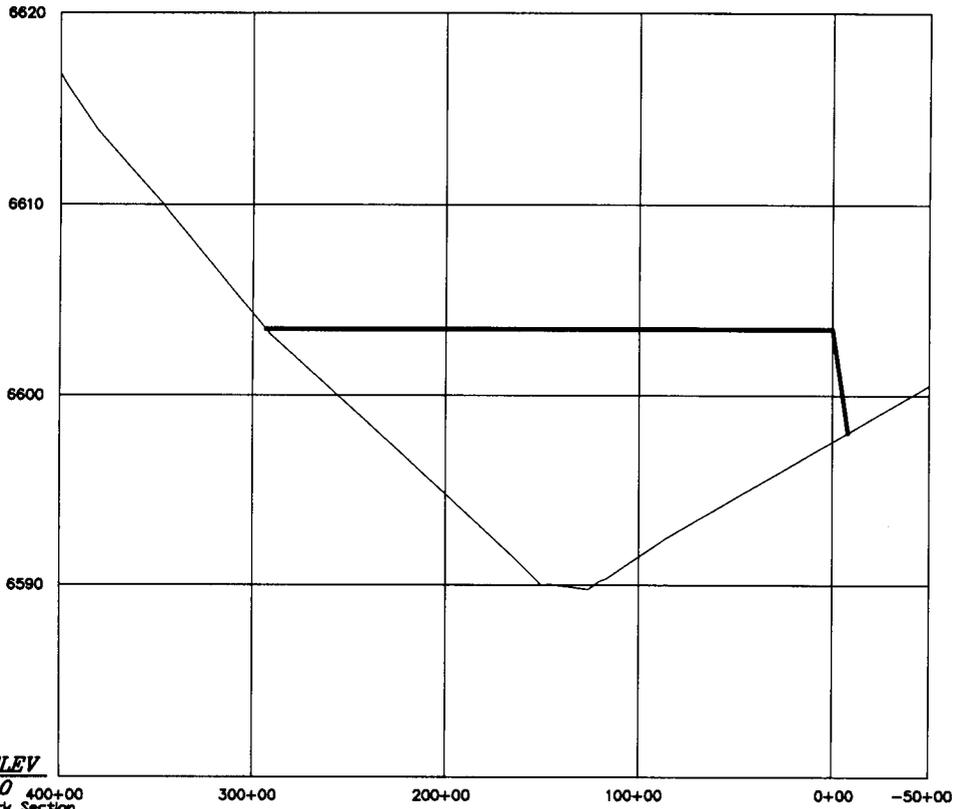
CONFIDENTIAL



Savage Surveying, Inc.
 Surveying, P.L.L.C.
 1000 N. 1000 E.
 P.O. Box 1000
 Provo, UT 84602
 Phone: 801-734-1111
 Fax: 801-734-1112
 Web: www.savage-surveying.com



WOLVERINE MILBURN 25-1					
WOLVERINE OPERATING COMPANY OF UTAH, LLC					
DRAWING NAME	SCALE	DATE	PROJECT NUMBER	SHEET NUMBER	
SEC 1	H100/V10	1/12/07	0607-011S	4	
DESIGNED BY:	SURVEYED BY:	CHECKED BY:	DRAWN BY:		
T.M.	T.K.S.	R.W.S.	R.W.S.		



DATUM ELEV

6580.00 400+00
 GROUP Quick Section
 SECTION 14+00

0607-011S

Savage Surveying, Inc. 1400 N. Orange, FL 32807 Phone: 407-253-1111 Fax: 407-253-1112 www.savesurveying.com		WOLVERINE MILBURN 25-1			
		WOLVERINE OPERATING COMPANY OF UTAH, LLC			
DESIGNED BY: T.M.	SURVEYED BY: T.K.S.	SCALE: H100/V10	DATE: 1/12/07	PROJECT NUMBER: 0607-011S	SHEET NUMBER: 5



WOLVERINE OPERATING COMPANY
of Utah, LLC

Energy Exploration in Partnership with the Environment

January 23, 2007

Mr. Gil Hunt
Utah Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: **Wolverine Milburn 25-1**
API 43-039-30035
399' FSL, 513' FWL, SW/4 SW/4, Section 25, T12S, R4E, S.L.B.&M, Sanpete
County, Utah

Dear Mr. Hunt:

A Sundry Notice dated 1/17/2007 was submitted to your office requesting approval to move the Wolverine Milburn 25-1 well from the originally approved location at 363' FSL, 477' FWL of Section 25, T12S, R4E, SLB&M to a new location at 399' FSL, 513' FWL of Section 25, T12S, R4E, SLB&M in Sanpete County, Utah. Because this new location is also located more than 200' from the center of the 40-acre drilling unit, an exception to locating and siting requirements of R649-3-2 is hereby requested. The exception location for this well is requested because of the restrictive topography of the drilling site. Wolverine Operating Company of Utah is the only operator within 460' of the proposed location. The plat required to accompany this request per R649-3-3 is attached.

Wolverine Operating Company of Utah, LLC (Wolverine) respectfully requests approval this request. Please accept the attached documents for the referenced well and treat them with confidentiality as requested for all information pertaining to this well.

Sincerely,

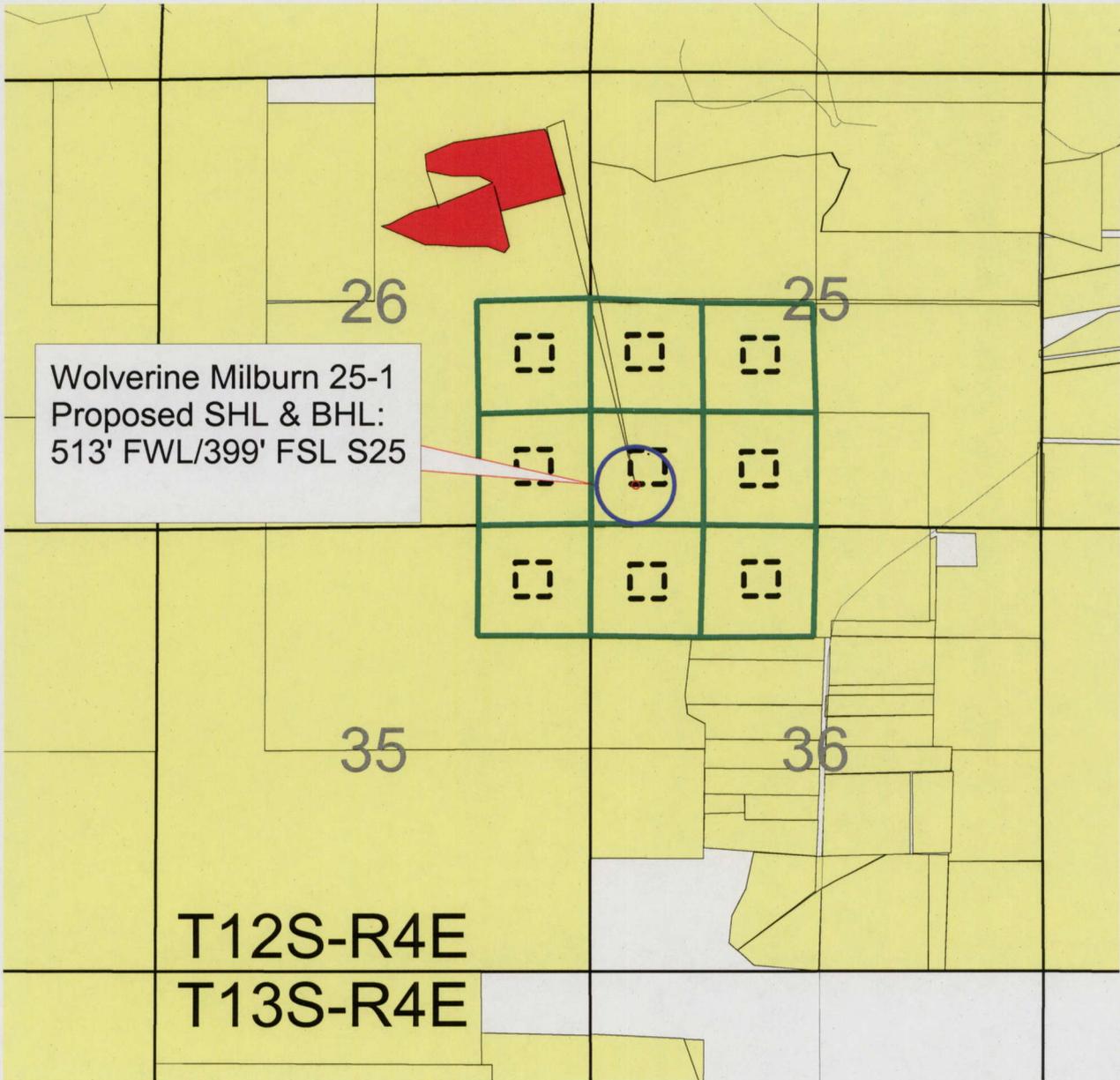
Ellis M. Peterson – Senior Production Engineer
Wolverine Operating Company of Utah, LLC

RECEIVED

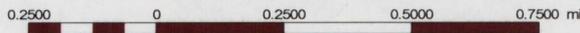
JAN 26 2007

DIV. OF OIL, GAS & MINING

Exception Location and Ownership Plat



1 inch = 2000 feet



-  460 ft. Radius
-  R649-3-2 Window
-  Wolverine Lease

	<p>WOLVERINE GAS & OIL Company of Utah, LLC (Operator) <i>Energy Exploration in Partnership with the Environment</i> ONE RIVERFRONT PLAZA 55 CAMPAN, N.W. GRAND RAPIDS, MI 49503-2616 (616) 458-1150</p>
<p>Wolverine Milburn #25-1 Proposed Location Sec. 25, T12S, R4E Sanpete County, UT</p>	
<p>Date: 1/23/2007</p>	<p>Author: Mark Lutz Filename: Document in ml Milburn competitors.gmp</p>

CONFIDENTIAL

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: WOLVERINE GAS & OIL COMPANY UT

Well Name: WOLVERINE MILBURN 25-1

Api No: 43-039-30035 Lease Type: FEE

Section 25 Township 12S Range 04E County SANPETE

Drilling Contractor PETE MARTIN RIG # BUCKET

SPUDDED:

Date 03/10/07

Time _____

How DRY

Drilling will Commence: _____

Reported by STEVE HASH

Telephone # (918) 599-9801

Date 03/14/07 Signed CHD

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

FORM 6

ENTITY ACTION FORM

Operator: Wolverine Operating Company of Utah, LLC Operator Account Number: N 3035
 Address: 55 Campau NW, One Riverfront Plaza
 city Grand Rapids
 state MI zip 49503-2616 Phone Number: (616) 458-1150

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4303930035	Wolverine Milburn 25-1		SWSW	25	12S	4E	Sanpete
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	15995	3/10/2007		3/15/07		
Comments: <u>DKTA</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)

Steven R Hash - EXACT Engineering Inc

Name (Please Print)

Steven R. Hash

Signature

Engineering Consultant

3/13/2007

Title

Date

RECEIVED

MAR 14 2007

DIV. OF OIL, GAS & MINING

Engineering & Supervision		EXACT Engineering, Inc.				(918) 599-9400																				
Operator: Wolverine Operating Co of Utah		DAILY DRILLING REPORT				24 hrs - midnight to midnight																				
DATE	WELL	CONTRACTOR		COUNTY, STATE	SPUD DATE	AP#		SUPERVISOR																		
04/16/07	Wolverine Milburn 25-1	SST #68		Sanpete, UT	4/14/07	43-039-30035		Rodger Rebsom																		
DAYS F/SPUD	PRESENT OPERATIONS @ 2400 Hour		TOTAL DEPTH	PROGRESS	DRILLING TIME	ROP	FORMATION	AUTH. DEPTH																		
3	Drilling		1,043	341	19.50	17.5	Dakota	12620																		
MUD DATA																										
DATE/TIME	DEPTH	WT	VIS	PV	YP	GELS	FILTRATE	CAKE/32	SOLIDS	SAND	PH	SALT	CHLORIDES	CALCIUM												
4/15-1300 hr	880	8.5	52	8	14	11/15	nc	1	1.8	0	11.0	0	800	120												
BIT DATA																										
BIT NO.	SIZE	MFG.	TYPE	IADC CODE	SERIAL NO.	JETS (1/32nd" or TFA)				IN	OUT	FOOTAGE	HOURS	ROP	MTR	RPM	WOB	DULL CONDITION								
1	17.500	Russia	SB2-DGP	517	20550906	26	26	26	26			133		910'	39.50	#VALUE!	Y	40-100	8-12	T	B	G				
																#DIV/0!										
																#DIV/0!										
																#DIV/0!										
HYDRAULICS										SLOW PUMP PSI																
PUMP NO.	MANUFACTURER	LINER	STROKE LENGTH	GAL / STK 100%	SPM	GPM	AV DP	AV DC	PUMP PRESS.	MTR DIFF	SLIDE? ROTATE?	HHP / IN ²	ECD	DEPTH												
1	National 10P130	6"	10	3.5	115	403								1												
2	National 10P130	6:00	10	3.5	115	403								2												
						0																				
						230	805	72	83	1625	295															
DRILL STRING				GEOLOGIC				GENERAL INFO																		
BOTTOM HOLE ASSEMBLY#	LENGTH	O.D.	I.D.	FORMATION	MD	TVD	LITHO LOGY	RIG INFO																		
Bit	1.50	17.5"		Green River	Surface			Rig Ph: 435-427-5404																		
Directional tools	82.78	8"						Co Ph: 435-427-5402																		
Shock Sub	12.55	8"						Last BOP Test		LW																
3-8" Drill Collars	92.37	8"		GAS DATA			Next BOP Test		UK																	
				BOTTOMS UP TIME	BG GAS	CONN GAS	TRIP GAS	Last Safety Meeting		4/17																
Cross Over	2.22	8"		15	0	0	0	Last BOP Drill		LW																
3-6.5" Drill Collars	89.17	6.5"		SHOWS			Last Operate Pipe Rar		LW																	
				GAS UNITS	FROM	TO	ROP (F1/HR)	Last Operate Blind Ra		LW																
14-5" HWDP	393.37	5"		0				Last Operate Annular		LW																
1-Jars	31.49	6.500						INT CASING 2		PROD CSG																
3 Jts-5=	89.84							INT CASING 1																		
STRING WT.	BHA WT.	PU WT.	SO WT.	ROT. TORQUE	GRD. ELEVATION	GL TO KB	KB ELEVATION	SURF CSG																		
98,000	45,000	100,000	96,000	745	6,605	25	6,631																			
SURVEYS																										
MD	INCL.	AZIMUTH	TVD	N+S-	E+ / W-	SECTION	DLS	TOOL	MD	INCL.	AZIMUTH	TVD	N+S-	E+ / W-	SECTION	DLS	TOOL									
770	2.00	106.90	770	-2	5	-5	0.71	MWD	959	1.40	108.50	959	-4	10	-10	0.32	MWD									
865	1.70	108.60	865	-3	8	-8	0.32	MWD	1,052	1.40	89.90	1052	-4	13	-13	0.49	MWD									
DAILY ACTIVITY																										
FROM			LAST 24 HOURS:																							
0:00	1:00	1.00	Repair top drive																							
1:00	2:00	1.00	Trip into 618'																							
2:00	2:30	0.50	Wash & Ream 86' to bottom 4' fill																							
2:30	13:00	10.50	Drill & Slide from 702' to 890'																							
13:00	14:00	1.00	Survey - Reset Mwd.																							
14:00	16:30	2.50	Drill & Slide from 890' to 914'																							
16:30	17:30	1.00	Change valve & seat #1 pump																							
17:30	0:00	6.50	Drill & Slide from 914' to 1043'																							
0:00																										
0:00																										
0:00																										
0:00																										
0:00																										
0:00																										
0:00																										
0:00																										
0:00																										
0:00																										
0:00																										
0:00			Casing program: 13-3/8" @ 2000' ; 5-1/2" @ 12620'																							
0:00																										
0:00			1143' Drilling @ 0500 hour																							
Daily Total	24.00																									
SEE ATTACHED COST DETAIL PAGE FOR ESTIMATED DRY HOLE COSTS																										

