Form 3160-3
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

APPLICATION FOR PERMIT TO DRILL OR REENTER

006

CONFIDENTIAL

1a. Type of Work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

5. Lease Serial No.
UTU81003

6. If Indian, Allottee or Tribe Name

7. If Unit or CA Agreement, Name and No.

8. Lease Name and Well No.
RB DS FED 14G-8-10-18

2. Name of Operator
QEP UINTA BASIN INC

Contact: JOHN BUSCH
E-Mail: john.busch@questar.com

9. API Well No.
43-047-35933-00-X1

3a. Address
11002 EAST 17500 SOUTH
VERNAL, UT 84078

3b. Phone No. (include area code)
Ph: 435.781.4341
Fx: 435.781.4323

10. Field and Pool, or Exploratory
DESERT SPRING

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*

At surface SESW 461FSL 1783FWL 39.95247 N Lat, 109.92037 W Lon

At proposed prod. zone

11. Sec., T., R., M., or Blk. and Survey or Area
Sec 8 T10S R18E Mer SLB
SME: BLM

14. Distance in miles and direction from nearest town or post office*
23 + / - MILES SOUTHEAST OF MYTON, UTAH

12. County or Parish
UINTAH

13. State
UT

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)
461 + / -

16. No. of Acres in Lease
1199.43

17. Spacing Unit dedicated to this well
40.00

18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.
4875 + / -

19. Proposed Depth
5050 MD

20. BLM/BIA Bond No. on file

21. Elevations (Show whether DF, KB, RT, GL, etc.
5206 GL

22. Approximate date work will start

23. Estimated duration
10 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.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature
(Electronic Submission)

Name (Printed/Typed)
JOHN BUSCH

Date
09/08/2004

Title
OPERATIONS

Approved by (Signature)
(Electronic Submission)

Name (Printed/Typed)
HOWARD B CLEAVINGER II

Date
11/03/2004

Title
AFM FOR MINERAL RESOURCES

Office
Vernal

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

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

Additional Operator Remarks (see next page)

Electronic Submission #35831 verified by the BLM Well Information System
For QEP UINTA BASIN INC, sent to the Vernal
Committed to AFMSS for processing by LESLIE WALKER on 09/10/2004 (04LW4930AE)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

Additional Operator Remarks:

NO REMARK PROVIDED

Revisions to Operator-Submitted EC Data for APD #35831

	Operator Submitted	BLM Revised (AFMSS)
Lease:	UTU-81003	UTU81003
Agreement:		
Operator:	QEP UINTA BASIN, INC. 11002 E. 17500 S. VERNAL, UT 84078 Ph: 435.781.4341 Fx: 435.781.4323	QEP UINTA BASIN INC 11002 EAST 17500 SOUTH VERNAL, UT 84078 Ph: 435.781.4300
Admin Contact:	JOHN BUSCH OPERATIONS 11002 E. 17500 S. VERNAL, UT 84078 Ph: 435.781.4341 Fx: 435.781.4323 E-Mail: john.busch@questar.com	JOHN BUSCH OPERATIONS 11002 EAST 17500 SOUTH VERNAL, UT 84078 Ph: 435.781.4341 Fx: 435.781.4323 E-Mail: john.busch@questar.com
Tech Contact:		
Well Name:	RB DS FED.	RB DS FED
Number:	14G-8-10-18	14G-8-10-18
Location:		
State:	UT	UT
County:	UINTAH	UINTAH
S/T/R:	Sec 8 T10S R18E Mer SLB	Sec 8 T10S R18E Mer SLB
Surf Loc:	SESW 461FSL 1783FWL 39.95247 N Lat, 109.92037 W Lon	SESW 461FSL 1783FWL 39.95247 N Lat, 109.92037 W Lon
Field/Pool:	DESERT SPRINGS	DESERT SPRING
Bond:	ESB000024	

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: QEP-UINTA BASIN, INC.

