

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

FORM 3

AMENDED REPORT
(highlight changes)

APPLICATION FOR PERMIT TO DRILL

1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		5. MINERAL LEASE NO.: UTU-85093 (Btm. Hole)	6. SURFACE: SITLA
B. TYPE OF WELL: OIL <input type="checkbox"/> GAS <input checked="" type="checkbox"/> OTHER _____ SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A	
2. NAME OF OPERATOR: Stephens Energy Company LLC		8. UNIT or CA AGREEMENT NAME: Two Horse Butte Unit	
3. ADDRESS OF OPERATOR: 1825 Lawrence St., Suite 300, Denver, CO 80202		9. WELL NAME and NUMBER: Two Horse Butte #42-32	
PHONE NUMBER: 303/296-2012		10. FIELD AND POOL, OR WILDCAT: Underfoot of Wildcat / Dakota & Frontier	
4. LOCATION OF WELL (FOOTAGES) 649351 X 4534992 Y 40.954336 -109.225476		11. QTR/QTR, SECTION, TOWNSHIP, RANGE MERIDIAN: Sec. 32, T3N-R24E (Surface) Sec. 5, T2N-R24E (Btm. Hole)	
AT SURFACE: SE NE, 2411' FNL and 1157' FEL			
AT PROPOSED PRODUCING ZONE: 649275 X 4533716 Y 40.942858 -109.226680			
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: Approximately 22.1 miles east of Dutch John, UT		12. COUNTY: Daggett	13. STATE: UT
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 1346' (Btm. Hole)	16. NUMBER OF ACRES IN LEASE: 1476.25	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: N/A	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET): None	19. PROPOSED DEPTH: 6,100' TVD - 7,681' MD	20. BOND DESCRIPTION: UTB-000316	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 6614' GL	22. APPROXIMATE DATE WORK WILL START: 8/1/2010	23. ESTIMATED DURATION: 24 Days	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT
12-1/4"	9-5/8", K-55, 36#	500'	185 sx Halliburton VariCem RS1, 13.5 ppg, 1.81 ft3/sk
8-3/4"	7", L-80, 23#	6,853'	425 sx ExtendaCem RS1, 11.5 ppg, 2.62 ft3/sk + 125 EconoCem RS3, 13.5 ppg, 1.43 ft3/sk.
6-1/8"	4-1/2", K-55, 11.6#	7,681'	100 sx Halliburton EconoCem RS2, 13.5 ppg, 1.43 ft3/sk.

ATTACHMENTS CONFIDENTIAL-TIGHT HOLE

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 |

AGENT: **PermitCo Inc., PO Box 99, Eastlake, CO 80614**

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

NAME (PLEASE PRINT) **Venessa Langmacher**

TITLE **Agent for Stephens Energy Company LLC**

SIGNATURE *Venessa Langmacher*

DATE **June 28, 2010**

(This space for State use only)

API NUMBER ASSIGNED: **43-009-30070**

Approved by the
Utah Division of
Oil, Gas and Mining

RECEIVED

JUN 30 2010

DIV. OF OIL, GAS & MINING

(11/2001)

Federal Approval of this
Action is Necessary

Date: **07-14-10**
(See instructions on Reverse Side)

By: *[Signature]*

STEPHENS ENERGY COMPANY, LLC

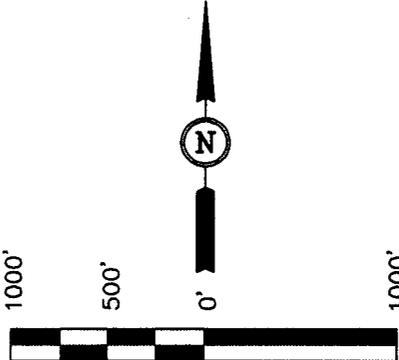
Well location, TWO HORSE BUTTE #42-32, located as shown in the SE 1/4 NE 1/4 of Section 32, T3N, R24E, S.L.B.&M., Daggett County, Utah.

BASIS OF ELEVATION

BENCH MARK 36 LOCATED IN THE NE 1/4 NW 1/4 OF SECTION 28, T3N, R24E, S.L.B.&M. TAKEN FROM THE CLAY BASIN, QUADRANGLE, UTAH, DAGGETT COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6313 FEET.

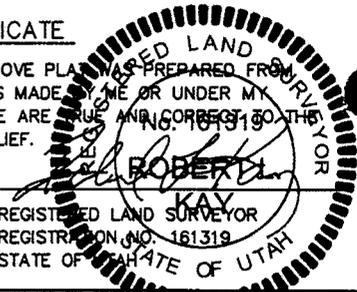
BASIS OF BEARINGS

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



CERTIFICATE

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



REVISED: 02-23-09
REVISED: 08-12-08

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

SCALE 1" = 1000'	DATE SURVEYED: 10-22-07	DATE DRAWN: 12-11-07
PARTY J.W. J.S. C.C.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE STEPHENS ENERGY COMPANY, LLC	

N89°48'W 2666.40' (G.L.O.) N89°47'54"W 2674.48' (Meas.)

1962 Brass Cap,
0.9' High,
Pile of Stones

1962 Brass Cap,
1.0' High,
Steel Post

**T3N, R24E,
S.L.B.&M.**

TWO HORSE BUTTE #42-32
Elev. Ungraded Ground = 6614'

32

NOTE:
THE PROPOSED BOTTOM HOLE FOR THIS WELL IS LOCATED IN LOT 2 OF SECTION 5, T2N, R24W, S.L.B.&M. AT A DISTANCE OF 1346' FNL 1446' FEL. IT BEARS S04°11'24"W 4182.15' FROM THE PROPOSED WELL HEAD.

N00°23'03"E 2665.06' (Meas.)

1962 Brass Cap,
1.0' High,
Pile of Stones

2583.24' (G.L.O.)

2701.38' (G.L.O.)

2411'

1157'

180°25'
(G.L.O.)

89°19'
(G.L.O.)

89°57'
(G.L.O.)

5342.04' (G.L.O.)

1346' (Comp.)

1446' (Comp.)

Lot 2

Lot 1

5

Bottom Hole

LEGEND:

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

AUTONOMOUS NAD 83 (SURFACE LOCATION)
LATITUDE = 40°57'15.35" (40.954264)
LONGITUDE = 109°13'35.17" (109.226436)
AUTONOMOUS NAD 27 (SURFACE LOCATION)
LATITUDE = 40°57'15.50" (40.954306)
LONGITUDE = 109°13'32.70" (109.225750)
AUTONOMOUS NAD 83 (TARGET BOTTOM HOLE)
LATITUDE = 40°56'34.15" (40.942819)
LONGITUDE = 109°13'39.15" (109.227542)
AUTONOMOUS NAD 27 (TARGET BOTTOM HOLE)
LATITUDE = 40°56'34.30" (40.942861)
LONGITUDE = 109°13'36.68" (109.226856)

T3N
T2N

N00°08'E 5211.36' (G.L.O.)

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

**IN REPLY REFER TO:
3160
(UT-922)**

July 12, 2010

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2010 Plan of Development Two Horse Butte Unit
Daggett County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following well is being re-permitted by the Utah Division of Oil, Gas and Mining. The original Application for Permit to Drill was rescinded on June 8, 2010. This is the obligation well for the Two Horse Butte Unit.

API#	WELL NAME	LOCATION
	(Proposed PZ Morrison)	
43-009-30070	Two Horse Butte	42-32 Sec 32 T03N R24E 2411 FNL 1157 FEL BHL Sec 05 T02N R24E 1346 FNL 1446 FEL

This office has no objection to permitting the well at this time.

/s/ Michael L. Coulthard

bcc: File - Two Horse Butte Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:7-12-10



PO Box 99 • Eastlake, CO 80614 • (303) 857-9999 • FAX (303) 450-9200 • E-MAIL Permitco1@aol.com

June 28, 2010

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

Re: **Stephens Energy Company LLC**
Two Horse Butte #42-32
SE NE, 2411' FNL and 1157' FEL, Sec. 32, T3N-R24E (Surface)
NW NE, 1346' FNL and 1446' FEL, Sec. 5, T2N-R24E (Btm. Hole)
Daggett County, Utah

Dear Diana,

Enclosed please find three copies of the Application for Permit to Drill, along with one copy of the Onshore Order No. 1 which was filed with the BLM in Vernal, Utah.

Please note, this location is an exception location and will be directionally drilled. Waiver letters from the working interest owners are attached.

This location was previously approved under API number 43-009-30069 and has since expired.

If you should need additional information, please don't hesitate to contact me. Approved copies of the A.P.D. should be sent to Permitco Inc. at the address shown above.

Sincerely,

PERMITCO INC.

Venessa Langmacher
Regulatory Supervisor/Agent for:
Stephens Energy Company LLC

Enc.

cc: Stephens Energy Company LLC - Denver, CO

RECEIVED

JUN 30 2010

DIV. OF OIL, GAS & MINING

Two Horse Butte #42-32

Lease No. UTU-85093 (Btm. Hole)

SE NE, 2411' FNL and 1157' FEL, Sec. 32, T3N - R24E

NW NE, 1346' FNL and 1446' FEL, Sec. 5, T2N - R24E

Daggett County, Utah

DRILLING PROGRAM

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

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

1. **ESTIMATED TOPS OF ALL GEOLOGIC GROUPS, FORMATIONS, MEMBERS OR ZONES**

<i>Formation</i>	<i>TVD</i>	<i>MD</i>	<i>Subsea</i>
Baxter Shale	18'	18'	6,565'
Frontier Formation	5,565'	6,961'	1,018'
Base Clay Spur Bentonite	5,765'	7,237'	818'
Mowry Formation	5,783'	7,262'	800'
Dakota Formation	5,925'	7,458'	658'
Morrison Formation	6,050'	7,630'	533'
TD	6,100'	7,681'	484'

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

<i>Substance</i>	<i>Formation</i>	<i>Depth (TVD)</i>	<i>Thickness</i>
Natural Gas	Frontier Formation	1,018'	32'
Natural Gas	Dakota Formation	658'	62'

- a. The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).



- b. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
- c. The lessee-operator must report encounters of all non oil and gas mineral resources (such as Gilsonite, tar sands, oil shale, etc.) to Peter Sokolosky or another geologist of the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- d. All shows of fresh water and minerals shall be reported and protected. A sample shall be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.

3. PRESSURE CONTROL EQUIPMENT

Stephens Energy Company LLC's minimum specifications for pressure control equipment are as follows:

Ram Type: 5000 psi w.p.

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

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

As a minimum, the above test shall be performed:

- a. when initially installed;
- b. whenever any seal subject to test pressure is broken
- c. following related repairs; and
- d. at 30-day intervals



Two Horse Butte #42-32

Lease No. UTU-85093 (Btm. Hole)

SE NE, 2411' FNL and 1157' FEL, Sec. 32, T3N - R24E

NW NE, 1346' FNL and 1446' FEL, Sec. 5, T2N - R24E

Daggett County, Utah

DRILLING PROGRAM

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Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

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

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

Annular preventers shall be functionally operated at least weekly.

Pipe and blind rams shall be activated each trip, however, this function need not be performed more than once a day.

Pressure tests shall apply to all related well control equipment.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and NOT by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

Cement baskets shall not be run on surface casing.

BOP systems shall be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.



The District Office should be notified, with sufficient lead time, in order to have the BLM representative on location during pressure testing.

- a. The size and rating of the BOP stack is shown on the attached diagram. Although a rig has not been chosen to drill this well, most of the equipment for this depth of hole in the area use a 11", 5000 psi working pressure blowout preventor.
- b. A choke line and a kill line are to be properly installed. The kill line is not to be used as a fill-up line.
- c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.
- d. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.

4. **PROPOSED CASING PROGRAM**

- a. **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing and cementing operations and BOPE & casing pressure tests.**
- b. The proposed casing and cementing program shall be conducted as approved to protect and/or isolate all usable water zones, potentially productive zones, lost circulation zones, abnormally pressured zones, and any prospectively valuable deposits of minerals. Any isolating medium other than cement shall receive approval prior to use. The casing setting depth shall be calculated to position the casing seat opposite a competent formation which will contain the maximum pressure to which it will be exposed during normal drilling operations. Determination of casing setting depth shall be based on all relevant factors, including; presence/absence of hydrocarbons; fracture gradients; usable water zones; formation pressures; lost circulation zones; other minerals; or other unusual characteristics. All indications of usable water shall be reported.
- c. Casing design shall assume formation pressure gradients of 0.44 to 0.50 psi per foot for exploratory wells (lacking better data).
- d. Casing design shall assume fracture gradients from 0.70 to 1.00 psi per foot for exploratory wells (lacking better data)



Two Horse Butte #42-32

Lease No. UTU-85093 (Btm. Hole)

SE NE, 2411' FNL and 1157' FEL, Sec. 32, T3N - R24E
NW NE, 1346' FNL and 1446' FEL, Sec. 5, T2N - R24E
Daggett County, Utah

DRILLING PROGRAM

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- e. Casing collars shall have a minimum clearance of 0.422 inches of all sides in the hole/casing annulus, with recognition that variances can be granted for justified exceptions.
- f. All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.
- g. All casing except the conductor casing, shall be new or reconditioned and tested used casing that meets or exceeds API standards for new casing.
- h. The surface casing shall be cemented back to surface either during the primary cement job or by remedial cementing.
- i. All indications of usable water shall be reported to the authorized officer prior to running the next string of casing or before plugging orders are requested, whichever occurs first.
- j. Three centralizers will be run on the bottom three joints of surface casing with a minimum of one centralizer per joint starting with the shoe joint.
- k. Top plugs shall be used to reduce contamination of cement by displacement fluid. A bottom plug or other acceptable technique, such as a suitable preflush fluid, inner string cement method, etc. shall be utilized to help isolate the cement from contamination by the mud fluid being displaced ahead of the cement slurry.
- l. All casing strings below the conductor shall be pressure tested to 0.22 psi per foot of casing string length or 1500 psi, whichever is greater, but not to exceed 70 percent of the minimum internal yield. If pressure declines more than 10 percent in 30 minutes, corrective action shall be taken.
- m. On all exploratory wells, and on that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.



Two Horse Butte #42-32

Lease No. UTU-85093 (Btm. Hole)

SE NE, 2411' FNL and 1157' FEL, Sec. 32, T3N - R24E
 NW NE, 1346' FNL and 1446' FEL, Sec. 5, T2N - R24E
 Daggett County, Utah

DRILLING PROGRAM

n. The proposed casing program will be as follows:

<i>Purpose</i>	<i>Depth</i>	<i>Hole Size</i>	<i>O.D.</i>	<i>Weight</i>	<i>Grade</i>	<i>Type</i>	<i>New/Used</i>
Surface	500'	12-1/4"	9-5/8"	36#	K-55	STC	New
Intermediate	6,853'	8-3/4"	7"	23#	L-80	UFJ	New
Production	7,681'	6-1/8"	4-1/2"	11.6#	K-55	UFJ	New

<i>Purpose</i>	<i>Collapse</i>	<i>Burst</i>	<i>Tension</i>
Surface	2020	3520	564
Intermediate	3830	6340	532
Production	4960	5350	184

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

5. PROPOSED CEMENTING PROGRAM

<i>Surface</i>	<i>Type and Amount</i>
TOC @ Surface	185 sx Halliburton VariCem RS1 + 0.125 lbm/sk Poly E-Flake + 0.25 lbm/sk Kwik Seal, 13.5 ppg, 1.81 ft3/sk.
<i>Intermediate</i>	<i>Type and Amount</i>
TOC @ Surface	Lead: 425 sx Halliburton ExtendaCem RS1, 11.5 ppg, 2.62 ft3/sk. Tail: 125 sx EconoCem RS3, 13.5 ppg, 1.43 ft3/sk.
<i>Production</i>	<i>Type and Amount</i>
TOC @ 6,500'	100 sx Halliburton EconoCem RS2 + 3.0 lbm/sk Silicate Compacted, 13.5 ppg, 1.43 ft3/sk.



Two Horse Butte #42-32

Lease No. UTU-85093 (Btm. Hole)

SE NE, 2411' FNL and 1157' FEL, Sec. 32, T3N - R24E

NW NE, 1346' FNL and 1446' FEL, Sec. 5, T2N - R24E

DRILLING PROGRAM

Daggett County, Utah

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- a. Anticipated cement tops will be reported as to depth; not the expected number of sacks of cement to be used. The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.
- b. After cementing but before commencing any test, the casing string shall stand cemented until the cement has reached a compressive strength of at least 500 psi at the shoe. WOC time shall be recorded in the driller's log.
- c. Production casing cement shall be brought up and into the surface casing. The minimum cement top is 200' above the surface casing shoe.
- d. The following reports shall be filed with the District Manager within 30 days after the work is completed.
 1. Progress reports, Form 3160-5 (formerly 9-331) "Sundry Notices and Reports on Wells", must include complete information concerning:
 - a. Setting of each string of casing, showing the size, grade, weight of casing set, hole size, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of cementing tools used, casing test method and results, and the date work was done. Show the spud date on the first reports submitted.
 - b. Temperature or bond logs must be submitted for each well where the casing cement was not circulated to the surface.
- e. Auxiliary equipment to be used is as follows:
 1. Kelly cock
 2. No bit float is deemed necessary.
 3. A sub with a full opening valve.



Two Horse Butte #42-32

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Daggett County, Utah

DRILLING PROGRAM

6. PROPOSED CIRCULATING MEDIUM OR MEDIUMS

<i>Interval</i>	<i>Mud Type</i>	<i>Mud Wt.</i>	<i>Visc.</i>	<i>F/L</i>	<i>pH</i>
Surface	LSND/Anco-Phalt	8.4 - 9.0	27 - 40	15 - 20	8 - 8.5
Intermediate	LSND/Anco-Phalt	8.8 - 9.2	34 - 42	8 - 12	8.5 - 9.5
Production	LSND/Anco-Phalt	9.0 - 9.5	36 - 50	6 - 10	8.5 - 9.5

There will be sufficient mud on location to control a blowout should one occur.
A mud test shall be performed every 24 hours after mudding up to determine, as applicable:
density, viscosity, gel strength, static filtration loss, and Ph.

- a. Mud monitoring equipment to be used is as follows:
 1. Periodic checks will be made each tour of the mud system. The mud level will be checked visually.
- b. No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.
- c. No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.
- d. The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

7. PROPOSED TESTING, LOGGING AND CORING

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

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



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Daggett County, Utah

DRILLING PROGRAM

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

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

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

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

- b. The logging program will consist of the following: Gamma Ray - Induction to be run from TD to Surface Casing and Neutron - Density to be run from TD to 4100' TVD.
- c. A Cement Bond Log will be run from the production casing shoe to the surface casing shoe and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to the Vernal Field Office.
- d. **Please submit an electronic copy of all other logs run on this well in LAS format to UT VN Welllogs@blm.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- e. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.
- f. All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- g. No cores are anticipated.



Two Horse Butte #42-32

Lease No. UTU-85093 (Btm. Hole)

SE NE, 2411' FNL and 1157' FEL, Sec. 32, T3N - R24E

NW NE, 1346' FNL and 1446' FEL, Sec. 5, T2N - R24E

Daggett County, Utah

DRILLING PROGRAM

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- h. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 3160-4. Samples (cutting, fluids, and/or gases) will be submitted when requested by the authorized officer (AO).
- i. The anticipated completion program will be as follows: Run 4-1/2" production casing and cement, run CBL log and perforate Dakota, test, frac well as per recommendations and tests, flow test and run tubing and packer, go to sales.
- j. Daily drilling and completion progress reports shall be submitted to the BLM in Vernal on a weekly basis.

8. EXPECTED BOTTOM HOLE PRESSURE

- a. The expected bottom hole pressure is 2746 psi. The maximum bottom hole temperature anticipated is 129.5 degrees F.
- b. No hydrogen sulfide gas is anticipated. Abnormal pressures are not anticipated.

9. OTHER INFORMATION AND NOTIFICATION REQUIREMENTS

- a. Drilling is planned to commence on November 1, 2008
- b. It is anticipated that the drilling of this well will take approximately 24 days.
- c. The BLM in Vernal, Utah shall be notified of the anticipated date of location construction commencement and of anticipated spud date.
- d. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.



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- e. The spud date will be reported orally to the Vernal Field Office within 24 hours of spudding. The oral report will be followed up with a Sundry Notice.
- f. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- g. Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- h. Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.
- i. In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, CO 80217-0110, or call 1-800-525-7922 (303)231-3650 for reporting information.
- j. Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.
- k. If a replacement rig is contemplated for completion operations, a "Sundry Notice" Form 3160-5 to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.
- l. Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communications, not later than 5 days following the date on which the well is placed on production.



- m. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90 day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by the Vernal Field Office.
- n. Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day or authorized test period. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- o. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- p. A first production conference will be scheduled within 15 days after receipt of the first production notice.
- q. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment: (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.
- r. Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are



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conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

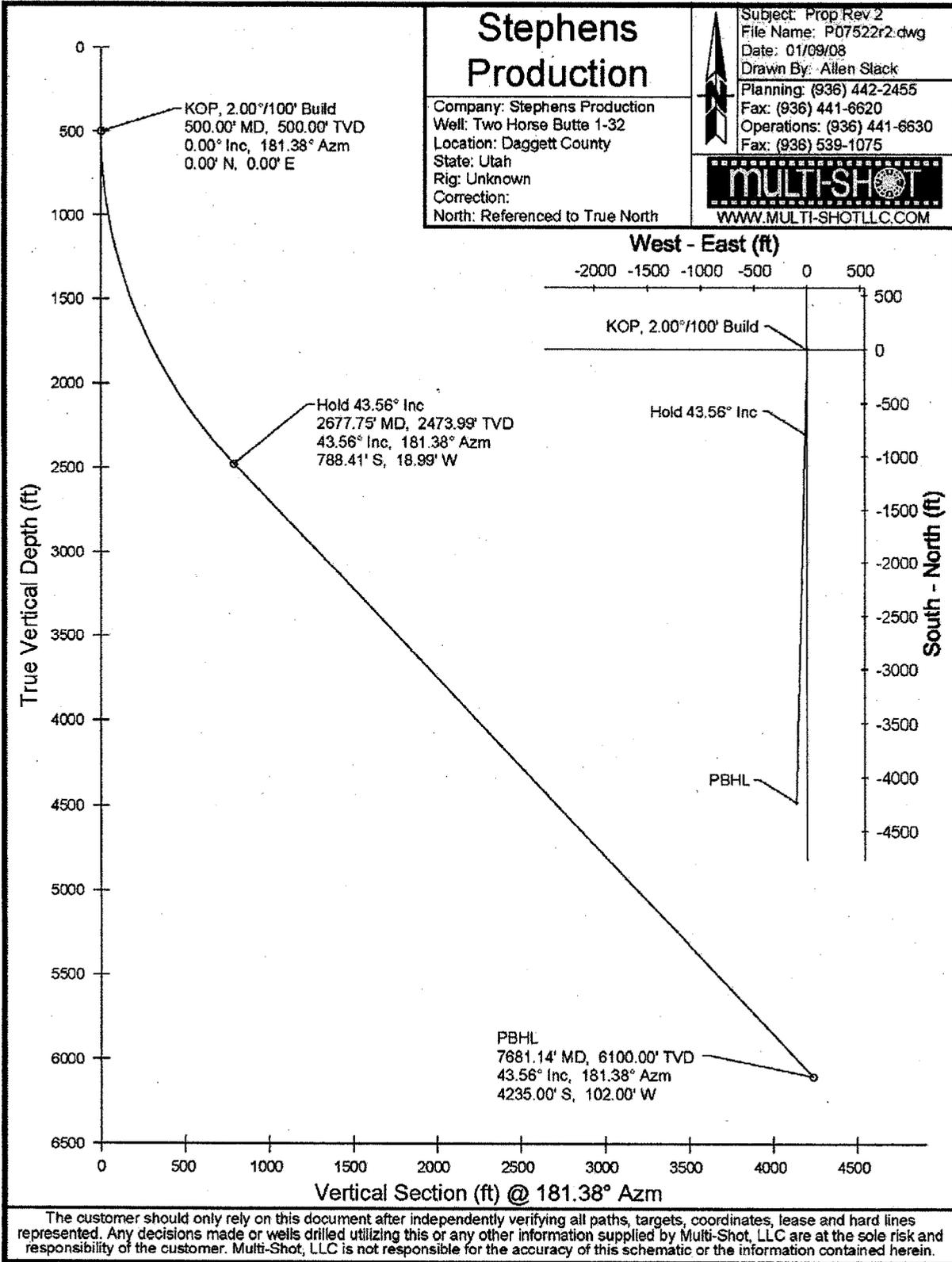
- s. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, production, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.

- t. This APD is subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field Office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in the Vernal Field Office no later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - 1. Operator name, address, and telephone number.
 - 2. Well name and number.
 - 3. Well location (1/4 1/4, Sec., Twn, Rng, and P.M.).
 - 4. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - 5. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - 6. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - 7. Unit agreement and/or participating area name and number, if applicable.
 - 8. Communitization agreement number, if applicable.

- u. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL 3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.