Engineering & Supervision		EXACT Engineering, Inc.				(918) 599-9400														
Operator: Wolverine Operating Co of Utah		DAILY DRILLING REPORT				24 hrs - midnight to midnight														
DATE 04/20/07	WELL Wolverine Milburn 25-1	CONTRACTOR SST #68		COUNTY, STATE Sanpete, UT	SPUD DATE 4/14/07	API# 43-039-30035		SUPERVISOR Rodger Rebsorn												
DAYS F/SPUD 7	PRESENT OPERATIONS @ 2400 Hour Nippel up Bop		TOTAL DEPTH 1,997	PROGRESS 0	DRILLING TIME 0.00	ROP #DIV/0!	FORMATION Dakota	AUTH. DEPTH 12620												
MUD DATA																				
DATE/TIME 4/19/1300 hr	DEPTH 1997	WT 8.8	VIS 52	PV 23	YP 15	GELS 24/409.4	FILTRATE nc	CAKE/32 2	SOLIDS 3.0	SAND 0	PH 9.7	SALT 0	CHLORIDES 800	CALCIUM 100						
BIT DATA																				
BIT NO. 1	SIZE 17.500	MFG. Russia	TYPE SB2-DGP	IADC CODE 517	SERIAL NO. 20550906	JETS (1/32nd) or TFA 26 26 26 26				IN 133	OUT 1997	FOOTAGE 1864	HOURS 93.00	ROP 20.0	MTR Y	RPM 40-100	WOB 23-40	DULL CONDITION T B G 2 F IN		
														#DIV/0!						
														#DIV/0!						
														#DIV/0!						
HYDRAULICS											SLOW PUMP PSI									
PUMP NO. 1	MANUFACTURER National 10P130	LINER 6"	STROKE LENGTH 10	GAL / STK 100% 3.5	SPM 115	GPM 403	AV DP	AV DC	PUMP PRESS.	MTR DIFF	SLIDE? ROTATE?	HHP / IN ²	ECD	DEPTH 1						
2	National 10P130	6:00	10	3.5	115	403								2						
						0														
						230	805	72	83	1750	305									
DRILL STRING											GEOLOGIC				GENERAL INFO					
BOTTOM HOLE ASSEMBLY#	LENGTH	O.D.	I.D.	FORMATION	MD	TVD	LITHO LOGY			RIG INFO										
Bit	1.50	17.5"		Green River	Surface					Rig Ph: 435-427-5404										
Directional tools	82.78	8"								Co Ph: 435-427-5402										
Shock Sub	12.55	8"								Last BOP Test 4/21										
3-8" Drill Collars	92.37	8"								Next BOP Test 5/21										
Cross Over	2.22	8"				32	0	0	0	Last Safety Meeting 4/20										
3-6.5" Drill Collars	89.17	6.5"								Last BOP Drill LW										
14-5" HWDP	393.37	5"				0				Last Operate Pipe Rar 4/20										
1-Jars	31.49	6.500								Last Operate Blind Ra 4/20										
3 Jts-5-	89.84									Last Operate Annular 4/20										
STRING WT.	BHA WT.	PU WT.	SO WT.	ROY. TORQUE	GRD. ELEVATION	GL TO KB	KB ELEVATION	SURF CSG	INT CASING 1	INT CASING 2	PROD CSG									
110,000	45,000	111,000	108,000	791	6,605	25	6,631													
SURVEYS																				
MD	INCL.	AZIMUTH	TVD	N+S-	E+W-	SECTION	DLS	TOOL	MD	INCL.	AZIMUTH	TVD	N+S-	E+W-	SECTION	DLS	TOOL			
								MWD									MWD			
								MWD									MWD			
DAILY ACTIVITY																				
FROM			LAST 24 HOURS:																	
0:00	1:30	1.50	Run 43 jts. 13-3/8" J55 68# Buttress thread casing																	
1:30	4:00	2.50	Wash casing 5' to bottom circ. Thin mud back to 38 vis for cementing																	
4:00	7:00	3.00	Held safety meeting rig up & cement casing																	
7:00	11:00	4.00	Wait on cement																	
11:00	16:30	5.50	Cut off weld on well head test to 1000 psi. held good																	
16:30	0:00	7.50	Nippel up Bops																	
19:00																				
0:00																				
0:00			Cemented casing with 485 sks. Of lead cement CBM LITE standrd cbc lite blend w/salt,.125#/sk pol-e-flake																	
0:00			Weight (lb/gal) 10.50 Yeild (cuft/sk) 4.29 Water (gal/sk) 28																	
0:00			Follow with tail cement Weight 15.6 lb/gal. Yeild 1.2 cuft/sk Water 5.22gal/sk.																	
0:00			Displace with 291 bbls. H2O bumped plug pressure up to 1050 psi. float held good																	
0:00			Pumped 130 bbls. Of cement to reserve pit. Cement did not drop stayed @ ground level.																	
0:00																				
0:00																				
0:00																				
0:00																				
0:00																				
0:00			1997' Nippel up Bop																	
Daily Total		24.00																		
SEE ATTACHED COST DETAIL PAGE FOR ESTIMATED DRY HOLE COSTS																				

Operator: Wolverine Operating Co of Utah

DAILY DRILLING REPORT

24 hrs - midnight to midnight

DATE	WELL	CONTRACTOR	COUNTY, STATE	SPUD DATE	API#	SUPERVISOR
04/25/07	Wolverine Milburn 25-1	SST #68	Sanpete, UT	4/14/07	43-039-30035	Steve Hash
DAYS F/SPUD	PRESENT OPERATIONS @ 2400 Hour	TOTAL DEPTH	PROGRESS	DRILLING TIME	ROP	FORMATION AUTH. DEPTH
12	Trip in hole	3,866	385	16.00	24.1	Dakota 12620

MUD DATA

DATE/TIME	DEPTH	WT	VIS	PV	YP	GELS	FILTRATE	CAKE/32	SOLIDS	SAND	PH	SALT	CHLORIDES	CALCIUM	LCM
4/25 -800a	3677	8.7	49	16	18	10/15	7.0	1	3.5	tr	8.5	1,320	800	100	0

BIT DATA

BIT NO.	SIZE	MFG.	TYPE	IADC CODE	SERIAL NO.	JETS (1/32nd") or TFA				IN	OUT	FOOTAGE	HOURS	ROP	MTR	RPM	WOB	DULL CONDITION		
						T	B	G												
1	17.500	Russia	SB2-DGP	517	20550906	26	26	26	26	133	1997	1864	93.00	20.0	Y	40-100	23-40	2	F	IN
2	12.250	Reed	HP-53A	527	Rerun					1997	2010	13	0.50	26.0	N	50	20	4	2	IN
3	8.750	Security	ERA-17	437	712721	14	14	14		2010	3866	1856	74.00	25.1	Y	40-110	20-25	8	F	IN
4	8.750	Reed	HP52AKPR		LR2076	12	12	12		3866				#DIV/0!	Y	40-110	20-25			

HYDRAULICS

SLOW PUMP PSI

PUMP NO.	MANUFACTURER	LINER	STROKE LENGTH	GAL / STK 100%	SPM	GPM	AV DP	AV DC	PUMP PRESS.	MTR DIFF	SLIDE? ROTATE?	HHP / IN ²	ECD	DEPTH	2450	SPM	50
1	National 10P130	6"	10	3.5	120	420								1	200		
2	National 10P130	6"	10	3.5		0								2			
CONFIDENTIAL REPORT																	
						120	420	71	270	1450	100	Rotate					

DRILL STRING

GEOLOGIC

GENERAL INFO

BOTTOM HOLE ASSEMBLY#	LENGTH	O.D.	I.D.	FORMATION	MD	TVD	LITHO LOGY	RIG INFO			
Bit	1.00	8-3/4"		Price River	2,990			SST Ph:	435-427-5404		
Directional tools	60.89	6-1/2"						Co Ph:	435-427-5402		
4-1/2IF Box-4-1/2XH Pin	1.98	6-1/2"						Last BOP Test	4/21		
								Next BOP Test	5/21		
(5) 6.5" Drill Collars	145.76				38	5	0	Last Safety Meeting	4/25		
(14) 5" HWDP	425.22	6-1/2"	2-3/8"					Last BOP Drill	4/21		
(1) Jars	32.45	5"	3-3/4"	0				Last Operate Pipe Rar	4/25		
(3) 5" HWDP	91.54	6.500	2-1/2"					Last Operate Blind Ra	4/25		
TOTAL	758.84							Last Operate Annular	4/25		
STRING WT.	BHA WT.	PU WT.	SO WT.	ROT. TORQUE	GRD. ELEVATION	GL TO KB	KB ELEVATION	SURF CSG	INT CASING 1	INT CASING 2	PROD CSG
112,000	40,000	120,000	101,000	785	6,605	25	6,631	1,995			5-1/2" @ 12620

SURVEYS

MD	INCL.	AZIMUTH	TVD	N+S-	E+/W-	SECTION	DLS	TOOL	MD	INCL.	AZIMUTH	TVD	N+S-	E+/W-	SECTION	DLS	TOOL
3,539	1.80	176.00	3538	-14	15	-14	0.16	MWD									MWD
								MWD									MWD

DAILY ACTIVITY

FROM	LAST 24 HOURS:		
0:00	16:00	16:00	Drill & slide from 3481 to 3866 with surveys
16:00	16:30	0.50	Rig service
16:30	20:30	4.00	TOH for NB#4
20:30	22:30	2.00	Change bit & mud motor; function PR, BR & Annular
22:30	0:00	1.50	TIH to 1999; prep to slip & cut drlg line
0:00			
0:00			
0:00			
0:00			
0:00			
0:00			seeping slowed to 2-4 bph
0:00			
0:00			
0:00			
0:00			
0:00			
0:00			
0:00			
0:00			
Daily Total	24.00		

SEE ATTACHED COST DETAIL PAGE FOR ESTIMATED DRY HOLE COSTS

Engineering & Supervision

EXACT Engineering, Inc.

(918) 599-9400

Operator: Wolverine Operating Co of Utah

DAILY DRILLING REPORT

24 hrs - midnight to midnight

Table with 8 columns: DATE, WELL, CONTRACTOR, COUNTY, STATE, SPUD DATE, AP#, SUPERVISOR. Values include 04/28/07, Wolverine Milburn 25-1, SST #68, Sanpete, UT, 4/14/07, 43-039-30035, Steve Hash.

Table with 8 columns: DAYS F/SPUD, PRESENT OPERATIONS @ 2400 Hour, TOTAL DEPTH, PROGRESS, DRILLING TIME, ROP, TD FORMATION, AUTH. DEPTH. Values include 15, Drilling, 4,875, 500, 24.00, 20.8, Dakota, 12620.

MUD DATA

Table with 16 columns: DATE/TIME, DEPTH, WT, VIS, PV, YP, GELS, FILTRATE, CAKE/32, SOLIDS, SAND, PH, CHLORIDES, CALCIUM, SALT, LCM. Values include 4/28-8:00a, 4575, 8.7, 48, 15, 18, 10/15, 8.0, 1, 3.5, tr, 9.6, 800, 100, 1320, 0.

BIT DATA

Table with 16 columns: BIT NO., SIZE, MFG., TYPE, IADC CODE, SERIAL NO., JETS (1/32nd) or TFA, IN, OUT, FOOTAGE, HOURS, ROP, MTR, RPM, WOB, DULL CONDITION. Values include 4, 8.750, Reed, HP52AKPR, 527, LR2076, 12, 12, 12, 3866, 1009, 51.50, 19.6, Y, 40-110, 20.

HYDRAULICS

SLOW PUMP PSI

Table with 16 columns: PUMP NO., MANUFACTURER, LINER, STROKE LENGTH, GAL / STK 100%, SPM, GPM, AV DP, AV DC, PUMP PRESS., MTR DIFF PSI, SLIDE OR ROTATE, HHP / IN², ECD, DEPTH, 4367, 4150, 4150. Includes a large 'CONFIDENTIAL REPORT' watermark.

DRILL STRING

GEOLOGIC

GENERAL INFO

Large table with multiple columns: BOTTOM HOLE ASSEMBLY, LENGTH, O.D., I.D., FORMATION, MD, TVD, LITHO LOGY, RIG INFO. Includes details for Bit, Directional tools, 4-1/2IF Box-4-1/2XH Pin, (5) 6.5" Drill Collars, (14) 5" HWDP, (1) Jars, (3) 5" HWDP, and summary rows for STRING WT, BHA WT, PU WT, SO WT, ROT. TORQUE, GRD. ELEVATION, GL TO KB, KB ELEVATION, SURF CSG, INT CASING 1, INT CASING 2, PROD CSG.

SURVEYS

Table with 16 columns: MD, INCL, AZIMUTH, TVD, N-/S-, E-/W-, SECTION, DLS, TOOL, MD, INCL, AZIMUTH, TVD, N-/S-, E-/W-, SECTION, DLS, TOOL. Values include 4,478, 0.80, 115.20, 4477, -10, 18, -10, 0.88, MWD, 4,665, 0.40, 42.70, 4664, -11, 20, -11, 1.15, MWD.

DAILY ACTIVITY

Table with 4 columns: FROM, TO, TIME, ACTIVITY. Shows 'LAST 24 HOURS:' with activity 'Drill and slide from 4375' to 4875' with surveys' from 0:00 to 24:00.

SEE ATTACHED COST DETAIL PAGE FOR ESTIMATED DRY HOLE COSTS

Engineering & Supervision		EXACT Engineering, Inc.				(918) 599-9400															
Operator: Wolverine Operating Co of Utah		DAILY DRILLING REPORT				24 hrs - midnight to midnight															
DATE	WELL	CONTRACTOR		COUNTY, STATE	SPUD DATE	API#		SUPERVISOR													
05/04/07	Wolverine Milburn 25-1	SST #68		Sanpete, UT	4/14/07	43-039-30035		Steve Hash													
DAYS F/SPUD	PRESENT OPERATIONS @ 2400 Hour	TOTAL DEPTH	PROGRESS	DRILLING TIME	ROP	TD FORMATION	AUTH. DEPTH														
21	Drilling	5,906	87	8.00	10.9	Dakota	12620														
MUD DATA																					
DATE/TIME	DEPTH	WT	VIS	PV	YP	GELS	FILTRATE	CAKE/32	SOLIDS	SAND	PH	CHLORIDES	CALCIUM	SALT	LCM						
5/4 - 8:00a	5819	8.7	42	15	10	7/12	8.0	1	3.50	tr	10.1	800	100	1320	0						
BIT DATA																					
BIT NO.	SIZE	MFG.	TYPE	IADC CODE	SERIAL NO.	JETS (1/32nd" or TFA)			IN	OUT	FOOTAGE	HOURS	ROP	MTR	RPM	WOB	DULL CONDITION				
7	8.750	Reed	HP51AKPR	517	MM9590	12	12	12			5463	5819	356	28.00	12.7	Y	40+110	20	8	F	3/8 TQ
8	8.750	Smith	FH40DOD1VPE	617	PF4360	13	13	13			5819		87	8.00	10.9	Y	40+110	20-25			
																Y	40+110				
																Y	40+110				
HYDRAULICS										SLOW PUMP PSI											
PUMP NO.	MANUFACTURER	LINER	STROKE LENGTH	GAL / STK 100%	SPM	GPM	AV DP	AV DC	PUMP PRESS.	MOTOR DIFF PSI	SLIDE OR ROTATE	HHP / IN ²	ECD	DEPTH	4367	5024	5059				
1	National 10P130	6"	10	3.5	120	420								1			600				
2	National 10P130	6"	10	3.5		0								2	450	510	600				
						0															
					120	420	80	254	1600	65	rotate	3.55	8.9								
DRILL STRING										GEOLOGIC			GENERAL INFO								
BOTTOM HOLE ASSEMBLY#	7	LENGTH	O.D.	I.D.	FORMATION	MD	TVD	LITHO LOGY		RIG INFO											
Bit		1.00	8-3/4"		Price River	2,990				Co Man 435-427-5402											
Directional tools		61.54	6-1/2"		Castlegate	4,602				Geol/Vendors 435-427-5403											
4-1/2IF Box-4-1/2XH Pin		3.12	6-1/2"		Blackhawk	4,778				Toolpusher 435-427-5404											
					GAS DATA																
					BOTTOMS UP TIME	BG GAS	CONN GAS	TRIP GAS		Last BOP Test 4/21											
(5) 6.5" Drill Collars		145.76			48	7	0	0		Next BOP Test 5/21											
					SHOWS																
(14) 5" HWDP		425.22	6-1/2"	2-3/8"	GAS UNITS	FROM	TO	ROP (FT/HR)		Last Safety Meeting 5/4											
(1) Jars		32.45	5"	3-3/4"	0					Last BOP Drill 5/4											
(3) 5" HWDP		91.54	6.500	2-1/2"						Last Operate Pipe Rar 5/2											
TOTAL		760.63								Last Operate Blind Ra 5/3											
										Last Operate Annular 4/26											
STRING WT.	BHA WT.	PU WT.	SO WT.	ROT. TORQUE	GRD. ELEVATION	GL TO KB	KB ELEVATION	SURF CSG	INT CASING 1	INT CASING 2	PROD CSG										
175,000	40,000	200,000	150,000	1,200	6,605	25	6,631	1,995			5-1/2" @ 12620										
SURVEYS																					
MD	INCL.	AZIMUTH	TVD	N-S	E- / W-	SECTION	DLS	TOOL	MD	INCL.	AZIMUTH	TVD	N-S	E- / W-	SECTION	DLS	TOOL				
5,605	1.00	129.50	5603	-15	34	-15	1.47	MWD	5,793	1.00	166.30	5791	-15	36	-15	1.61	MWD				
5,699	0.70	40.90	5697	-15	35	-15	1.28	MWD	5,889	0.70	83.40	5887	-16	37	-16	1.20	MWD				
DAILY ACTIVITY																					
FROM	TO	HRS	LAST 24 HOURS:																		
0:00	6:00	6.00	TIH, test MWD, fill pipe @ 1900 & 3400																		
6:00	10:30	4.50	Ream out of gage hole 5463 - 5819																		
10:30	15:00	4.50	Drill 5819 to 5862; monitor psi loss																		
15:00	16:00	1.00	Circulate & troubleshoot																		
16:00	18:30	2.50	TOH, find hole in DP @ 2700, replace, regain psi																		
18:30	20:30	2.00	TIH																		
20:30	0:00	3.50	Drill 5862' to 5906'																		
0:00																					
0:00																					
0:00																					
0:00																					
0:00																					
0:00																					
0:00																					
0:00																					
0:00																					
0:00			10am utah; drlg @ 6027; 16 fph; mw 8.7																		
0:00																					
0:00																					
0:00																					
Daily Total		24.00																			
SEE ATTACHED COST DETAIL PAGE FOR ESTIMATED DRY HOLE COSTS																					