Well Name & Number: RB DS FEDERAL 14G-8-10-18

API Number: 43-047-35933

Lease Number: UTU - 81003

Location: SESW Sec. 8 TWN: 10S RNG: 18E

Agreement: N/A

NOTIFICATION REQUIREMENTS

Location Construction	-	At least forty-eight hours prior to construction of the location or access roads.
Location Completion	-	Prior to moving on the drilling rig.
Spud Notice	-	At least twenty-four (24) hours prior to spudding the well.
Casing String and Cementing	-	At least twenty-four (24) hours prior to running casing and cementing all casing strings.
BOP and Related Equipment Tests	-	At least twenty-four (24) hours prior to initiating pressure tests.
First Production Notice	-	Within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

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 & Gas Orders, 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.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

   Report ALL water shows and water-bearing sands encountered while drilling to John Mayers of this office prior to setting the next casing or requesting plugging orders. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

   All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

   The BOP and related equipment shall meet the minimum requirements of Onshore Oil & Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **3M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

   Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

   If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil & Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

   Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

   As a minimum, the usable water resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Green River Formation, identified at ± 912 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs 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 vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

Submit an electronic copy of all logs run on this well in LAS format. This submission will replace the requirement for submittal of paper logs to the BLM.

A cement bond log (CBL) will be run from the production casing shoe to the top of the cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

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.

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.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

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 communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5(d) shall be submitted to the appropriate Field Office within 60 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 43 CFR 3162.7-5 (1).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted on initial meter installations and at least quarterly thereafter. The AO

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 will be submitted to the Vernal Field Office. All meter measurement facilities will conform to Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover 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.

"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.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to $10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Ed Forsman (435) 828-7874
Petroleum Engineer

Kirk Fleetwood (435) 828-7875
Petroleum Engineer

BLM FAX Machine (435) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids
Gas plant cooling tower cleaning wastes
Painting wastes
Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spend solvents, spilled chemicals, and waste acids
Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
Refinery wastes
Liquid and solid wastes generated by crude oil and tank bottom reclaimers
Used equipment lubrication oils
Waste compressor oil, filters, and blowdown
Used hydraulic fluids
Waste solvents
Waste in transportation pipeline-related pits
Caustic or acid cleaners
Boiler cleaning wastes
Boiler refractory bricks
Incinerator ash
Laboratory wastes
Sanitary wastes
Pesticide wastes
Radioactive tracer wastes
Drums, insulation and miscellaneous solids

THERE ARE NO ADDITIONAL CONDITIONS FOR THE SURFACE USE PROGRAM.

Form 3160-3
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0136
Expires November 30, 2000

001

APPLICATION FOR PERMIT TO DRILL OR REENTER

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5. Lease Serial No.
UTU-81003

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

7. If Unit or CA Agreement, Name and No.
~~N/A~~ Willow Ridge

8. Lease Name and Well No.
RB DS FED. 14G-8-10-18

1a. Type of Work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator
QEP UINTA BASIN, INC.

Contact: JOHN BUSCH
E-Mail: john.busch@questar.com

9. API Well No.
43-047-35933

3a. Address
11002 E. 17500 S.
VERNAL, UT 84078

3b. Phone No. (include area code)
Ph: 435.781.4341
Fx: 435.781.4323

10. Field and Pool, or Exploratory
~~DESERT SPRINGS~~ 695
Ute land Buttes

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*

At surface SESW 461FSL 1783FWL 39.95247 N Lat, 109.92037 W Lon

At proposed prod. zone 592249X 4422819Y 39.95237 -109.92008

11. Sec., T., R., M., or Blk. and Survey or Area
Sec 8 T10S R18E Mer SLB

14. Distance in miles and direction from nearest town or post office*
23 + / - MILES SOUTHEAST OF MYTON, UTAH

12. County or Parish
UINTAH

13. State
UT

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)
461 + / -

16. No. of Acres in Lease
1199.43

17. Spacing Unit dedicated to this well
40.00

18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft.
4875 + / -

19. Proposed Depth
5050 MD

20. BLM/BIA Bond No. on file
ESB000024

21. Elevations (Show whether DF, KB, RT, GL, etc.
5206 GL

22. Approximate date work will start

23. Estimated duration
10 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.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature
John Busch

Name (Printed/Typed)
JOHN BUSCH

Date
09/08/2004

Title
OPERATIONS

Approved by (Signature)