8. DIRECTIONAL PROGRAM



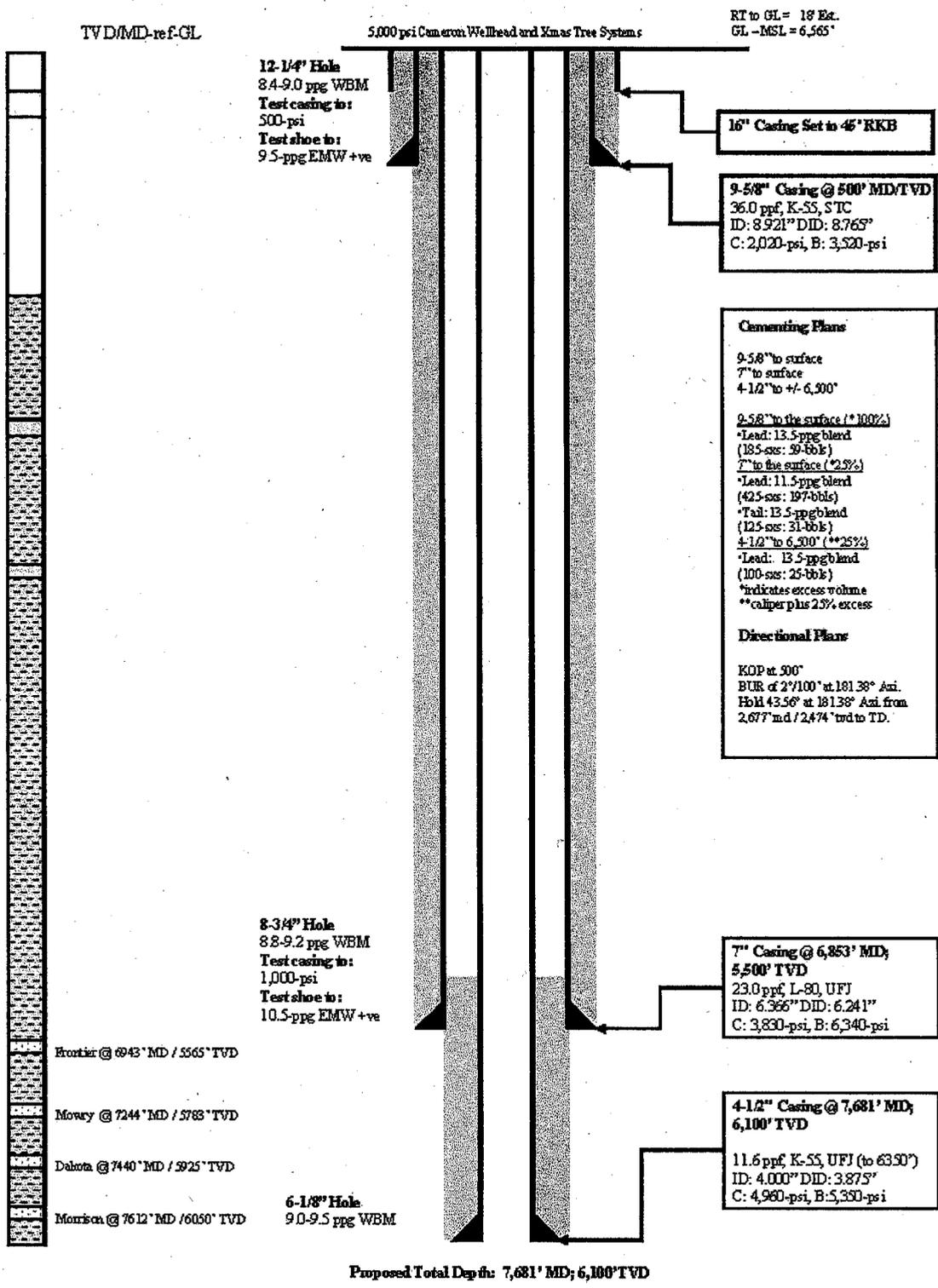
MULTI-SH · T	Job Number: P07-522	State/Country: Utah
	Company: Stephens Production	Declination:
	Lease/Well: Two Horse Butte 1-32	Grid: Referenced to True North
	Location: Daggett County	File name: F:\WELLPL-1\2007\P07520\S\IP07522\07522.SVY
	Rig Name: Unknown	Date/Time: 09-Jan-08 / 15:00
	RKB:	Curve Name: Prop Rev 2
G.L. or M.S.L.: 6565' est		

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 181.38
 Vertical Section Referenced to offset from Wellhead: EW=.00 Ft, NS=.00 Ft
 Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
KOP, 2.00°/100' Build									
500.00	.00	181.38	500.00	.00	.00	.00	.00	.00	.00
600.00	2.00	181.38	599.98	-1.74	-.04	1.75	1.75	181.38	2.00
700.00	4.00	181.38	699.84	-6.98	-.17	6.98	6.98	181.38	2.00
800.00	6.00	181.38	799.45	-15.69	-.38	15.69	15.69	181.38	2.00
900.00	8.00	181.38	898.70	-27.87	-.67	27.88	27.88	181.38	2.00
1000.00	10.00	181.38	997.47	-43.51	-1.05	43.52	43.52	181.38	2.00
1100.00	12.00	181.38	1095.62	-62.58	-1.51	62.60	62.60	181.38	2.00
1200.00	14.00	181.38	1193.06	-85.07	-2.05	85.10	85.10	181.38	2.00
1300.00	16.00	181.38	1289.64	-110.94	-2.67	110.98	110.98	181.38	2.00
1400.00	18.00	181.38	1385.27	-140.17	-3.38	140.21	140.21	181.38	2.00
1500.00	20.00	181.38	1479.82	-172.72	-4.16	172.77	172.77	181.38	2.00
1600.00	22.00	181.38	1573.17	-208.54	-5.02	208.60	208.60	181.38	2.00
1700.00	24.00	181.38	1665.21	-247.60	-5.96	247.67	247.67	181.38	2.00
1800.00	26.00	181.38	1755.84	-289.85	-6.98	289.93	289.93	181.38	2.00
1900.00	28.00	181.38	1844.94	-335.23	-8.07	335.33	335.33	181.38	2.00
2000.00	30.00	181.38	1932.39	-383.70	-9.24	383.81	383.81	181.38	2.00
2100.00	32.00	181.38	2018.11	-435.18	-10.48	435.31	435.31	181.38	2.00
2200.00	34.00	181.38	2101.97	-489.63	-11.79	489.77	489.77	181.38	2.00
2300.00	36.00	181.38	2183.88	-546.97	-13.17	547.13	547.13	181.38	2.00
2400.00	38.00	181.38	2263.74	-607.13	-14.62	607.30	607.30	181.38	2.00
2500.00	40.00	181.38	2341.45	-670.04	-16.14	670.23	670.23	181.38	2.00

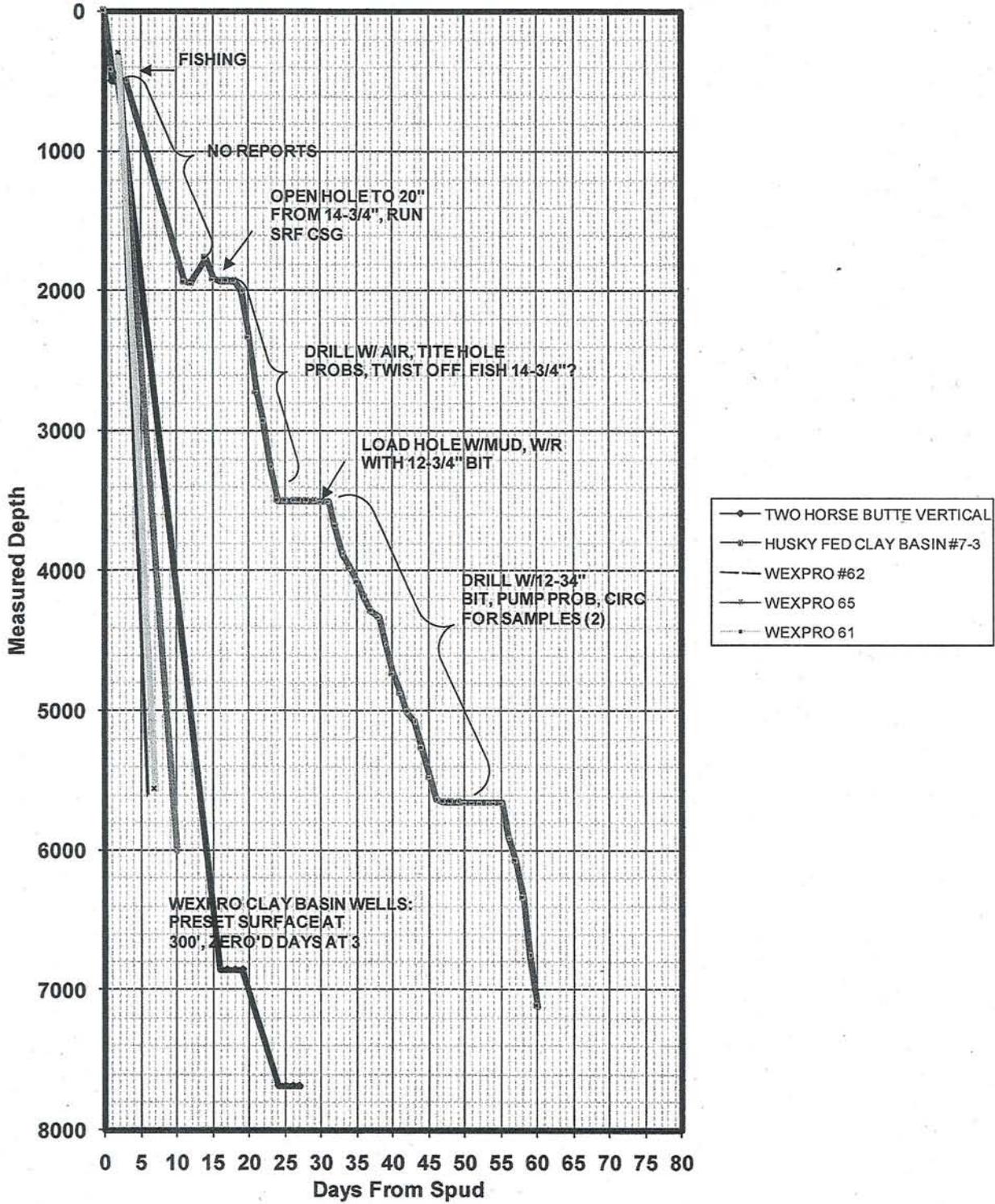
Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
2600.00	42.00	181.38	2416.92	-735.62	-17.72	735.84	735.84	181.38	2.00
Hold 43.56° Inc									
2677.75	43.56	181.38	2473.99	-788.41	-18.99	788.64	788.64	181.38	2.00
PBHL									
7681.14	43.56	181.38	6100.00	-4235.00	-102.00	4236.23	4236.23	181.38	.00

PLANNED WELLBORE DIAGRAM



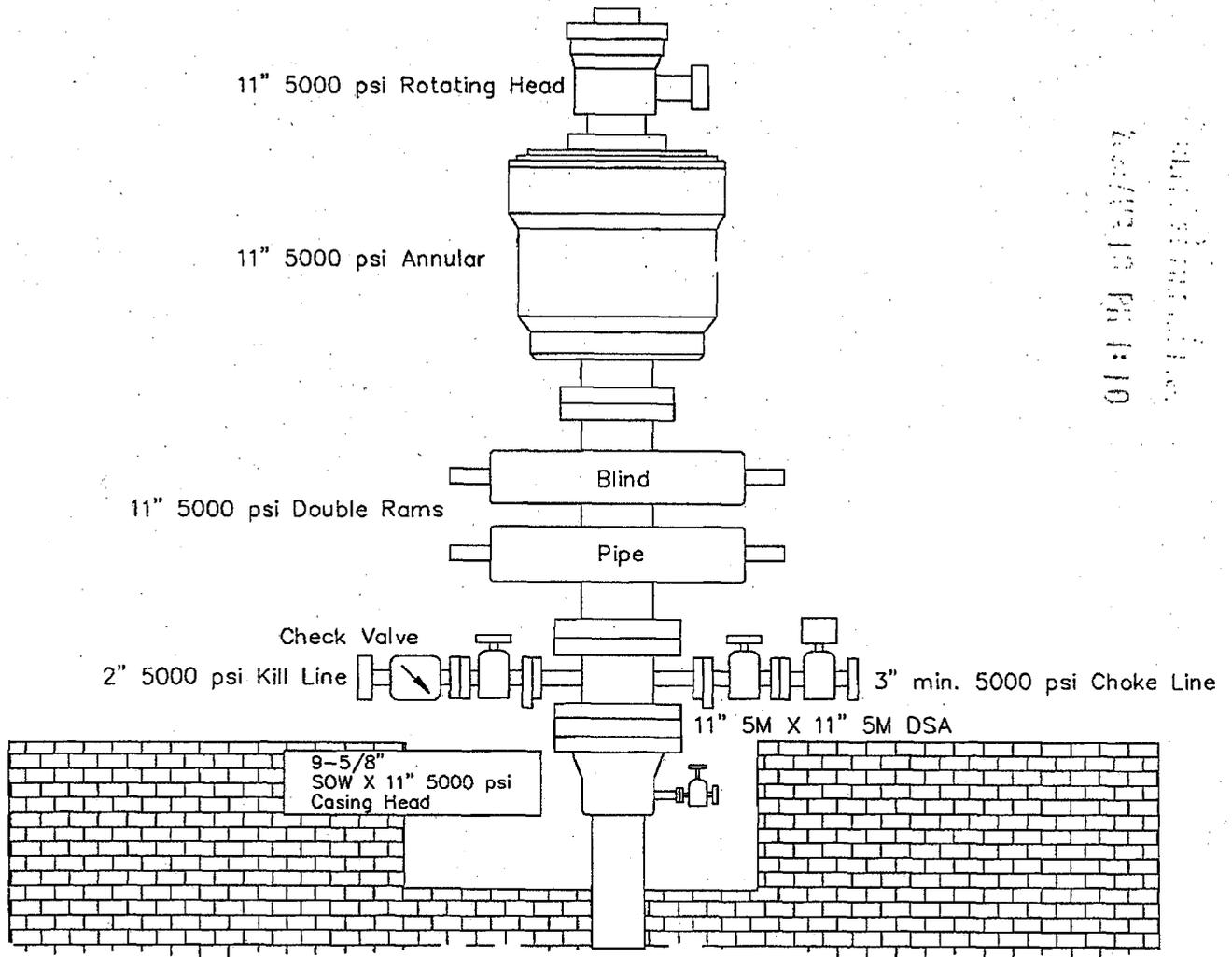
DRILLING TIME CURVE

TWO HORSE BUTTE #1-32

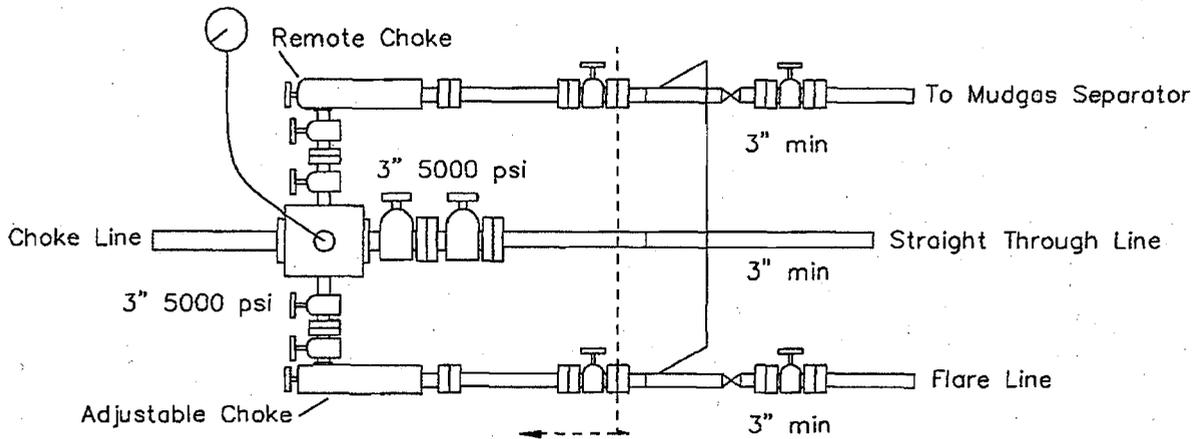


BOPE Diagram

5000 psi WP



Scale: 1/2" = 1'-0"



Choke Manifold (Typical)

ONSHORE ORDER NO. 1
Stephens Energy Company LLC

CONFIDENTIAL - TIGHT HOLE

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SURFACE USE PLAN

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**ONSHORE OIL & GAS ORDER NO. 1
NOTIFICATION REQUIREMENTS**

Title	Name	Office Phone	Cell Phone
Petroleum Engineer	Matt Baker	435-781-4490	435-828-4470
Petroleum Engineer	Michael Lee	435-781-4432	435-828-7875
Petroleum Engineer	James Ashley	435-781-4470	435-828-7874
Petroleum Engineer	Ryan Angus	435-781-4430	435-828-7368
Supervisory Petroleum Technician	Jamie Sparger	435-781-4502	435-828-3913
NRS/Enviro Scientist	Paul Buhler	435-781-4475	435-828-4029
NRS/Enviro Scientist	Karl Wright	435-781-4484	
NRS/Enviro Scientist	Holly Villa	435-781-4404	
NRS/Enviro Scientist	Chuck MacDonald	435-781-4441	
NRS/Enviro Scientist	Jannice Cutler	435-781-3400	
NRS/Enviro Scientist	Michael Cutler	435-781-3401	
NRS/Enviro Scientist	Anna Figueroa	435-781-3407	
NRS/Enviro Scientist	Verlyn Pindell	435-781-3402	
NRS/Enviro Scientist	Darren Williams	435-781-4447	
NRS/Enviro Scientist	Nathan Packer	435-781-3405	
After Hours Contact Number:		435-781-4513	435-781-4410 Fax



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NOTIFICATION REQUIREMENTS	
Location Construction (Notify NRS/Enviro Scientist)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify NRS/Enviro Scientist)	- Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supervisory Petroleum Technician)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supervisory Petroleum Technician)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

The onsite inspection for the subject well site was conducted on Tuesday, September 16, 2008 at approximately 10:15 a.m. Weather conditions were clear, cool and breezy. In attendance at the onsite inspection were the following individuals:

Holly Villa	Natural Resource Specialist	Bureau of Land Management
Amy Torres	Wildlife Biologist	Bureau of Land Management
Randy Smith	Field Technician	Permitco Inc.
Kurt Higgins		SITLA
Richard Powell	Petroleum Specialist	State of Utah
Charles Patterson	Recreation Specialist	Bureau of Land Management
Jason West	Recreation Specialist	Bureau of Land Management
Bart Hunting	Surveyor	UELS
Shay Kendall	Surveyor Hand	UELS
Doug Wein	Vice President	Stephens Energy Company LLC
John Warn		Stephens Energy Company LLC
Pat Rainbolt		Utah DWR
Ben Williams		Utah DWR



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1. EXISTING ROADS

- a. The proposed well site is located approximately 23.4 miles east of Dutch John, Utah.
- b. Directions to the location from Dutch John, Utah are as follows:

Proceed west 0.5 miles until reaching a fork in the road. Turn right and proceed northwest 5 miles. Turn right and proceed northeast 3.2 miles until reaching a fork in the road. Turn right and proceed east 12.6 miles. Turn right and proceed southeast 0.5 miles. Turn right onto the proposed access and proceed south 1.6 miles until reaching the proposed location.
- c. For location of access roads within a 2-Mile radius, see Maps A1, A2 & B.
- d. Improvement to existing main roads will not be required.
- e. All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.
- f. Existing roads and newly constructed roads on surface under the jurisdiction of any Surface Managing Agency shall be maintained in accordance with the standards of the SMA.

2. NEW OR RECONSTRUCTED ACCESS ROADS

- a. There will be approximately 1.6 miles of new access to be constructed. It will be constructed as a crowned and ditched road with a running surface of 18 feet and a maximum disturbed width of 30 feet.
- b. The maximum grade of the new construction will not exceed 8%.
- c. There will be six culverts installed along the proposed access road; one 18", 48", 54" and 120" and two 24" culverts as shown on Map B. No low water crossings will be necessary.
- d. The use of surfacing material is not anticipated, however it may be necessary depending on weather conditions.



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SURFACE USE PLAN

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- e. No cattle guards will be necessary.
- f. Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.
- g. No upgrading of the existing access roads will be necessary.
- h. The road has been constructed/upgraded to meet the standards of the anticipated traffic flow and all weather road requirements. Construction/upgrading shall include ditching, draining, graveling, crowing and capping the roadbed as necessary to provide a well constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.
- i. No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.
- j. We are requesting that this APD be used for our application for Road Right of Way for the access road located in Sections 20 and 29. Please let us know once a category determination has been made so that we may send in the necessary filing fees.

3. LOCATION OF EXISTING WELLS WITHIN A 1-MILE RADIUS OF THE PROPOSED LOCATION
(See Map "C")

- a. Water wells - none
- b. Producing wells - none
- c. Shut-in wells - none
- d. Temporarily abandoned wells - none
- e. Disposal wells - none
- f. Abandoned wells - none



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4. LOCATION OF EXISTING AND/OR PROPOSED PRODUCTION FACILITIES

- a. All permanent structures (onsite for six months or longer) constructed or installed (including oil well pump jacks) will be painted Olive Black. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded.
- b. If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain at a minimum, the entire contents of the largest tank within the facility/battery, unless more stringent protective requirements are deemed necessary by the authorized officer.
- c. If the well is productive, a production facility layout will be submitted via sundry.
- d. All loading lines will be placed inside the berm surrounding the tank battery.
- e. Gas meter runs for each well will be located within 500 feet of the wellhead. The gas flow line will be buried or anchored down from the wellhead to the separator. Meter runs will be housed and/or fenced.
- f. If at any time the facilities located on public land and authorized by the terms of the lease are no longer included in the lease (due to a contraction in the unit or other lease or unit boundary change), BLM will process a change in authorization to the appropriate statute. The authorization will be subject to appropriate rental or other financial obligation as determined by the authorized officer.
- g. Any necessary pits will be properly fenced to prevent any wildlife entry.
- h. All site security guidelines identified in 43 CFR 3162.7 regulations will be adhered to.
- i. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the District Manager.
- j. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.
- k. All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.



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SURFACE USE PLAN

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- l. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
- m. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic.
- n. The road will be maintained in a safe useable condition.
- o. Produced water will be stored in a 300 bbl heated, insulated tank, then hauled to a commercial disposal site such as Disposal Inc., or Brennan Bottom.
- p. Pipelines will be laid as shown on Map D. See Pipeline Detail Sheet attached.

5. LOCATION AND TYPE OF WATER SUPPLY

- a. The proposed water source will be from a private water well owned by Target Trucking Inc., Water Permit No. 2015.
- b. Water will be hauled by Target Trucking Inc. to the location over the access roads shown on Maps A1, A2 and B.
- c. No water well will be drilled on this lease.

6. CONSTRUCTION MATERIALS

- a. Surface and subsoil materials in the immediate area will be utilized.
- b. Any gravel used will be obtained from a commercial source.
- c. The use of materials under BLM jurisdiction will conform with 43 CFR 3610.2.3.
- d. No construction materials will be removed from Federal land.



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- e. Operator shall notify any active Gilsonite mining operating within 2 miles of the location 48 hours prior to any blasting during construction for this well.

7. METHODS OF HANDLING WASTE DISPOSAL

- a. The reserve pit will be constructed so as not to leak, break, or allow discharge.
- b. The reserve pit will be lined with felt and a 16 mil liner. If fractured rock is encountered, the pit will be first lined with sufficient bedding (either straw or dirt) to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. More stringent protective requirements may be deemed necessary by the A.O.
- c. Burning will not be allowed. All trash will be contained in a trash cage and its contents removed at the end of drilling operations and hauled to an approved disposal sight.
- d. After first production, produced waste water will be confined to a unlined pit or storage tank for a period not to exceed ninety (90) days. During the 90-day period, in accordance with Onshore Order No. 7, an application for approval of a permanent disposal method and location, along with the required water analysis, will be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.
- e. Drill cuttings are to be contained and buried in the reserve pit.
- f. Any salts and/or chemicals which are an integral part of the drilling system will be disposed of in the same manner as the drilling fluid.
- g. A chemical porta-toilet will be furnished with the drilling rig.
- h. The produced fluids will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas salt water or other produced fluids will be cleaned up and removed.



Two Horse Butte #42-32

Lease No. UTU-85093 (Btm. Hole)

SE NE, 2411' FNL and 1157' FEL, Sec. 32, T3N - R24E (Surface)
NW NE, 1346' FNL and 1446' FEL, Sec. 5, T2N - R24E (Btm. Hole)
Daggett County, Utah

SURFACE USE PLAN

Page 8

8. ANCILLARY FACILITIES

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

9. WELL SITE LAYOUT

- a. The operator or his/her contractor shall contact the BLM Office at 435/781-4400 forty-eight (48) hours prior to construction activities.
- b. The reserve pit will be located on the south side of the location.
- c. The flare pit will be located on the west side of the reserve pit, a minimum of 100 feet from the well head and 20 feet from the reserve pit fence.
- d. Trees will be stockpiled near the well pad, or at the base of the fill slope.
- e. Access on to the well pad will be from the east as shown on the Pit & Pad Layout.
- f. See Location Layout for orientation of rig, cross section of drill pad and cuts and fills.
- g. The location of mud tanks; reserve pit, trash cage; pipe racks; living facilities and soil stockpiles will be shown on the Location Layout.
- h. All pits will be fenced according to the following minimum standards:
 1. 39 inch net wire shall be used with three strands of barbed wire on top of the net wire (barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
 2. The net wire shall be no more than 2-inches above the ground. The barbed wire shall be 3-inches above the net wire. Total height of the fence shall be at least 42-inches.
 3. Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
 4. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.



5. All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.
- i. The reserve pit fencing will be on three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until cleanup.

10. **PLANS FOR SURFACE RECLAMATION**

Producing Location

- a. Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash and junk not required for production.
- b. Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with 43 CFR 3162.7-1.
- c. If a plastic nylon reinforced liner is used it shall be torn and perforated before backfilling of the reserve pit.
- d. The reserve pit and that portion of the location not needed for production facilities or operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 120 days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed and all cans, barrels, pipe, etc., will be removed.
- e. Reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer. A seed mixture will be specified by the Bureau of Land Management in their Conditions of Approval for the subject well.

Seeding will be performed immediately after the location has been reclaimed and the pit has been backfilled, regardless of the time of year. Seed will be broadcast and walked in with a dozer.

- f. The topsoil stockpile will be seeded as soon as the location has been constructed with the same recommended seed mix. The seed will be walked in with a cat.
- g. The seed mixture will be provided by the State of Utah.



Two Horse Butte #42-32

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Daggett County, Utah

SURFACE USE PLAN

Page 10

Plugged and Abandoned

- a. At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and BLM will attach the appropriate surface rehabilitation conditions of approval.
- b. Following well plugging and abandonment, the location, the access roads, pipelines, and other facilities shall be reclaimed. All disturbed surfaces shall be reshaped to approximate the original contour; the top soil respread over the surface; and, the surface revegetated per BLM requirements.
- c. Other reclamation methods including but not limited to mulching or soil treatments may be required on a site-specific basis.

Interim Surface Reclamation will be as follows:

- a. Immediately after final well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production operations.
- b. Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in the reserve pit will be removed. Other waste and spoil materials will be disposed of immediately, weather permitting, upon final well completion.
- c. If a synthetic, nylon re-enforced, liner is used, the excess liner will be cut off and removed and the remaining liner will be torn and perforated while backfilling the reserve pit. Alternatively, the pit will be pumped dry, the liner folded into the pit, and the pit backfilled. The liner will be buried to a minimum of four (4) feet deep.
- d. The reserve pit will be reclaimed within 180 days from the date of final well completion, weather permitting.
- e. The reserve pit and that portion of the location not needed for production and storage facilities, and everyday production operations, will be reshaped to the approximate original contours to the extent possible. This will be completed by backfilling and crowning the pit to prevent water from standing. Topsoil will be re-spread up to the rig anchor points, excluding the area needed for production and storage facilities and everyday production operations. Re-seeding, using appropriate reclamation methods, will occur immediately



Two Horse Butte #42-32

Lease No. UTU-85093 (Btm. Hole)

SE NE, 2411' FNL and 1157' FEL, Sec. 32, T3N - R24E (Surface)
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Daggett County, Utah

SURFACE USE PLAN

Page 11

following the re-spreading of topsoil, weather permitting. The Authorized Officer will provide a seed mixture to re-vegetate the reserve pit and other unused disturbed areas at the time of the onsite.

11. **SURFACE OWNERSHIP**

Access Roads - The majority of the access roads are maintained by the County Road Department or the BLM.

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

12. **OTHER INFORMATION**

- a. A Class III archeological survey has been conducted by Grand River Institute and is attached. No cultural resources were found and clearance for the project has been recommended.
- b. A Paleontological Evaluation was done by Alden Hamblin and is attached.
- c. The operator is responsible for informing all persons in the areas who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator is to immediately stop work that might further disturb such materials, and contact the authorized officer (AO). Within five working days the AO will inform the operator as to:

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

-the mitigation measures the operator will likely have to undertake before the site can be used (assuming in situ preservation is not necessary); and

-a time frame for the AO to complete and expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate. If the operator wishes, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this



Two Horse Butte #42-32

Lease No. UTU-85093 (Btm. Hole)

SE NE, 2411' FNL and 1157' FEL, Sec. 32, T3N - R24E (Surface)
NW NE, 1346' FNL and 1446' FEL, Sec. 5, T2N - R24E (Btm. Hole)
Daggett County, Utah

SURFACE USE PLAN

Page 12

process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials may be required. Otherwise, the operator will be responsible for mitigation costs. The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

- d. The operator will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.
- e. Drilling rigs and/or equipment used during drilling operations on this wellsite will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure.
- f. All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.
- g. A complete copy of the approved APD shall be on location during construction of the location and drilling activities.
- h. There will be no deviation from the proposed drilling and/or work over program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended or abandoned will be identified in accordance with 43 CFR 3162.
- i. "Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- j. This permit will be valid for a period of two years from the date of approval. An extension period may be granted, if requested, prior to the expiration of the original approval period. After permit termination, a new application will be filed for approval for any future operations.