Engineering & Supervision		EXACT Engineering, Inc.				(918) 599-9400															
Operator: Wolverine Operating Co of Utah		DAILY DRILLING REPORT				24 hrs - midnight to midnight															
DATE	WELL	CONTRACTOR		COUNTY, STATE	SPUD DATE	AP#		SUPERVISOR													
05/06/07	Wolverine Milburn 25-1	SST #68		Sanpete, UT	4/14/07	43-039-30035		Steve Hash													
DAYS F/SPUD	PRESENT OPERATIONS @ 2400 Hour		TOTAL DEPTH	PROGRESS	DRILLING TIME	ROP	TD FORMATION	AUTH. DEPTH													
23	Trip		6,395	185	19.00	9.7	Dakota	12620													
MUD DATA																					
DATE/TIME	DEPTH	WT	VIS	PV	YP	GELS	FILTRATE	CAKE/32	SOLIDS	SAND	PH	CHLORIDES	CALCIUM	SALT	LCM						
5/6-8:00a	6307	8.7	43	15	15	8/12	6.0	1	3.50	tr	10.7	800	100	1320	0						
BIT DATA																					
BIT NO.	SIZE	MFG.	TYPE	IADC CODE	SERIAL NO.	JETS (1/32nd) or TFA			IN	OUT	FOOTAGE	HOURS	ROP	MTR	RPM	WOB	DULL CONDITION				
7	8.750	Reed	HP51AKPR	517	MM9590	12	12	12			5463	5819	356	28.00	12.7	Y	40+110	20	8	F	3/8 TO
8	8.750	Smith	FH40DOD1VPC	617	PF4360	13	13	13			5819	6395	576	51.00	11.3	Y	40+110	20-30	5	E	1/8 ROP
9	8.750	Smith	FH30VPS	537	PF6965	12	12	12			6395				#DIV/0!	Y	40+110				
															#DIV/0!	Y	40+110				
HYDRAULICS											SLOW PUMP PSI										
PUMP NO.	MANUFACTURER	LINER	STROKE LENGTH	GAL / STK 100%	SPM	GPM	AV DP	AV DC	PUMP PRESS.	MOTOR DIFF PSI	SLIDE OR ROTATE	HHP / IN ²	ECD	DEPTH	6190	5024	5059				
1	National 10P130	6"	10	3.5	120	420								1	600		600				
2	National 10P130	6"	10	3.5		0								2		510	600				
						0															
					120	420	80	254	1900	265	rotate	3.55	8.9								
DRILL STRING											GEOLOGIC					GENERAL INFO					
BOTTOM HOLE ASSEMBLY	7	LENGTH	O.D.	I.D.	FORMATION	MD	TVD	LITHO LOGY	RIG INFO												
Bit		1.00	8-3/4"		Price River	2,990			Co Man 435-427-5402												
Directional tools		61.54	6-1/2"		Castlegate	4,602			Geol/Vendors 435-427-5403												
4-1/2IF Box-4-1/2XH Pin		3.12	6-1/2"		Blackhawk	4,778			Toolpusher 435-427-5404												
					GAS DATA																
					BOTTOMS UP TIME	BG GAS	CONN GAS	TRIP GAS	Last BOP Test			4/21									
(5) 6.5" Drill Collars					145.76	53	6	0	0	Next BOP Test			5/21								
					SHOWS			Last Safety Meeting			5/6										
(14) 5" HWDP					425.22	6-1/2"	2-3/8"	GAS UNITS	FROM	TO	ROP (FT/HR)	Last BOP Drill	5/6								
(1) Jars					32.45	5"	3-3/4"	0				Last Operate Pipe Rar	5/2								
(3) 5" HWDP					91.54	6.500	2-1/2"					Last Operate Blind Ra	5/3								
TOTAL					760.63							Last Operate Annular	4/26								
STRING WT.	BHA WT.	PU WT.	SO WT.	ROT. TORQUE	GRD. ELEVATION	GL TO KB	KB ELEVATION	SURF CSG	INT CASING 1	INT CASING 2	PROD CSG	5-1/2" @ 12620									
175,000	40,000	210,000	160,000	1,300	6,605	25	6,631	1,995													
SURVEYS																					
MD	INCL.	AZIMUTH	TVD	N-S	E-W	SECTION	DLS	TOOL	MD	INCL.	AZIMUTH	TVD	N-S	E-W	SECTION	DLS	TOOL				
5,985	1.10	105.10	5983	-16	-38	-16	0.54	MWD													
6,078	0.50	123.00	6076	-16	-39	-16	0.69	MWD													
DAILY ACTIVITY																					
FROM	TO	HRS	LAST 24 HOURS:																		
0:00	19:00	19.00	Drill from 6210' to 6395' w/ surveys & rig service																		
19:00	19:30	0.50	Circ & pump dry job																		
19:30	22:00	2.50	TOH for bit																		
22:00	0:00	2.00	Change bit, motor, drlg jars & MWD																		
0:00																					
0:00																					
0:00																					
0:00																					
0:00																					
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0:00																					
0:00																					
0:00																					
0:00																					
0:00																					
0:00																					
Daily Total		24.00																			

SEE ATTACHED COST DETAIL PAGE FOR ESTIMATED DRY HOLE COSTS

Engineering & Supervision		EXACT Engineering, Inc.				(918) 599-9400															
Operator: Wolverine Operating Co of Utah		DAILY DRILLING REPORT				24 hrs - midnight to midnight															
DATE	WELL	CONTRACTOR		COUNTY, STATE	SPUD DATE	API#		SUPERVISOR													
05/07/07	Wolverine Milburn 25-1	SST #68		Sanpete, UT	4/14/07	43-039-30035		Steve Hash													
DAYS F/SPUD	PRESENT OPERATIONS @ 2400 Hour	TOTAL DEPTH		PROGRESS	DRILLING TIME	ROP	TD FORMATION	AUTH. DEPTH													
24	Drilling	6,627		232	16.50	14.1	Dakota	12620													
MUD DATA																					
DATE/TIME	DEPTH	WT	VIS	PV	YP	GELS	FILTRATE	CAKE/32	SOLIDS	SAND	PH	CHLORIDES	CALCIUM	SALT	LCM						
5/7 -8:00a	6416	8.7	40	15	10	6/12	6.8	1	3.75	tr	10.8	800	100	1320	0						
BIT DATA																					
BIT NO.	SIZE	MFG.	TYPE	IADC CODE	SERIAL NO.	JETS (1/32nd" or TFA)			IN	OUT	FOOTAGE	HOURS	ROP	MTR	RPM	WOB	DULL CONDITION				
7	8.750	Reed	HP51AKPR	517	MM9590	12	12	12			5463	5819	356	28.00	12.7	Y	40+110	20	8	F	3/8 TQ
8	8.750	Smith	FH400D1VPC	617	PF4360	13	13	13			5819	6395	576	51.00	11.3	Y	40+110	20-30	5	E	1/8 ROP
9	8.750	Smith	FH30VPS	537	PF6965	12	12	12			6395		232	16.50	14.1	Y	40+110	20-25			
																Y	40+110				
HYDRAULICS										SLOW PUMP PSI											
PUMP NO.	MANUFACTURER	LINER	STROKE LENGTH	GAL / STK 100%	SPM	GPM	AV DP	AV DC	PUMP PRESS.	MOTOR DIFF PSI	SLIDE OR ROTATE	HHP / IN ²	ECD	DEPTH	6190	5024	5059				
1	National 10P130	6"	10	3.5	120	420								1	600		600				
2	National 10P130	6"	10	3.5		0								2		510	600				
						0															
					120	420	80	254	1750	140	rotate	5.25	8.9								
DRILL STRING										GEOLOGIC			GENERAL INFO								
BOTTOM HOLE ASSEMBLY#	8	LENGTH	O.D.	I.D.	FORMATION	MD	TVD		LITHO LOGY		RIG INFO										
Bit		1.00	8-3/4"		Price River	2,990					Co Man 435-427-5402										
Directional tools		60.90	6-1/2"		Castlegate	4,602					Geol/Vendors 435-427-5403										
4-1/2IF Box-4-1/2XH Pin		3.12	6-1/2"		Blackhawk	4,778					Toolpusher 435-427-5404										
					GAS DATA		TRIP GAS				Last BOP Test 4/21										
(5) 6.5" Drill Collars		145.76			53	6	0		0		Next BOP Test 5/21										
					SHOWS						Last Safety Meeting 5/7										
(14) 5" HWDP		425.22	6-1/2"	2-3/8"	GAS UNITS	FROM	TO		ROP (FT/HR)		Last BOP Drill 5/7										
(1) Jars		32.55	5"	3-3/4"	0						Last Operate Pipe Rar 5/2										
(3) 5" HWDP		91.54	6.500	2-1/2"							Last Operate Blind Ra 5/3										
TOTAL		760.09									Last Operate Annular 4/26										
STRING WT.	BHA WT.	PU WT.	SO WT.	ROT. TORQUE	GRD. ELEVATION	GL TO KB	KB ELEVATION	SURF CSG	INT CASING 1	INT CASING 2	PROD CSG										
175,000	40,000	210,000	160,000	1,300	6,605	25	6,631	1,995			5-1/2" @ 12620										
SURVEYS																					
MD	INCL.	AZIMUTH	TVD	N-S	E-W	SECTION	DLS	TOOL	MD	INCL.	AZIMUTH	TVD	N-S	E-W	SECTION	DLS	TOOL				
6,173	0.90	93.80	6171	-17	40	-17	0.55	MWD	6,456	1.10	274.60	6454	-18	40	-18	0.41	MWD				
6,268	1.10	120.30	6266	-17	42	-17	0.52	MWD	6,551	1.00	321.90	6549	-17	38	-17	.89	MWD				
DAILY ACTIVITY																					
FROM	TO	HRS	LAST 24 HOURS:																		
0:00	0:30	0.50	Change bit, motor, drlg jars & MWD																		
0:30	2:00	1.50	Test MWD, RIH w/ BHA, chg corrosion ring,																		
2:00	3:30	1.50	Cut drlg line, chg shaker screens																		
3:30	6:00	2.50	TIH to 4100, fill pipe, TIH to 6250'																		
6:00	7:00	1.00	Ream 6250' to 6395'																		
7:00	14:30	7.50	Drill 6395' to 6502'																		
14:30	15:00	0.50	BOP drill & rig service																		
15:00	0:00	9.00	Drill 6502' to 6627'																		
0:00																					
0:00																					
0:00																					
0:00																					
0:00																					
0:00																					
0:00																					
0:00			6am utah; drlg @ 6692																		
0:00																					
0:00																					
0:00																					
0:00																					
Daily Total		24.00																			

SEE ATTACHED COST DETAIL PAGE FOR ESTIMATED DRY HOLE COSTS

Operator: Wolverine Operating Co of Utah

DAILY DRILLING REPORT

24 hrs - midnight to midnight

DATE 05/08/07	WELL Wolverine Milburn 25-1	CONTRACTOR SST #68	COUNTY, STATE Sanpete, UT	SPUD DATE 4/14/07	AP# 43-039-30035	SUPERVISOR Steve Hash
DAYS F/SPUD 25	PRESENT OPERATIONS @ 2400 Hour Trip	TOTAL DEPTH 6,756	PROGRESS 129	DRILLING TIME 14.00	ROP 9.2	TD FORMATION Dakota
		AUTH. DEPTH 12620				

MUD DATA

DATE/TIME	DEPTH	WT	VIS	PV	YP	GELS	FILTRATE	CAKE/32	SOLIDS	SAND	PH	CHLORIDES	CALCIUM	SALT	LCM
5/8 -8:00a	6712	8.7	55	24	19	11/16	6.8	1	3.75	tr	10.4	800	100	1320	0

BIT DATA

BIT NO.	SIZE	MFG.	TYPE	IADC CODE	SERIAL NO.	JETS (1/32nd" or TFA)						IN	OUT	FOOTAGE	HOURS	ROP	MTR	RPM RT-MTR	WOB	DULL CONDITION							
						T	B	G																			
9	8.750	Smith	FH30VPS	537	PF6965	12	12	12					6395	6756	361	30.50	11.8	Y	40+110	20-25	6	E	1/8	ROP			
10	8.750	Ulterra	MS-1666B		2854	14	14	14	14	14	14		6756														

HYDRAULICS

SLOW PUMP PSI

PUMP NO.	MANUFACTURER	LINER	STROKE LENGTH	GAL / STK 100%	SPM	GPM	AV DP	AV DC	PUMP PRESS.	MOTOR DIFF PSI	SLIDE OR ROTATE	HHP / IN ²	ECD	DEPTH	6190	5024	5059
														SPM	60	52	54
1	National 10P130	6"	10	3.5	120	420								1	600		600
2	National 10P130	6"	10	3.5		0								2		510	600
						0											
					120	420	80	254	1750	140	rotate	5.25	8.9				

CONFIDENTIAL REPORT

DRILL STRING

GEOLOGIC

GENERAL INFO

BOTTOM HOLE ASSEMBLY#	LENGTH	O.D.	I.D.	FORMATION	MD	TVD	LITHO LOGY	RIG INFO	
Bit	1.00	8-3/4"		Price River	2,990			Co Man	435-427-5402
Directional tools	60.90	6-1/2"		Castlegate	4,602			Geol/Vendors	435-427-5403
4-1/2IF Box-4-1/2XH Pin	3.12	6-1/2"		Blackhawk	4,778			Toolpusher	435-427-5404
				GAS DATA					
				BOTTOMS UP TIME	BG GAS	CONN GAS	TRIP GAS		
(5) 6.5" Drill Collars	145.76			53	6	0	0	Last BOP Test	4/21
				SHOWS					
(14) 5" HWDP	425.22	6-1/2"	2-3/8"	GAS UNITS	FROM	TO	ROP (FT/HR)	Last Safety Meeting	5/8
(1) Jars	32.55	5"	3-3/4"	0				Last BOP Drill	5/7
(3) 5" HWDP	91.54	6.500	2-1/2"					Last Operate Pipe Rar	5/2
TOTAL	760.09							Last Operate Blind Ra	5/3
SPRING WT.	BHA WT.	PU WT.	SO WT.	ROT. TORQUE	GRD. ELEVATION	GL TO KB	KB ELEVATION	SURF CSG	INT CASING 1
175,000	40,000	210,000	160,000	1,300	6,605	25	6,631	1,995	INT CASING 2
									PROD CSG
									5-1/2" @ 12620