Name (Printed/Typed)

Date

Title

Office

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

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

Electronic Submission #35831 verified by the BLM Well Information System
For QEP UINTA BASIN, INC., will be sent to the Vernal

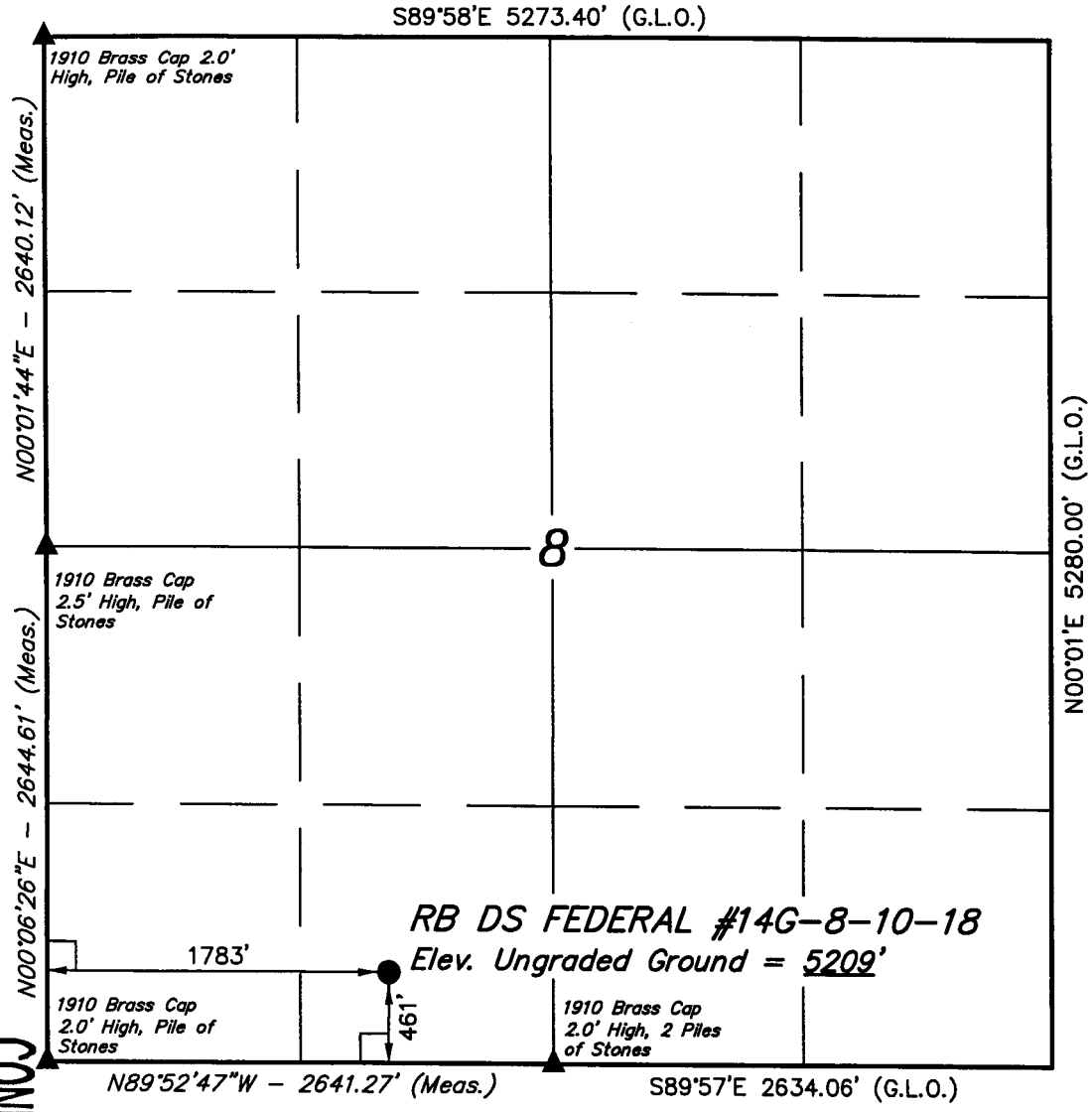
RECEIVED
SEP 13 2004
DIV. OF OIL, GAS & MINING

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 9-16-04
BY:

CONFIDENTIAL

Federal Approval of this Action is Necessary

T10S, R18E, S.L.B.&M.