ONSHORE ORDER NO. 1
Stephens Energy Company LLC

Two Horse Butte #42-32

SE NE, 2411' FNL and 1157' FEL, Sec. 32, T3N - R24E (Surface)
NW NE, 1346' FNL and 1446' FEL, Sec. 5, T2N - R24E (Btm. Hole)
Daggett County, Utah

CONFIDENTIAL - TIGHT HOLE

Lease No. UTU-85093 (Btm. Hole)

SURFACE USE PLAN

Page 13

- k. The operator or his contractor shall contact the BLM Offices at 435/781-4400 48 hours prior to construction activities.
- l. The BLM Office shall be notified upon site completion prior to moving on the drilling rig.

AGENT AND OPERATOR'S CONTACT INFORMATION

Permit Matters

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

Drilling & Completion Matters

Stephens Energy Company LLC
1825 Lawrence Street, Suite 300
Denver, CO 80202
Doug Wein - Vice president
303/296-2012 (Office)
303/298-1181 (Fax)

Baron Honea
479/783-4191 (Cell)



PIPELINE INFORMATION
Two Horse Butte #42-32

1. The type of pipeline is a gathering system.
2. The outside diameters (O.D.) of all pipe sizes is 6.625 inches.
3. The anticipated production through the line is 10,000 MCF per day.
4. The anticipated maximum test pressure is * 1,700 psi.
* Dependant / potentially restricted upon requirements to hook-up to the El Paso's (Wyoming Interstate Company, Ltd.) Kandra transmission pipeline.
5. The anticipated operating pressure is * 1545 psi.
* Dependant / potentially restricted upon requirements to hook-up to the El Paso's (Wyoming Interstate Company,, Ltd.) Kandra transmission pipeline.
6. The type of pipe is steel.
7. The method of coupling is welded.
8. There are no other pipelines to be associated in the same trench.
9. There are no other objects to be associated in the same trench.
10. The total length of pipeline is approximately \pm 825 feet.
From the wellhead to El Paso's (Wyoming Interstate Company,, Ltd.) Kandra transmission pipeline.
11. The width of the trench is 2 - 3 feet. The depth of the trench will be a minimum of 3 feet.
12. The depth of cover of the pipeline is 3 feet.
13. The method of entrenchment will be with a backhoe and/or a trenching machine.
14. The construction width needed for total surface disturbing activities is 30' or less.
15. The estimate of total acreage involving all surface disturbing activities is \pm 0.57 acres.
16. A separator, meter and compressor station will be associated with the proposed pipeline operation.
17. Reclamation procedures will include re-contouring to original surface features, and reseeding as required by SITLA.



STEPHENS ENERGY COMPANY LLC

March 10, 2009 (Sent Via Certified U.S. Mail)

Questar Exploration and Production Company
Independence Plaza
1050 17th Street, Suite 500
Denver, CO 80265
Attn: Ms. Birgit Roesink

RE: SEC's Two Horse Butte Unit #42-32 Well
Proposed Well - Waiver
SITLA Special Use Lease No. 1589
Surface Location / T3N-R24E, Section 32: SE $\frac{1}{4}$ NE $\frac{1}{4}$
Daggett County, Utah

Dear Ms. Roesink:

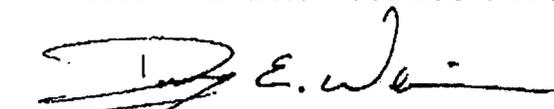
Stephens Energy Company LLC (SEC) in its capacity as operator and its partner Savant Resources will drill the proposed captioned well which is expected to commence sometime in the Spring / Summer of 2009. The well will be drilled directionally from the captioned surface location (refer to the attached diagrams) and vertically completed at an intended bottom hole location being approximately the center of the NE $\frac{1}{4}$ of Section 5, T2N-R24E. The surface location was selected due to steep topographic conditions at the bottom hole location.

SEC has submitted the captioned Special Use Lease (No. 1589) to the State of Utah School & Institutional Trust Lands Administration (the surface location land owner). Questar owns State of Utah mineral lease no. ML25712 which covers the N $\frac{1}{2}$ of Section 32, T3N-R24E, Daggett County, Utah. SEC's subject well's drill pipe / production string will not be perforated underlying Questar's mineral lease ML25712.

To complete the requirements of the Application for Permit to Drill which was filed with the Utah Division of Oil, Gas and Mining, the purpose of this letter is to obtain written response from Questar which indicates that it has no objection to the directional drilling plan of SEC's proposed well which will occupy lands at the surface location (3.616 acres) overlying Questar's mineral lease. Please have the appropriate Questar official execute both counterpart originals of this letter signifying its acceptance and return one executed letter back to SEC (to the attention of the undersigned). The remaining letter is for Questar's records.

Sincerely,

STEPHENS ENERGY COMPANY LLC


Douglas E. Wein,
Vice President

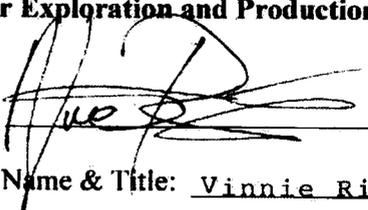
RECEIVED

JUN 30 2010

DIV. OF OIL, GAS & MINING

Questar Exploration and Production Company has no objections to the directional drilling plan of SEC's proposed Two Horse Butte Unit #42-32 Well.

Questar Exploration and Production Company

By: 

Printed Name & Title: Vinnie Rigatti - General Manager

Date: 4/6/2009

Cc: UDOGM / Mr. Brad Hill
SITLA / Ms. LaVonne Garrison
Savant Resources / Mr. Larry Lillo



RECEIVED

APR 17 2009

DENVER OFFICE

Questar Exploration and Production Company

Independence Plaza

1050 17th Street, Suite 500

Denver, CO 80265

Tel 303 672 6900 • Fax 303 254 0632

Rocky Mountain Region

April 6, 2009

Stephens Energy Company, LLC
1825 Lawrence Street, Suite 300
Denver, CO 80202
Attn: Douglas E. Wein

RE: SEC's Two Horse Butte Unit #42-32 Well
Proposed Well – Waiver
SITLA Special Use Lease No. 1589
Surface Location / T3N-R24E, Section 32: SE¼NE¼
Daggett County, Utah

Dear Mr. Wein,

Questar Exploration & Production Company (Questar) has received your letter and request for a waiver regarding the location of the Two Horse Butte Unit #42-32 well. At this time, Questar has no objections to the surface location of this well overlying Questar's mineral lease number ML25712. Please see the attached statement and signature page.

Should you have any further questions or concerns, please feel free to contact me at (303) 672-6993, or at Heidi.Camp@Questar.com.

Respectfully,

Heidi R. Camp
Permit Agent

Attachment: Signature page

STEPHENS ENERGY COMPANY, LLC
TWO HORSE BUTTE #42-32
 LOCATED IN DAGGETT COUNTY, UTAH
 SECTION 32, T3N, R24E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY

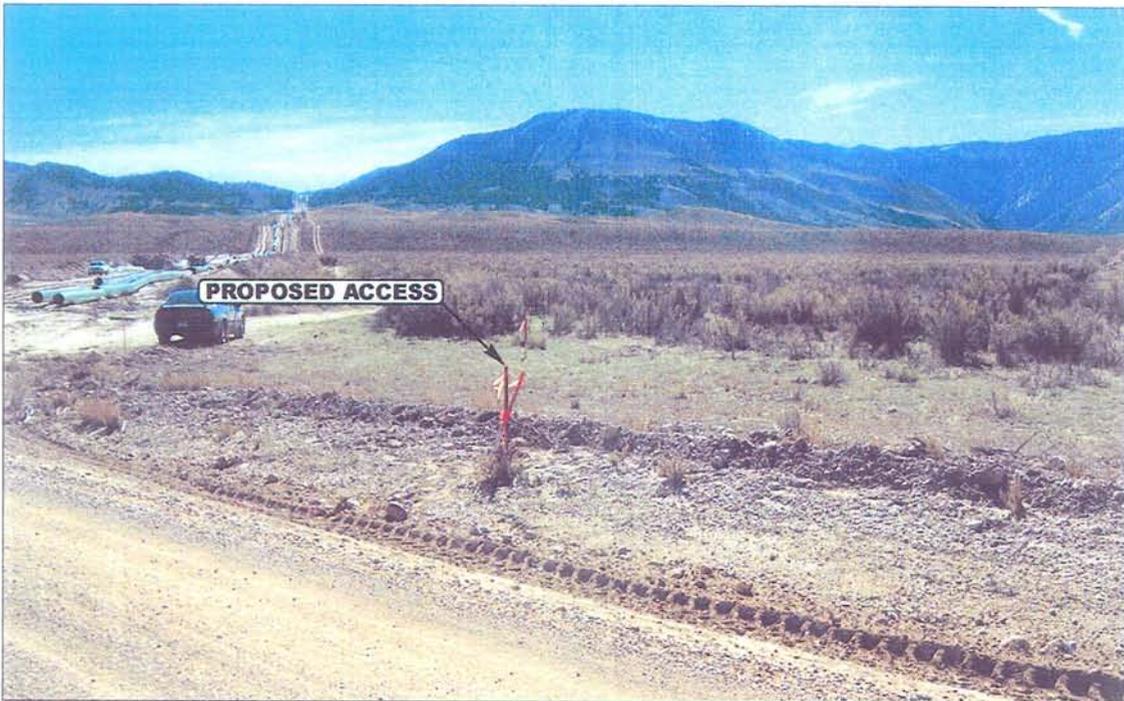


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

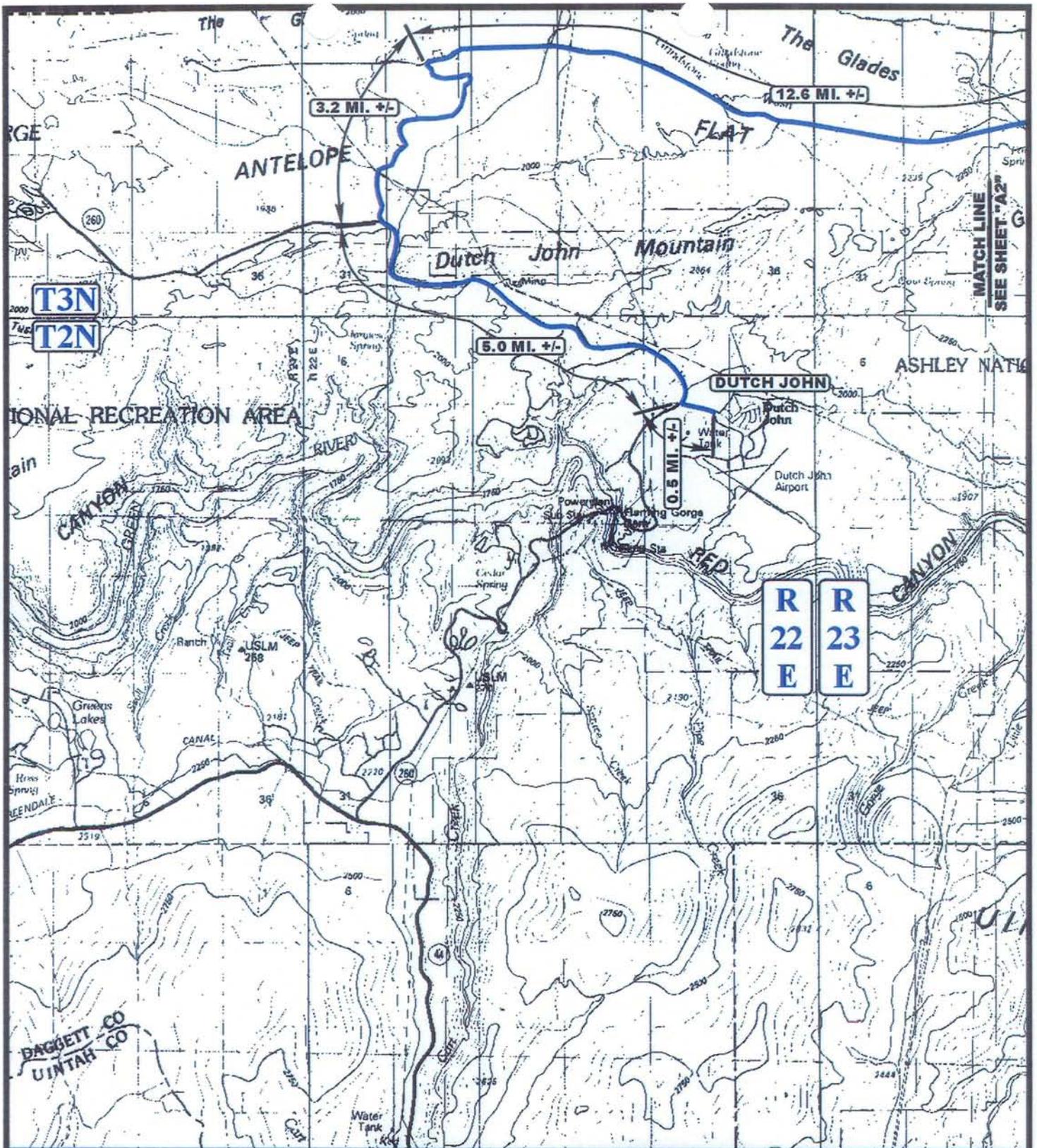
CAMERA ANGLE: SOUTHERLY



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

LOCATION PHOTOS			10	30	07	PHOTO
			MONTH	DAY	YEAR	
TAKEN BY: J.W.	DRAWN BY: Z.L.	REVISED: 00-00-00				

- Since 1964 -



LEGEND:

PROPOSED LOCATION

STEPHENS ENERGY COMPANY, LLC

**TWO HORSE BUTTE #42-32
SECTION 32, T3N, R24E, S.L.B.&M.
2411' FNL 1157' FEL**



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

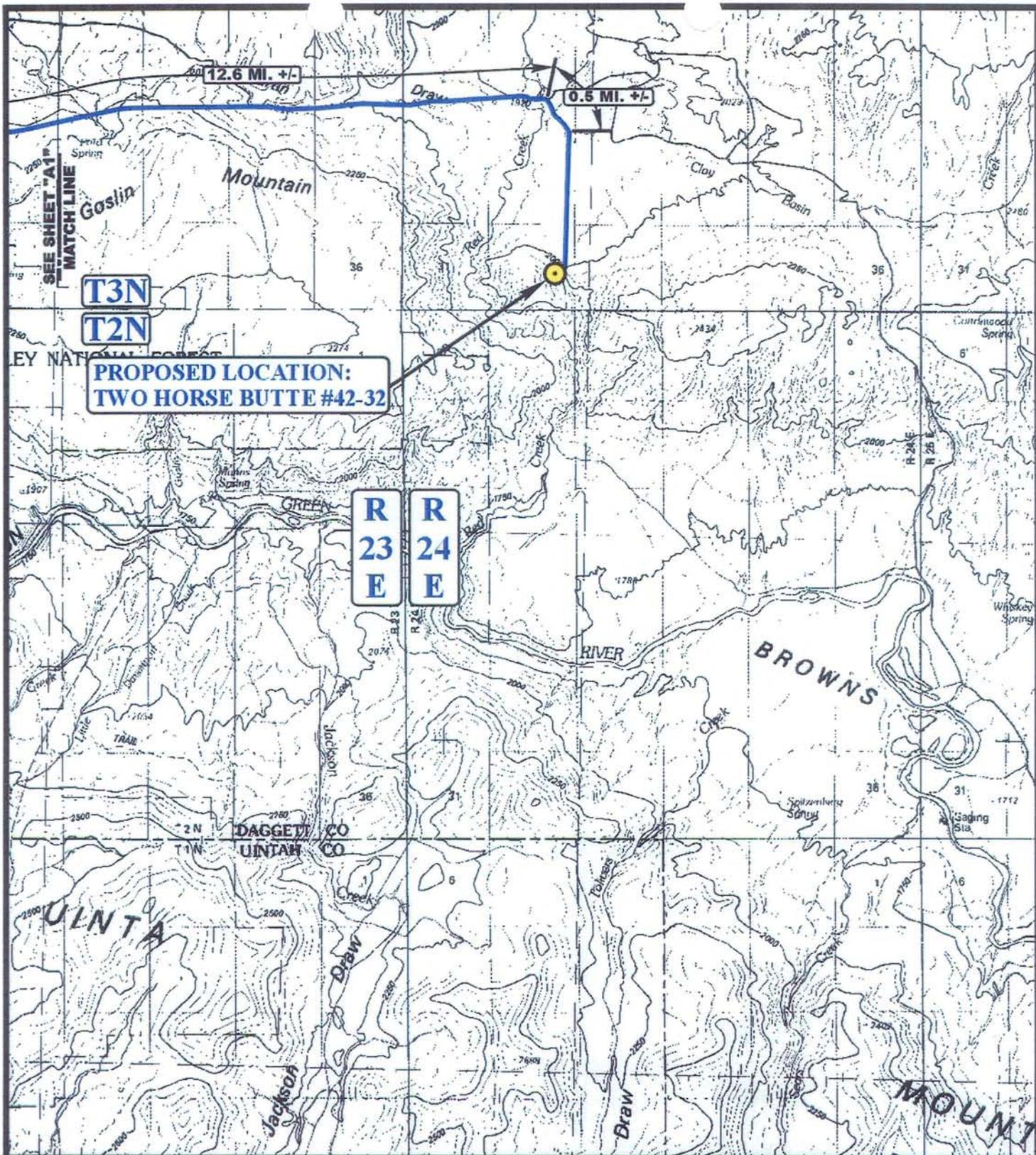


**TOPOGRAPHIC
MAP**

10 30 07
MONTH DAY YEAR

**A1
TOPO**

SCALE: 1:100,000 DRAWN BY: Z.L. REVISED: 10-15-08



**PROPOSED LOCATION:
TWO HORSE BUTTE #42-32**

**R
23
E** **R
24
E**

LEGEND:

 **PROPOSED LOCATION**

STEPHENS ENERGY COMPANY, LLC

**TWO HORSE BUTTE #42-32
SECTION 32, T3N, R24E, S.L.B.&M.
2411' FNL 1157' FEL**



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

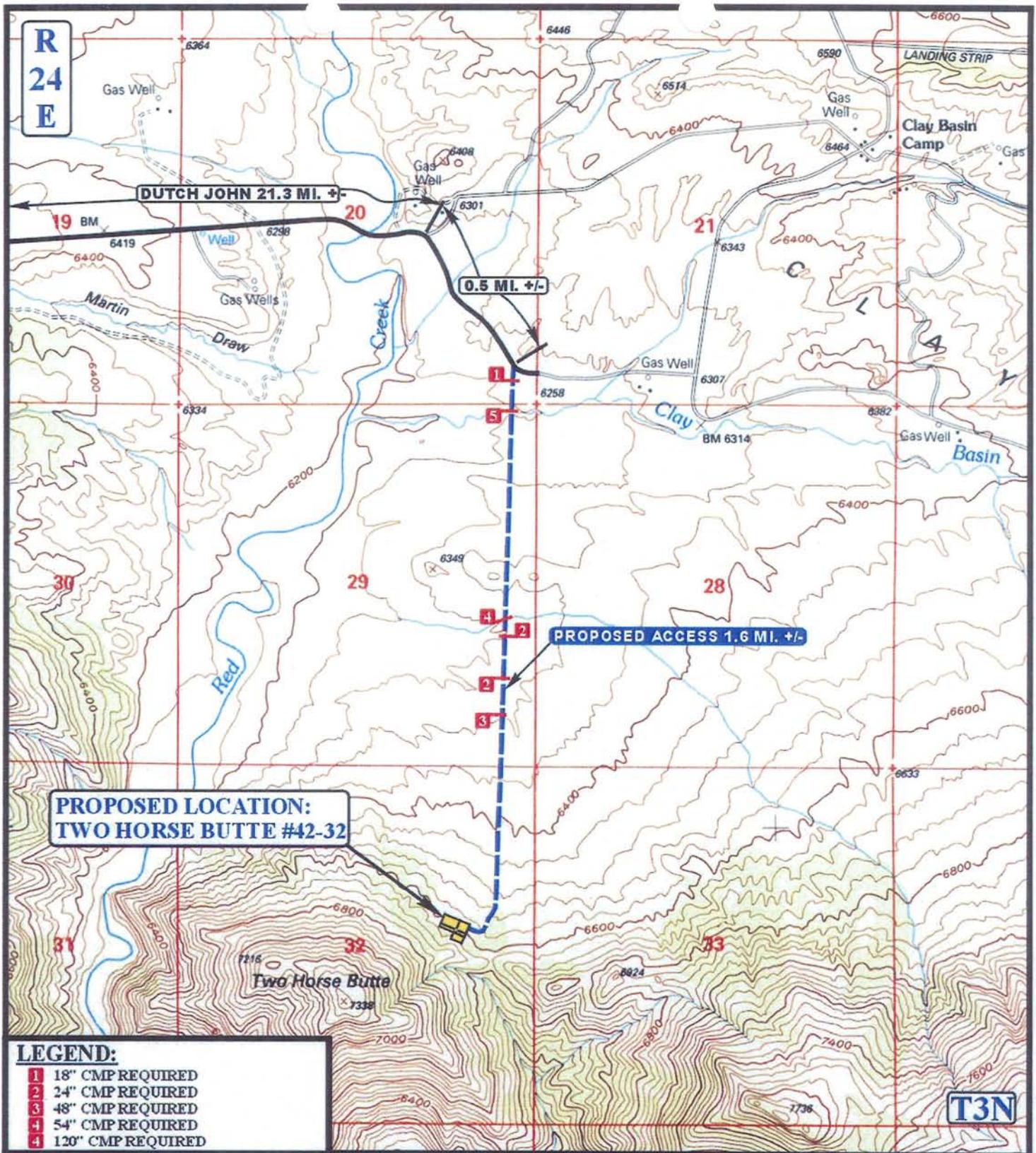


**TOPOGRAPHIC
MAP**

10 30 07
MONTH DAY YEAR

**A2
TOPO**

SCALE: 1:100,000 DRAWN BY: Z.L. REVISED: 10-15-08



LEGEND:

— EXISTING ROAD

- - - PROPOSED ACCESS ROAD

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

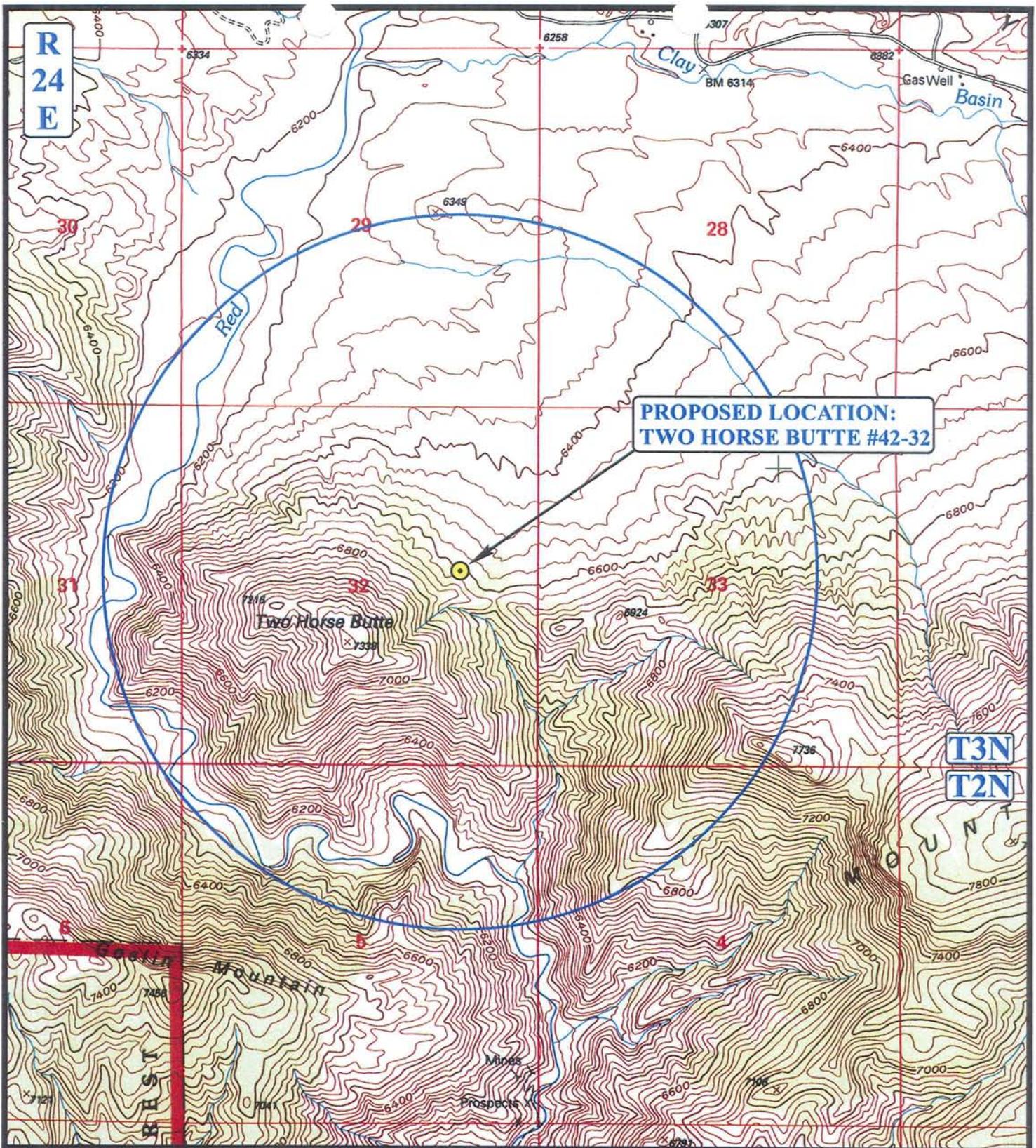
STEPHENS ENERGY COMPANY, LLC

TWO HORSE BUTTE #42-32
SECTION 32, T3N, R24E, S.L.B.&M.
2411' FNL 1157' FEL

TOPOGRAPHIC MAP 10 30 07
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: Z.L. REVISED: 10-15-08

B TOPO



**PROPOSED LOCATION:
TWO HORSE BUTTE #42-32**

LEGEND:

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

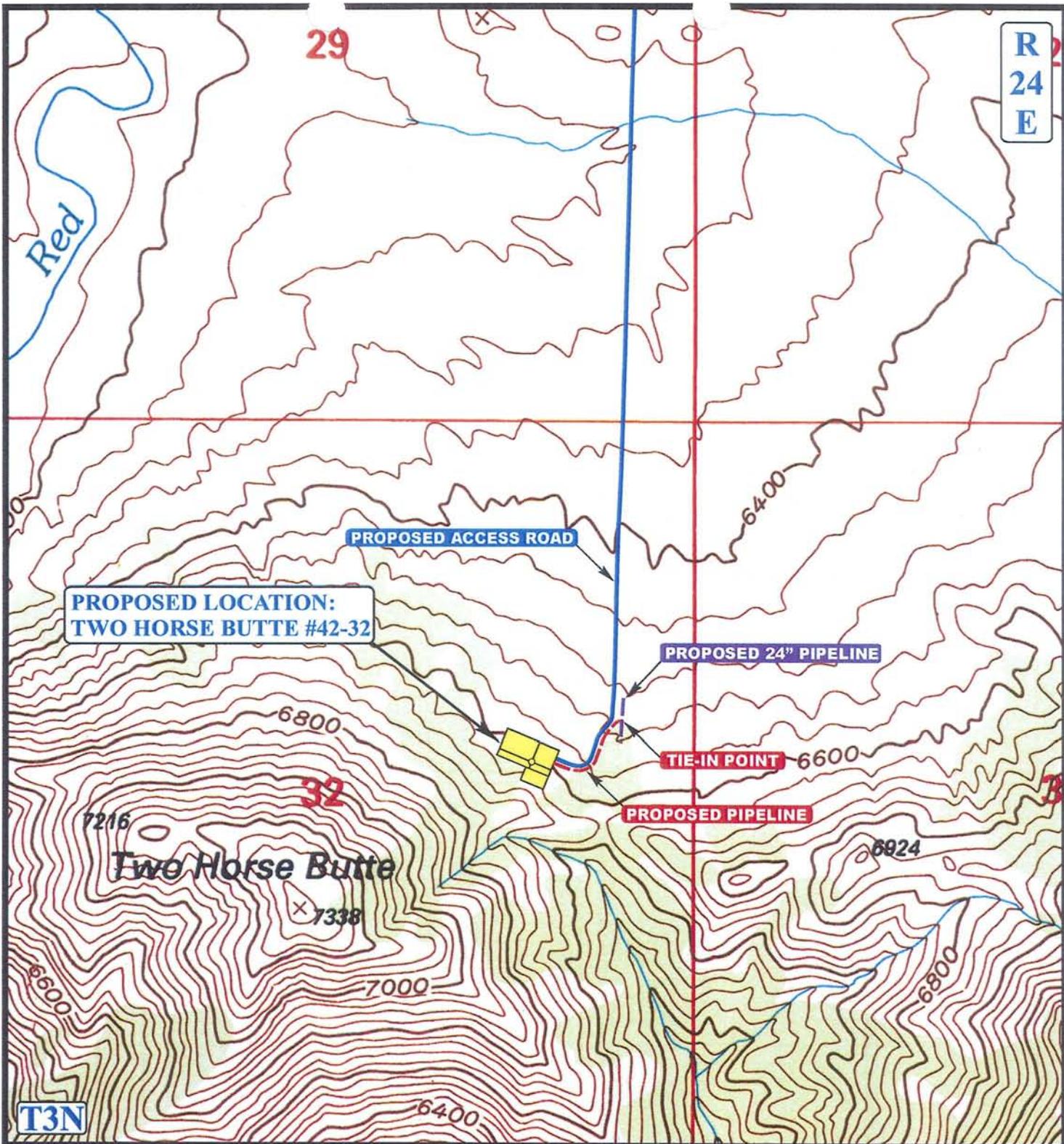
STEPHENS ENERGY COMPANY LLC

**TWO HORSE BUTTE #42-32
SECTION 32, T3N, R24E, S.L.B.&M.
2411' FNL 1157' FEL**

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



TOPOGRAPHIC MAP 10 30 07
MONTH DAY YEAR
SCALE: 1" = 2000' DRAWN BY: Z.L. REVISED: 00-00-00 **TOPO**



APPROXIMATE TOTAL PIPELINE DISTANCE = 2100' +/-

LEGEND:

-  PROPOSED ACCESS ROAD
-  EXISTING PIPELINE
-  PROPOSED PIPELINE

STEPHENS ENERGY COMPANY LLC

TWO HORSE BUTTE #42-32
SECTION 32, T3N, R24E, S.L.B.&M.
2411' FNL 1157' FEL



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



TOPOGRAPHIC MAP **10 30 07**
 MONTH DAY YEAR
 SCALE: 1" = 1000' DRAWN BY: Z.L. REVISED: 00-00-00



STEPHENS ENERGY COMPANY, LLC

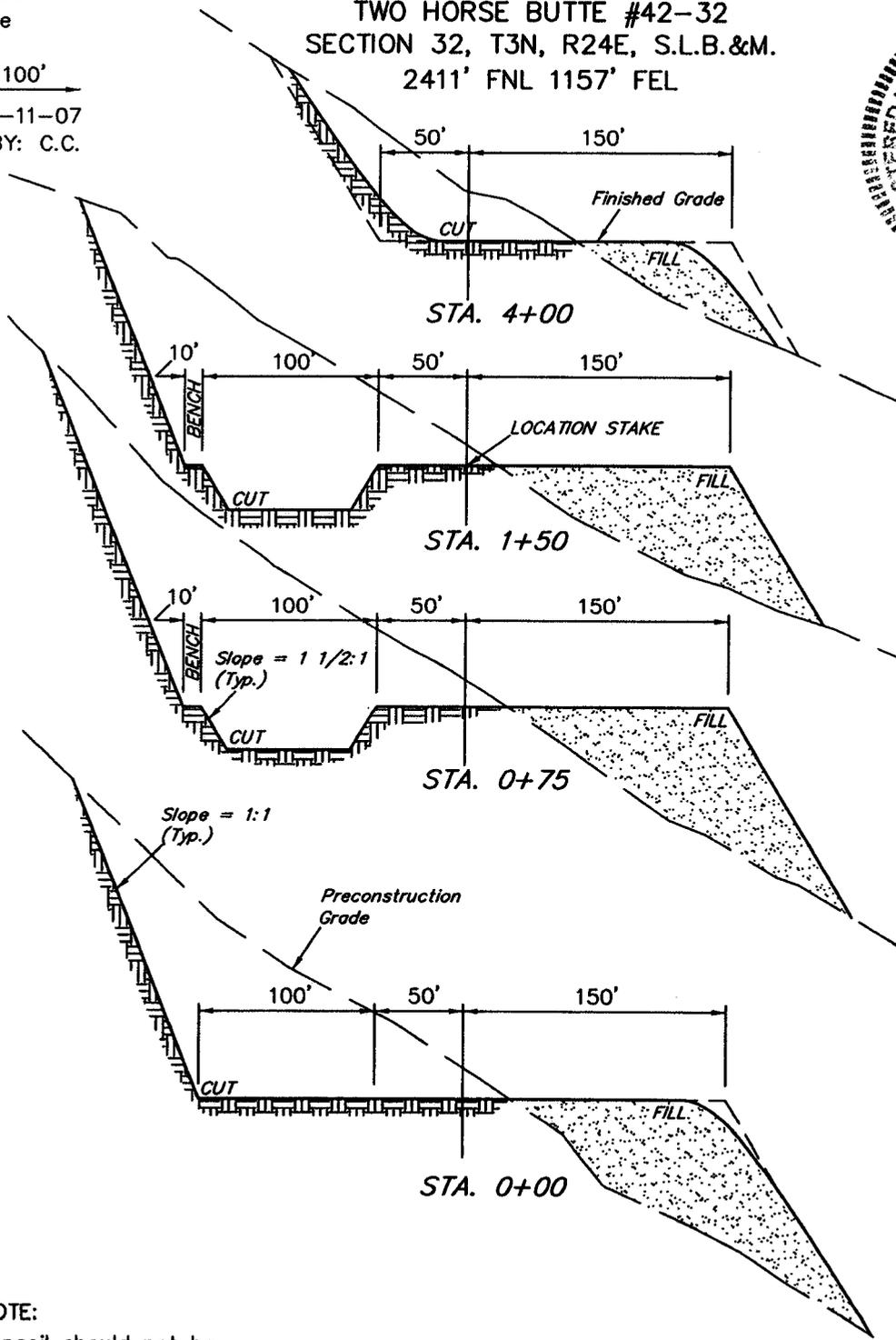
TYPICAL CROSS SECTIONS FOR

TWO HORSE BUTTE #42-32
SECTION 32, T3N, R24E, S.L.B.&M.
2411' FNL 1157' FEL



1" = 40'
X-Section
Scale
1" = 100'

DATE: 12-11-07
DRAWN BY: C.C.



NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

*** NOTE:**

FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 3,770 Cu. Yds.
Remaining Location	= 62,940 Cu. Yds.
TOTAL CUT	= 66,710 CU.YDS.
FILL	= 43,120 CU.YDS.

EXCESS MATERIAL	= 23,590 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 6,300 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 17,290 Cu. Yds.

CULVERT CONSTRUCTION DETAILS

THE PLANS SHOW AN ESTIMATE OF THE NUMBER AND THE SIZE OF THE CULVERTS TO BE PLACED ON THE ROAD. THERE MAY NEED TO BE SOME FIELD ADJUSTMENTS MADE BY THE CONTRACTOR, BLM, AND/OR INSPECTOR/ENGINEER TO THE PLACEMENT AND LENGTH OF THE CULVERTS AND WING DITCHES.

CULVERT INGRESS AND EGRESS DITCH LENGTHS ARE TO BE DETERMINED DURING CONSTRUCTION. ALL DITCHES ARE TO BE CONSTRUCTED WITH SUFFICIENT SLOPE SO THAT WATER WILL EXIT THE DOWNSTREAM SIDE AND NOT POND IN THE DITCH.

ALL CULVERTS SHALL BE OF SUFFICIENT STRENGTH TO SUPPORT AN HS-20 LOADING OR HEAVIER. CHECK WITH MANUFACTURER FOR INFORMATION ABOUT MINIMUM COVER AND LOAD RATINGS. IN NO CASE SHALL COVER OVER CULVERTS BE LESS THAN 1'. CULVERT LENGTHS ARE ESTIMATED ON THE PLANS BUT THERE MAY NEED TO BE SOME ADJUSTMENTS MADE TO THE LENGTHS OF THE CULVERTS DURING CONSTRUCTION.

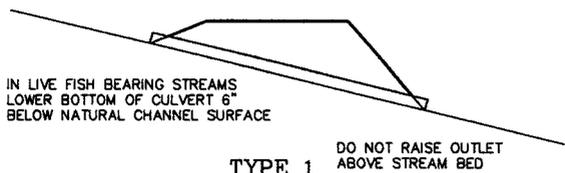
RIP-RAP WILL BE PLACED AT ALL CULVERT INLETS AND OUTLETS AND ALSO, WHERE SPECIFIED ON THE PLAN AND PROFILE SHEETS. RIP-RAP WILL BE SIZED DEPENDANT UPON PIPE DIAMETER AS SHOWN.

PIPE DIA. (Inches)	RIP-RAP SIZE
18-24	60% of stones shall be 8 Inch diameter or larger
30-60	60% of stones shall be 1 foot in diamter or larger

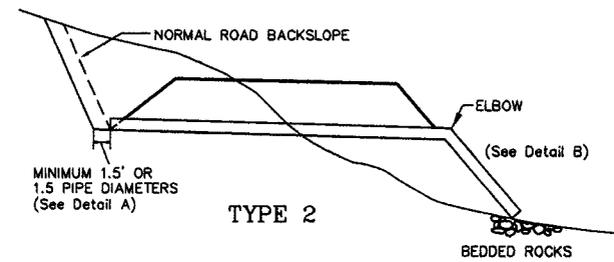
WHERE MULTIPLE CULVERTS ARE SPECIFIED ON THE PLANS, THERE SHALL BE NO LESS THAN THE FOLLOWING CLEARANCE BETWEEN THE CULVERTS.

PIPE DIA. (Inches)	CLEARANCE
UP TO 24	12 Inch
24 TO 72	1/2 PIPE DIA.
72 AND OVER	36 Inch

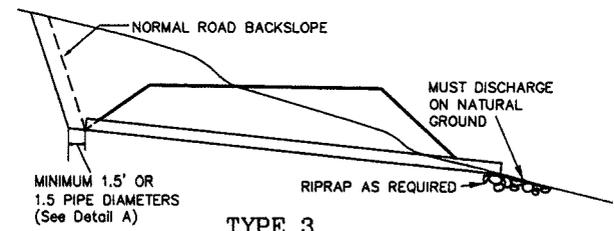
RIP RAP SHALL BE WELL GRADED WITH A SUFFICIENT AMOUNT OF SMALLER STONES UNIFORMLY DISTRIBUTED THROUGHOUT.



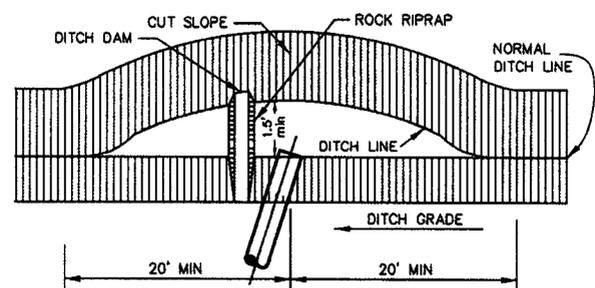
TYPE 1 DO NOT RAISE OUTLET ABOVE STREAM BED



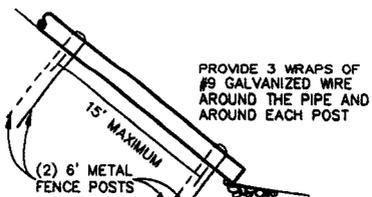
TYPE 2



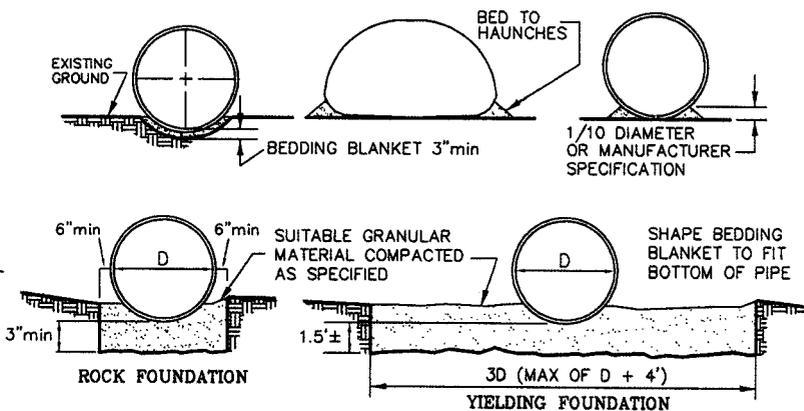
TYPE 3



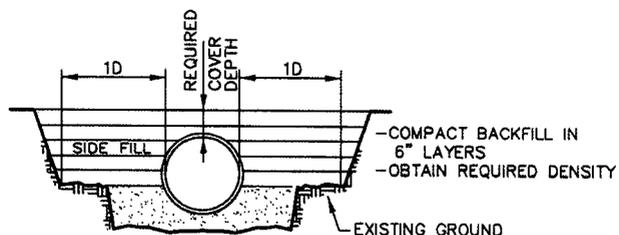
CATCH BASIN PLAN VIEW (TYPES 2 AND 3) (DITCH DAM ONLY TYPE 1) DETAIL A



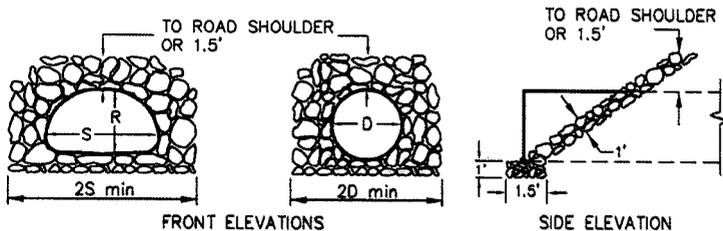
SPECIAL ANCHORING TYPE 2 DOWNDRAINS DETAIL B



BEDDING DETAILS



BACKFILL DETAIL



FRONT ELEVATIONS

SIDE ELEVATION

IN NARROW CHANNELS ADJUST RIPRAP TO FIT ORIGINAL STREAM BANKS.

RIP RAP DETAIL

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 06/30/2010

API NO. ASSIGNED: 43-009-30070

WELL NAME: TWO HORSE BUTTE 42-32
 OPERATOR: STEPHENS ENERGY COMPANY (N3450)
 CONTACT: VENESSA LANGMACHER

PHONE NUMBER: 303-296-2012

PROPOSED LOCATION:
 SENE 32 030N 240E
 SURFACE: 2411 FNL 1157 FEL
 BOTTOM: 1346 FNL 1446 FEL
 COUNTY: DAGGETT
 LATITUDE: 40.95434 LONGITUDE: -109.22548
 UTM SURF EASTINGS: 649351 NORTHINGS: 4534992
 FIELD NAME: UNDESIGNATED (2)

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

26 5
TAN
NWNE

LEASE TYPE: 1 - Federal
 LEASE NUMBER: UTU-85093
 SURFACE OWNER: 3 - State

PROPOSED FORMATION: MRSN
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

Plat

Bond: Fed[1] Ind[] Sta[] Fee[]
 (No. UTB-000316)

Potash (Y/N)

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

Water Permit
 (No. 2015)

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

Fee Surf Agreement (Y/N)

Intent to Commingle (Y/N)

LOCATION AND SITING:

_____ R649-2-3.

Unit: TWO HORSE BUTTE

_____ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

_____ R649-3-3. Exception

_____ Drilling Unit

Board Cause No: _____

Eff Date: _____

Siting: _____

R649-3-11. Directional Drill

COMMENTS: _____

STIPULATIONS: _____

1- Federal Approval
 2- Spacing UAP
 3- STATEMENT OF BASIS

Application for Permit to Drill

Statement of Basis

Utah Division of Oil, Gas and Mining

7/14/2010

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
2807	43-009-30070-00-00		GW	S	No
Operator	STEPHENS ENERGY COMPANY LLC		Surface Owner-APD		
Well Name	TWO HORSE BUTTE 42-32		Unit TWO HORSE BUTTE		
Field	UNDESIGNATED		Type of Work		
Location	SENE 32 3N 24E S 2411 FNL 1157 FEL GPS Coord (UTM) 649351E 4534992N				

Geologic Statement of Basis

This location is plotted on the south side of the bounding north flank thrust fault of the Uinta Mountains by about 300'. It is about 1.5 miles south of the Clay Basin gas storage field in Daggett County. The surficial geology is mapped as Middle Proterozoic to Upper Archean age Red Creek Quartzite metaquartzite at that location. The operator indicates that the well is to be spud into Upper Cretaceous Baxter Shale. I consider that it is uncertain what the nature and transmissivity of the soils is likely to be at that location. The well is likely to cross the thrust fault during drilling, most likely in the top part of the hole (this is a deviated hole). The well is likely to encounter high quality ground water in the upper subsurface strata. The mud program calls for a Low Solids Non-Dispersed/Anco-Phalt drilling fluid, which includes an asphalt-based mud shale stabilization additive. The MSDS does not indicate any carcinogenicity/toxicity issues for this additive. The proposed casing, cementing and mud program should provide adequate protection to quality ground water resources. No water rights have been filed on underground water resources within a mile of the proposed location.

Chris Kierst
APD Evaluator

12/3/2008
Date / Time

Surface Statement of Basis

The onsite surface inspection was conducted on 09/16/2008. See participnat list for a complete listing of all in attendance. The location is placed on a steep north facing slope but it appears the site is stable and is a good spot considering the intended bottomhole target. Several requests were made by various participants as follows: Jason West of the BLM requested that a locked gate be placed at the beginning of the access road, 1.6 miles away, to resict public access. Ben William of the Utah DWR requested two construction and drilling closures from March 1 to June 30 for Sage Grouse and from Dec 1 to April 30 for deer winter range. BLM wildlife biologist Amy Torres agreed with and also requested these wildlife related restrictions. Kurt Higgins of SITLA requested that production equipment and tanks on location be painted olive black to best blend into the environment. It was agreed between Richard Powell (DOGM) and Doug Wein (Stephens Energy) that a 16 mil liner and felt subliner would be used in the reserve pit. Drainage was also discussed and Doug Wein agreed to divert the drainage through the location area around to the west side of the location and to protect as much of the top soil as possible for future use in reclamation.

Richard Powell
Onsite Evaluator

9/16/2008
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.
Surface	The reserve pit shall be fenced upon completion of drilling operations.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator STEPHENS ENERGY COMPANY LLC
Well Name TWO HORSE BUTTE 42-32
API Number 43-009-30070-0 **APD No** 2807 **Field/Unit** UNDESIGNATED
Location: 1/4,1/4 SENE **Sec** 32 **Tw** 3N **Rng** 24E 2411 FNL 1157 FEL
GPS Coord (UTM) **Surface Owner**

Participants

Ben Williams and Pat Rainbolt (DWR), Jason West, Holly Villa, Amy Torres and Charles Patterson (BLM), John Warn and Douglas Wein (Stephens Energy Co.), Randy Smith (Permit Co), Kurt Higgins (SITLA), Shay Kendall and Bart Hunting (UELS)

Regional/Local Setting & Topography

The location is set on the steep north facing slope of Two Horse Butte which sits at the southern end of Clay Basin. To the south of the location the butte becomes very steep. To the north the location overlooks the southern end of Clay Basin. Clay Basin is a large valley approximately 20 miles east of Dutch John Utah.

Surface Use Plan

Current Surface Use

Deer Winter Range
Wildlife Habitat

New Road

Miles	Well Pad		Src Const Material	Surface Formation
4.6	Width 200	Length 400	Onsite	

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetland N

Flora / Fauna

Fauna: deer, elk, antelope, elk, black bear, coyote, mountain lion, bob cat, rabbits, raptors, sage grouse.

Flora: grasses, sage brush, pinyon-juniper.

Soil Type and Characteristics

Sandy clay soil, white gravel scattered on ground surface.

Erosion Issues N

There is a drainage running immediately west of the proposed well head.

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required Y

Drainage through the location must be diverted around east side of location.

Berm Required? N

Erosion Sedimentation Control Required? N

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

Reserve Pit

Site-Specific Factors		Site Ranking
Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	1320 to 5280	5
Distance to Other Wells (feet)	>1320	0
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)	10 to 20	5
Affected Populations	<10	0
Presence Nearby Utility Conduits	Not Present	0
Final Score		25 1 Sensitivity Level

Characteristics / Requirements

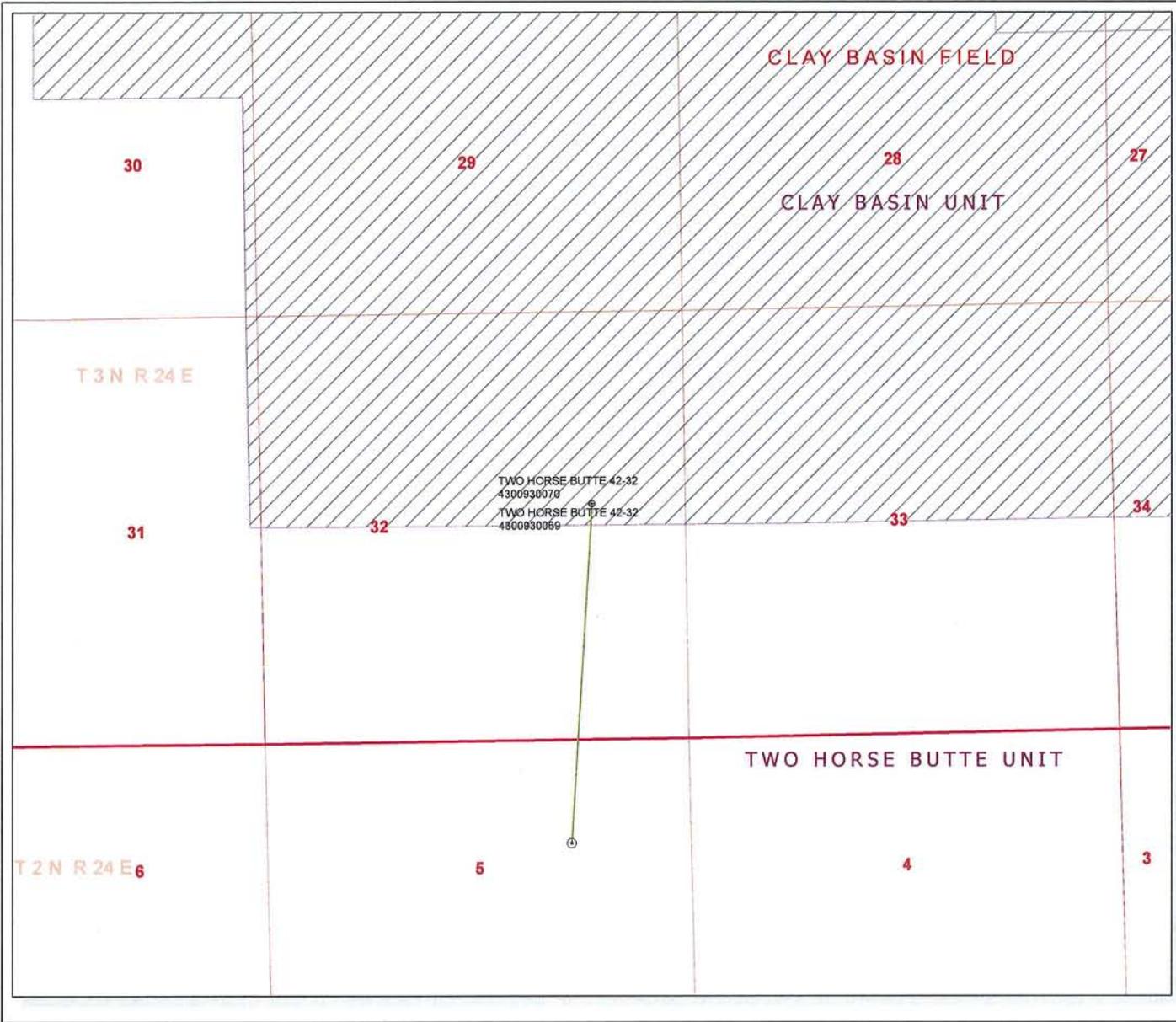
The reserve pit is to be 100' wide by 175' long by 10' deep. It must have a felt subliner and 16mil liner.

Closed Loop Mud Required N Liner Required? Y Liner Thickness 16 Pit Underlayment Required? Y

Other Observations / Comments

Richard Powell
Evaluator

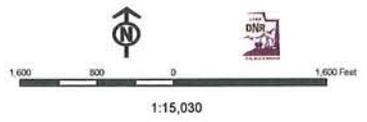
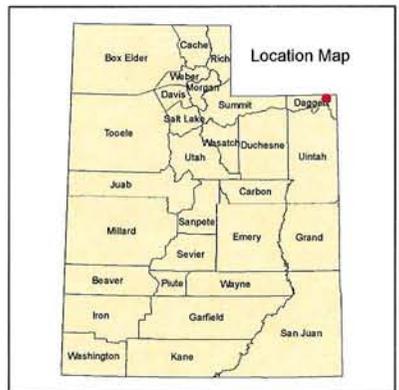
9/16/2008
Date / Time



API Number: 4300930070
Well Name: TWO HORSE BUTTE 42-32
 Township 03.0 N Range 24.0 E Section 32
 Meridian: SLBM
 Operator: STEPHENS ENERGY COMPANY LLC

Map Prepared:
 Map Produced by Diana Mason

- | | |
|---------------|-------------------------------------|
| Units | Wells Query |
| ACTIVE | ✗ -all other values- |
| EXPLORATORY | APD - Approved Permit |
| GAS STORAGE | ⊕ - Oil - Spud (Drilling Commenced) |
| NP PP OIL | ⊕ - GW - Gas Injection |
| NP SECONDARY | ⊕ - GS - Gas Storage |
| PI OIL | ⊕ - LA - Location Abandoned |
| PP GAS | ⊕ - LOC - New Location |
| PP GEOTHERMAL | ⊕ - OPS - Operation Suspended |
| PP OIL | ⊕ - PA - Plugged Abandoned |
| SECONDARY | ⊕ - PGW - Producing Gas Well |
| TERMINATED | ⊕ - POW - Producing Oil Well |
| Fields | ⊕ - RET - Retained APD |
| Sections | ⊕ - SGW - Shut-in Gas Well |
| Township | ⊕ - SGW - Shut-in Oil Well |
| | ⊕ - TA - Temp Abandoned |
| | ⊕ - TW - Test Well |
| | ⊕ - WW - Water Disposal |
| | ⊕ - WW - Water Injection Well |
| | ⊕ - WSW - Water Supply Well |





GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

July 14, 2010

Stephens Energy Company LLC
1825 Lawrence St., Suite 300
Denver, CO 80202

Subject: Two Horse Butte 42-32 Well, Surface Location 2411' FNL, 1157" FEL, SE NE,
Sec. 32, T. 3 North, R. 24 East, Bottom Location 1346' FNL, 1446' FEL, NW NE,
Sec. 5, T. 2 North, R. 24 East, Daggett County, Utah

Ladies and Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-009-30070.