SURVEYS

MD	INCL.	AZIMUTH	TVD	N-S-	E-W-	SECTION	DLS	TOOL	MD	INCL.	AZIMUTH	TVD	N-S-	E-W-	SECTION	DLS	TOOL
6,173	0.90	93.80	6171	-17	40	-17	0.55	MWD	6,456	1.10	274.60	6454	-18	40	-18	0.41	MWD
6,268	1.10	120.30	6266	-17	42	-17	0.52	MWD	6,551	1.00	321.90	6549	-17	38	-17	.89	MWD

DAILY ACTIVITY

FROM	TO	HRS	LAST 24 HOURS:
0:00	14:00	14.00	Drill 6627' to 6756'
14:00	14:30	0.50	Rig service
14:30	15:30	1.00	Circulate & pump flag
15:30	19:00	3.50	TOH
19:00	21:00	2.00	Handle BHA, chg bit, motor, monel drill collar
21:00	23:30	2.50	Repair - work on traction motor
23:30	0:00	0.50	TIH, test MWD good
0:00			
0:00			
0:00			
0:00			
0:00			
0:00			
0:00			
0:00			
0:00			
0:00			
0:00			
0:00			
0:00			
0:00			
0:00			
0:00			
Daily Total		24.00	

SEE ATTACHED COST DETAIL PAGE FOR ESTIMATED DRY HOLE COSTS

Engineering & Supervision		EXACT Engineering, Inc.				(918) 599-9400															
Operator: Wolverine Operating Co of Utah		DAILY DRILLING REPORT				24 hrs - midnight to midnight															
DATE	WELL	CONTRACTOR		COUNTY, STATE	SPUD DATE	API#		SUPERVISOR													
05/26/07	Wolverine Milburn 25-1	SST #68		Sanpete, UT	4/14/07	43-039-30035		Rodger Rebsom													
DAYS F/ SPUD	PRESENT OPERATIONS @ 2400 Hour		TOTAL DEPTH	PROGRESS	DRILLING TIME		ROP	TD FORMATION	AUTH. DEPTH												
43	Drilling		9,760	202	20.00		10.1	Dakota	12620												
MUD DATA																					
DATE/TIME	DEPTH	WT	VIS	PV	YP	GELS	FILTRATE	CAKE/32	SOLIDS	SAND	PH	CHLORIDES	CALCIUM	KCL	LCM						
5/26-8:00a	9678	8.8	88	25	30	15/29	10.0	1	3.25	tr	9.0	20,000	110	3.50%	0						
BIT DATA																					
BIT NO.	SIZE	MFG.	TYPE	IADC CODE	SERIAL NO.	JETS (1/32nd" or TFA)			IN	OUT	FOOTAGE	HOURS	ROP	MTR	RPM	WOB	DULL CONDITION				
16	8.750	Reed	EHP53ADHOD	537	E25481	16	16	16			8994	9391	379	41.50	9.1	Y	28-110	25-30	6	2	1/8"
17	8.750	Reed	TD63ADHOD	617	74197	16	16	16			9391		369	37.00	9.9	Y	28-110	25-30			
																Y					
																Y					
HYDRAULICS												SLOW PUMP PSI									
PUMP NO.	MANUFACTURER	LINER	STROKE LENGTH	GAL / STK 100%	SPM	GPM	AV DP	AV DC	PUMP PRESS.	MOTOR DIFF PSI	SLIDE OR ROTATE	HHP / IN ²	ECD	DEPTH	9663						
1	National 10P130	6"	10	3.5	120	420								1	450						
2	National 10P130	6"	10	3.5		0								2	450						
						0															
						120	420	80	254	1850	165	SLIDE	5.25	8.9							
DRILL STRING												GEOLOGIC				GENERAL INFO					
BOTTOM HOLE ASSEMBLY# 16		LENGTH	O.D.	I.D.	FORMATION	MD	TVD		LITHO LOGY			RIG INFO									
Bit		1.00	8-3/4"		Upper Blue				Sh%SS%SLTST%C%			Co Man 435-427-5402									
Directional tools		94.38	6-1/2"		Gate	7,100	7,098		20-30-30-40-30-40-5			Geol/Vendors 435-427-5403									
4-1/2IF Box-4-1/2XH Pin		3.12	6-1/2"									Toolpusher 435-427-5404									
					BOTTOMS UP TIME		BG GAS	GAS DATA		CONN GAS		TRIP GAS		Last BOP Test		5/21					
(3) 6.5" Drill Collars		92.76			66	8-20	Nil				Nil		Next BOP Test		6/21						
					SHOWS								Last Safety Meeting		5/26						
(14) 5" HWDP		425.22	6-1/2"	2-3/8"	GAS UNITS	FROM	TO		ROP (FT/HR)				Last BOP Drill		5/26						
(1) Jars		32.51	5"	3-3/4"	56	8,188	8,192		56'				Last Operate Pipe Rar		5/21						
(3) 5" HWDP		91.54	6.500	2-1/2"									Last Operate Blind Ra		5/23						
TOTAL		740.53											Last Operate Annular		5/21						
STRING WT.	BHA WT.	PU WT.	SO WT.	ROT. TORQUE	GRD. ELEVATION	GL TO KB	KB ELEVATION	SURF CSG	INT CASING 1	INT CASING 2	PROD CSG	5-1/2" @ 12620									
231,000	35,000	330	195,000	1,780	6,605	25	6,631	1,995													
SURVEYS																					
MD	INCL.	AZIMUTH	TVD	N-S-	E-W-	SECTION	DLS	TOOL	MD	INCL.	AZIMUTH	TVD	N-S-	E-W-	SECTION	DLS	TOOL				
9,563	4.00	178.20	9552	-75	228	-75	6.07	MWD									MWD				
9,658	1.70	5.70	9647	-77	228	-77	5.99	MWD									MWD				
DAILY ACTIVITY																					
FROM	TO	HRS	LAST 24 HOURS:																		
0:00	6:30	6.50	Drill & Slide from 9558' to 9617'																		
6:30	7:00	0.50	Ream & Survey																		
7:00	7:30	0.50	Drill & Slide from 9617' to 9627'																		
7:30	8:00	0.50	Ream																		
8:00	9:00	1.00	Drill & Slide from 9627' to 9641'																		
9:00	9:30	0.50	Ream & Survey																		
9:30	11:00	1.50	Drill & Slide from 9641' to 9663'																		
11:00	12:30	1.50	Ream-Work air out of mud																		
12:30	15:00	2.50	Drill & Slide from 9663' to 9690'																		
15:00	15:30	0.50	Ream & Survey																		
15:30	20:30	5.00	Drill & Slide from 9690' to 9736'																		
20:30	21:00	0.50	Ream & Survey																		
21:00	0:00	3.00	Drill & Slide from 9736' to 9760'																		
0:00																					
0:00																					
0:00																					
0:00			9800' Drilling @ 0500 hr.																		
0:00																					
0:00																					
Daily Total		24.00																			
SEE ATTACHED COST DETAIL PAGE FOR ESTIMATED DRY HOLE COSTS																					

Engineering & Supervision		EXACT Engineering, Inc.				(918) 599-9400													
Operator: Wolverine Operating Co of Utah		DAILY DRILLING REPORT				24 hrs - midnight to midnight													
DATE	WELL	CONTRACTOR		COUNTY, STATE	SPUD DATE	API#		SUPERVISOR											
05/27/07	Wolverine Milburn 25-1	SST #68		Sanpete, UT	4/14/07	43-039-30035		Rodger Rebsom											
DAYS F/SPUD	PRESENT OPERATIONS @ 2400 Hour	TOTAL DEPTH	PROGRESS	DRILLING TIME	ROP	TD FORMATION	AUTH. DEPTH												
44	Drilling	9,975	215	21.00	10.2	Dakota	12620												
MUD DATA																			
DATE/TIME	DEPTH	WT	VIS	PV	YP	GELS	FILTRATE	CAKE/32	SOLIDS	SAND	PH	CHLORIDES	CALCIUM	KCL	LCM				
5/27-8:00a	9831	8.8	42	10	10	6/10	7.0	1	2.75	tr	9.7	26,000	120	4.50%	0				
BIT DATA																			
BIT NO.	SIZE	MFG.	TYPE	IADC CODE	SERIAL NO.	JETS (1/32nd" or TFA)			IN	OUT	FOOTAGE	HOURS	ROP	MTR	RPM	WOB	DULL CONDITION		
17	8.750	Reed	TD63ADHOD	617	74197	16	16	16			9391		584	58.00	10.1	Y	28-110	25-30	
						16	16	16							Y				
															#DIV/0!	Y			
															#DIV/0!	Y			
HYDRAULICS										SLOW PUMP PSI									
PUMP NO.	MANUFACTURER	LINER	STROKE LENGTH	GAL / STK 100%	SPM	GPM	AV DP	AV DC	PUMP PRESS.	MOTOR DIFF PSI	SLIDE OR ROTATE	HHP / IN ²	ECD	DEPTH	9663				
1	National 10P130	6"	10	3.5	120	420								1	450				
2	National 10P130	6"	10	3.5		0								2	450				
						0													
						120	420	80	254	1850	165	SLIDE	5.25	8.9					
DRILL STRING										GEOLOGIC		GENERAL INFO							
BOTTOM HOLE ASSEMBLY#	16	LENGTH	O.D.	I.D.	FORMATION	MD	TVD	LITHO LOGY		RG INFO									
Bit		1.00	8-3/4"		Upper Blue			Sh%SS%SLTST%C%		Co Man	435-427-5402								
Directional tools		94.38	6-1/2"		Gate	7,100	7,098	20-30-30-40-30-40-5		Geol/Vendors	435-427-5403								
4-1/2IF Box-4-1/2XH Pin		3.12	6-1/2"							Toolpusher	435-427-5404								
					GAS DATA		TRIP GAS		Last BOP Test		5/21								
					BOTTOMS UP TIME	BG GAS	CONN GAS	TRIP GAS		Next BOP Test		6/21							
(3) 6.5" Drill Collars		92.76			74	1-14	Nil	Nil		Last Safety Meeting		5/27							
					SHOWS				Last BOP Drill		5/26								
(14) 5" HWDP		425.22	6-1/2"	2-3/8"	GAS UNITS	FROM	TO	ROP (FT/HR)		Last Operate Pipe Rar		5/21							
(1) Jars		32.51	5"	3-3/4"	56	8,188	8,192	56'		Last Operate Blind Ra		5/23							
(3) 5" HWDP		91.54	6.500	2-1/2"						Last Operate Annular		5/21							
TOTAL		740.53																	
STRING WT.	BHA WT.	PU WT.	SO WT.	ROT. TORQUE	GRD. ELEVATION	GL TO KB	KB ELEVATION	SURF CSG	INT CASING 1	INT CASING 2	PROD CSG								
231,000	35,000	340,000	192,000	1,780	6,605	25	6,631	1,995			5-1/2" @ 12620								
SURVEYS																			
MD	INCL.	AZIMUTH	TVD	N+S-	E+ / W-	SECTION	DLS	TOOL	MD	INCL.	AZIMUTH	TVD	N+S-	E+ / W-	SECTION	DLS	TOOL		
9,753	2.20	111.10	9743	-76	230	-76	3.28	MWD	9,943	2.40	74.10	9933	-76	233	-76	3.13	MWD		
9,848	0.60	236.40	9844	-77	232	-77	2.73	MWD									MWD		
DAILY ACTIVITY																			
FROM	TO	HRS	LAST 24 HOURS:																
0:00	:30	0.50	Drill & Slide from 9760' to 9768'																
:30	1:00	0.50	Ream & Survey																
1:00	5:00	4.00	Drill & Slide from 9768' to 9799'																
5:00	5:30	0.50	Ream																
5:30	9:00	3.50	Drill & Slide from 9799' to 9831'																
9:00	9:30	0.50	Ream & Survey																
9:30	12:00	2.50	Drill & Slide from 9831' to 9865'																
12:00	12:30	0.50	Ream																
12:30	14:00	1.50	Drill & Slide from 9865' to 9894'																
14:00	14:30	0.50	Ream & Survey																
14:30	20:30	6.00	Drill & Slide from 9894' to 9957'																
20:30	21:00	0.50	Ream & Survey																
21:00	0:00	3.00	Drill & Slide from 9957' to 9975'																
0:00																			
0:00																			
0:00																			
0:00			10036' Drilling @ 0500 hr. - Appox. Top of Emery 9989'																
0:00																			
0:00																			
Daily Total		24.00																	

SEE ATTACHED COST DETAIL PAGE FOR ESTIMATED DRY HOLE COSTS

CONFIDENTIAL

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: Patented
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
		7. UNIT or CA AGREEMENT NAME: N/A
		8. WELL NAME and NUMBER: Wolverine Milburn 5-1
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Wildcat</u>		9. API NUMBER: 4303930035
2. NAME OF OPERATOR: Wolverine Operating Company of Utah, LLC		10. FIELD AND POOL, OR WILDCAT: Wildcat
3. ADDRESS OF OPERATOR: 55 Campau NW Grand Rapids STATE MI ZIP 49503-2616		PHONE NUMBER: (616) 458-1150
4. LOCATION OF WELL FOOTAGES AT SURFACE: 399' FSL & 513' FWL COUNTY: Sanpete QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 25 12S 4E STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>6/10/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input 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 checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: <u>drill deeper than APD</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

PLEASE MAINTAIN THE ENCLOSED INFORMATION AS CONFIDENTIAL - THANK YOU

Today's date: May 30, 2007

The present permitted total depth for this well is 12,620' under APD granted Dec 4, 2006. The well began drilling on April 14, 2007 and on May 29, 2007 the drilling depth is 10,137' with a mud weight of 8.7ppg. Anticipated geologic formation tops have been encountered deeper than expected. It is possible that this well will need to be drilled to a depth of 13,500' which is deeper than originally projected or authorized. For these reasons an increase in permitted depth to 13,500' is requested. If production casing is warranted, 5-1/2" 17ppf HCP-110 LTC new casing will be substituted and will be run to total depth of 13,500'. Assuming a 9.0 ppg mud weight at TD, the revised casing design safety factors are as follows using casing weight in air and assuming complete voidage of the casing interior: SF burst = 1.57; SF collapse = 1.26; ST tension = 1.81. Cement will be placed in accordance with the Conditions of Approval, item #5.

COPY SENT TO OPERATOR
Date: 6-11-07
Initials: DHT

NAME (PLEASE PRINT) <u>Steven R Hash, P.E. - EXACT Engineering Inc</u>	TITLE <u>Petroleum Engineering Consultant (918) 599-9400</u>
SIGNATURE <u><i>Steven R. Hash</i></u>	DATE <u>5/30/2007</u>

(This space for State use only)

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 6/10/07
BY: *D. [Signature]*

RECEIVED
MAY 30 2007
DIV. OF OIL, GAS & MINING

Well name:	2006-11 Wolverine Milburn 25-1rev.	
Operator:	Wolverine Gas & Oil	Project ID:
String type:	Production	43-041-30035
Location:	San Pete County	

Design parameters:

Collapse

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

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 75 °F
 Bottom hole temperature: 264 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,500 ft

Cement top: 11,645 ft

Burst

Max anticipated surface pressure: 3,342 psi
 Internal gradient: 0.220 psi/ft
 Calculated BHP 6,312 psi

No backup mud specified.

Tension:

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

Tension is based on buoyed weight.
 Neutral point: 11,658 ft

Non-directional string.