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LEGEND:

⊥ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

(AUTONOMOUS NAD 83)

LATITUDE = 39°57'08.90" (39.952472)

LONGITUDE = 109°55'13.33" (109.920369)

QUESTAR EXPLORATION & PRODUCTION

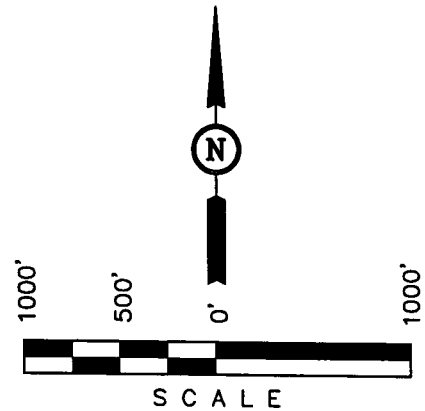
Well location, RB DS FEDERAL #14G-8-10-18, located as shown in the SE 1/4 SW 1/4 of Section 8, T10S, R18E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

TRIANGULATION STATION FLUK VABM LOCATED IN THE SOUTHEAST CORNER OF SECTION 32, T9S, R18E, S.L.B.&M. TAKEN FROM THE CROW KNOLL QUADRANGLE, UTAH, UINTAH COUNTY 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5244 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.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REGISTERED LAND SURVEYOR NO. 161319 ROBERT L. KAY STATE OF UTAH

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

SCALE 1" = 1000'	DATE SURVEYED: 08-23-04	DATE DRAWN: 08-26-04
PARTY D.A. T.A. D.COX	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE QUESTAR EXPLORATION & PRODUCTION	

Additional Operator Remarks

QEP, Uinta Basin Inc. proposes to drill a well to 5050' to test the Wasatch. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements

See attached 8-point drilling program.

See Multi point surface use program.

Please be advised that QEP, Uinta Basin Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No.ESB000024. The principal is QEP, Uinta Basin Inc. via surety as consent as provided for the 43 CFR 3104.2.

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DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal 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 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. Formation Tops

The estimated tops of important geologic markers are as follows:

Formation	Depth	Prod. Phase Anticipated
Uinta	Surface	
Green River	1100'	
Wasatch	4906'	Oil
TD	5050'	

2. Anticipated Depths of Oil Gas Water and Other Mineral Bearing Zones

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

Substance	Formation	Depth
Oil/Gas	Wasatch	5050'

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If no flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Myton City or Joe Shields in Pleasant Valley to supply fresh water for drilling purposes.

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DRILLING PROGRAM

3. Operator's Specification for Pressure Control Equipment:

A. 3,000 psi W.P. Double Gate BOP or Single Gate BOP (schematic attached)

B. Functional test daily

C. All casing strings shall be pressure tested (0.2 psi/foot or 1500 psi, whichever is greater) prior to drilling the plug after cementing; test pressure shall not exceed the internal yield pressure of the casing.

D. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc…, for a 3M system and individual components shall be operable as designed.

4. Casing Program

	Depth	Hole Size	Csg Size	Type	Weight
Surface	450'	12 1/4"	9-5/8"	K-55	36 lb/ft (new) LT&C
TD	5050'	7 –7/8"	5 –1/2"	J-55	15.50lb/ft (new)LT&C

5. Auxiliary Equipment

A. Kelly Cock – yes

B. Float at the bit – no

C. Monitoring equipment on the mud system – visually and/or PVT/Flow Show

D. Full opening safety valve on the rig floor – yes

E. Rotating Head – yes

If drilling with air the following will be used:

F. The blooie line shall be at least 6" in diameter and extend at least 100' from the well bore into the reserve/blooie pit.