Sincerely,

Brad Hill
Acting Associate Director

BH/js
Enclosures

cc: Daggett County Assessor
Bureau of Land Management, Vernal Office
SITLA



Operator: Stephens Energy Company LLC
Well Name & Number Two Horse Butte 42-32
API Number: 43-009-30070
Lease: UTU-85093

Surface Location: SE NE **Sec.** 32 **T.** 3 North **R.** 24 East
Bottom Location: NW NE **Sec.** 5 **T.** 2 North **R.** 24 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:

- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please let a voicemail message if not available)

OR

Submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <http://oilgas.ogm.utah.gov>

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

- Contact Dustin Doucet at (801) 538-5281 office
(801) 733-0983 after office hours

3. Reporting Requirements

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

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

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.
6. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)
7. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
OMB No. 1004-0137
Expires July 31, 2010

OCT 20 2008

APPLICATION FOR PERMIT TO DRILL OR REENTER **BLM**

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-85093 (Btm. Hole)
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Stephens Energy Company LLC		7. If Unit or CA Agreement, Name and No. Two Horse Butte
3. Name of Agent PermitCo Inc. - Agent		8. Lease Name and Well No. Two Horse Butte #42-32
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SE NE, 2411' FNL and 1157' FEL At proposed prod. zone NW NE, 1346' FNL and 1446' FEL Lot 2		9. API Well No. 43 009 30070
14. Distance in miles and direction from nearest town or post office* Approximately 22.1 miles east of Dutch John, UT		10. Field and Pool, or Exploratory Wildcat / Dakota & Frontier
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1346' (Btm. Hole)	16. No. of Acres in lease 1476.25	11. Sec., T., R., M., or Blk, and Survey or Area Section 32, T3N - R24E (Surface) Section 5, T2N - R24E (Btm. Hole)
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. None	19. Proposed Depth 6,100' TVD 7,681' MD	12. County or Parish Daggett
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6614' GL	22. Approximate date work will start* November 1, 2008	13. State UT
17. Spacing Unit dedicated to this well N/A		
20. BLM/BIA Bond No. on file UTB-000316		
23. Estimated duration 24 Days		

24. Attachments

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

- | | |
|--|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification. |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM. |

CONFIDENTIAL-TIGHT HOLE

25. Signature 	Name (Printed/Typed) Venessa Langmacher	Date 10/17/2008
Title Regulatory Supervisor / Agent for Stephens Energy Company LLC		
Approved by (Signature) 	Name (Printed/Typed) James H. Sparger	Date JAN 26 2011
Title Acting Assistant Field Manager Lands & Mineral Resources		
Office VERNAL FIELD OFFICE		

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

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

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

*(Instructions on reverse)

NOS 8-14-08
AFMSS# 08PP1125A
UDOGM

RECEIVED
FEB 01 2011
DIV. OF OIL, GAS & MINING

NOTICE OF APPROVAL



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Stephens Energy Company LLC
Well No: Two Horse Butte 42-32
API No: 43-009-30070

Location: SENE, Sec. 32, T3N, R24E
Lease No: UTU-85093
Agreement: Two Horse Butte Unit

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	- Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	- Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	- Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to running casing and cementing all casing strings to: ut_vn_opreport@blm.gov .
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	- Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

**SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.
- During operations, if any vertebrate paleontological resources are discovered, all operations affecting such sites shall be immediately suspended, and all discoveries shall be left intact until authorized to proceed by the Authorized Officer. The appropriate Authorized Officer of the Vernal BLM office shall be notified within 48 hrs of the discovery, and a decision as to the preferred alternative/course of action will be rendered.
- As in the APD, the operator has committed to not construct or drill from March 1st to June 30th to protect sage grouse while they are nesting. This condition of approval does not apply to operation and maintenance of production facilities. Waivers, exceptions, or modifications to this limitation may be specifically approved in writing by the authorized officer of the BLM if either the resource values change or the lessee/operator demonstrates that adverse impacts can be mitigated.
- As in the APD, the operator has committed to not construct or drill from December 1st to April 30th to protect deer and elk in their crucial winter range. Waivers, exceptions, or modifications to this limitation may be specifically approved in writing by the authorized officer of the BLM if either the resource values change or the lessee/operator demonstrates that adverse impacts can be mitigated.
- Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of the Operator, will be the responsibility of the Operator to control. On BLM administered land, a Pesticide Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or other possibly hazardous chemicals.
- As discussed on the onsite the operator will keep the gate closed.
- Stephens Energy will coordinate with Wyoming Interstate Company (WIC) during road construction/upgrade in regards to possible impacts to the Kanda ROW.
- A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.

- Drainages adjacent to the proposed pad shall be diverted around the location.
- The reserve pit shall be fenced upon completion of drilling operations.
- The well site shall be bermed to prevent fluids from leaving the pad.

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

- A formation integrity test shall be performed at the surface casing and intermediate casing shoes.
- Prior to completing the well and placing it on production an application for off Unit measurement and storage shall be **approved** by this office.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB

or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location ($\frac{1}{4}$ $\frac{1}{4}$, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4.

Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

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 <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-85093 (Btm. Hole)	
2. NAME OF OPERATOR: Stephens Energy Company LLC		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Surface - SITLA	
3. ADDRESS OF OPERATOR: 1825 Lawrence St., Ste. 300 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: Two Horse Butte Unit	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2411' FNL & 1157' FEL SENE 32 T3N-R24E, SLM AT PROPOSED PRODUCING ZONE: 1346' FNL & 1446' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 5 T2N-R24E, SLM		8. WELL NAME and NUMBER: Two Horse Butte #42-32	
PHONE NUMBER: (303) 296-2012		9. API NUMBER: 4300930070	
		10. FIELD AND POOL, OR WILDCAT: Undesignated / Dakota & Frontier	
		COUNTY: Daggett	
		STATE: UTAH	

CONFIDENTIAL

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"/> 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 type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Extension of Permit</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>for an additional year</u>

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

Existing permit approved on July 10, 2010 and expires on July 10, 2011. This State of Utah Permit is in conjunction with the Bureau of Land Management Permit that contains as a condition of approval "There will be no drilling from March 1st through June 30th for Sage Grouse and no drilling from December 1st through April 1st for Crucial Deer and Elk." An extension of this permit for an additional year will allow Stephens Energy Company LLC sufficient time to drill the well in year 2011.

Approved by the
Utah Division of
Oil, Gas and Mining

COPY SENT TO OPERATOR

Date: 4.6.2011
Initials: KS

Date: 04-04-11
By: [Signature]

NAME (PLEASE PRINT) <u>Stephens Energy Company LLC</u>	TITLE <u>Douglas E. Wein, Land Manager</u>
SIGNATURE <u>[Signature]</u>	DATE <u>3/22/2011</u>

(This space for State use only)

RECEIVED
MAR 24 2011

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-009-30070
Well Name: Two Horse Butte #42-32
Location: T3N-R24E, Sec. 32: SENE - 2411' FNL & 1157' FEL
Company Permit Issued to: Stephens Energy Company LLC
Date Original Permit Issued: 7/14/2010

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

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

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

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

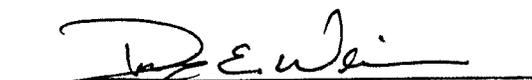
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No

Two Horse Butte (Federal) Unit
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes No

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

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

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


Signature

3/30/2011
Date

Title: Douglas E. Wein, Land Manager

Representing: Stephens Energy Company LLC

RECEIVED
APR 04 2011
DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-85093
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Gas Well		7. UNIT or CA AGREEMENT NAME: TWO HORSE BUTTE
2. NAME OF OPERATOR: STEPHENS ENERGY COMPANY LLC		8. WELL NAME and NUMBER: TWO HORSE BUTTE 42-32
3. ADDRESS OF OPERATOR: 1825 Lawrence Street Ste300 , Denver, CO, 80202		9. API NUMBER: 43009300700000
PHONE NUMBER: 303 296-2012 Ext		9. FIELD and POOL or WILDCAT: UNDESIGNATED
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2411 FNL 1157 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 32 Township: 03.0N Range: 24.0E Meridian: S		COUNTY: DAGGETT
		STATE: UTAH

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

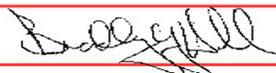
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 7/14/2011	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input type="text"/>

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

Existing permit expires July 14, 2012 after having been extended for one year from July 14, 2011. This State of Utah Permit is in conjunction with the BLM's Permit that contains as a condition of approval "There will be no drilling from March 1st through June 30th for Sage Grouse and no drilling from December 1st through April 1st for Crucial Deer and Elk." An extension of this permit to July 14, 2013 (for an additional year) will allow Stephens Energy Company LLC sufficient time to drill the well.

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

Date: April 02, 2012

By: 

NAME (PLEASE PRINT) Douglas E. Wein	PHONE NUMBER 3032962012	TITLE Land Manager/Secretary
SIGNATURE N/A	DATE 3/27/2012	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43009300700000

API: 43009300700000

Well Name: TWO HORSE BUTTE 42-32

Location: 2411 FNL 1157 FEL QTR SENE SEC 32 TWNP 030N RNG 240E MER S

Company Permit Issued to: STEPHENS ENERGY COMPANY LLC

Date Original Permit Issued: 7/14/2010

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? Yes No
- Has the approved source of water for drilling changed? Yes No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes No
- Is bonding still in place, which covers this proposed well? Yes No

Signature: Douglas E. Wein

Date: 3/27/2012

Title: Land Manager/Secretary Representing: STEPHENS ENERGY COMPANY LLC

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

ROUTING
 CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

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

6/29/2012

FROM: (Old Operator): N3450- Stephens Energy Company, LLC 1825 Lawrence Street, Suite 300 Denver, CO 80202 Phone: 1 (303) 296-2012	TO: (New Operator): N3910- Savant Resources, LLC 633 17th Street, Number 2170 Denver, CO 80202 Phone: 1 (303) 592-1905
---	--

CA No.			Unit:	Two Horse Butte				
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
Two Horse Butte 42-32	32	03N	24E	4300930070		Federal	GW	APD

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 9/24/2012
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/24/2012
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 10/12/2012
- a. Is the new operator registered in the State of Utah: _____ Business Number: 2034853-0161
- 5a. (R649-9-2)Waste Management Plan has been received on: Not Yet
- 5b. Inspections of LA PA state/fee well sites complete on: N/A
- 5c. Reports current for Production/Disposition & Sundries on: 10/12/2012
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM Not Yet BIA N/A
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: Not Yet
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 10/12/2012
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 10/12/2012
- Bond information entered in RBDMS on: 10/12/2012
- Fee/State wells attached to bond in RBDMS on: N/A
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: 9/24/2012

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: UTB000510
- Indian well(s) covered by Bond Number: N/A
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number N/A
- b. The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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: UTU-85093 (Btm Hole)
2. NAME OF OPERATOR: Savant Resources LLC <u>N3910</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Surface - SITLA
3. ADDRESS OF OPERATOR: 633 Seventeenth St #2170 CITY Denver STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME: Two Horse Butte Unit
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2411'FNL & 1157'FEL, SENE 32-T3N-R24E SLM		8. WELL NAME and NUMBER: Two Horse Butte 42-32
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 5 T2N R24 E		9. API NUMBER: 4300930070
COUNTY: Daggett		10. FIELD AND POOL, OR WILDCAT: Undesignated/Dakota & Frontier
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 type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

This Sundry Notice is submitted to notify a Change of Operator. Effective June 29, 2012, Savant Resources LLC acquired the interest of Stephens Energy Company LLC in the referenced well and took over operations. Savant Resources LLC is responsible under the terms and conditions of the lease for operations conducted on the leased lands or a portion thereof under the following SITLA bond - Bond # SITLA 1589-01

BLM Bond # UTBC00510

Former Operator: Stephens Energy Company LLC
1825 Lawrence Street, Suite 300
Denver, CO 80202

N3450

RECEIVED
SEP 24 2012

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Douglas E. Wein

TITLE Land Manager

SIGNATURE _____

DATE June 29, 2012

NAME (PLEASE PRINT) _____

TITLE _____

SIGNATURE _____

DATE _____

Patterson Shaw, Manager
Savant Resources LLC, by
Shaw Resources Management, it's Manager

(This space for State use)

X102

APPROVED

OCT 12 2012

DIV. OIL GAS & MINING

BY: Rachel Medene

RECEIVED

SEP 24 2012

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

DIV. OF OIL, GAS & MINING

Request to Transfer Application or Permit to Drill

(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well name:	Two Horse Butte 42-32
API number:	4300930070
Location:	Qtr-Qtr: NWNE Section: 5 Township: 2N Range: 24E
Company that filed original application:	Stephens Energy Company LLC
Date original permit was issued:	07/14/2010
Company that permit was issued to:	Stephens Energy Company LLC

Check one	Desired Action:
<input type="checkbox"/>	Transfer pending (unapproved) Application for Permit to Drill to new operator
<input type="checkbox"/>	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
<input checked="" type="checkbox"/>	Transfer approved Application for Permit to Drill to new operator
<input type="checkbox"/>	The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.	Yes	No
If located on private land, has the ownership changed?		<input checked="" type="checkbox"/>
If so, has the surface agreement been updated?		<input type="checkbox"/>
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?		<input checked="" type="checkbox"/>
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?		<input checked="" type="checkbox"/>
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?		<input checked="" type="checkbox"/>
Has the approved source of water for drilling changed?		<input checked="" type="checkbox"/>
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?		<input checked="" type="checkbox"/>
Is bonding still in place, which covers this proposed well? Bond No. <u>SULA 1589-01</u>		<input type="checkbox"/>

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) Patterson Shaw Title Manager of Shaw Resources Management as Manager of Savant Resources LLC
 Signature  Date 09/18/2012
 Representing (company name) Savant Resources LLC, by Shaw Resources Management LLC, its Manager

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-85093
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: _____
1. TYPE OF WELL Gas Well		7. UNIT or CA AGREEMENT NAME: TWO HORSE BUTTE
2. NAME OF OPERATOR: SAVANT RESOURCES, LLC		8. WELL NAME and NUMBER: TWO HORSE BUTTE 42-32
3. ADDRESS OF OPERATOR: 633 Seventeenth Street, Suite 2170 , Denver, CO, 80202		9. API NUMBER: 43009300700000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2411 FNL 1157 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 32 Township: 03.0N Range: 24.0E Meridian: S		9. FIELD and POOL or WILDCAT: UNDESIGNATED
		COUNTY: DAGGETT
		STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/15/2013	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

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

Savant Resources, LLC requests an extension of the APD for an additional year until July 14, 2014. An extension of the BLM APD has been delayed, pending additional NEPA and Sage Grouse requirements. Savant anticipates spudding the well in August, 2013 if BLM approval can be obtained by that date. If you have any questions, please contact me at 303-897-9999.

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

Date: July 01, 2013

By:

NAME (PLEASE PRINT) Lisa Smith	PHONE NUMBER 303 857-9999	TITLE Agent for Savant Resources LLC
SIGNATURE N/A	DATE 6/26/2013	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43009300700000

API: 43009300700000

Well Name: TWO HORSE BUTTE 42-32

Location: 2411 FNL 1157 FEL QTR SENE SEC 32 TWNP 030N RNG 240E MER S

Company Permit Issued to: SAVANT RESOURCES, LLC

Date Original Permit Issued: 7/14/2010

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

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

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

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

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

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

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

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

Signature: Lisa Smith

Date: 6/26/2013

Title: Agent for Savant Resources LLC Representing: SAVANT RESOURCES, LLC

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JAN 08 2013

FORM APPROVED
OMB No. 1004-0135
Expires: January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS

BLM

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

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator **Savant Resources LLC**

3a. Address
633-17th Street, Suite 2170 Denver, CO 80202

3b. Phone No. (include area code)
303-592-1905

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**SE NE, 2411' FNL and 1157' FEL Sec. 32, T3N-R24E (Surface)
 NW NE, 1346' FNL and 1446' FEL Sec. 5, T2N - R24E (Bottom Hole)**

5. Lease Serial No.
UTU-85093

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
Two Horse Butte #42-32

9. API Well No.
43-009-30070

10. Field and Pool, or Exploratory Area
Wildcat/Dakota & Frontier

11. County or Parish, State
Daggett County, Utah

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

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

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

Savant Resources LLC requests that this APD be extended an additional two years, until January 25, 2015.

Savant Resources LLC has been designated as the Unit Operator by Stephens Energy Company LLC effective June 29, 2012 and will take over operations of this well.

VERNAL FIELD OFFICE
 ENG. _____
 GEOL. _____
 E.S. KS 7/16/13
 PET. _____
 RECL. _____

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

Peggy Napper

Title **Executive Assistant and Office Manager**

Signature

Peggy Napper

Date

12/20/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

[Signature]

Assistant Field Manager

Title Lands & Mineral Resources

JUL 16 2013

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

Office **VERNAL FIELD OFFICE**

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

RECEIVED

(Instructions on page 2)

UDOGM

JUL 25 2013

DIV. OF OIL, GAS & MINING

13BJS1824S

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this

form and the number of copies to be submitted, particularly with regard to local area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13 - Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or

present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well and date well site conditioned for final inspection looking to approval of the abandonment.

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

This information is being collected to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT

Public reporting burden for this form is estimated to average 25 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0135), Bureau Information Collection Clearance Officer, (WO-630), Mail Stop 401 LS, 1849 C St., N.W., Washington D.C. 20240

ATTACHMENT 1 – STIPULATIONS / CONDITIONS OF APPROVAL

Company/Operator: Savant Resources LLC
Well Name & Number: Two Horse Butte 42-32
Lease Number: UTU-0141128, UTSL-0045053B, UTSL-0045053A
Onsite Date: 5/20/2013
Location: Township 3 North, Range 24 East, Section 20, 29, and 32

CONDITIONS OF APPROVAL:

Air Quality:

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horse power must not emit more than 2 grams of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower-hour.
- All new and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gram of NO_x per horsepower-hour.

Colorado River Fish:

- The best method to avoid fish entrainment is to pump from an off-channel location - one that does not connect to the river during high spring flows .
- An infiltration gallery constructed in a BLM and Service approved location is best.
- If the pump head is located in the river channel where larval fish are known to occur, the following measures apply:
 - Do not situate the pump in a low-flow or no-flow area as these habitats tend to concentrate larval fishes;
 - Limit the amount of pumping, to the greatest extent possible, during that period of the year when larval fish may be present (April 1 to August 31); and
 - Limit the amount of pumping, to the greatest extent possible, during the pre-dawn hours as larval drift studies indicate that this is a period of greatest daily activity.
 - Screen all pump intakes with 3/32" mesh material.
- Report any fish impinged on the intake screen to the Service (801.975.3330) and the Utah Division of Wildlife Resources:

Northeastern Region
152 East 100 North, Vernal, UT 84078
Phone: 435-781-9453

Deer and Elk:

- The operator has committed to not construct or drill from December 1st to April 30th to protect crucial deer and elk winter range.

Soils:

- The operator has committed to contribute \$2,500 to the removal of Pinyon-Juniper encroachment in sagebrush habitat within the Red Creek ACEC.

Weeds:

- Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of the Operator, will be the responsibility of the Operator to control. On BLM administered land, a Pesticide Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or other possibly hazardous chemicals.
- All vehicles and equipment shall be cleaned either through power-washing, or other approved method, if the vehicles or equipment were brought in from areas outside the Uinta Basin, to prevent weed seed introduction.

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

ROUTING
 CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

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

7/1/2013

FROM: (Old Operator): N3910- Savant Resources LLC 633 17th Street, Suite 2170 Denver, CO 80202 Phone: 1 (303)-592-1905	TO: (New Operator): N4030- Wesco Operating Inc 120 S Durbin St PO Box 1706 Casper, WY 82602 Phone: 1 (307)-265-1791
---	--

CA No. Unit: **Two Horse Butte**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
TWO HORSE BUTTE 42-32	32	030N	240E	4300930070		Federal	Gas Well	APD

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 7/25/2013
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 7/25/2013
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 7/31/2013
- 4a. Is the new operator registered in the State of Utah: Y Business Number: 8742016-0143
- 5a. (R649-9-2)Waste Management Plan has been received on: Not Yet
- 5b. Inspections of LA PA state/fee well sites complete on: N/A
- 5c. Reports current for Production/Disposition & Sundries on: 7/30/2013
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM Not Yet BIA N/A
- Federal and Indian Units:**
 The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
- Federal and Indian Communization Agreements ("CA"):**
 The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 7/31/2013
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 7/31/2013
- Bond information entered in RBDMS on: N/A
- Fee/State wells attached to bond in RBDMS on: N/A
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: 7/25/2013

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: UTB000582
- Indian well(s) covered by Bond Number: N/A
- 3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number N/A
- 3b. The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

WESCO OPERATING, INC.

O I L & G A S O P E R A T I O N S

July 22, 2013,

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
1594 W. North Temple #1210
Salt Lake City, UT 84116

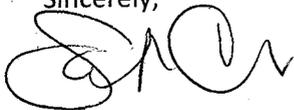
RECEIVED
JUL 25 2013
DIV. OF OIL, GAS & MINING

Re: Sundry Notice
Two Horse Butte 43-32

Please find enclosed three (3) copies of Sundry notice to notify a Change of Operator. Effective July 1, 2013, Wesco Operating, Inc. assumed the position of Operator in the referenced well and took over operations from Savant Resources, LLC. Wesco Operating, Inc. is responsible under the terms and conditions of the lease for operations conducted on the leased lands or a portion thereof, and our SITLA bond has been submitted for approval. To date, the bond is still pending with SITLA, but these Sundrys are being submitted in anticipation of approval of the bonds.

If there are any questions or concerns, please advise. 307-577-5323

Sincerely,



Sarah Cline
Landman

Enclosures

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-85093 (Btm Hole)
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: Surface - SITLA
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: Two Horse Butte Unit
2. NAME OF OPERATOR: Wesco Operating, Inc.		8. WELL NAME and NUMBER: Two Horse Butte 42-32
3. ADDRESS OF OPERATOR: 120 S. Durbin Street CITY Casper STATE WY ZIP 82602		9. API NUMBER: 4900930070
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2411'FNL&1157'FEL, SENE 32-3N-24E, BHL:1346'FNL&1446'FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 5 2N 24E 5		10. FIELD AND POOL, OR WILDCAT: Undesignated/Dakota & Frontier
		COUNTY: Daggett STATE: UTAH

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

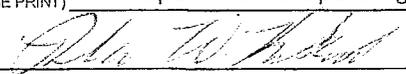
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

This Sundry Notice is submitted to notify a Change of Operator. Effective July 1, 2013, Wesco Operating, Inc. assumed the position of Operator in the referenced well and took over operations from Savant Resources LLC. Wesco Operating, Inc. is responsible under the terms and conditions of the lease for operations conducted on the leased lands or a portion thereof under the following SITLA bond - Bond # _____

Former Operator: Savant Resources LLC
633 17th Street, Suite 2170
Denver, CO 80202
303 592-1905

Former Operator - Savant Resources LLC, by Shaw Resources Management LLC, its Manager

By:  TJS
Patterson Shaw, Manager

NAME (PLEASE PRINT) <u>New Oper: Wesco Operating, Inc.,</u>	TITLE <u>By: Robert W. Kirkwood, Managing-Member</u>
SIGNATURE 	DATE <u>7/1/2013</u>

(This space for State use only)

APPROVED

JUL 31 2013

DIV. OIL GAS & MINING
BY: 

RECEIVED

JUL 25 2013

DIV. OF OIL, GAS & MINING

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

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

Request to Transfer Application or Permit to Drill

(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well name:	Two Horse Butte 42-32
API number:	4300930070
Location:	Qtr-Qtr: NWNE Section: 5 Township: 2N Range: 24E
Company that filed original application:	Stephens Energy Company LLC; Stephens transferred APD to Savant Resources LLC
Date original permit was issued:	07/14/2010
Company that permit was issued to:	Stephens Energy Company LLC

Check one	Desired Action:
<input type="checkbox"/>	Transfer pending (unapproved) Application for Permit to Drill to new operator
	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
<input checked="" type="checkbox"/>	Transfer approved Application for Permit to Drill to new operator
	The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.	Yes	No
If located on private land, has the ownership changed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If so, has the surface agreement been updated?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Has the approved source of water for drilling changed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is bonding still in place, which covers this proposed well? Bond No. _____	<input type="checkbox"/>	<input type="checkbox"/>

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) Robert W. Kirkwood Title Managing-Member *President*
 Signature *Robert W. Kirkwood* Date 07/01/2013
 Representing (company name) Wesco Operating, Inc.

RECEIVED
JUL 25 2013

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

DIVISION OF OIL, GAS AND MINING**SPUDDING INFORMATION**Name of Company; WESCO OPERATING, INCWell Name: TWO HORSE BUTTE 42-32Api No: 43-009-30070 Lease Type FED - STATE SURFSection 32 Township 03N Range 24E County DAGGETTDrilling Contractor PETE MARTIN DRLG RIG # **SPUDDED:**Date 08/09/2013Time NOONHow DRY**Drilling will Commence:** Reported by RAY DICKEYTelephone # (307) 679-8820Date 08/09/2013 Signed CHD

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

ROUTING
 CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

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

7/1/2013

FROM: (Old Operator): N3910- Savant Resources LLC 633 17th Street, Suite 2170 Denver, CO 80202 Phone: 1 (303)-592-1905	TO: (New Operator): N4030- Wesco Operating Inc 120 S Durbin St PO Box 1706 Casper, WY 82602 Phone: 1 (307)-265-1791
---	--

CA No. Unit: **Two Horse Butte**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
TWO HORSE BUTTE 42-32	32	030N	240E	4300930070		Federal	Gas Well	APD

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 7/25/2013
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 7/25/2013
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 7/31/2013
- 4a. Is the new operator registered in the State of Utah: Y Business Number: 8742016-0143
- 5a. (R649-9-2)Waste Management Plan has been received on: Not Yet
- 5b. Inspections of LA PA state/fee well sites complete on: N/A
- 5c. Reports current for Production/Disposition & Sundries on: 7/30/2013
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM Not Yet BIA N/A
- Federal and Indian Units:**
 The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
- Federal and Indian Communization Agreements ("CA"):**
 The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 7/31/2013
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 7/31/2013
- Bond information entered in RBDMS on: N/A
- Fee/State wells attached to bond in RBDMS on: N/A
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: 7/25/2013

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: UTB000582
- Indian well(s) covered by Bond Number: N/A
- 3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number N/A
- 3b. The **FORMER** operator has requested a release of liability from their bond on: N/A

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

WESCO OPERATING, INC.

O I L & G A S O P E R A T I O N S

July 22, 2013,

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
1594 W. North Temple #1210
Salt Lake City, UT 84116

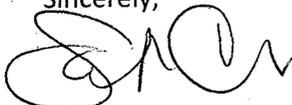
RECEIVED
JUL 25 2013
DIV. OF OIL, GAS & MINING

Re: Sundry Notice
Two Horse Butte 43-32

Please find enclosed three (3) copies of Sundry notice to notify a Change of Operator. Effective July 1, 2013, Wesco Operating, Inc. assumed the position of Operator in the referenced well and took over operations from Savant Resources, LLC. Wesco Operating, Inc. is responsible under the terms and conditions of the lease for operations conducted on the leased lands or a portion thereof, and our SITLA bond has been submitted for approval. To date, the bond is still pending with SITLA, but these Sundrys are being submitted in anticipation of approval of the bonds.