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	13500	5.5	17.00	HCP-110	LT&C	13500	13500	4.767	1762.1

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	6312	8580	1.359	6312	10640	1.69	198	445	2.25 J

Prepared by: Helen Sadik-Macdonald
 Div of Oil, Gas & Minerals

Phone: 801-538-5357
 FAX: 801-359-3940

Date: June 8, 2007
 Salt Lake City, Utah

Remarks:
 Collapse is based on a vertical depth of 13500 ft, a mud weight of 9 ppg. The casing is considered to be evacuated for collapse purposes.
 Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

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: Patented
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: N/A
		8. WELL NAME and NUMBER: Wolverine Milburn 5-1
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Wildcat</u>		9. API NUMBER: 4303930035
2. NAME OF OPERATOR: Wolverine Operating Company of Utah, LLC		10. FIELD AND POOL, OR WILDCAT: Wildcat
3. ADDRESS OF OPERATOR: 55 Campau NW Grand Rapids MI 49503-2616		PHONE NUMBER: (616) 458-1150
4. LOCATION OF WELL FOOTAGES AT SURFACE: 399' FSL & 513' FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 25 12S 4E		COUNTY: Sanpete STATE: UTAH

11 CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: <u>6/12/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input 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 type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" 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.
PLEASE MAINTAIN THE ENCLOSED INFORMATION AS CONFIDENTIAL - THANK YOU

Today's date: June 11, 2007
The subject well has reached total depth of 12,265' on 6/9/2007, has been logged and is to be plugged and abandoned as a dryhole. The 8-3/4" drilled hole is full of freshwater based drilling fluid at 9.1 ppg, 60 vis, with 5% added KCL for 31,000ppm Cl. The proposed plugging plan is as follows:
All plugs to be API type G cmt mixed at 15.8ppg & 1.15 cfps;
Plug #1 (Dakota 200') 125sx; 11818' to 12018' ✓
Plug #2 (Ferron 200') 125sx; 11097' to 11297' (tag) ✓
Plug #3 (Upper Blue Gate 200') 125sx; 7000' to 7200' (tag) ✓
Plug #4 (Blackhawk 200') 125sx; 4678' to 4878' (tag) ✓
Plug #5 (Price River 200') 150sx; 2890' to 3090' ✓
Plug #6 (13-3/8" surface csg set @ 1995'; 300') 275 sx; 1795' to 2095' ✓
Plug #7 (surface 100') 75sx; 130' to 30' (105' - 5" BGL) (may be pumped with redi-mix after RDMORT) ✓
Plug rat & mouse holes w redi-mix (after RDMORT)
Cut off 13-3/8" csg, weld on plate inscribed with "WM 25-1 - API# 4303930035 - [final P&A date]" ✓

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JUN 13 2007
DIV. OF OIL, GAS & MINING

200' plug in 8 3/4" hole w/ 208 washout = ± 105sx Class G cement OKD

NAME (PLEASE PRINT) <u>Steven R Hash, P.E. - EXACT Engineering Inc</u>	TITLE <u>Petroleum Engineering Consultant (918) 599-9400</u>
SIGNATURE <u><i>Steven R. Hash</i></u>	DATE <u>6/11/2007</u>

(This space for State use only)

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

DATE: 6/13/07
BY: *[Signature]*
** Verbal Granted 6/12/07*

7 COPY SENT TO OPERATOR
Date: 6-13-07
Initials: RM

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

From: "Steve Hash" <SteveHash@exactengineering.com>
To: <dustindoucet@utah.gov>, <markjones@utah.gov>
Date: 6/11/2007 8:50 PM
Subject: Wolverine Milburn 25-1 proposed plug plan
Attachments: WM 25-1 final tops and cmt plugs plan srh 2007.06.11.pdf; Wolverine Milburn 25-1 sundry notice to PA signed.pdf
CC: <rigsite03@exactengineering.com>, <Robert.Kruger@Halliburton.com>, <kyle...

Dustin, By early tomorrow, Tuesday 6/12/2007, we expect to have final orders from WGO to plug & abandon the subject well as a dryhole. We are completing logs this evening and should be prepared to begin pumping the first plug thru drillpipe by mid day on Tuesday. Attached is a plugging plan that includes our final formation tops and follows the concept which you and I discussed earlier. We have also enclosed a Sundry Notice of Intent to P&A. We will file a final Sundry Report of P&A and you should receive from WGO the Well Completion Report. Please let me know if there are any questions or concerns. The co man rig phone is 435-427-5402. Thank you

Steve

Steven R. Hash, P.E.

EXACT Engineering, Inc.

415 S. Boston, Suite 734

Tulsa, OK 74103

office (918) 599-9400 ofc fax (918) 599-9401

direct (918) 599-9801 cellular (918) 629-9801

mobile fax (801) 640-7470

stevehash@exactengineering.com

www.exactengineering.com

EXACT Engineering, Inc.

www.exactengineering.com

415 S. Boston Ave., Suite 734, Tulsa, OK 74103 • (918) 599-9400 • (918) 599-9401 (fax)

Steven R. Hash, P.E.
Registered Professional Engineer
stevehash@exactengineering.com

July 5, 2007

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

CONFIDENTIAL

Re: Drilling Update #3 (final) - Wolverine Milburn 25-1
Sec 25 T12S R04E, Sanpete Co, UT
API# 43-039-30035

Gentlemen,

On behalf of Wolverine Operating Co. of Utah, LLC, please find enclosed daily drilling reports for the subject well from June 9, 2007 through June 16, 2007. The well reached total depth of 12,265' on June 9, the open hole was logged and the well plugged per UDOGM regulations on June 15, 2007. The rig was released on June 16, 2007. We respectfully request that the enclosed information remain confidential.

Sincerely,

Steven R. Hash, P.E.

Enclosures

copy without enclosures via email to:

Mark Jones, UDOGM Field Inspector	
Wolverine Gas & Oil Co of Utah, LLC:	Helene Bardolph
EXACT Engineering, Inc.	well file

RECEIVED

JUL 06 2007

DIV. OF OIL, GAS & MINING

Petroleum Engineering Consulting, Personnel & Jobsite Supervision
complete well design, construction & management, drilling, completion, production, pipelines, appraisals,
due diligence, acquisitions, procedures, temporary personnel and field supervision

Operator: Wolverine Operating Co of Utah

DAILY DRILLING REPORT

24 hrs - midnight to midnight

DATE 06/16/07	WELL Wolverine Milburn 25-1	CONTRACTOR SST #68	COUNTY, STATE Sanpete, UT	SPUD DATE 4/14/07	API# 43-039-30035	SUPERVISOR Rodger Rebsom	
DAYS F/ SPUD 64	PRESENT OPERATIONS @ 2400 Hour Rig down	TOTAL DEPTH 12,265	PROGRESS 0	DRILLING TIME 0.00	ROP #DIV/0!	TD FORMATION Dakota	AUTH. DEPTH 13016'

MUD DATA

DATE/TIME	DEPTH	WT	VIS	PV	YP	GELS	FILTRATE	CAKE/32	SOLIDS	SAND	PH	CHLORIDES	CALCIUM	KCL	LCM

BIT DATA

BIT NO.	SIZE	MFG.	TYPE	IADC CODE	SERIAL NO.	JETS (1/32nd") or TFA	IN	OUT	FOOTAGE	HOURS	ROP	MTR	RPM	WOB	DULL CONDITION		
															RT-MTR	T	B
											#DIV/0!	Y					
											#DIV/0!	Y					
											#DIV/0!	Y					

HYDRAULICS

SLOW PUMP PSI

PUMP NO.	MANUFACTURER	LINER	STROKE LENGTH	GAL / STK 100%	SPM	GPM	AV DP	AV DC	PUMP PRESS.	MOTOR DIFF PSI	SLIDE OR ROTATE	HHP / IN ²	ECD	DEPTH	SPM
1	National 10P130	6"	10	3.5										1	
2	National 10P130	6"	10	3.5	0									2	
					0										

CONFIDENTIAL REPORT

DRILL STRING

GEOLOGIC

GENERAL INFO

BOTTOM HOLE ASSEMBLY#	LENGTH	O.D.	I.D.	FORMATION	MD	TVD	LITHO LOGY	RIG INFO			
		5"						Co Man	435-427-5402		
								Geol/Vendors	435-427-5403		
								Toolpusher	435-427-5404		
				GAS DATA				Last BOP Test			
				BOTTOMS UP TIME	BG GAS	CONN GAS	TRIP GAS	Next BOP Test			
				SHOWS				Last Safety Meeting 6/16			
				GAS UNITS	FROM	TO	ROP (FT/HR)	Last BOP Drill			
								Last Operate Pipe Ran			
								Last Operate Blind Ra			
								Last Operate Annular			
STRING WT.	BHA WT.	PU WT.	SO WT.	ROT. TORQUE	GRD. ELEVATION	GL TO KB	KB ELEVATION	SURF CSG	INT CASING 1	INT CASING 2	PROD CSG
					6,605	25	6,630	1,995			

SURVEYS

MD	INCL	AZIMUTH	TVD	N+S-	E+ / W-	SECTION	DLS	TOOL	MD	INCL	AZIMUTH	TVD	N+S-	E+ / W-	SECTION	DLS	TOOL

DAILY ACTIVITY

FROM	TO	HRS	LAST 24 HOURS:
0:00	4:00	4.00	Rig down top drive
4:00	12:00	8.00	Finish nippel down -- Set out Bops
12:00	15:00	3.00	Cut off well head -- Set cement plug #7 = 100' to surface -- Install dry hole marker -- Release rig @ 1500 6/16/2007
15:00	18:00	3.00	Rig Down
18:00	0:00	6.00	Rig Idel
0:00			
0:00			
0:00			WELL P&A 6/16/2007 PER UDOGM REGULATIONS
0:00			
0:00			Release Rig @ 1500 hour 6/16/2007
0:00			
0:00			
0:00			
0:00			
0:00			
0:00			
0:00			
0:00			
0:00			
0:00			
0:00			
0:00			
Daily Total		24.00	

RECEIVED
JUL 06 2007

DIV. OF OIL, GAS & MINING

SEE ATTACHED COST DETAIL PAGE FOR ESTIMATED DRY HOLE COSTS

Operator: Wolverine Operating Co of Utah

DAILY DRILLING REPORT

24 hrs - midnight to midnight

DATE 06/14/07	WELL Wolverine Milburn 25-1	CONTRACTOR SST #68	COUNTY, STATE Sanpete, UT	SPUD DATE 4/14/07	API# 43-039-30035	SUPERVISOR Rodger Rebsom	
DAYS F/ SPUD 62	PRESENT OPERATIONS @ 2400 Hour Wait on cement to setup	TOTAL DEPTH 12,265	PROGRESS 0	DRILLING TIME 0.00	ROP #DIV/0!	TD FORMATION Dakota	AUTH. DEPTH 13016'

MUD DATA

DATE/TIME	DEPTH	WT	VIS	PV	YP	GELS	FILTRATE	CAKE/32	SOLIDS	SAND	PH	CHLORIDES	CALCIUM	KCL	LCM
6/14/ 7:45am	12265	9.1	46	17	19	9/14	6.9	1	3.75	tr	9.8	31,000	130	5.10%	0

BIT DATA

BIT NO.	SIZE	MFG.	TYPE	IADC CODE	SERIAL NO.	JETS (1/32nd")		IN	OUT	FOOTAGE	HOURS	ROP	MTR	RPM	WOB	DULL CONDITION		
						or TFA										T	B	G
												#DIV/0!	Y					
												#DIV/0!	Y					
												#DIV/0!	Y					
												#DIV/0!	Y					

HYDRAULICS

SLOW PUMP PSI

PUMP NO.	MANUFACTURER	LINER	STROKE LENGTH	GAL / STK 100%	SPM	GPM	AV DP	AV DC	PUMP PRESS.	MOTOR DIFF PSI	SLIDE OR ROTATE	HHP / IN ²	ECD	DEPTH	SPM
1	National 10P130	6"	10	3.5	60	210								1	
2	National 10P130	6"	10	3.5		0								2	
					60	210			675						

CONFIDENTIAL REPORT

DRILL STRING

GEOLOGIC

GENERAL INFO

BOTTOM HOLE ASSEMBLY#	LENGTH	O.D.	I.D.	FORMATION	MD	TVD	LITHO LOGY	RIG INFO	
23	5" Drill pipe. Open ended	5"						Co Man	435-427-5402
								Geol/Vendors	435-427-5403
								Toolpusher	435-427-5404
				GAS DATA					
		BOTTOMS UP TIME		BG GAS		CONN GAS		TRIP GAS	
				SHOWS					
		GAS UNITS		FROM		TO		ROP (FT/HR)	
TOTAL				0.00					
STRING WT.	BHA WT.	PU WT.	SO WT.	ROT. TORQUE	GRD. ELEVATION	GL TO KB	KB ELEVATION	SURF CSG	INT CASING 1
168,000	0	210,000	155,000	1,260	6,605	25	6,630	1,995	
								INT CASING 2	
								PROD CSG	
								5-1/2" @ 12620	

SURVEYS

MD	INCL	AZIMUTH	TVD	N+S-	E+ / W-	SECTION	DLS	TOOL	MD	INCL	AZIMUTH	TVD	N+S-	E+ / W-	SECTION	DLS	TOOL
								MWD									MWD
								MWD									MWD

DAILY ACTIVITY

FROM	TO	HRS	LAST 24 HOURS:
0:00	4:00	4.00	Wait on cement to set up
4:00	4:30	0.50	Trip in tag cement plug #3 @ 6920' with 15,000 wt.
4:30	6:30	2.00	Trip out 7 stands-Lay down drill pipe to set plug #4 from 4878' to 4678'
6:30	8:00	1.50	Plug #4=125 sacks NEAT G Cement plus 70% EXCESS OVER GAUGE 15.8 PPG 1.15 CUFT/SK 5.0 GPS
8:00	8:00		From 4875' to 4678'
8:00	12:00	4.00	Trip out 7 stands-Wait on cement to set up
12:00	12:30	0.50	Trip in tag cement plug #4 @ 4647' with 15,000 wt.
12:30	14:00	1.50	Lay down 5" drillpipe to 3096'
14:00	14:30	0.50	Plug #5=150 sacks NEAT G Cement plus 100% EXCESS OVER GAUGE 15.8 PPG 1.15 CUFT/SK 5.0 GPS
14:30	18:30	4.00	Trip out 7 stands-Wait on cement to set up
18:30	19:00	0.50	Trip in tag cement plug #5 @ 3023' with 15,000 wt.
19:00	20:00	1.00	Lay down 5" drillpipe to 2096'
20:00	20:30	0.50	Plug #6=275 sacks NEAT G Cement no excess 15.8 PPG 1.15 CUFT/SK 5.0 GPS
20:30	0:00	3.50	Trip out 7 stands-Wait on cement to set up
0:00			
0:00			
0:00			
0:00			Lay down 5" drill pie @ 0500 hr. --- 58 jts. Left to lay down
0:00			Have tagged all 5 plugs with 15,000 wt.--All witnessed & Oked by Mark Jones with Utah State Oil & Gas Comm.
Daily Total		24.00	

SEE ATTACHED COST DETAIL PAGE FOR ESTIMATED DRY HOLE COSTS

Operator: Wolverine Operating Co of Utah

DAILY DRILLING REPORT

24 hrs - midnight to midnight

Table with columns: DATE, WELL, CONTRACTOR, COUNTY, STATE, SPUD DATE, API#, SUPERVISOR, DAYS F/ SPUD, PRESENT OPERATIONS @ 2400 Hour, TOTAL DEPTH, PROGRESS, DRILLING TIME, ROP, TD FORMATION, AUTH. DEPTH

MUD DATA

Table with columns: DATE/TIME, DEPTH, WT, VIS, PV, YP, GELS, FILTRATE, CAKE/32, SOLIDS, SAND, PH, CHLORIDES, CALCIUM, KCL, LCM

BIT DATA

Table with columns: BIT NO., SIZE, MFG., TYPE, IADC CODE, SERIAL NO., JETS (1/32nd) or TFA, IN, OUT, FOOTAGE, HOURS, ROP, MTR, RPM, WOB, DULL CONDITION

HYDRAULICS

SLOW PUMP PSI

Table with columns: PUMP NO., MANUFACTURER, LINER, STROKE LENGTH, GAL / STK 100%, SPM, GPM, AV DP, AV DC, PUMP PRESS., MOTOR DIFF PSI, SLIDE OR ROTATE, HHP / IN², ECD, DEPTH, 12156, 12156, SPM, 30, 35

CONFIDENTIAL REPORT

DRILL STRING

GEOLOGIC

GENERAL INFO

Large table containing drill string details, geologic data, gas data, and general information including assembly numbers, lengths, O.D., I.D., formation, MD, TVD, lithology, and various tests.

SURVEYS

Table with columns: MD, INCL, AZIMUTH, TVD, N+S, E+W, SECTION, DLS, TOOL, MD, INCL, AZIMUTH, TVD, N+S, E+W, SECTION, DLS, TOOL

DAILY ACTIVITY

Table with columns: FROM, TO, HRS, LAST 24 HOURS. Contains a log of activities such as 'Trip into 1900', 'Cut & Slip 152' drilling line', and 'Set cement plug #1 from 12200' to 12000''.