G. Blooie line ignition shall be provided by a continuous pilot (ignited when drilling below 500').

H. Compressor shall be tied directly to the blooie line through a manifold.

CONFIDENTIAL

DRILLING PROGRAM

I. A mister with a continuous stream of water shall be installed near the end of the blooie lines for dust suppression.

6. Surface hole will be drilled with air, air/mist, foam, or mud depending on hole conditions. Drilling below surface casing will be with water based drilling fluids consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used, oil concentration will be less than 4% by volume. Maximum anticipated mud weight is 9.5 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow Show will be used from base of surface casing to TD.

Gas detector will be used from surface casing depth to TD.

6. <u>Testing, logging and coring program</u>

A. Cores – none anticipated

B. DST – none anticipated

Logging – Mud logging – 4500 to TD
GR-SP-Induction
Neutron Density
MRI

C. Formation and Completion Interval: Wasatch interval, final determination 0f completion will be made by analysis of logs.
Stimulation – Stimulation will be designed for the particular area of interest as encountered.

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DRILLING PROGRAM

7. Cementing Program

Casing	Volume	Type & Additives
Surface	257 sx	Class "G" single slurry mixed to 15.6 ppg, yield = 1.19 cf/sx. Fill to surface with 160 cf (685 sx) calculated. Tail plug used. Allowed to set under pressure
Production	Lead-504sx* Tail-206sx*	Lead/Tail oilfield type cement circulated in place . Tail slurry: Class "G" + gilsonite and additives as required, mixed to 14.8 ppg, yield = 1.34 cf/sx. Fill to 4366' (±500' above top of Green River). Cement Characteristics: Lead slurry: Class "G" + extender and additives as required, mixed to 11.0 ppg, yield = 3.82 cf/sx. Fill to surface. Tail plug used. Allowed to set under pressure.

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

8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

No abnormal temperatures or pressures are anticipated. No H2S has been encountered in or known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom hole pressure equals approximately 2190 psi. Maximum anticipated bottom hole temperature is 140° F.