If there are any questions or concerns, please advise. 307-577-5323

Sincerely,



Sarah Cline
Landman

Enclosures

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-85093 (Btm Hole)
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: Surface - SITLA
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME: Two Horse Butte Unit
2. NAME OF OPERATOR: Wesco Operating, Inc.		8. WELL NAME and NUMBER: Two Horse Butte 42-32
3. ADDRESS OF OPERATOR: 120 S. Durbin Street CITY Casper STATE WY ZIP 82602		9. API NUMBER: 4900930070
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2411'FNL&1157'FEL, SENE 32-3N-24E, BHL:1346'FNL&1446'FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWNE 5 2N 24E 5		10. FIELD AND POOL, OR WILDCAT: Undesignated/Dakota & Frontier
		COUNTY: Daggett STATE: UTAH

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

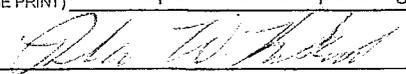
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

This Sundry Notice is submitted to notify a Change of Operator. Effective July 1, 2013, Wesco Operating, Inc. assumed the position of Operator in the referenced well and took over operations from Savant Resources LLC. Wesco Operating, Inc. is responsible under the terms and conditions of the lease for operations conducted on the leased lands or a portion thereof under the following SITLA bond - Bond # _____

Former Operator: Savant Resources LLC
633 17th Street, Suite 2170
Denver, CO 80202
303 592-1905

Former Operator - Savant Resources LLC, by Shaw Resources Management LLC, its Manager

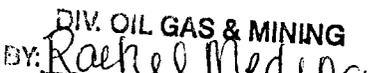
By:  TJS
Patterson Shaw, Manager

NAME (PLEASE PRINT) <u>New Oper: Wesco Operating, Inc.,</u>	TITLE <u>By: Robert W. Kirkwood, Managing-Member</u>
SIGNATURE 	DATE <u>7/1/2013</u>

(This space for State use only)

APPROVED

JUL 31 2013

DIV. OIL GAS & MINING
BY: 

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JUL 25 2013

DIV. OF OIL, GAS & MINING

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

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

Request to Transfer Application or Permit to Drill

(This form should accompany a Sundry Notice, Form 9, requesting APD transfer)

Well name:	Two Horse Butte 42-32
API number:	4300930070
Location:	Qtr-Qtr: NWNE Section: 5 Township: 2N Range: 24E
Company that filed original application:	Stephens Energy Company LLC; Stephens transferred APD to Savant Resources LLC
Date original permit was issued:	07/14/2010
Company that permit was issued to:	Stephens Energy Company LLC

Check one	Desired Action:
<input type="checkbox"/>	Transfer pending (unapproved) Application for Permit to Drill to new operator
	The undersigned as owner with legal rights to drill on the property, hereby verifies that the information as submitted in the pending Application for Permit to Drill, remains valid and does not require revision. The new owner of the application accepts and agrees to the information and procedures as stated in the application.
<input checked="" type="checkbox"/>	Transfer approved Application for Permit to Drill to new operator
	The undersigned as owner with legal rights to drill on the property as permitted, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.	Yes	No
If located on private land, has the ownership changed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If so, has the surface agreement been updated?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any changes to the access route including ownership or right-of-way, which could affect the proposed location?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Has the approved source of water for drilling changed?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is bonding still in place, which covers this proposed well? Bond No. _____	<input type="checkbox"/>	<input type="checkbox"/>

Any desired or necessary changes to either a pending or approved Application for Permit to Drill that is being transferred, should be filed on a Sundry Notice, Form 9, or amended Application for Permit to Drill, Form 3, as appropriate, with necessary supporting information as required.

Name (please print) Robert W. Kirkwood Title Managing-Member *President*
 Signature *Robert W. Kirkwood* Date 07/01/2013
 Representing (company name) Wesco Operating, Inc.

RECEIVED
JUL 25 2013

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

DIVISION OF OIL, GAS AND MINING**SPUDDING INFORMATION**Name of Company; WESCO OPERATING, INCWell Name: TWO HORSE BUTTE 42-32Api No: 43-009-30070 Lease Type FED - STATE SURFSection 32 Township 03N Range 24E County DAGGETTDrilling Contractor PETE MARTIN DRLG RIG # **SPUDDED:**Date 08/09/2013Time NOONHow DRY**Drilling will Commence:** Reported by RAY DICKEYTelephone # (307) 679-8820Date 08/09/2013 Signed CHD

RECEIVED

JAN 08 2013

FORM APPROVED
OMB No. 1004-0135
Expires: January 31, 2004

SUNDRY NOTICES AND REPORTS ON WELLS

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

BLM

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator **Savant Resources LLC**

3a. Address **633-17th Street, Suite 2170 Denver, CO 80202**
 3b. Phone No. (include area code) **303-592-1905**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SE NE, 2411' FNL and 1157' FEL Sec. 32, T3N-R24E (Surface)
NW NE, 1346' FNL and 1446' FEL Sec. 5, T2N - R24E (Bottom Hole)

5. Lease Serial No.
UTU-85093

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
Two Horse Butte #42-32

9. API Well No.
43-009-30070

10. Field and Pool, or Exploratory Area
Wildcat/Dakota & Frontier

11. County or Parish, State
Daggett County, Utah

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

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

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

Savant Resources LLC requests that this APD be extended an additional two years, until January 25, 2015.

Savant Resources LLC has been designated as the Unit Operator by Stephens Energy Company LLC effective June 29, 2012 and will take over operations of this well.

RECEIVED
AUG 21 2013

DIV. OF OIL, GAS & MINING

VERNAL FIELD OFFICE

ENG. _____

GEOL. _____

E.S. *KS. 7/16/13*

PET. _____

RECL. _____

UDOGM

14. I hereby certify that the foregoing is true and correct
 Name (Printed/Typed) **Peggy Napper** Title **Executive Assistant and Office Manager**

Signature *Peggy Napper* Date **12/20/2012**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by *[Signature]* Assistant Field Manager **JUL 16 2013**
 Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
 Title Lands & Mineral Resources
 Office **VERNAL FIELD OFFICE**

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

(Instructions on page 2)

13BJS1824S

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this

form and the number of copies to be submitted, particularly with regard to local area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13 - Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or

present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well and date well site conditioned for final inspection looking to approval of the abandonment.

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

This information is being collected to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT

Public reporting burden for this form is estimated to average 25 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0135), Bureau Information Collection Clearance Officer, (WO-630), Mail Stop 401 LS, 1849 C St., N.W., Washington D.C. 20240

ATTACHMENT 1 – STIPULATIONS / CONDITIONS OF APPROVAL

Company/Operator: Savant Resources LLC
Well Name & Number: Two Horse Butte 42-32
Lease Number: UTU-0141128, UTSL-0045053B, UTSL-0045053A
Onsite Date: 5/20/2013
Location: Township 3 North, Range 24 East, Section 20, 29, and 32

CONDITIONS OF APPROVAL:

Air Quality:

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 grams of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower-hour.
- All new and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gram of NO_x per horsepower-hour.

Colorado River Fish:

- The best method to avoid fish entrainment is to pump from an off-channel location - one that does not connect to the river during high spring flows .
- An infiltration gallery constructed in a BLM and Service approved location is best.
- If the pump head is located in the river channel where larval fish are known to occur, the following measures apply:
 - Do not situate the pump in a low-flow or no-flow area as these habitats tend to concentrate larval fishes;
 - Limit the amount of pumping, to the greatest extent possible, during that period of the year when larval fish may be present (April 1 to August 31); and
 - Limit the amount of pumping, to the greatest extent possible, during the pre-dawn hours as larval drift studies indicate that this is a period of greatest daily activity.
 - Screen all pump intakes with 3/32" mesh material.
- Report any fish impinged on the intake screen to the Service (801.975.3330) and the Utah Division of Wildlife Resources:

Northeastern Region
152 East 100 North, Vernal, UT 84078
Phone: 435-781-9453

Deer and Elk:

- The operator has committed to not construct or drill from December 1st to April 30th to protect crucial deer and elk winter range.

Soils:

- The operator has committed to contribute \$2,500 to the removal of Pinyon-Juniper encroachment in sagebrush habitat within the Red Creek ACEC.

Weeds:

- Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of the Operator, will be the responsibility of the Operator to control. On BLM administered land, a Pesticide Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or other possibly hazardous chemicals.
- All vehicles and equipment shall be cleaned either through power-washing, or other approved method, if the vehicles or equipment were brought in from areas outside the Uinta Basin, to prevent weed seed introduction.

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-85093
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <u>Dry</u>		8. WELL NAME and NUMBER: Two Horse Butte 42-32
2. NAME OF OPERATOR: Wesco Operating, LLC		9. API NUMBER: 43-00-0070 43-009-30070
3. ADDRESS OF OPERATOR: PO Box 1650 CITY <u>Casper</u> STATE <u>WY</u> ZIP <u>82602</u>		10. FIELD AND POOL, OR WILDCAT: Wildcat
PHONE NUMBER: (307) 577-5336		
4. LOCATION OF WELL		
FOOTAGES AT SURFACE: 2411' FNL and 1157' FEL		COUNTY: Dagget
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 32 3N 24E		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>5/1/2014</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Reserve pit closure</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	
	<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:		

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

Wesco Operating, Inc. (Wesco) requests the the reserve pit associated with the dry Two Horse Butte 42-32 gas well be closed. The pit measured approximately 175 x 100 x 10 feet deep. During initial reclamation activities, the pit was reportedly free of liquids, the pit liner was cut-off, and 3-5 feet of fill material was placed into the pit. Wesco subsequently mobilized to the site and collected four hand auger samples from near the bottom of the pit. The samples were submitted to Energy Laboratories for analysis of Total Petroleum Hydrocabons -Diesel Range Organics (DRO)/Gasoline Range Organics (GRO) and Sodium Absorption Ration (SAR). Laboratory results are attached.

The sample results indicate that the pit solids meet the Level I clean-up levels as outlined in the Utah's Oil and Gas Division's Guidance Document. Based on this criteria, Wesco requests that the reserve pit be formally closed.

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

FOR RECORD ONLY

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APR 07 2014
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>Scott Kerr</u>	TITLE <u>HSE</u>
SIGNATURE <u>Scott Kerr</u>	DATE <u>4-1-14</u>

(This space for State use only)



ANALYTICAL SUMMARY REPORT

March 28, 2014

Wesco Operating Inc
120 S Durbin St
Casper, WY 82602

Work Order: C14030468

Project Name: Two Horse Butte 42-32-Pit

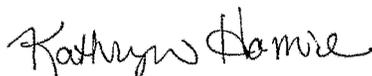
Energy Laboratories, Inc. Casper WY received the following 5 samples for Wesco Operating Inc on 3/17/2014 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C14030468-001	SB-1 7-9'	03/13/14 11:45	03/17/14	Soil	Metals, Saturated Paste Ultrasonic Extraction Diesel Range Organics Gasoline Range Organics Saturated Paste Sodium Adsorption Ratio Volatile Organics, Methanol Extraction
C14030468-002	SB-2 6-8'	03/13/14 12:15	03/17/14	Soil	Same As Above
C14030468-003	SB-3 6-8'	03/13/14 12:30	03/17/14	Soil	Same As Above
C14030468-004	SB-4 6-8'	03/13/14 12:45	03/17/14	Soil	Same As Above
C14030468-005	Background	03/13/14 12:50	03/17/14	Soil	Same As Above

The results as reported relate only to the item(s) submitted for testing. The analyses presented in this report were performed at Energy Laboratories, Inc., 2393 Salt Creek Hwy., Casper, WY 82601, unless otherwise noted. Radiochemistry analyses were performed at Energy Laboratories, Inc., 2325 Kerzell Lane, Casper, WY 82601, unless otherwise noted. Any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these test results, please call.

Report Approved By:


Report Proofing Specialist

Digitally signed by
Kathy Hamre
Date: 2014.03.28 08:52:22 -06:00



LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Wesco Operating Inc
Project: Two Horse Butte 42-32-Pit
Lab ID: C14030468-001
Client Sample ID: SB-1 7-9'

Report Date: 03/28/14
Collection Date: 03/13/14 11:45
Date Received: 03/17/14
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
SATURATED PASTE EXTRACT							
Calcium, sat. paste	28.1	meq/L	D	0.06		SW6010B	03/20/14 20:00 / sf
Magnesium, sat. paste	43.7	meq/L		0.08		SW6010B	03/20/14 20:00 / sf
Sodium, sat. paste	33.9	meq/L	D	0.08		SW6010B	03/20/14 20:00 / sf
Sodium Adsorption Ratio (SAR)	5.7	unitless		0.1		USDA20B	03/21/14 16:07 / smm
ORGANIC CHARACTERISTICS							
Diesel Range Organics (DRO)	14	mg/kg		10		SW8015B	03/21/14 02:40 / dm
Surr: o-Terphenyl	83.0	%REC		59.8-128		SW8015B	03/21/14 02:40 / dm
Gasoline Range Organics (GRO)	3.1	mg/kg		2.1		SW8015B	03/25/14 16:28 / cns
Total Purgeable Hydrocarbons	10	mg/kg		2.1		SW8015B	03/25/14 16:28 / cns
Surr: Trifluorotoluene	48.0	%REC	S	50-115		SW8015B	03/25/14 16:28 / cns

Report RL - Analyte reporting limit.

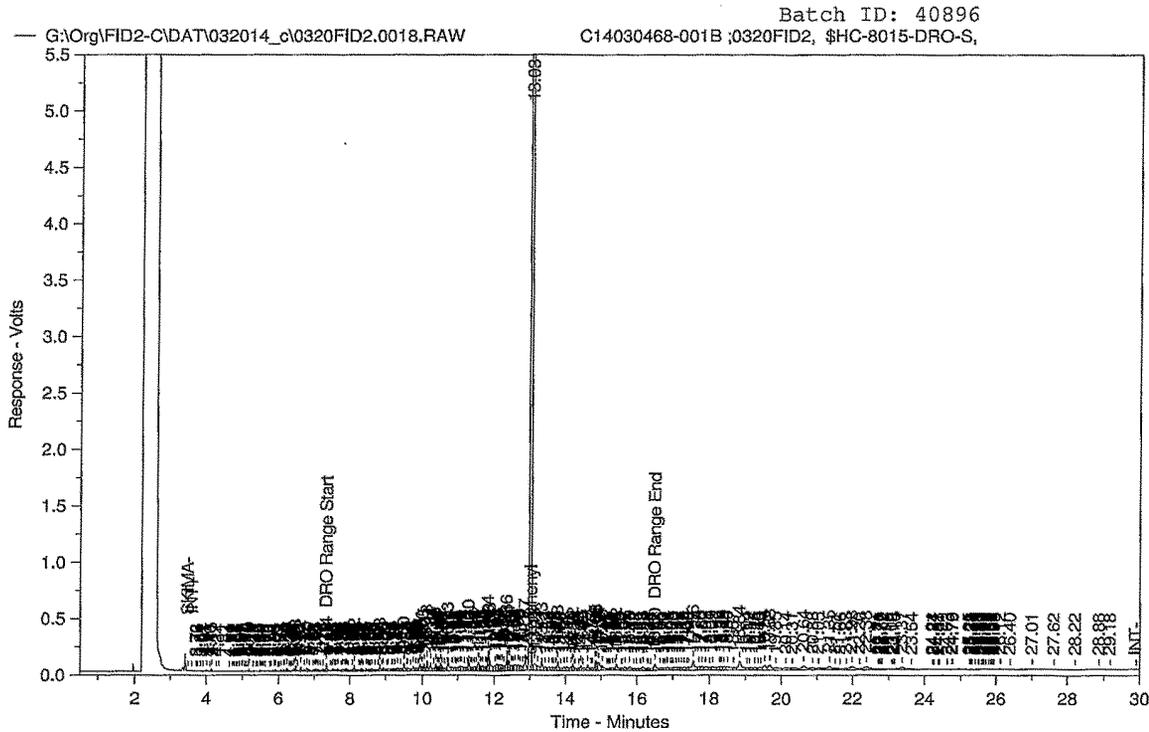
Definitions: QCL - Quality control limit.

D - RL increased due to sample matrix.

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

S - Spike recovery outside of advisory limits.



DIESEL RANGE ORGANICS CHROMATOGRAM

Sample Name: C14030468-001B ;0320FID2, \$HC-8015-DRO-S,
Raw File: G:\Org\FID2-C\DAT\032014_c\0320FID2.0018.RAW
Date & Time Acquired: 3/21/2014 02:40:59
Method File: X:\org\FID2-C\Methods\FID2_BASE_CAL_031114_R.met
Calibration File: \\cxmgx\DRO\org\FID2-C\Cals\FID2_031114_R.CAL
Sample Weight: 31.8 Dilution: 1 S.A.: 1

Mean RF for Hydrocarbon Range Calculations: 35358.89
Rt range for Diesel Range Organics (C10 to C28): 7.29 to 16.65
Rt range for Oil Range Organics (C28 to C40+): 16.51 to End Time

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
*o-Terphenyl	13.031	62.893	52.104	82.85

DRO Area:1.508757E+07 DRO AMOUNT: 13.41818
TEH Area:2.386546E+07 TEH AMOUNT: 21.22482
Oil Area:7918402 OIL AMOUNT: 7.042256



LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

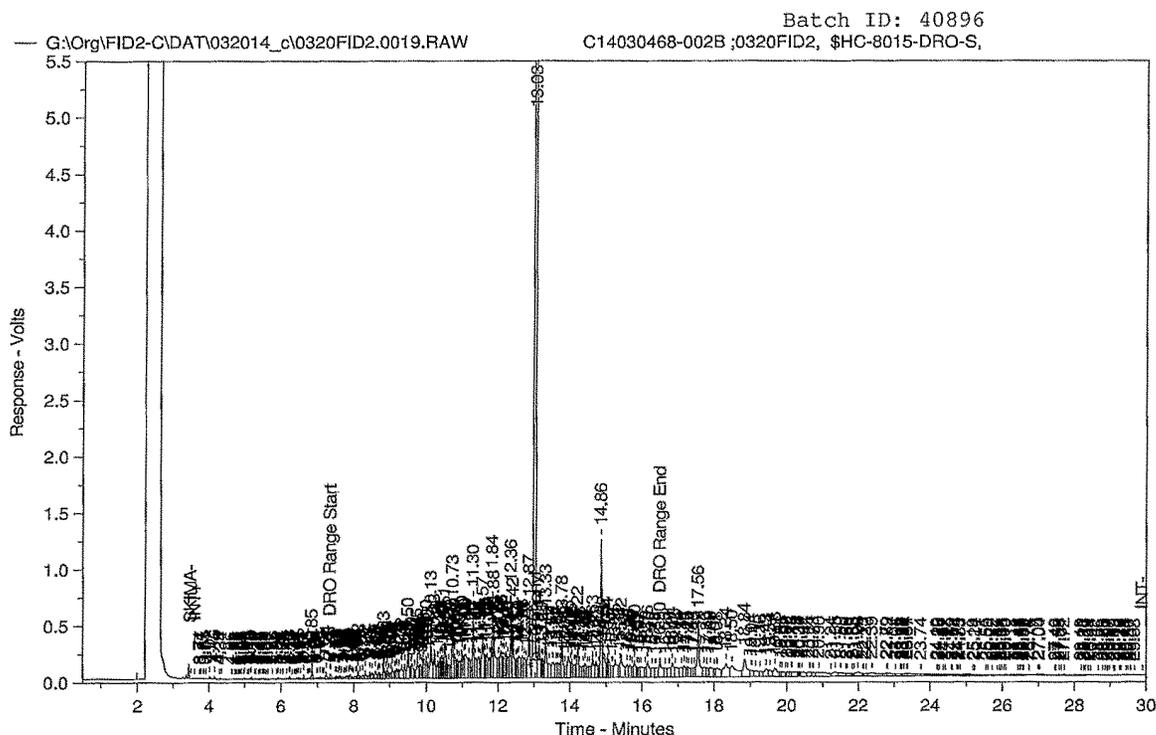
Client: Wesco Operating Inc
Project: Two Horse Butte 42-32-Pit
Lab ID: C14030468-002
Client Sample ID: SB-2 6-8'

Report Date: 03/28/14
Collection Date: 03/13/14 12:15
Date Received: 03/17/14
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
SATURATED PASTE EXTRACT							
Calcium, sat. paste	28.5	meq/L	D	0.06		SW6010B	03/20/14 20:04 / sf
Magnesium, sat. paste	37.3	meq/L		0.08		SW6010B	03/20/14 20:04 / sf
Sodium, sat. paste	26.5	meq/L	D	0.08		SW6010B	03/20/14 20:04 / sf
Sodium Adsorption Ratio (SAR)	4.6	unitless		0.1		USDA20B	03/21/14 16:07 / smm
ORGANIC CHARACTERISTICS							
Diesel Range Organics (DRO)	65	mg/kg		10		SW8015B	03/21/14 03:27 / dm
Surr: o-Terphenyl	86.0	%REC		59.8-128		SW8015B	03/21/14 03:27 / dm
Gasoline Range Organics (GRO)	ND	mg/kg		2.1		SW8015B	03/26/14 10:46 / cns
Total Purgeable Hydrocarbons	22	mg/kg		2.1		SW8015B	03/26/14 10:46 / cns
Surr: Trifluorotoluene	78.0	%REC		50-115		SW8015B	03/26/14 10:46 / cns

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.
D - RL increased due to sample matrix.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



DIESEL RANGE ORGANICS CHROMATOGRAM

Sample Name: C14030468-002B ;0320FID2, \$HC-8015-DRO-S,
Raw File: G:\Org\FID2-C\DAT\032014_c\0320FID2.0019.RAW
Date & Time Acquired: 3/21/2014 03:27:02
Method File: X:\org\FID2-C\Methods\FID2_BASE_CAL_031114_R.met
Calibration File: \\cxmgx\DRO\org\FID2-C\Cals\FID2_031114_R.CAL
Sample Weight: 30.7 Dilution: 1 S.A.: 1

Mean RF for Hydrocarbon Range Calculations: 35358.89
Rt range for Diesel Range Organics (C10 to C28): 7.29 to 16.65
Rt range for Oil Range Organics (C28 to C40+): 16.51 to End Time

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
*o-Terphenyl	13.033	65.147	56.71	87.05

DRO Area: 7.093754E+07 DRO AMOUNT: 65.34903
TEH Area: 9.529934E+07 TEH AMOUNT: 87.7916
Oil Area: 2.337842E+07 OIL AMOUNT: 21.53665



LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Wesco Operating Inc
Project: Two Horse Butte 42-32-Pit
Lab ID: C14030468-003
Client Sample ID: SB-3 6-8'

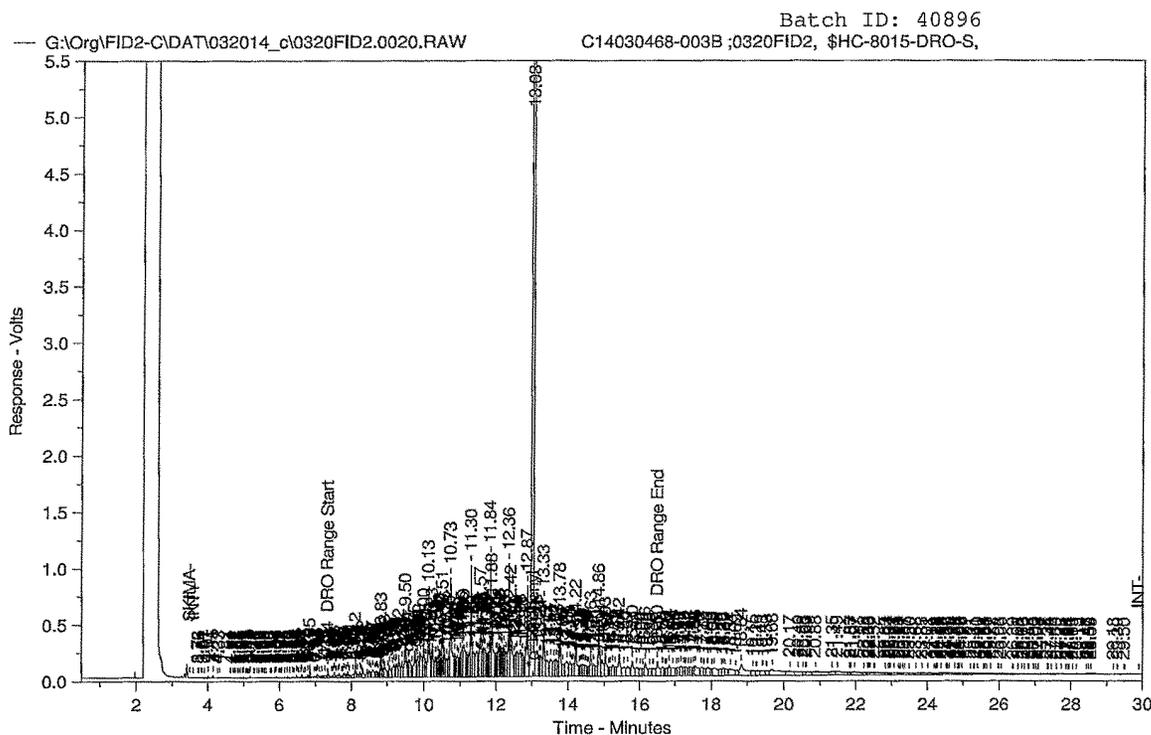
Report Date: 03/28/14
Collection Date: 03/13/14 12:30
Date Received: 03/17/14
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
SATURATED PASTE EXTRACT							
Calcium, sat. paste	28.9	meq/L	D	0.06		SW6010B	03/20/14 20:07 / sf
Magnesium, sat. paste	37.9	meq/L		0.08		SW6010B	03/20/14 20:07 / sf
Sodium, sat. paste	39.7	meq/L	D	0.08		SW6010B	03/20/14 20:07 / sf
Sodium Adsorption Ratio (SAR)	6.9	unitless		0.1		USDA20B	03/21/14 16:07 / smm
ORGANIC CHARACTERISTICS							
Diesel Range Organics (DRO)	73	mg/kg		10		SW8015B	03/21/14 04:13 / dm
Surr: o-Terphenyl	80.0	%REC		59.8-128		SW8015B	03/21/14 04:13 / dm
Gasoline Range Organics (GRO)	ND	mg/kg		2.0		SW8015B	03/26/14 11:22 / cns
Total Purgeable Hydrocarbons	15	mg/kg		2.0		SW8015B	03/26/14 11:22 / cns
Surr: Trifluorotoluene	63.0	%REC		50-115		SW8015B	03/26/14 11:22 / cns

**Report
Definitions:**

RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



DIESEL RANGE ORGANICS CHROMATOGRAM

Sample Name: C14030468-003B ;0320FID2, \$HC-8015-DRO-S,
Raw File: G:\Org\FID2-C\DAT\032014_c\0320FID2.0020.RAW
Date & Time Acquired: 3/21/2014 04:13:02
Method File: X:\org\FID2-C\Methods\FID2_BASE_CAL_031114_R.met
Calibration File: \\cxmgx\DRO\org\FID2-C\Cals\FID2_031114_R.CAL
Sample Weight: 30.7 Dilution: 1 S.A.: 1

Mean RF for Hydrocarbon Range Calculations: 35358.89
Rt range for Diesel Range Organics (C10 to C28): 7.29 to 16.65
Rt range for Oil Range Organics (C28 to C40+): 16.51 to End Time

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC	
*o-Terphenyl	13.03	65.147	52.972	81.31	-

DRO Area: 7.919515E+07 DRO AMOUNT: 72.9561
TEH Area: 9.812098E+07 TEH AMOUNT: 90.39094
Oil Area: 1.809789E+07 OIL AMOUNT: 16.67212



LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

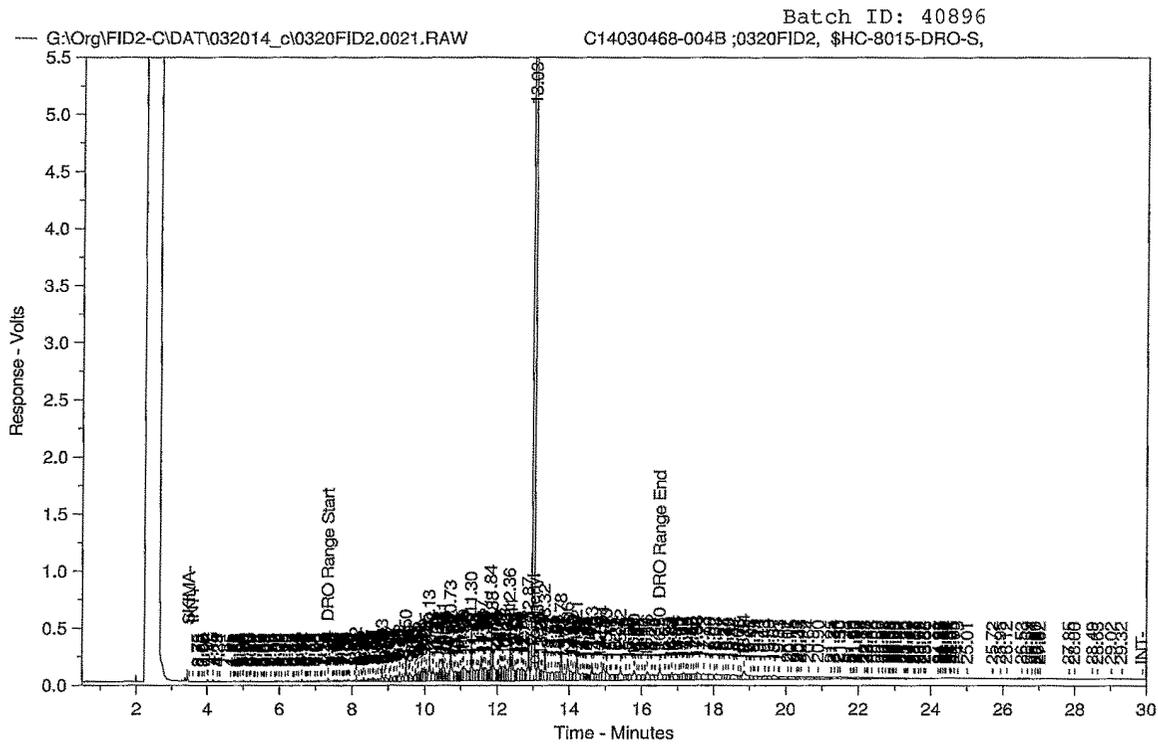
Client: Wesco Operating Inc
Project: Two Horse Butte 42-32-Pit
Lab ID: C14030468-004
Client Sample ID: SB-4 6-8'

Report Date: 03/28/14
Collection Date: 03/13/14 12:45
Date Received: 03/17/14
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
SATURATED PASTE EXTRACT							
Calcium, sat. paste	29.9	meq/L	D	0.06		SW6010B	03/20/14 20:11 / sf
Magnesium, sat. paste	31.0	meq/L		0.08		SW6010B	03/20/14 20:11 / sf
Sodium, sat. paste	47.3	meq/L	D	0.08		SW6010B	03/20/14 20:11 / sf
Sodium Adsorption Ratio (SAR)	8.6	unitless		0.1		USDA20B	03/21/14 16:07 / smm
ORGANIC CHARACTERISTICS							
Diesel Range Organics (DRO)	37	mg/kg		10		SW8015B	03/21/14 04:59 / dm
Surr: o-Terphenyl	77.0	%REC		59.8-128		SW8015B	03/21/14 04:59 / dm
Gasoline Range Organics (GRO)	2.8	mg/kg		2.0		SW8015B	03/26/14 11:57 / cns
Total Purgeable Hydrocarbons	24	mg/kg		2.0		SW8015B	03/26/14 11:57 / cns
Surr: Trifluorotoluene	57.0	%REC		50-115		SW8015B	03/26/14 11:57 / cns

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



DIESEL RANGE ORGANICS CHROMATOGRAM

Sample Name: C14030468-004B ;0320FID2, \$HC-8015-DRO-S,
 Raw File: G:\Org\FID2-C\DAT\032014_c\0320FID2.0021.RAW
 Date & Time Acquired: 3/21/2014 04:59:02
 Method File: X:\org\FID2-C\Methods\FID2_BASE_CAL_031114_R.met
 Calibration File: \\cxmgx\DRO\org\FID2-C\Cals\FID2_031114_R.CAL
 Sample Weight: 30.2 Dilution: 1 S.A.: 1

Mean RF for Hydrocarbon Range Calculations: 35358.89
 Rt range for Diesel Range Organics (C10 to C28): 7.29 to 16.65
 Rt range for Oil Range Organics (C28 to C40+): 16.51 to End Time

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
*o-Terphenyl	13.027	66.225	51.401	77.62

DRO Area:3.800728E+07 DRO AMOUNT: 35.59273
 TEH Area:4.870548E+07 TEH AMOUNT: 45.61128
 Oil Area:1.033759E+07 OIL AMOUNT: 9.680856



LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

Client: Wesco Operating Inc
Project: Two Horse Butte 42-32-Pit
Lab ID: C14030468-005
Client Sample ID: Background

Report Date: 03/28/14
Collection Date: 03/13/14 12:50
Date Received: 03/17/14
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
SATURATED PASTE EXTRACT							
Calcium, sat. paste	10.9	meq/L	D	0.06		SW6010B	03/20/14 20:51 / sf
Magnesium, sat. paste	3.48	meq/L		0.08		SW6010B	03/20/14 20:51 / sf
Sodium, sat. paste	3.72	meq/L		0.04		SW6010B	03/20/14 20:51 / sf
Sodium Adsorption Ratio (SAR)	1.4	unitless		0.1		USDA20B	03/21/14 16:07 / smm
ORGANIC CHARACTERISTICS							
Diesel Range Organics (DRO)	17	mg/kg		10		SW8015B	03/21/14 05:45 / dm
Surr: o-Terphenyl	76.0	%REC		59.8-128		SW8015B	03/21/14 05:45 / dm
Gasoline Range Organics (GRO)	ND	mg/kg		2.0		SW8015B	03/26/14 12:32 / cns
Total Purgeable Hydrocarbons	9.0	mg/kg		2.0		SW8015B	03/26/14 12:32 / cns
Surr: Trifluorotoluene	78.0	%REC		50-115		SW8015B	03/26/14 12:32 / cns

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.
D - RL increased due to sample matrix.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Wesco Operating Inc

Report Date: 03/28/14

Project: Two Horse Butte 42-32-Pit

Work Order: C14030468

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW6010B								Analytical Run: ICP4-C_140320A		
Lab ID: ICV	3	Initial Calibration Verification Standard								03/20/14 11:49
Calcium		49.8	mg/L	0.50	100	90	110			
Magnesium		49.4	mg/L	0.50	99	90	110			
Sodium		49.6	mg/L	0.50	99	90	110			
Lab ID: ICSA	3	Interference Check Sample A								03/20/14 12:03
Calcium		474	mg/L	0.50	95	80	120			
Magnesium		505	mg/L	0.50	101	80	120			
Sodium		-0.132	mg/L	0.50						
Lab ID: ICSAB	3	Interference Check Sample AB								03/20/14 12:07
Calcium		468	mg/L	0.50	94	80	120			
Magnesium		503	mg/L	0.50	101	80	120			
Sodium		-0.255	mg/L	0.50						
Method: SW6010B								Batch: 40894		
Lab ID: MB-40894	3	Method Blank								03/20/14 19:52
Calcium		ND	mg/L	0.2						
Magnesium		ND	mg/L	0.03						
Sodium		0.01	mg/L	0.01						
Lab ID: LCS1-40894	3	Laboratory Control Sample								03/20/14 19:56
Calcium		615	mg/L	1.1	101	70	130			
Magnesium		154	mg/L	1.0	103	70	130			
Sodium		153	mg/L	1.9	96	70	130			
Lab ID: C14030468-005ADIL	3	Serial Dilution								03/20/14 20:55
Calcium		219	mg/L	5.7		0	0	0.1	10	
Magnesium		42.6	mg/L	1.0		0	0	0.7	10	
Sodium		84.7	mg/L	9.7		0	0		10	N
Lab ID: C14030468-005ADUP	3	Sample Duplicate								03/20/14 20:58
Calcium		222	mg/L	1.1				1.3	30	
Magnesium		42.3	mg/L	1.0				0.0	30	
Sodium		84.5	mg/L	1.9				1.4	30	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

N - The analyte concentration was not sufficiently high to calculate a RPD for the serial dilution test.



QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Wesco Operating Inc
Project: Two Horse Butte 42-32-Pit

Report Date: 03/28/14
Work Order: C14030468

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8015B Batch: 40881										
Lab ID: MB-40881	3	Method Blank								
Gasoline Range Organics (GRO)		ND	mg/kg	2.0						
Total Purgeable Hydrocarbons		ND	mg/kg	2.0						
Surr: Trifluorotoluene				0.40	73	70	130			
Run: PIDFID1-C_140325A 03/25/14 10:03										
Lab ID: LCS-40881	2	Laboratory Control Sample								
Total Purgeable Hydrocarbons		17.2	mg/kg	2.0	80	70	130			
Surr: Trifluorotoluene				0.40	79	70	130			
Run: PIDFID1-C_140325A 03/25/14 11:48										
Lab ID: LCSD-40881	2	Laboratory Control Sample Duplicate								
Total Purgeable Hydrocarbons		15.7	mg/kg	2.0	73	70	130	8.6	20	
Surr: Trifluorotoluene				0.40	77	70	130			
Run: PIDFID1-C_140325A 03/25/14 12:23										
Lab ID: C14030468-001MS	2	Sample Matrix Spike								
Total Purgeable Hydrocarbons		26.5	mg/kg	2.0	83	70	130			
Surr: Trifluorotoluene				0.40	69	50	115			
Run: PIDFID1-C_140325A 03/25/14 12:58										
Lab ID: C14030468-001BMSD	2	Sample Matrix Spike Duplicate								
Total Purgeable Hydrocarbons		21.9	mg/kg	2.1	56	70	130	19	20	S
Surr: Trifluorotoluene				0.42	56	50	115			
- MSD recovery is outside QC advisory limits. This is attributed to sample non-homogeneity encountered during sample extraction.										
Method: SW8015B Batch: 40896										
Lab ID: MB-40896	2	Method Blank								
Diesel Range Organics (DRO)		ND	mg/kg	10						
Surr: o-Terphenyl				6.7	75	59.8	128			
Run: FID2-C_140320A 03/20/14 15:56										
Lab ID: LCS-40896	2	Laboratory Control Sample								
Diesel Range Organics (DRO)		659	mg/kg	10	99	58.7	106			
Surr: o-Terphenyl				6.7	81	59.8	128			
Run: FID2-C_140320A 03/20/14 16:42										
Lab ID: LCSD-40896	2	Laboratory Control Sample Duplicate								
Diesel Range Organics (DRO)		732	mg/kg	10	110	58.7	106	11	20	S
Surr: o-Terphenyl				6.7	89	59.8	128			
Run: FID2-C_140320A 03/20/14 17:28										
Lab ID: C14030250-001AMS	2	Sample Matrix Spike								
Diesel Range Organics (DRO)		10800	mg/kg	66	-40	60	140			SO
Surr: o-Terphenyl				66	223	59.8	128			SO
Run: FID2-C_140320A 03/20/14 19:00										
Lab ID: C14030250-001AMSD	2	Sample Matrix Spike Duplicate								
Diesel Range Organics (DRO)		10400	mg/kg	66	-106	60	140	4.1	20	SO
Surr: o-Terphenyl				66	191	59.8	128			SO
Run: FID2-C_140320A 03/20/14 19:46										

Qualifiers:

RL - Analyte reporting limit.
O - Diluted out.

ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.



QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Wesco Operating Inc

Report Date: 03/28/14

Project: Two Horse Butte 42-32-Pit

Work Order: C14030468

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8015B								Analytical Run: R184798		
Lab ID: CCV_0325HP202r	2 Continuing Calibration Verification Standard									
Total Purgeable Hydrocarbons		21.6	mg/kg	2.0	108	85	115			03/25/14 09:28
Surr: Trifluorotoluene				0.40	97	70	130			
Lab ID: CCV_0325HP220r								03/25/14 19:58		
	2 Continuing Calibration Verification Standard									
Total Purgeable Hydrocarbons		20.0	mg/kg	2.0	100	85	115			
Surr: Trifluorotoluene				0.40	91	70	130			
Method: SW8015B								Analytical Run: R184829		
Lab ID: CCV_0326HP202r	2 Continuing Calibration Verification Standard									
Total Purgeable Hydrocarbons		19.4	mg/kg	2.0	97	85	115			03/26/14 09:36
Surr: Trifluorotoluene				0.40	107	70	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



Workorder Receipt Checklist

Wesco Operating Inc

C14030468

Login completed by: Dorian Quis

Date Received: 3/17/2014

Reviewed by: BL2000\khelm

Received by: dw

Reviewed Date: 3/18/2014

Carrier Hand Del name:

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on all shipping container(s)/cooler(s)? Yes No Not Present
- Custody seals intact on all sample bottles? Yes No Not Present
- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time?
(Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.) Yes No
- Temp Blank received in all shipping container(s)/cooler(s)? Yes No Not Applicable
- Container/Temp Blank temperature: 15.8°C No Ice
- Water - VOA vials have zero headspace? Yes No No VOA vials submitted
- Water - pH acceptable upon receipt? Yes No Not Applicable

Standard Reporting Procedures:

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

Contact and Corrective Action Comments:

None



Chain of Custody and Analytical Request Record

PLEASE PRINT (Provide as much information as possible.)

Company Name: <i>Wesco Operating INC</i>	Project Name, PWS, Permit, Etc. <i>Two Horse Bottle 42-32 P.F</i>	Sample Origin State: <i>Utah</i>	EPA/State Compliance: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Report Mail Address (Required):	Contact Name: <i>Scott Kerr</i>	Phone/Fax: <i>307-577-5336</i>	Cell: <i>307-577-5336</i>
<input type="checkbox"/> No Hard Copy Email:	Invoice Contact & Phone:	Purchase Order:	Sampler: (Please Print) <i>Scott Kerr</i>
Invoice Address (Required):			Quote/Bottle Order:

No Hard Copy Email:

Special Report/Formats:

DW EDD/EDT (Electronic Data)
 POTW/WWTP **Format:** _____
 State: _____ LEVEL IV
 Other: _____ NELAC

Number of Containers Sample Type: A W S V B O D W Air Water Soils/Solids Vegetation Bioassay Other DW - Drinking Water	ANALYSIS REQUESTED												
	MATRIX												
	<i>SAR</i>												
	<i>TPH</i>												

SEE ATTACHED

Standard Turnaround (TAT)

R
U
S
H

→ Contact ELI prior to RUSH sample submittal for charges and scheduling - See Instruction Page

Comments:

Shipped by:
Kend

Cooler ID(s):

Receipt Temp
15.8 °C

On Ice: Y N

Custody Seal
On Bottle Y N
On Cooler Y N

Intact Y N
Signature Match Y N

SAMPLE IDENTIFICATION (Name, Location, Interval, etc.)	Collection Date	Collection Time	MATRIX										
<i>SB-1 7-9'</i>	<i>3-13-14</i>	<i>1145</i>	<i>S</i>	<i>X</i>	<i>X</i>								
<i>SB-2 6-8'</i>	<i>3-13-14</i>	<i>1215</i>	<i>S</i>	<i>X</i>	<i>X</i>								
<i>SB-3 6-8'</i>	<i>3-13-14</i>	<i>1230</i>	<i>S</i>	<i>X</i>	<i>X</i>								
<i>SB-4 6-8'</i>	<i>3-13-14</i>	<i>1245</i>	<i>S</i>	<i>X</i>	<i>X</i>								
<i>Background</i>	<i>3-13-14</i>	<i>1250</i>	<i>S</i>	<i>X</i>	<i>X</i>								

LABORATORY USE ONLY

Custody Record MUST be Signed	Relinquished by (print): <i>Scott Kerr</i>	Date/Time: <i>3-17 1316</i>	Signature: <i>[Signature]</i>	Received by (print):	Date/Time:	Signature:
	Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
	Sample Disposal: Return to Client:	Lab Disposal:	Received by Laboratory: <i>[Signature]</i>	Date/Time: <i>3-17-14 1317</i>	Signature:	

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report. Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-85093
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <u>Dry</u>		8. WELL NAME and NUMBER: Two Horse Butte 42-32
2. NAME OF OPERATOR: Wesco Operating, LLC		9. API NUMBER: 43 009 30070
3. ADDRESS OF OPERATOR: PO Box 1650 CITY <u>Casper</u> STATE <u>WY</u> ZIP <u>82602</u>		PHONE NUMBER: (307) 577-5336
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2411' FNL and 1157' FEL		10. FIELD AND POOL, OR WILDCAT: Wildcat
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 32 3N 24E		COUNTY: Dagget
		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>5/1/2014</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Reserve pit closure</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.

Wesco Operating, Inc. (Wesco) requests the the reserve pit associated with the dry Two Horse Butte 42-32 gas well be closed. The pit measured approximately 175 x 100 x 10 feet deep. During initial reclamation activities, the pit was reportedly free of liquids, the pit liner was cut-off, and 3-5 feet of fill material was placed into the pit. Wesco subsequently mobilized to the site and collected four hand auger samples from near the bottom of the pit. The samples were submitted to Energy Laboratories for analysis of Total Petroleum Hydrocabons -Diesel Range Organics (DRO)/Gasoline Range Organics (GRO) and Sodium Absorption Ration (SAR). Laboratory results are attached.

The sample results indicate that the pit solids meet the Level I clean-up levels as outlined in the Utah's Oil and Gas Division's Guidance Document. Based on this criteria, Wesco requests that the reserve pit be formally closed.

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

COPY SENT TO OPERATOR
Date: 8.22.2014
Initials: KS

Date: 8/14/14
By: [Signature]

NAME (PLEASE PRINT) <u>Scott Kerr</u>	TITLE <u>HSE Coordinator</u>
SIGNATURE <u>[Signature]</u>	DATE <u>8-1-14</u>

(This space for State use only)

INSTRUCTIONS

This form shall be submitted by the operator to show the intention and/or completion of the following:

- miscellaneous work projects and actions for which other specific report forms do not exist;
- all other work and events as identified in section 11, Type of Action, or as required by the Utah Oil and Gas Conservation General Rules, including:
 - minor deepening of an existing well bore,
 - plugging back a well,
 - recompleting to a different producing formation within an existing well bore (intent only),
 - reperforating the current producing formation,
 - drilling a sidetrack to repair a well,
 - reporting monthly the status of each drilling well.

This form is not to be used for proposals to

- drill new wells,
- reenter previously plugged and abandoned wells,
- significantly deepen existing wells below their current bottom-hole depth,
- drill horizontal laterals from an existing well bore,
- drill hydrocarbon exploratory holes such as core samples and stratigraphic tests.

Use Form 3, Application for Permit to Drill (APD) for such proposals.

NOTICE OF INTENT - A notice of intention to do work on a well or to change plans previously approved shall be submitted in duplicate and must be received and approved by the division before the work is commenced. The operator is responsible for receipt of the notice by the division in ample time for proper consideration and action. In cases of emergency, the operator may obtain verbal approval to commence work. Within five days after receiving verbal approval, the operator shall submit a Sundry Notice describing the work and acknowledging the verbal approval.

SUBSEQUENT REPORT - A subsequent report shall be submitted to the division within 30 days of the completion of the outlined work. Specific details of the work performed should be provided, including dates, well depths, placement of plugs, etc.

WELL ABANDONMENT - Proposals to abandon a well and subsequent reports of abandonment should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, and method of parting of any casing, liner, or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

In addition to any Sundry Notice forms submitted, Form 8, Well Completion or Recompletion Report and Log must be submitted to the division to report the results of the following operations:

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

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



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ANALYTICAL SUMMARY REPORT

March 28, 2014

Wesco Operating Inc
120 S Durbin St
Casper, WY 82602

Work Order: C14030468

Project Name: Two Horse Butte 42-32-Pit

Energy Laboratories, Inc. Casper WY received the following 5 samples for Wesco Operating Inc on 3/17/2014 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
C14030468-001	SB-1 7-9'	03/13/14 11:45	03/17/14	Soil	Metals, Saturated Paste Ultrasonic Extraction Diesel Range Organics Gasoline Range Organics Saturated Paste Sodium Adsorption Ratio Volatile Organics, Methanol Extraction
C14030468-002	SB-2 6-8'	03/13/14 12:15	03/17/14	Soil	Same As Above
C14030468-003	SB-3 6-8'	03/13/14 12:30	03/17/14	Soil	Same As Above
C14030468-004	SB-4 6-8'	03/13/14 12:45	03/17/14	Soil	Same As Above
C14030468-005	Background	03/13/14 12:50	03/17/14	Soil	Same As Above

The results as reported relate only to the item(s) submitted for testing. The analyses presented in this report were performed at Energy Laboratories, Inc., 2393 Salt Creek Hwy., Casper, WY 82601, unless otherwise noted. Radiochemistry analyses were performed at Energy Laboratories, Inc., 2325 Kerzell Lane, Casper, WY 82601, unless otherwise noted. Any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

If you have any questions regarding these test results, please call.

Report Approved By:


Report Proofing Specialist

Digitally signed by
Kathy Hamre
Date: 2014.03.28 08:52:22 -06:00



LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

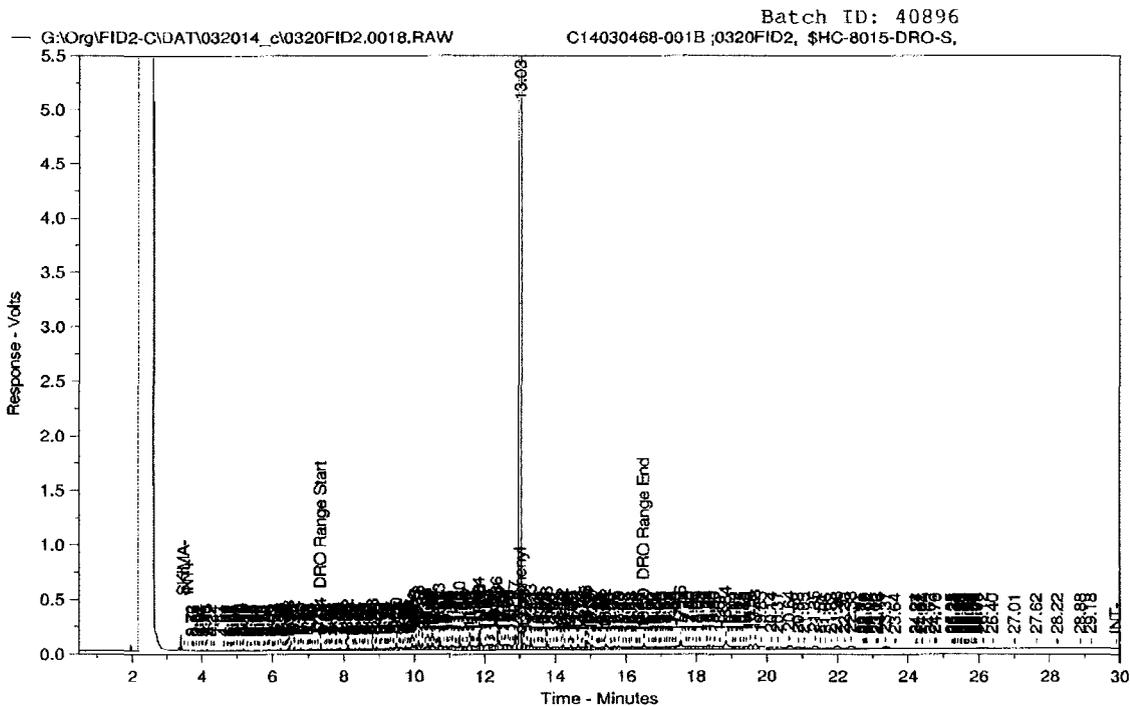
Client: Wesco Operating Inc
Project: Two Horse Butte 42-32-Pit
Lab ID: C14030468-001
Client Sample ID: SB-1 7-9'

Report Date: 03/28/14
Collection Date: 03/13/14 11:45
Date Received: 03/17/14
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
SATURATED PASTE EXTRACT							
Calcium, sat. paste	28.1	meq/L	D	0.06		SW6010B	03/20/14 20:00 / sf
Magnesium, sat. paste	43.7	meq/L		0.08		SW6010B	03/20/14 20:00 / sf
Sodium, sat. paste	33.9	meq/L	D	0.08		SW6010B	03/20/14 20:00 / sf
Sodium Adsorption Ratio (SAR)	5.7	unitless		0.1		USDA20B	03/21/14 16:07 / smm
ORGANIC CHARACTERISTICS							
Diesel Range Organics (DRO)	14	mg/kg		10		SW8015B	03/21/14 02:40 / dm
Surr: o-Terphenyl	83.0	%REC		59.8-128		SW8015B	03/21/14 02:40 / dm
Gasoline Range Organics (GRO)	3.1	mg/kg		2.1		SW8015B	03/25/14 16:28 / cns
Total Purgeable Hydrocarbons	10	mg/kg		2.1		SW8015B	03/25/14 16:28 / cns
Surr: Trifluorotoluene	48.0	%REC	S	50-115		SW8015B	03/25/14 16:28 / cns

Report RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.
D - RL increased due to sample matrix.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
S - Spike recovery outside of advisory limits.