SEE ATTACHED COST DETAIL PAGE FOR ESTIMATED DRY HOLE COSTS

Operator: Wolverine Operating Co of Utah

DAILY DRILLING REPORT

24 hrs - midnight to midnight

Table with 10 columns: DATE, WELL, CONTRACTOR, COUNTY, STATE, SPUD DATE, API#, SUPERVISOR, DAYS F/ SPUD, PRESENT OPERATIONS @ 2400 Hour, TOTAL DEPTH, PROGRESS, DRILLING TIME, ROP, TD FORMATION, AUTH. DEPTH

MUD DATA

Table with 16 columns: DATE/TIME, DEPTH, WT, VIS, PV, YP, GELS, FILTRATE, CAKE/32, SOLIDS, SAND, PH, CHLORIDES, CALCIUM, KCL, LCM

BIT DATA

Table with 18 columns: BIT NO., SIZE, MFG., TYPE, IADC CODE, SERIAL NO., JETS (1/32nd) or TFA, IN, OUT, FOOTAGE, HOURS, ROP, MTR, RPM, WOB, DULL CONDITION

HYDRAULICS

SLOW PUMP PSI

Table with 14 columns: PUMP NO., MANUFACTURER, LINER, STROKE LENGTH, GAL / STK 100%, SPM, GPM, AV DP, AV DC, PUMP PRESS., MOTOR DIFF PSI, SLIDE OR ROTATE, HHP / IN², ECD, DEPTH, 12156, 12156

CONFIDENTIAL REPORT

DRILL STRING

GEOLOGIC

GENERAL INFO

Large table with multiple columns: BOTTOM HOLE ASSEMBLY #, LENGTH, O.D., I.D., FORMATION, MD, TVD, LITHO LOGY, RIG INFO, GAS DATA, SHOWS, STRING WT., BHA WT., PU WT., SO WT., ROT. TORQUE, GRD. ELEVATION, GL TO KB, KB ELEVATION, SURF CSG, INT CASING 1, INT CASING 2, PROD CSG

SURVEYS

Table with 18 columns: MD, INCL, AZIMUTH, TVD, N+S-, E+ / W-, SECTION, DLS, TOOL, MD, INCL, AZIMUTH, TVD, N+S-, E+ / W-, SECTION, DLS, TOOL

DAILY ACTIVITY

Table with 4 columns: FROM, TO, HRS, LAST 24 HOURS

SEE ATTACHED COST DETAIL PAGE FOR ESTIMATED DRY HOLE COSTS

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: Patented
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: N/A
		7. UNIT or CA AGREEMENT NAME: N/A
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Wildcat</u>	8. WELL NAME and NUMBER: Wolverine Milburn 25-1	
2. NAME OF OPERATOR: Wolverine Operating Company of Utah, LLC		9. API NUMBER: 4303930035
3. ADDRESS OF OPERATOR: 55 Campau NW	CITY Grand Rapids STATE MI ZIP 49503-2616	PHONE NUMBER: (616) 458-1150
10. FIELD AND POOL, OR WILDCAT: Wildcat		
4. LOCATION OF WELL FOOTAGES AT SURFACE: 399' FSL & 513' FWL		COUNTY: Sanpete
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 25 12S 4E		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 6/15/2007	<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.

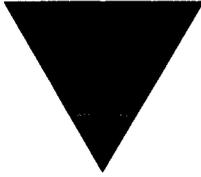
PLEASE MAINTAIN THE ENCLOSED INFORMATION AS CONFIDENTIAL - THANK YOU

The subject well was plugged and abandoned on June 15, 2007 per verbal orders from Dustin Doucet, State Petroleum Engineer, SLC office and in accordance with UDOGM regulations as follows:
All plugs API type G cement mixed at 15.8ppg & 1.15 cfps; 9.1ppg mud between all plugs
TD 12,265'
Plug #1 - 125sx; 12202' - 12000' (not tagged)
Plug #2 - 125sx; 11297' - 11097' (tagged w drillpipe @ 11088')
Plug #3 - 125sx; 7206' - 7004' (tagged w drillpipe @ 6920')
Plug #4 - 125sx; 4875' to 4678' (tagged w drillpipe @ 4647')
Plug #5 - 150sx; 3090' - 2890' (tagged w drillpipe @ 3023')
Plug #6 - 275sx; 2095' - 1795' (tagged w drillpipe @ 1890') note:13-3/8" surface csg set @ 1995'
Plug #7 - redimix pumped thru 2" pvc from 130'kb (105' BGL) to 30'kb (5' BGL)
Plugged rat & mouse holes w redi-mix
Cut off 13-3/8" csg, weld on plate "WM 25-1 - API# 43-039-30035 - P&A 6/15/2007"
Field operations witnessed by Mark Jones, State Inspector

NAME (PLEASE PRINT) <u>Steven R Hash, P.E. - EXACT Engineering Inc</u>	TITLE <u>Petroleum Engineering Consultant (918) 599-9400</u>
SIGNATURE <u><i>Steven R. Hash</i></u>	DATE <u>7/5/2007</u>

(This space for State use only)

RECEIVED
JUL 09 2007



WOLVERINE OPERATING COMPANY
of Utah, LLC

Energy Exploration in Partnership with the Environment

July 26, 2007

CONFIDENTIAL

Mr. Gil Hunt
Utah Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

43,039,30035

RE: Completion Notice - Wolverine Operating Company of Utah, LLC
Wolverine Milburn 25-1
399' FSL, 513' FWL, SW/4 SW/4, Section 25, T12S, R4E, S.L.B.&M, Sanpete
County, Utah

Dear Mr. Hunt:

Enclosed herewith is a completion notice and attachments for the subject well. The attachments include electric logs, plugging and cementing verification, geologic report, and directional surveys.

Wolverine Operating Company of Utah, LLC respectfully requests that the these documents and materials for the referenced well be treated with confidentially as previously requested for all information pertaining to this well.

Sincerely,

Ellis M. Peterson – Senior Production Engineer
Wolverine Operating Company of Utah, LLC

RECEIVED
JUL 27 2007
DIV. OF OIL, GAS & MINING

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

AMENDED REPORT [] FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL [] GAS WELL [] DRY [x] OTHER []
b. TYPE OF WORK: NEW WELL [x] HORIZ. LATS. [] DEEP-EN [] RE-ENTRY [] DIFF. RESVR. [] OTHER []
2. NAME OF OPERATOR: Wolverine Operating Company of Utah, LLC
3. ADDRESS OF OPERATOR: 55 Campau NW CITY Grand Rapids STATE MI ZIP 49503 PHONE NUMBER: (616) 458-1150
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 399' FSL, 513' FWL AT TOP PRODUCING INTERVAL REPORTED BELOW: AT TOTAL DEPTH: 347' FSL, 850' FWL
5. LEASE DESIGNATION AND SERIAL NUMBER: Patented
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
7. UNIT or CA AGREEMENT NAME: NA
8. WELL NAME and NUMBER: Wolverine Milburn 25-1
9. API NUMBER: 4303930035
10. FIELD AND POOL, OR WILDCAT: Wildcat
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSW 25 12S 4E S
12. COUNTY: Sanpete 13. STATE: UTAH

14. DATE SPURRED: 3/10/2007 15. DATE T.D. REACHED: 6/7/2007 16. DATE COMPLETED: 6/16/2007 ABANDONED [x] READY TO PRODUCE []
17. ELEVATIONS (DF, RKB, RT, GL): 6630' KB, 6605' GL

18. TOTAL DEPTH: MD 12,265 TVD 12,250 19. PLUG BACK T.D.: MD 0 TVD 0 20. IF MULTIPLE COMPLETIONS, HOW MANY? * 21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
SD/DSN, DLLT/MSFL, DML, Wavesonic, Lithology Strip Log
23. WAS WELL CORED? NO [x] YES [] (Submit analysis)
WAS DST RUN? NO [x] YES [] (Submit report)
DIRECTIONAL SURVEY? NO [] YES [x] (Submit copy)

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

Table with columns: HOLE SIZE, SIZE/GRADE, WEIGHT (#ft.), TOP (MD), BOTTOM (MD), STAGE CEMENTER DEPTH, CEMENT TYPE & NO. OF SACKS, SLURRY VOLUME (BBL), CEMENT TOP **, AMOUNT PULLED. Includes entries for 17-1/2 and 8-3/4 hole sizes.

25. TUBING RECORD

Table with columns: SIZE, DEPTH SET (MD), PACKER SET (MD). Multiple empty rows.

26. PRODUCING INTERVALS 27. PERFORATION RECORD

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

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

Table with columns: DEPTH INTERVAL, AMOUNT AND TYPE OF MATERIAL. Multiple empty rows.

29. ENCLOSED ATTACHMENTS: 30. WELL STATUS:

29. ENCLOSED ATTACHMENTS: [x] ELECTRICAL/MECHANICAL LOGS [x] GEOLOGIC REPORT [] DST REPORT [x] DIRECTIONAL SURVEY [x] SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION [] CORE ANALYSIS [] OTHER:
30. WELL STATUS: P&A

RECEIVED

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

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

INTERVAL B (As shown in Item #26)

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

INTERVAL C (As shown in Item #26)

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

INTERVAL D (As shown in Item #26)

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

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

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Basal Ferron Sd	11,617	11,650	Tight sandstone, no shows	Upper Bluegate	7.103
				Emerv	9.702
				Lower Bluegate	10.653
				Ferron	11.208
				Tununk	11.689
				Dakota	11.932

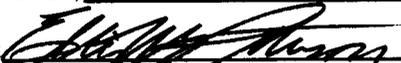
35. ADDITIONAL REMARKS (Include plugging procedure)

See Sundry Notice dated 7/5/2007 for plugging details. No production or intermediate casing was run.

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

NAME (PLEASE PRINT) Ellis Peterson

TITLE Senior Production Engineer

SIGNATURE 

DATE 7/26/2007

This report must be submitted within 30 days of

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

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

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

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

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



CONFIDENTIAL

Wolverine Oil & Gas

Sanpete County, Utah

Milburn

Milburn 25-1

25-1

Design: 25-1 Surveys

Standard Survey Report

11 July, 2007





Crescent Directional Drilling

Survey Report



Company: Wolverine Oil & Gas	Local Co-ordinate Reference: Well Milburn 25-1
Project: Sanpete County, Utah	TVD Reference: WELL @ 0.0ft (Unknown Well Elev)
Site: Milburn	MD Reference: WELL @ 0.0ft (Unknown Well Elev)
Well: Milburn 25-1	North Reference: True
Wellbore: 25-1	Survey Calculation Method: Minimum Curvature
Design: 25-1 Surveys	Database: EDM 2003.16 Single User Db

Project	Sanpete County, Utah		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	Milburn		
Site Position:		Northing:	7,074,368.05ft
From:	Lat/Long	Easting:	1,659,467.34ft
Position Uncertainty:	0.0 ft	Slot Radius:	"
		Latitude:	39° 44' 27.360 N
		Longitude:	111° 25' 56.100 W
		Grid Convergence:	0.04 °

Well	Milburn 25-1		
Well Position	+N/-S	0.0 ft	Northing:
	+E/-W	0.0 ft	Easting:
Position Uncertainty	0.0 ft	Wellhead Elevation:	ft
		Latitude:	39° 44' 27.360 N
		Longitude:	111° 25' 56.100 W
		Ground Level:	0.0 ft

Wellbore	25-1		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF200510	2007-07-11	12.29
			Dip Angle (°)
			65.37
			Field Strength (nT)
			52,351

Design	25-1 Surveys		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(ft)	(ft)	(ft)
	0.0	0.0	0.0
			Direction (°)
			99.15

Survey Program	Date 2007-07-11		
From (ft)	To (ft)	Survey (Wellbore)	Tool Name
132.0	12,265.0	Survey #1 (25-1)	MWD
			Description
			MWD - Standard

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Buld Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
132.0	0.30	116.70	132.0	-0.2	0.3	0.3	0.23	0.23	0.00
163.0	0.30	288.90	163.0	-0.2	0.3	0.3	1.93	0.00	555.48
221.0	0.40	314.40	221.0	0.0	0.0	0.0	0.31	0.17	43.97
313.0	0.30	257.60	313.0	0.2	-0.4	-0.5	0.37	-0.11	-61.74
404.0	0.10	68.30	404.0	0.2	-0.6	-0.6	0.44	-0.22	187.58
496.0	0.40	129.30	496.0	0.0	-0.3	-0.3	0.39	0.33	66.30
587.0	1.00	108.50	587.0	-0.5	0.7	0.8	0.71	0.66	-22.86
679.0	1.50	120.40	679.0	-1.3	2.5	2.7	0.61	0.54	12.93
770.0	2.00	106.90	769.9	-2.4	5.1	5.4	0.71	0.55	-14.84
865.0	1.70	108.60	864.9	-3.3	8.0	8.4	0.32	-0.32	1.79
959.0	1.40	108.50	958.8	-4.1	10.4	10.9	0.32	-0.32	-0.11
1,052.0	1.40	89.80	1,051.8	-4.5	12.6	13.2	0.49	0.00	-20.11



Crescent Directional Drilling

Survey Report



Company: Wolverine Oil & Gas
Project: Sanpete County, Utah
Site: Milburn
Well: Milburn 25-1
Wellbore: 25-1
Design: 25-1 Surveys

Local Co-ordinate Reference: Well Milburn 25-1
TVD Reference: WELL @ 0.0ft (Unknown Well Elev)
MD Reference: WELL @ 0.0ft (Unknown Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
1,146.0	1.40	76.70	1,145.8	-4.2	14.9	15.4	0.34	0.00	-13.94
1,241.0	0.80	17.20	1,240.8	-3.3	16.2	16.5	1.27	-0.63	-62.63
1,335.0	1.10	312.80	1,334.8	-2.1	15.7	15.9	1.11	0.32	-68.51
1,430.0	1.00	230.60	1,429.7	-2.0	14.4	14.6	1.46	-0.11	-86.53
1,524.0	1.20	158.80	1,523.7	-3.4	14.1	14.5	1.38	0.21	-76.38
1,616.0	1.20	147.10	1,615.7	-5.1	15.0	15.6	0.27	0.00	-12.72
1,711.0	1.10	196.00	1,710.7	-6.8	15.3	16.2	1.01	-0.11	51.47
1,804.0	0.60	239.10	1,803.7	-7.9	14.6	15.7	0.84	-0.54	46.34
1,897.0	0.50	348.90	1,896.7	-7.8	14.1	15.2	0.97	-0.11	118.06
2,028.0	1.50	54.40	2,027.7	-6.2	15.4	16.2	1.05	0.76	50.00
2,123.0	2.00	236.80	2,122.7	-6.4	15.1	15.9	3.68	0.53	-186.95
2,217.0	3.20	228.90	2,216.6	-9.0	11.7	13.0	1.33	1.28	-8.40
2,312.0	1.10	51.10	2,311.5	-10.2	10.4	11.9	4.53	-2.21	-187.16
2,407.0	0.90	75.30	2,406.5	-9.4	11.8	13.2	0.49	-0.21	25.47
2,501.0	0.90	133.60	2,500.5	-9.8	13.1	14.5	0.93	0.00	62.02
2,594.0	0.80	134.50	2,593.5	-10.7	14.1	15.6	0.11	-0.11	0.97
2,687.0	0.90	102.30	2,686.5	-11.3	15.3	16.9	0.52	0.11	-34.62
2,782.0	1.20	93.30	2,781.5	-11.6	17.0	18.6	0.36	0.32	-9.47
2,875.0	2.10	143.00	2,874.4	-13.0	19.0	20.8	1.73	0.97	53.44
2,971.0	4.00	274.90	2,970.3	-14.1	16.7	18.7	5.86	1.98	137.40
3,066.0	1.10	1.20	3,065.3	-12.9	13.4	15.3	4.29	-3.05	90.84
3,160.0	1.90	109.20	3,159.2	-12.5	14.9	16.7	2.63	0.85	114.89
3,254.0	0.40	225.30	3,253.2	-13.3	16.1	18.0	2.24	-1.60	123.51
3,350.0	2.00	340.70	3,349.2	-11.9	15.4	17.1	2.29	1.67	120.21
3,444.0	1.40	160.80	3,443.2	-11.4	15.2	16.8	3.62	-0.64	-191.38
3,539.0	1.80	176.00	3,538.2	-14.0	15.7	17.7	0.61	0.42	16.00
3,633.0	1.40	304.80	3,632.1	-14.8	14.8	17.0	3.08	-0.43	137.02
3,726.0	0.50	343.80	3,725.1	-13.8	13.8	15.8	1.14	-0.97	41.94
3,821.0	1.20	118.60	3,820.1	-13.9	14.5	16.6	1.68	0.74	141.89
3,914.0	0.30	19.30	3,913.1	-14.1	15.5	17.5	1.38	-0.97	-106.77
4,009.0	0.60	359.10	4,008.1	-13.4	15.6	17.5	0.35	0.32	-21.26
4,104.0	0.90	37.70	4,103.1	-12.3	16.0	17.8	0.60	0.32	40.63
4,195.0	0.50	30.60	4,194.1	-11.4	16.6	18.2	0.45	-0.44	-7.80
4,289.0	0.10	325.10	4,288.1	-11.0	16.8	18.3	0.50	-0.43	-69.68
4,384.0	0.60	44.60	4,383.1	-10.5	17.1	18.6	0.62	0.53	83.68
4,478.0	0.80	115.20	4,477.1	-10.5	18.0	19.5	0.88	0.21	75.11
4,571.0	1.10	119.40	4,570.1	-11.2	19.4	20.9	0.33	0.32	4.52
4,665.0	0.40	42.70	4,664.1	-11.4	20.4	22.0	1.15	-0.74	-81.60
4,760.0	2.10	101.90	4,759.0	-11.5	22.4	23.9	2.03	1.79	62.32
4,854.0	1.80	144.30	4,853.0	-13.1	24.9	26.7	1.53	-0.32	45.11
4,946.0	1.50	130.20	4,945.0	-15.0	26.7	28.7	0.55	-0.33	-15.33
5,039.0	1.30	92.60	5,037.9	-15.8	28.6	30.8	0.99	-0.22	-40.43
5,134.0	0.50	162.90	5,132.9	-16.3	29.8	32.1	1.29	-0.84	74.00
5,229.0	0.90	125.50	5,227.9	-17.1	30.6	32.9	0.62	0.42	-39.37
5,323.0	0.40	65.00	5,321.9	-17.4	31.5	33.8	0.83	-0.53	-64.36
5,417.0	1.30	45.20	5,415.9	-16.5	32.5	34.7	0.99	0.96	-21.06
5,511.0	0.90	36.30	5,509.9	-15.2	33.7	35.7	0.46	-0.43	-9.47
5,605.0	1.00	129.50	5,603.9	-15.1	34.8	36.7	1.47	0.11	99.15
5,699.0	0.70	40.90	5,697.9	-15.2	35.8	37.8	1.28	-0.32	-94.26
5,793.0	1.00	166.30	5,791.9	-15.6	36.4	38.4	1.61	0.32	133.40
5,889.0	0.70	83.40	5,887.8	-16.3	37.1	39.3	1.20	-0.31	-86.35
5,985.0	1.10	105.10	5,983.8	-16.5	38.6	40.7	0.54	0.42	22.60
6,078.0	0.50	123.00	6,076.8	-16.9	39.8	42.0	0.69	-0.65	19.25
6,173.0	0.90	93.80	6,171.8	-17.2	40.9	43.1	0.55	0.42	-30.74