DIESEL RANGE ORGANICS CHROMATOGRAM

Sample Name: C14030468-001B ;0320FID2, \$HC-8015-DRO-S,
Raw File: G:\Org\FID2-C\DAT\032014_c\0320FID2.0018.RAW
Date & Time Acquired: 3/21/2014 02:40:59
Method File: X:\org\FID2-C\Methods\FID2_BASE_CAL_031114_R.met
Calibration File: \\cxmgx\DRO\org\FID2-C\Cals\FID2_031114_R.CAL
Sample Weight: 31.8 Dilution: 1 S.A.: 1

Mean RF for Hydrocarbon Range Calculations: 35358.89
Rt range for Diesel Range Organics (C10 to C28): 7.29 to 16.65
Rt range for Oil Range Organics (C28 to C40+): 16.51 to End Time

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
*o-Terphenyl	13.031	62.893	52.104	82.85

DRO Area:1.508757E+07 DRO AMOUNT: 13.41818
TEH Area:2.386546E+07 TEH AMOUNT: 21.22482
Oil Area:7918402 OIL AMOUNT: 7.042256



LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

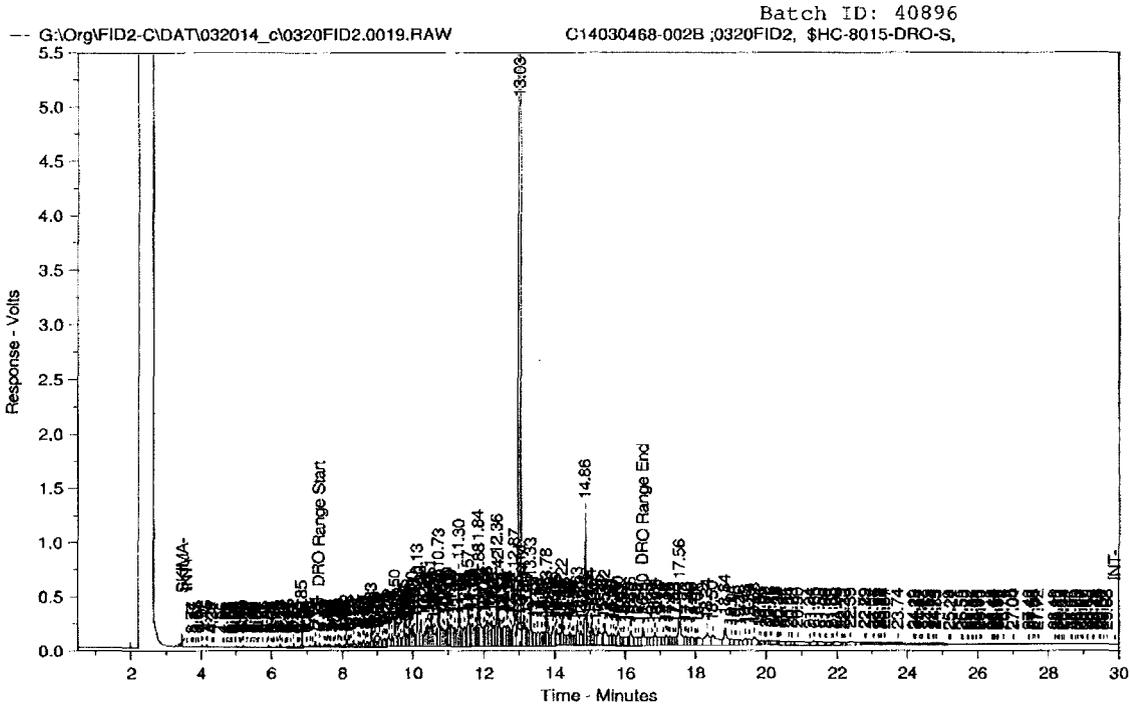
Client: Wesco Operating Inc
Project: Two Horse Butte 42-32-Pit
Lab ID: C14030468-002
Client Sample ID: SB-2 6-8'

Report Date: 03/28/14
Collection Date: 03/13/14 12:15
Date Received: 03/17/14
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
SATURATED PASTE EXTRACT							
Calcium, sat. paste	28.5	meq/L	D	0.06		SW6010B	03/20/14 20:04 / sf
Magnesium, sat. paste	37.3	meq/L		0.08		SW6010B	03/20/14 20:04 / sf
Sodium, sat. paste	26.5	meq/L	D	0.08		SW6010B	03/20/14 20:04 / sf
Sodium Adsorption Ratio (SAR)	4.6	unitless		0.1		USDA20B	03/21/14 16:07 / smm
ORGANIC CHARACTERISTICS							
Diesel Range Organics (DRO)	65	mg/kg		10		SW8015B	03/21/14 03:27 / dm
Surr: o-Terphenyl	86.0	%REC		59.8-128		SW8015B	03/21/14 03:27 / dm
Gasoline Range Organics (GRO)	ND	mg/kg		2.1		SW8015B	03/26/14 10:46 / cns
Total Purgeable Hydrocarbons	22	mg/kg		2.1		SW8015B	03/26/14 10:46 / cns
Surr: Trifluorotoluene	78.0	%REC		50-115		SW8015B	03/26/14 10:46 / cns

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



DIESEL RANGE ORGANICS CHROMATOGRAM

Sample Name: C14030468-002B ;0320FID2, \$HC-8015-DRO-S,
Raw File: G:\Org\FID2-C\DAT\032014_c\0320FID2.0019.RAW
Date & Time Acquired: 3/21/2014 03:27:02
Method File: X:\org\FID2-C\Methods\FID2_BASE_CAL_031114_R.met
Calibration File: \\cxmgx\DRO\org\FID2-C\Cals\FID2_031114_R.CAL
Sample Weight: 30.7 Dilution: 1 S.A.: 1

Mean RF for Hydrocarbon Range Calculations: 35358.89
Rt range for Diesel Range Organics (C10 to C28): 7.29 to 16.65
Rt range for Oil Range Organics (C28 to C40+): 16.51 to End Time

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
*o-Terphenyl	13.033	65.147	56.71	87.05

DRO Area: 7.093754E+07 DRO AMOUNT: 65.34903
TEH Area: 9.529934E+07 TEH AMOUNT: 87.7916
Oil Area: 2.337842E+07 OIL AMOUNT: 21.53665



LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

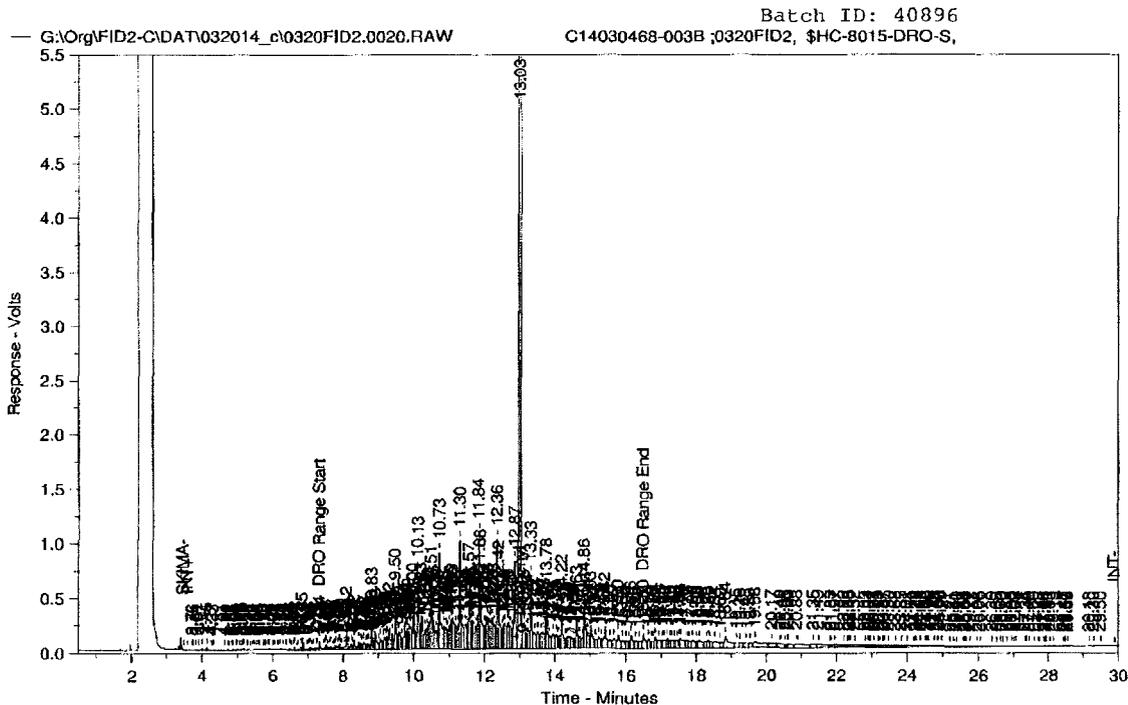
Client: Wesco Operating Inc
Project: Two Horse Butte 42-32-Pit
Lab ID: C14030468-003
Client Sample ID: SB-3 6-8'

Report Date: 03/28/14
Collection Date: 03/13/14 12:30
Date Received: 03/17/14
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
SATURATED PASTE EXTRACT							
Calcium, sat. paste	28.9	meq/L	D	0.06		SW6010B	03/20/14 20:07 / sf
Magnesium, sat. paste	37.9	meq/L		0.08		SW6010B	03/20/14 20:07 / sf
Sodium, sat. paste	39.7	meq/L	D	0.08		SW6010B	03/20/14 20:07 / sf
Sodium Adsorption Ratio (SAR)	6.9	unitless		0.1		USDA20B	03/21/14 16:07 / smm
ORGANIC CHARACTERISTICS							
Diesel Range Organics (DRO)	73	mg/kg		10		SW8015B	03/21/14 04:13 / dm
Surr: o-Terphenyl	80.0	%REC		59.8-128		SW8015B	03/21/14 04:13 / dm
Gasoline Range Organics (GRO)	ND	mg/kg		2.0		SW8015B	03/26/14 11:22 / cns
Total Purgeable Hydrocarbons	15	mg/kg		2.0		SW8015B	03/26/14 11:22 / cns
Surr: Trifluorotoluene	63.0	%REC		50-115		SW8015B	03/26/14 11:22 / cns

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



DIESEL RANGE ORGANICS CHROMATOGRAM

Sample Name: C14030468-003B ;0320FID2, \$HC-8015-DRO-S,
Raw File: G:\Org\FID2-C\DAT\032014_c\0320FID2.0020.RAW
Date & Time Acquired: 3/21/2014 04:13:02
Method File: X:\org\FID2-C\Methods\FID2_BASE_CAL_031114_R.met
Calibration File: \\cxmgx\DRO\org\FID2-C\Cals\FID2_031114_R.CAL
Sample Weight: 30.7 Dilution: 1 S.A.: 1

Mean RF for Hydrocarbon Range Calculations: 35358.89
Rt range for Diesel Range Organics (C10 to C28): 7.29 to 16.65
Rt range for Oil Range Organics (C28 to C40+): 16.51 to End Time

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
*o-Terphenyl	13.03	65.147	52.972	81.31

DRO Area: 7.919515E+07 DRO AMOUNT: 72.9561
TEH Area: 9.812098E+07 TEH AMOUNT: 90.39094
Oil Area: 1.809789E+07 OIL AMOUNT: 16.67212



LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

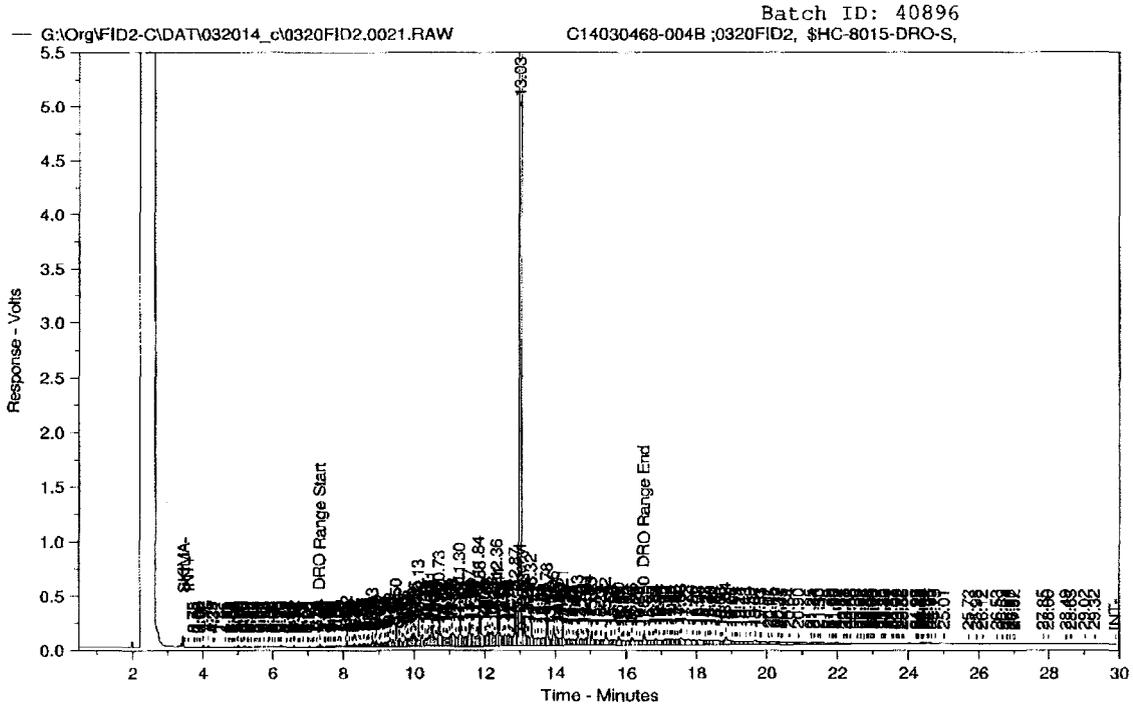
Client: Wesco Operating Inc
Project: Two Horse Butte 42-32-Pit
Lab ID: C14030468-004
Client Sample ID: SB-4 6-8'

Report Date: 03/28/14
Collection Date: 03/13/14 12:45
Date Received: 03/17/14
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
SATURATED PASTE EXTRACT							
Calcium, sat. paste	29.9	meq/L	D	0.06		SW6010B	03/20/14 20:11 / sf
Magnesium, sat. paste	31.0	meq/L		0.08		SW6010B	03/20/14 20:11 / sf
Sodium, sat. paste	47.3	meq/L	D	0.08		SW6010B	03/20/14 20:11 / sf
Sodium Adsorption Ratio (SAR)	8.6	unitless		0.1		USDA20B	03/21/14 16:07 / smm
ORGANIC CHARACTERISTICS							
Diesel Range Organics (DRO)	37	mg/kg		10		SW8015B	03/21/14 04:59 / dm
Surr: o-Terphenyl	77.0	%REC		59.8-128		SW8015B	03/21/14 04:59 / dm
Gasoline Range Organics (GRO)	2.8	mg/kg		2.0		SW8015B	03/26/14 11:57 / cns
Total Purgeable Hydrocarbons	24	mg/kg		2.0		SW8015B	03/26/14 11:57 / cns
Surr: Trifluorotoluene	57.0	%REC		50-115		SW8015B	03/26/14 11:57 / cns

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.





LABORATORY ANALYTICAL REPORT

Prepared by Casper, WY Branch

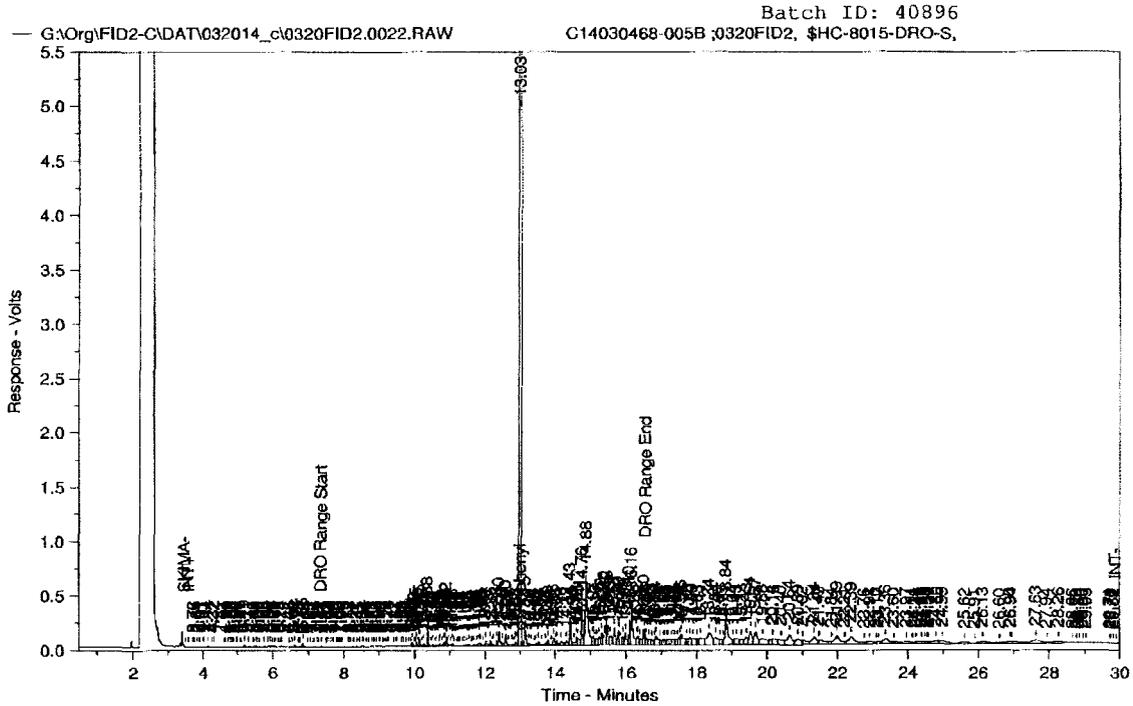
Client: Wesco Operating Inc
Project: Two Horse Butte 42-32-Pil
Lab ID: C14030468-005
Client Sample ID: Background

Report Date: 03/28/14
Collection Date: 03/13/14 12:50
Date Received: 03/17/14
Matrix: Soil

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
SATURATED PASTE EXTRACT							
Calcium, sat. paste	10.9	meq/L	D	0.06		SW6010B	03/20/14 20:51 / sf
Magnesium, sat. paste	3.48	meq/L		0.08		SW6010B	03/20/14 20:51 / sf
Sodium, sat. paste	3.72	meq/L		0.04		SW6010B	03/20/14 20:51 / sf
Sodium Adsorption Ratio (SAR)	1.4	unitless		0.1		USDA20B	03/21/14 16:07 / smm
ORGANIC CHARACTERISTICS							
Diesel Range Organics (DRO)	17	mg/kg		10		SW8015B	03/21/14 05:45 / dm
Surr: o-Terphenyl	76.0	%REC		59.8-128		SW8015B	03/21/14 05:45 / dm
Gasoline Range Organics (GRO)	ND	mg/kg		2.0		SW8015B	03/26/14 12:32 / cns
Total Purgeable Hydrocarbons	9.0	mg/kg		2.0		SW8015B	03/26/14 12:32 / cns
Surr: Trifluorotoluene	78.0	%REC		50-115		SW8015B	03/26/14 12:32 / cns

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



DIESEL RANGE ORGANICS CHROMATOGRAM

Sample Name: C14030468-005B ;0320FID2, \$HC-8015-DRO-S,
Raw File: G:\Org\FID2-C\DAT\032014_c\0320FID2.0022.RAW
Date & Time Acquired: 3/21/2014 05:45:05
Method File: X:\org\FID2-C\Methods\FID2_BASE_CAL_031114_R.met
Calibration File: \\cxmgx\DRO\org\FID2-C\Cals\FID2_031114_R.CAL
Sample Weight: 30 Dilution: 1 S.A.: 1

Mean RF for Hydrocarbon Range Calculations: 35358.89
Rt range for Diesel Range Organics (C10 to C28): 7.29 to 16.65
Rt range for Oil Range Organics (C28 to C40+): 16.51 to End Time

SURROGATE COMPOUND	RT	ACTUAL	MEASURED	%REC
*o-Terphenyl	13.026	66.667	50.927	76.39

DRO Area: 1.846554E+07 DRO AMOUNT: 17.40774
TEH Area: 4.289096E+07 TEH AMOUNT: 40.43393
Oil Area: 2.44058E+07 OIL AMOUNT: 23.0077



QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Wesco Operating Inc

Report Date: 03/28/14

Project: Two Horse Butte 42-32-Pit

Work Order: C14030468

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW6010B Analytical Run: ICP4-C_140320A										
Lab ID: ICV	3	Initial Calibration Verification Standard								03/20/14 11:49
Calcium		49.8	mg/L	0.50	100	90	110			
Magnesium		49.4	mg/L	0.50	99	90	110			
Sodium		49.6	mg/L	0.50	99	90	110			
Lab ID: ICSA	3	Interference Check Sample A								03/20/14 12:03
Calcium		474	mg/L	0.50	95	80	120			
Magnesium		505	mg/L	0.50	101	80	120			
Sodium		-0.132	mg/L	0.50						
Lab ID: IC SAB	3	Interference Check Sample AB								03/20/14 12:07
Calcium		468	mg/L	0.50	94	80	120			
Magnesium		503	mg/L	0.50	101	80	120			
Sodium		-0.255	mg/L	0.50						
Method: SW6010B Batch: 40894										
Lab ID: MB-40894	3	Method Blank								Run: ICP4-C_140320A 03/20/14 19:52
Calcium		ND	mg/L	0.2						
Magnesium		ND	mg/L	0.03						
Sodium		0.01	mg/L	0.01						
Lab ID: LCS1-40894	3	Laboratory Control Sample								Run: ICP4-C_140320A 03/20/14 19:56
Calcium		615	mg/L	1.1	101	70	130			
Magnesium		154	mg/L	1.0	103	70	130			
Sodium		153	mg/L	1.9	96	70	130			
Lab ID: C14030468-005ADIL	3	Serial Dilution								Run: ICP4-C_140320A 03/20/14 20:55
Calcium		219	mg/L	5.7		0	0	0.1	10	
Magnesium		42.6	mg/L	1.0		0	0	0.7	10	
Sodium		84.7	mg/L	9.7		0	0		10	N
Lab ID: C14030468-005ADUP	3	Sample Duplicate								Run: ICP4-C_140320A 03/20/14 20:58
Calcium		222	mg/L	1.1				1.3	30	
Magnesium		42.3	mg/L	1.0				0.0	30	
Sodium		84.5	mg/L	1.9				1.4	30	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

N - The analyte concentration was not sufficiently high to calculate a RPD for the serial dilution test.



QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Wesco Operating Inc

Report Date: 03/28/14

Project: Two Horse Butte 42-32-Pit

Work Order: C14030468

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8015B Batch: 40881										
Lab ID: MB-40881	3	Method Blank								
Gasoline Range Organics (GRO)		ND	mg/kg	2.0						
Total Purgeable Hydrocarbons		ND	mg/kg	2.0						
Surr: Trifluorotoluene				0.40	73	70	130			
Run: PIDFID1-C_140325A 03/25/14 10:03										
Lab ID: LCS-40881	2	Laboratory Control Sample								
Total Purgeable Hydrocarbons		17.2	mg/kg	2.0	80	70	130			
Surr: Trifluorotoluene				0.40	79	70	130			
Run: PIDFID1-C_140325A 03/25/14 11:48										
Lab ID: LCSD-40881	2	Laboratory Control Sample Duplicate								
Total Purgeable Hydrocarbons		15.7	mg/kg	2.0	73	70	130	8.6	20	
Surr: Trifluorotoluene				0.40	77	70	130			
Run: PIDFID1-C_140325A 03/25/14 12:23										
Lab ID: C14030468-001MS	2	Sample Matrix Spike								
Total Purgeable Hydrocarbons		26.5	mg/kg	2.0	83	70	130			
Surr: Trifluorotoluene				0.40	69	50	115			
Run: PIDFID1-C_140325A 03/25/14 12:58										
Lab ID: C14030468-001BMSD	2	Sample Matrix Spike Duplicate								
Total Purgeable Hydrocarbons		21.9	mg/kg	2.1	56	70	130	19	20	S
Surr: Trifluorotoluene				0.42	56	50	115			
Run: PIDFID1-C_140325A 03/25/14 13:34										
- MSD recovery is outside QC advisory limits. This is attributed to sample non-homogeneity encountered during sample extraction.										
Method: SW8015B Batch: 40896										
Lab ID: MB-40896	2	Method Blank								
Diesel Range Organics (DRO)		ND	mg/kg	10						
Surr: o-Terphenyl				6.7	75	59.8	128			
Run: FID2-C_140320A 03/20/14 15:56										
Lab ID: LCS-40896	2	Laboratory Control Sample								
Diesel Range Organics (DRO)		659	mg/kg	10	99	58.7	106			
Surr: o-Terphenyl				6.7	81	59.8	128			
Run: FID2-C_140320A 03/20/14 16:42										
Lab ID: LCSD-40896	2	Laboratory Control Sample Duplicate								
Diesel Range Organics (DRO)		732	mg/kg	10	110	58.7	106	11	20	S
Surr: o-Terphenyl				6.7	89	59.8	128			
Run: FID2-C_140320A 03/20/14 17:28										
Lab ID: C14030250-001AMS	2	Sample Matrix Spike								
Diesel Range Organics (DRO)		10800	mg/kg	66	-40	60	140			SO
Surr: o-Terphenyl				66	223	59.8	128			SO
Run: FID2-C_140320A 03/20/14 19:00										
Lab ID: C14030250-001AMSD	2	Sample Matrix Spike Duplicate								
Diesel Range Organics (DRO)		10400	mg/kg	66	-106	60	140	4.1	20	SO
Surr: o-Terphenyl				66	191	59.8	128			SO
Run: FID2-C_140320A 03/20/14 19:46										

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

O - Diluted out.

S - Spike recovery outside of advisory limits.



QA/QC Summary Report

Prepared by Casper, WY Branch

Client: Wesco Operating Inc

Report Date: 03/28/14

Project: Two Horse Butte 42-32-Pit

Work Order: C14030468

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW8015B								Analytical Run: R184798		
Lab ID: CCV_0325HP202r	2 Continuing Calibration Verification Standard									
Total Purgeable Hydrocarbons		21.6	mg/kg	2.0	108	85	115			03/25/14 09:28
Surr: Trifluorotoluene				0.40	97	70	130			
Lab ID: CCV_0325HP220r								Analytical Run: R184798		
Lab ID: CCV_0325HP220r	2 Continuing Calibration Verification Standard									
Total Purgeable Hydrocarbons		20.0	mg/kg	2.0	100	85	115			03/25/14 19:58
Surr: Trifluorotoluene				0.40	91	70	130			
Method: SW8015B								Analytical Run: R184829		
Lab ID: CCV_0326HP202r	2 Continuing Calibration Verification Standard									
Total Purgeable Hydrocarbons		19.4	mg/kg	2.0	97	85	115			03/26/14 09:36
Surr: Trifluorotoluene				0.40	107	70	130			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



Workorder Receipt Checklist

Wesco Operating Inc

C14030468

Login completed by: Dorian Quis

Date Received: 3/17/2014

Reviewed by: BL2000\khelm

Received by: dw

Reviewed Date: 3/18/2014

Carrier Hand Del name:

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on all shipping container(s)/cooler(s)? Yes No Not Present
- Custody seals intact on all sample bottles? Yes No Not Present
- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time?
(Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.) Yes No
- Temp Blank received in all shipping container(s)/cooler(s)? Yes No Not Applicable
- Container/Temp Blank temperature: 15.8°C No Ice
- Water - VOA vials have zero headspace? Yes No No VOA vials submitted
- Water - pH acceptable upon receipt? Yes No Not Applicable

Standard Reporting Procedures:

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as -dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

Contact and Corrective Action Comments:

None



Chain of Custody and Analytical Request Record

PLEASE PRINT (Provide as much information as possible.)

Company Name: <i>Wesco Operating INC</i>	Project Name, PWS, Permit, Etc. <i>Two Horse Butte 42-32 P.T</i>	Sample Origin State: <i>Utah</i>	EPA/State Compliance: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Report Mail Address (Required):	Contact Name: <i>Scott Kerr</i>	Phone/Fax: <i>307-577-5336</i>	Cell: <i>Scott Kerr</i>
<input type="checkbox"/> No Hard Copy Email:	Invoice Contact & Phone:	Purchase Order:	Quote/Bottle Order:

Invoice Address (Required):

No Hard Copy Email:

Special Report/Formats:

DW EDD/EDT (Electronic Data)
 POTW/WWTP **Format:** _____
 State: _____ LEVEL IV
 Other: _____ NELAC

Number of Containers Sample Type: A W S V B O DW Air Water Soils/Solids Vegetation Bioassay Other DW - Drinking Water	ANALYSIS REQUESTED										SEE ATTACHED Standard Turnaround (TAT)	R U S H	Contact ELI prior to RUSH sample submittal for charges and scheduling - See Instruction Page	Comments:	Shipped by: <i>Hend</i>	Cooler ID(s):	Receipt Temp <i>15.8°C</i>	On Ice: Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	Custody Seal On Bottle Y <input checked="" type="checkbox"/> N <input type="checkbox"/> On Cooler Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	Intact Y N Signature Match Y N
	MATRIX																			
	<i>SB-1</i>	<i>7-9'</i>	<i>3-13-14</i>	<i>1145</i>	<i>S</i>	<i>X</i>	<i>F</i>													
	<i>SB-2</i>	<i>6-8'</i>	<i>3-13-14</i>	<i>1215</i>	<i>S</i>	<i>X</i>	<i>X</i>													
	<i>SB-3</i>	<i>6-8'</i>	<i>3-13-14</i>	<i>1230</i>	<i>S</i>	<i>X</i>	<i>X</i>													
	<i>SB-4</i>	<i>6-8'</i>	<i>3-13-14</i>	<i>1245</i>	<i>S</i>	<i>X</i>	<i>X</i>													
	<i>Background</i>		<i>3-13-14</i>	<i>1250</i>	<i>S</i>	<i>X</i>	<i>X</i>							<i>C14030468</i>						

Custody Record MUST be Signed	Relinquished by (print): <i>Scott Kerr</i>	Date/Time: <i>3-17-1316</i>	Signature: <i>[Signature]</i>	Received by (print):	Date/Time:	Signature:
	Relinquished by (print):	Date/Time:	Signature:	Received by (print):	Date/Time:	Signature:
	Sample Disposal: Return to Client:	Lab Disposal:	Received by Laboratory: <i>[Signature]</i>	Date/Time: <i>3-17-14</i>	Signature: <i>1317</i>	

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All sub-contract data will be clearly notated on your analytical report. Visit our web site at www.energylab.com for additional information, downloadable fee schedule, forms, and links.