Crescent Directional Drilling

Survey Report



Company: Wolverine Oil & Gas
Project: Sanpete County, Utah
Site: Milburn
Well: Milburn 25-1
Wellbore: 25-1
Design: 25-1 Surveys

Local Co-ordinate Reference: Well Milburn 25-1
TVD Reference: WELL @ 0.0ft (Unknown Well Elev)
MD Reference: WELL @ 0.0ft (Unknown Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
6,268.0	1.10	120.30	6,266.8	-17.7	42.4	44.7	0.52	0.21	27.89
6,361.0	1.40	262.80	6,359.8	-18.3	42.1	44.5	2.55	0.32	153.23
6,456.0	1.10	274.60	6,454.8	-18.4	40.0	42.4	0.41	-0.32	12.42
6,551.0	1.00	321.90	6,549.8	-17.7	38.6	40.9	0.89	-0.11	49.79
6,647.0	1.60	37.80	6,645.7	-15.9	38.9	41.0	1.74	0.62	79.06
6,744.0	2.00	112.00	6,742.7	-15.5	41.3	43.3	2.26	0.41	76.49
6,839.0	2.30	212.60	6,837.7	-17.7	41.8	44.1	3.49	0.32	105.89
6,930.0	2.90	45.40	6,928.6	-17.6	42.5	44.7	5.68	0.66	-183.74
7,023.0	2.70	79.40	7,021.5	-15.6	46.3	48.2	1.77	-0.22	36.56
7,117.0	3.00	109.70	7,115.4	-16.0	50.8	52.7	1.61	0.32	32.23
7,212.0	2.60	133.30	7,210.3	-18.3	54.7	56.9	1.27	-0.42	24.84
7,307.0	2.80	112.90	7,305.2	-20.7	58.4	61.0	1.03	0.21	-21.47
7,398.0	2.40	111.50	7,396.1	-22.3	62.2	65.0	0.45	-0.44	-1.54
7,493.0	2.90	119.40	7,491.0	-24.2	66.2	69.2	0.65	0.53	8.32
7,586.0	2.70	119.80	7,583.9	-26.4	70.1	73.4	0.22	-0.22	0.43
7,682.0	4.00	86.10	7,679.7	-27.3	75.4	78.8	2.40	1.35	-35.10
7,777.0	4.60	112.80	7,774.5	-28.6	82.3	85.7	2.18	0.63	28.11
7,870.0	4.70	104.40	7,867.2	-31.0	89.4	93.2	0.74	0.11	-9.03
7,965.0	4.30	125.60	7,961.9	-34.0	96.0	100.2	1.79	-0.42	22.32
8,058.0	3.40	127.40	8,054.7	-37.7	101.1	105.8	0.98	-0.97	1.94
8,163.0	5.80	109.10	8,159.3	-41.3	108.6	113.8	2.65	2.29	-17.43
8,246.0	5.10	115.50	8,242.0	-44.3	115.9	121.4	1.12	-0.84	7.71
8,341.0	7.60	110.90	8,336.4	-48.4	125.5	131.6	2.68	2.63	-4.84
8,433.0	7.10	97.20	8,427.6	-51.2	136.9	143.3	1.98	-0.54	-14.89
8,528.0	5.60	95.90	8,522.0	-52.5	147.3	153.8	1.59	-1.58	-1.37
8,622.0	5.50	90.50	8,615.6	-53.0	156.4	162.8	0.57	-0.11	-5.74
8,713.0	3.80	134.10	8,706.3	-55.1	162.9	169.6	4.17	-1.87	47.91
8,808.0	2.20	158.20	8,801.2	-59.0	165.8	173.1	2.11	-1.68	25.37
8,900.0	3.80	91.10	8,893.1	-60.7	169.5	177.0	3.88	1.74	-72.93
8,997.0	6.90	86.70	8,989.7	-60.4	178.6	185.9	3.22	3.20	-4.54
9,092.0	5.80	94.60	9,084.1	-60.5	189.0	196.3	1.48	-1.16	8.32
9,186.0	4.60	89.70	9,177.7	-60.8	197.6	204.7	1.36	-1.28	-5.21
9,281.0	3.60	105.60	9,272.4	-61.6	204.2	211.4	1.58	-1.05	16.74
9,375.0	7.10	92.60	9,366.0	-62.7	212.9	220.1	3.92	3.72	-13.83
9,469.0	7.70	132.00	9,459.3	-67.1	223.4	231.2	5.33	0.64	41.91
9,563.0	4.00	178.20	9,552.8	-74.6	228.2	237.1	6.07	-3.94	49.15
9,658.0	1.70	5.70	9,647.8	-76.6	228.4	237.7	5.99	-2.42	-181.58
9,753.0	2.20	111.00	9,742.7	-75.8	230.2	239.4	3.28	0.53	110.84
9,848.0	0.60	236.60	9,837.7	-76.7	231.5	240.8	2.73	-1.68	132.21
9,943.0	2.40	74.40	9,932.7	-76.5	233.0	242.2	3.13	1.89	-170.74
10,038.0	2.70	204.90	10,027.7	-78.0	234.0	243.4	4.88	0.32	137.37
10,133.0	2.00	149.90	10,122.6	-81.4	233.9	243.9	2.38	-0.74	-57.89
10,225.0	1.30	138.10	10,214.5	-83.6	235.4	245.7	0.84	-0.76	-12.83
10,319.0	2.20	141.80	10,308.5	-85.8	237.2	247.9	0.96	0.96	3.94
10,414.0	1.50	151.80	10,403.5	-88.3	238.9	250.0	0.81	-0.74	10.53
10,506.0	1.00	156.80	10,495.4	-90.1	239.8	251.1	0.56	-0.54	5.43
10,601.0	1.60	55.60	10,590.4	-90.2	241.3	252.5	2.15	0.63	-106.53
10,694.0	1.80	82.50	10,683.4	-89.2	243.8	254.9	0.88	0.22	28.92
10,788.0	1.30	51.50	10,777.3	-88.4	246.1	257.0	1.02	-0.53	-32.98
10,884.0	1.70	67.70	10,873.3	-87.2	248.2	258.9	0.60	0.42	16.87
10,978.0	1.90	51.20	10,967.3	-85.6	250.7	261.2	0.59	0.21	-17.55
11,067.0	2.80	55.60	11,056.2	-83.5	253.7	263.7	1.03	1.01	4.94
11,160.0	5.60	79.30	11,148.9	-81.4	260.0	269.7	3.48	3.01	25.48
11,253.0	6.50	87.60	11,241.4	-80.3	269.7	279.1	1.35	0.97	8.92



Crescent Directional Drilling

Survey Report



Company: Wolverine Oil & Gas
Project: Sanpete County, Utah
Site: Milburn
Well: Milburn 25-1
Wellbore: 25-1
Design: 25-1 Surveys

Local Co-ordinate Reference: Well Milburn 25-1
TVD Reference: WELL @ 0.0ft (Unknown Well Elev)
MD Reference: WELL @ 0.0ft (Unknown Well Elev)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.16 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
11,346.0	4.50	55.80	11,334.0	-78.0	278.0	286.9	3.84	-2.15	-34.19
11,439.0	1.90	75.40	11,426.9	-75.6	282.5	291.0	2.99	-2.80	21.08
11,533.0	1.50	275.80	11,520.8	-75.1	282.8	291.2	3.56	-0.43	-169.79
11,627.0	1.80	79.30	11,614.8	-74.7	283.0	291.3	3.47	0.32	173.94
11,719.0	2.50	78.30	11,706.8	-74.0	286.4	294.5	0.76	0.76	-1.09
11,815.0	6.40	58.40	11,802.5	-70.8	293.0	300.6	4.31	4.06	-20.73
11,909.0	8.00	70.10	11,895.7	-65.8	303.6	310.2	2.30	1.70	12.45
12,003.0	6.80	76.80	11,988.9	-62.3	315.2	321.1	1.57	-1.28	7.13
12,097.0	5.00	56.20	12,082.4	-58.8	324.0	329.3	2.93	-1.91	-21.91
12,194.0	5.10	62.80	12,179.1	-54.4	331.4	335.8	0.61	0.10	6.80
12,219.0	4.10	72.70	12,204.0	-53.7	333.2	337.5	5.09	-4.00	39.60
12,265.0	4.10	72.70	12,249.9	-52.7	336.4	340.5	0.00	0.00	0.00

Projection to T.D.

Design Annotations

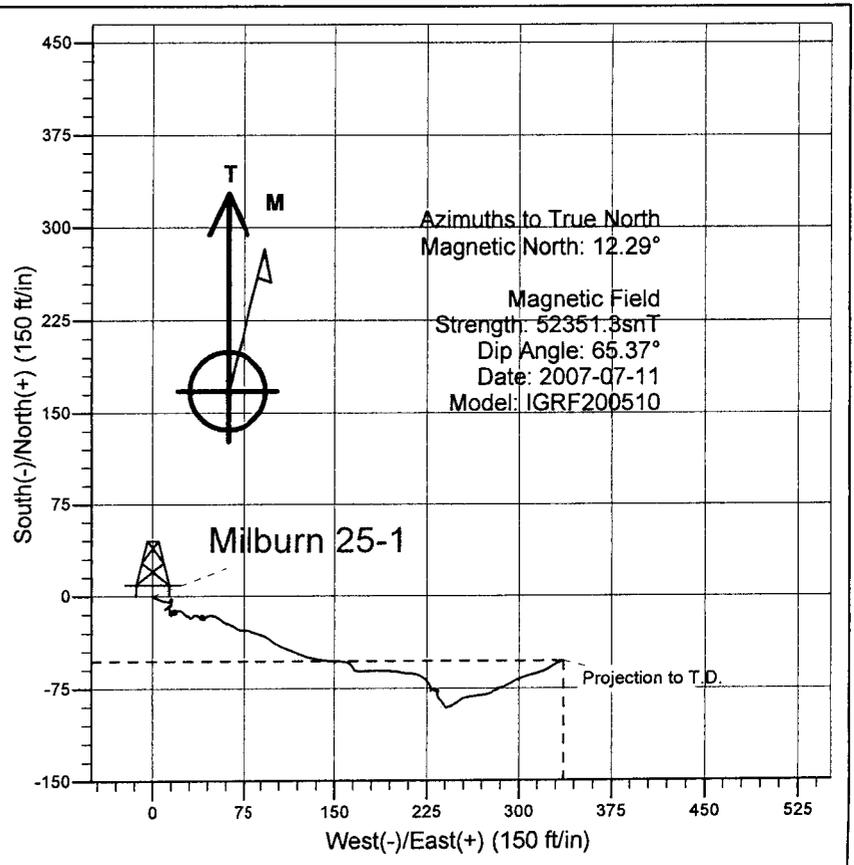
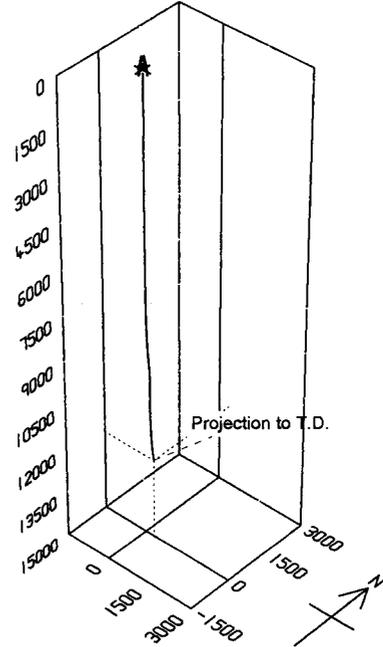
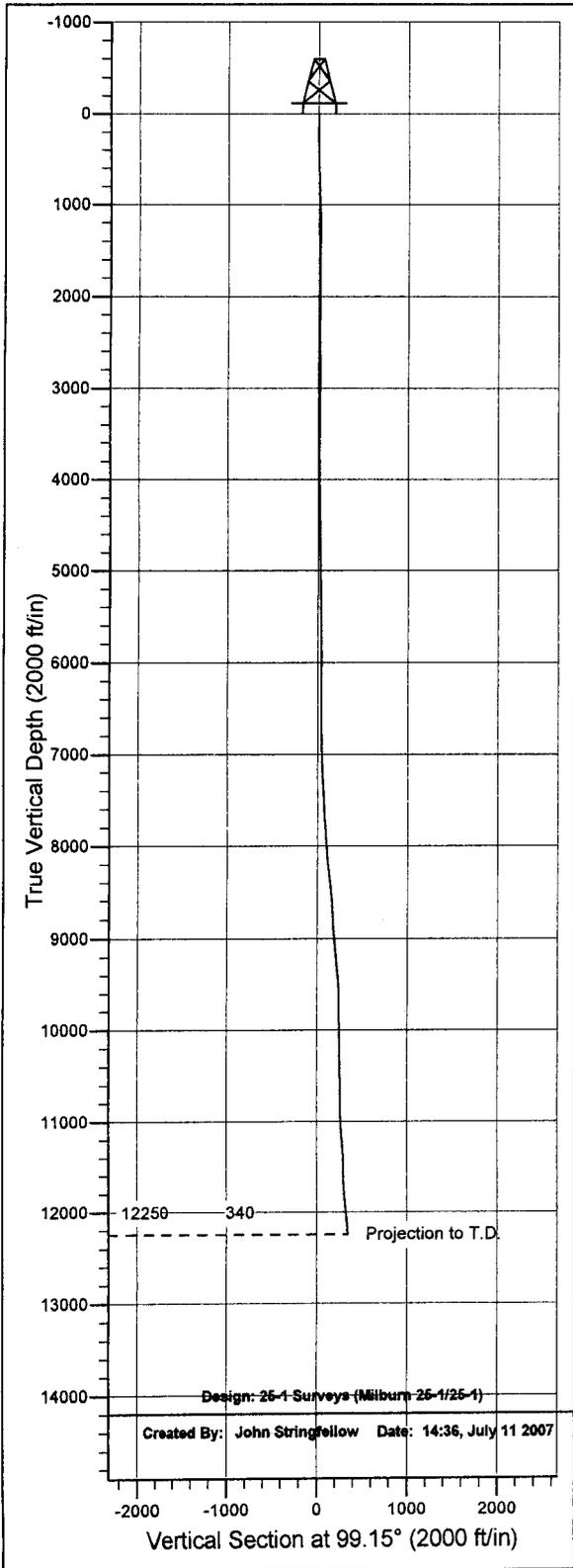
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	+E/-W (ft)	Comment
12,265.0	12,249.9	-52.7	336.4	Projection to T.D.

Checked By: _____ Approved By: _____ Date: _____

RECEIVED
JUL 2 / 2007
 DIV. OF OIL, GAS & MINING



Wolverine Oil & Gas
Milburn 25-1
Sanpete Co., Utah
Lat. 39°44'27.36"
Long. -111°25'56.1"
Actual Surveys



CONFIDENTIAL

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:
Patented

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
N/A

7. UNIT or CA AGREEMENT NAME:
N/A

8. WELL NAME and NUMBER:
Wolverine Milburn 25-1

9. API NUMBER:
4303930035

10. FIELD AND POOL, OR WILDCAT:
Wildcat

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 Wildcat

2. NAME OF OPERATOR:
Wolverine Operating Company of Utah, LLC

3. ADDRESS OF OPERATOR:
55 Campau NW CITY: **Grand Rapids** STATE: **MI** ZIP: **49503-2616** PHONE NUMBER: **(616) 458-1150**

4. LOCATION OF WELL
FOOTAGES AT SURFACE: **399' FSL & 513' FWL** COUNTY: **Sanpete**
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: **SWSW 25 12S 4E** STATE: **UTAH**

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input checked="" type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 6/15/2007	<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.

PLEASE MAINTAIN THE ENCLOSED INFORMATION AS CONFIDENTIAL - THANK YOU

The subject well was plugged and abandoned on June 15, 2007 per verbal orders from Dustin Doucet, State Petroleum Engineer, SLC office and in accordance with UDOGM regulations as follows:
All plugs API type G cement mixed at 15.8ppg & 1.15 cfps; 9.1ppg mud between all plugs
TD 12,265'
Plug #1 - 125sx; 12202' - 12000' (not tagged)
Plug #2 - 125sx; 11297' - 11097' (tagged w drillpipe @ 11088')
Plug #3 - 125sx; 7206' - 7004' (tagged w drillpipe @ 6920')
Plug #4 - 125sx; 4875' to 4678' (tagged w drillpipe @ 4647')
Plug #5 - 150sx; 3090' - 2890' (tagged w drillpipe @ 3023')
Plug #6 - 275sx; 2095' - 1795' (tagged w drillpipe @ 1890') note:13-3/8" surface csg set @ 1995'
Plug #7 - redimix pumped thru 2" pvc from 130'kb (105' BGL) to 30'kb (5' BGL)
Plugged rat & mouse holes w redi-mix
Cut off 13-3/8" csg, weld on plate "WM 25-1 - API# 43-039-30035 - P&A 6/15/2007"
Field operations witnessed by Mark Jones, State Inspector

COPY SENT TO OPERATOR
Date: 8/8/07
Initials: CH

NAME (PLEASE PRINT) Steven R Hash, P.E. - EXACT Engineering Inc TITLE Petroleum Engineering Consultant (918) 599-9400
SIGNATURE *Steven R. Hash* DATE 7/5/2007

(This space for State use only)

APPROVED BY THE STATE
GENERAL DIVISION OF
OIL, GAS AND MINING

RECEIVED
JUL 27 2007

(5/2000)

(See Instructions on Reverse Side)

DIV. OF OIL, GAS & MINING

7/30/07
Dustin Doucet
& Verbal approval given 6/13/07 (see attached email)

CONFIDENTIAL

From: Dustin Doucet
To: Hash, Steve
Date: 6/11/2007 11:02 AM
Subject: Re: Wolverine Milburn 25-1 potential PTA - CONFIDENTIAL

CC: DarrenNaylor@exactengineering.com; ehartwick@wolvgas.com; epeterson@wo...
Steve,

The plugs you have listed below are what was agreed upon in our discussion on June 8, 2007. Let me know what your final plans are. Thanks.

CONFIRMATION OF PTA plans and Approval given via telephone 6/13/07 @ 14:02 DCD

Dustin

Dustin K. Doucet
Petroleum Engineer
Utah Division of Oil, Gas and Mining
Oil and Gas Program
1594 West North Temple, Suite 1210
Salt Lake City, UT 84116

Phone: (801) 538-5281
fax: (801) 359-3940
email: dustindoucet@utah.gov

>>> "Steve Hash" <SteveHash@exactengineering.com> 6/9/2007 5:42 PM >>>

Dustin, We have stopped drilling at 12265' at 6am Sat 6/9 and plan to log the subject well over the weekend. Based on the drilling results thus far it is possible we will plug & abandon this well early next week. To confirm our discussions of Friday 6/8 regarding suggested plug depths etc I will list below that which we discussed. IF Wolverine informs me to plug this well I will call you to finalize our plans. FYI our BHL is approx 325' east and 58' south of the surface location.

Tops drld	md	plug
13-3/8" csg	1995	yes
Northhorn	2189'	
Price River	2990'	yes
Castlegate	4602'	
Blackhawk	4778	yes
Upr Blue Gate	7100'	yes
Emery Sd	9918'	
Lwr Blue Gate	10380'	
Ferron Sd	11209'	yes
Tununk	11700'	

Dakota 12100 yes

CONFIDENTIAL

Proposed plugs by UDOGM

- #1 12000-12200 200' no tag per UDOGM
- #2 11100-11300 200' tag per UDOGM
- #3 7000-7200 200' tag per UDOGM
- #4 4675-4875 200' tag per UDOGM
- #5 2890-3090 200' tag per UDOGM
- #6 1900-2100 200' tag per UDOGM
- #7 0-100' 100' visual

Once we have logs and the geologists provide final formation tops we can finalize the associated plug depths. Thanks

Steve

Steven R. Hash, P.E.

EXACT Engineering, Inc.

415 S. Boston, Suite 734

Tulsa, OK 74103

office (918) 599-9400 ofc fax (918) 599-9401

direct (918) 599-9801 cellular (918) 629-9801

mobile fax (801) 640-7470

stevehash@exactengineering.com

www.exactengineering.com

WOLVERINE OPERATING COMPANY OF UTAH, LLC

Energy Exploration in Partnership with the Environment



January 28, 2009

Mark Jones
Petroleum Operations Specialist
Utah Division of Oil, Gas and Mining
Price Field Office
319 North Carbonville Road, Suite C
Price, Utah 84501-2351

Re: Well Site Reclamation: Wolverine Milburn 25-1
Sanpete County, Utah, T12S-R4E, SLM, Section 25: SW4SW4
API# 43-039-30035

Dear Mark:

Please see the enclosed Site Release Agreement recently signed by the owner of the surface of the above captioned well site. The site release references the Surface Damage and Access Agreement dated December 4, 2006, (also enclosed) and the pursuant onsite meeting on August 13, 2007, at which time the landowner specified certain details of the restoration. The site release confirms that the landowner is satisfied with the reclamation.

After initial restoration in the fall of 2007, the final restoration work was done in September, 2008, consisting of removal of some brush and stumps around the pad edges as further requested by the landowner. Those disturbed areas were then reseeded and the site release was sent to the landowner for signing. I did not receive the signed form until last week and unfortunately the area is now blanketed with snow. In the event you need to perform an onsite inspection I doubt that the snow will be sufficiently melted before March or April. I will be glad to accompany you on an inspection...in fact I recommend it because the gate may be locked and I know a few alternate ways to get in.

I also enclose some captioned pictures of the site taken in September of 2008.

Please call me (435-201-3327) if you would like to meet onsite.

Sincerely,

A handwritten signature in cursive script that reads "Charlie Irons".

Charlie Irons
Senior Landman

SURFACE DAMAGE AND ACCESS AGREEMENT

This SURFACE DAMAGE AND ACCESS AGREEMENT dated December 4, 2006 is by and between Hidden Springs Retreat, LLC, a Utah Limited Liability Company, hereinafter called "Landowner," whose address is 506 North 900 East, Orem, Utah 84057, and Wolverine Operating Company of Utah, LLC, hereinafter called "Wolverine," whose address is One Riverfront Plaza, 55 Campau NW, Grand Rapids, Michigan 49503.

WHEREAS, the Landowner is the owner of the surface of the following described lands, situated in Sanpete County, Utah:

Township 12 South-Range 4 East Section 25: SW4SW4 (#20206)

AND WHEREAS, Wolverine is the owner of a certain oil and gas lease covering the above described lands as well as other lands,

AND WHEREAS, under the terms of the lease, Wolverine wishes to drill a well (wells) on a pad and build an access road on the above lands, as more particularly described and shown on the attached Exhibit A.

NOW THEREFORE, in consideration of the payment of ten & more dollars the above parties agree to the following:

1. Within thirty (30) days of commencement of operations by Wolverine, either on the well pad or access road on the lands described on "Exhibit A" attached hereto ("Subject Lands"), Wolverine shall pay by check to the Landowner a damage payment of six thousand six hundred sixty dollars (\$6,660.00) as compensation for actual damage caused to Landowner's property as a direct result of Wolverine's operations. In the event Wolverine elects to continue its use and/or operations upon the well pad as described in "Exhibit A" beyond the initial drilling exploration phase Wolverine shall, for each and every year Wolverine continues its use and operations upon the described well pad, pay by check to Landowner one thousand five hundred dollars (\$1,500.00), within thirty (30) days of each annual anniversary of Wolverine's commencement of operations.

2. Wolverine agrees that as soon as is reasonably possible, following completion of its operations, Wolverine shall restore the well pad, as nearly as possible, to its original condition and land contour. Upon notice given by Wolverine to Landowner of Wolverine's completion of operations, Landowner at its option may instruct Wolverine to restore the well pad in a manner modified from the original condition and land contour and Wolverine shall restore the well pad according to said instructions from Landowner but in no case shall Wolverine be required to put forth more effort and expense in completing a modified restoration of the well pad than it would have put forth in restoring the well pad, as nearly as possible, to its original condition and contour.

3. Wolverine agrees to act as a prudent operator and will keep all surface disturbances to the minimum area necessary to conduct its operations.

4. Wolverine shall indemnify and hold the Landowner harmless from any and all liability, liens, claims and environmental liability directly arising out of Wolverine's operations under the terms of this agreement. Upon notice from Landowner or upon the arrival of the opportunity to use Landowners property for livestock Wolverine shall fence the area of operation in a manner that will prevent livestock from entering the area of operation including but not limited to the installation of cattle guards over the points of ingress and egress to the site of operation.

5. The terms and conditions of this Agreement shall be binding upon the heirs, successors and assigns of the parties hereto and all contract workers. This Agreement shall be limited specifically to the area of operations on the Subject Lands.

Executed this 4th day of December, 2006.

HIDDEN SPRINGS RETREAT, LLC

By: Susan Harding
Susan Harding, Managing Member

By: Janet O. Stratton
Janet O. Stratton, Managing Member

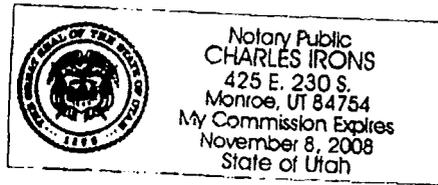
WOLVERINE OPERATING COMPANY OF UTAH, LLC

By: Paul Spiering
Paul Spiering, District Land Manager

STATE OF UTAH)
) ss. ACKNOWLEDGMENT
COUNTY OF Utah)

The foregoing instrument was acknowledged before me this 4th day of December, 2006, by Susan Harding and Janet O. Stratton, as Managing Members of Hidden Springs Retreat, LLC, known to me to be the persons whose names are subscribed to the foregoing instrument and acknowledged to me that they executed the same for the purposes and consideration therein expressed.

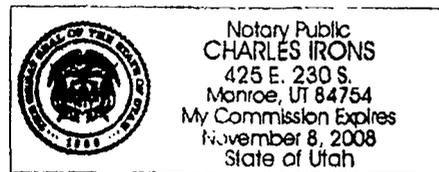
Charles Irons
Notary Public



STATE OF UTAH)
) ss. ACKNOWLEDGMENT
COUNTY OF SEVIER)

The foregoing instrument was acknowledged before me this 4th day of December, 2006, by Paul Spiering, as District Land Manager of Wolverine Operating Company of Utah, LLC, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

Charles Irons
Notary Public



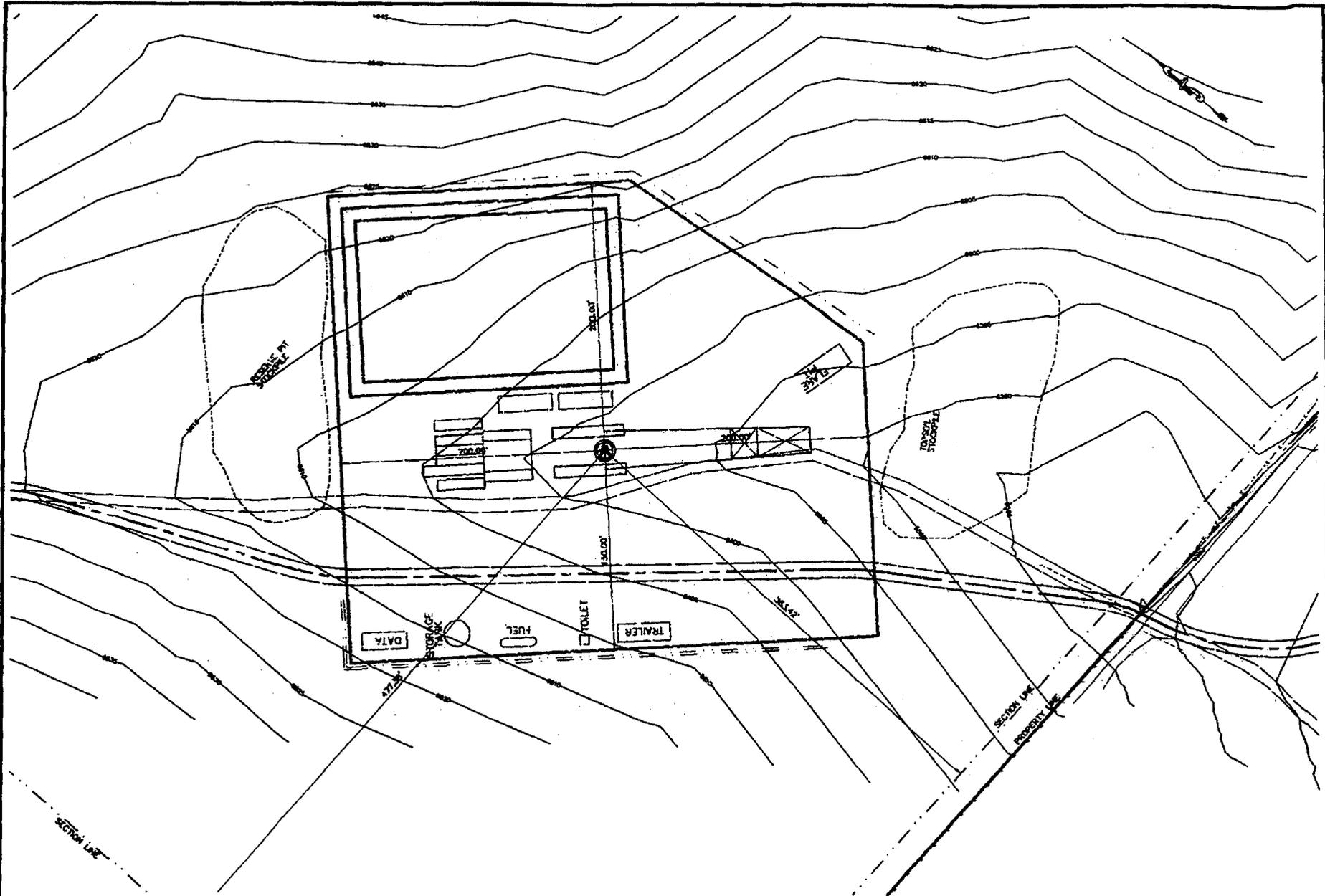


EXHIBIT A

Savage Surveying, Inc.
 Ryan W. Savage, PLS
 PO Box 1022
 2748 N.W. Hwy
 Ridgeville, GA 30471
 Phone: 404-998-8635
 Fax: 404-998-3635
 Cell: 435-208-1345



WOLVERINE MILBURN 25-1		WOLVERINE OPERATING COMPANY, LLC	
DESIGNED BY: T.M.	REVIEWED BY: T.M.S.	DATE 08/23/06	PROJECT NUMBER 0607-011S
DRAWING NAME SCALE REVISED P.A.D. - 100'		DATE 08/23/06	SHEET NUMBER 1
DESIGNED BY: T.M.	CHECKED BY: R.M.S.	DRAWN BY: R.M.S.	