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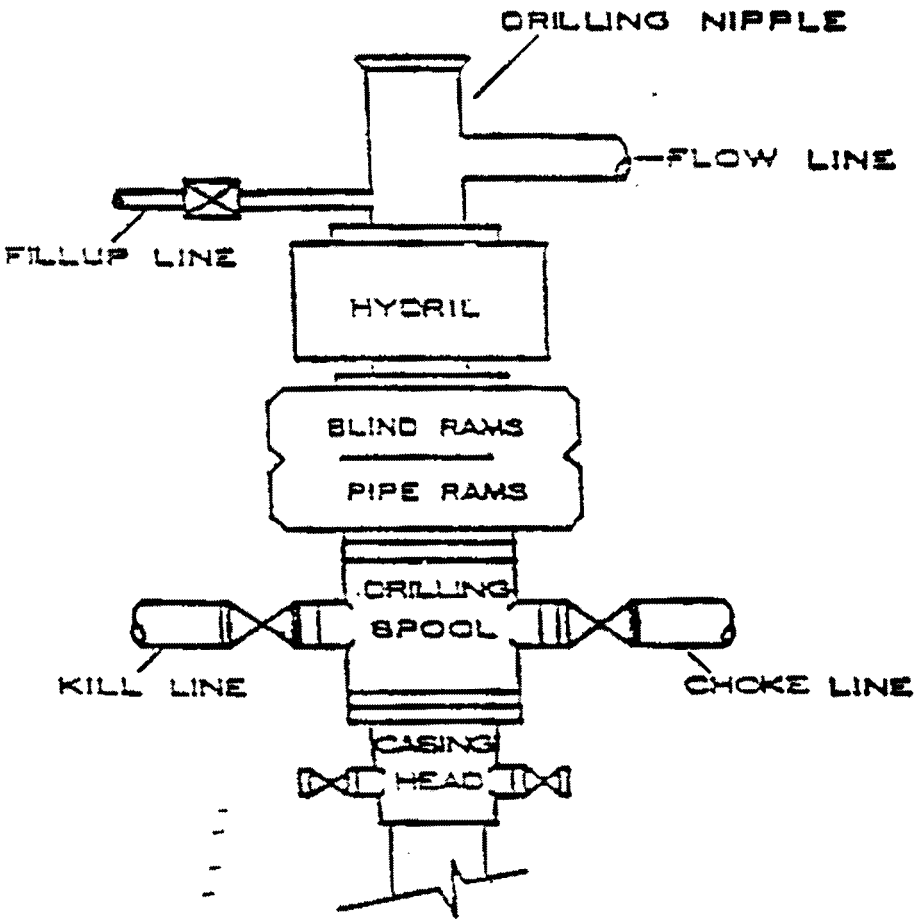
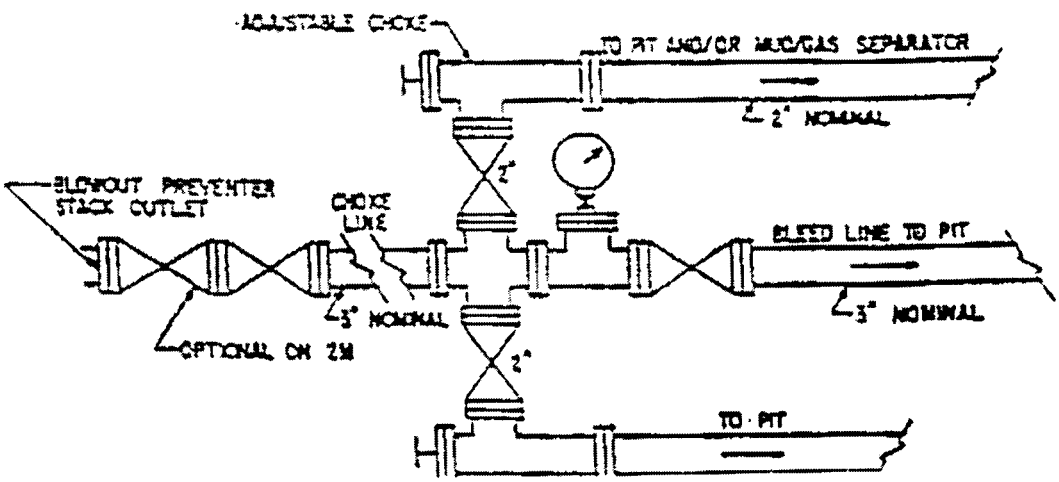
DRILLING PROGRAM

SCHEMATIC DIAGRAM OF 3,000 PSI BOP STACK





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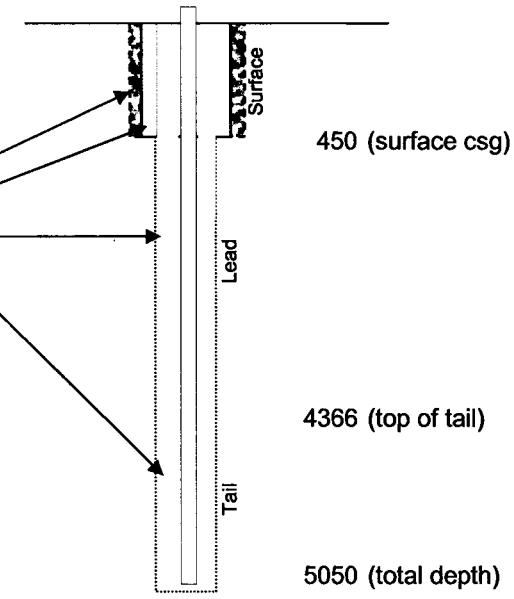
Cement Calculations V2

x-rg (3jul01)

Interval	wo factor	hole dia	csg dia	cf/f	yield	sxs/ft	feet	sxs
Surf Csg	1.2	12.25	9.625	0.673	1.18	0.571	450	257
Lead1	1.2	9.625	4.5	0.617	3.81	0.162	450	73
Lead2	1.2	7.875	4.5	0.377	3.81	0.099	4366	432
Tail	1.2	7.875	4.5	0.377	1.25	0.301	684	206

surf csg	257 sxs
total lead	504 sxs
total tail	206 sxs
total	967 sxs



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QEP UINTA BASIN, INC.
RB DS FEDERAL # 14G-8-10-18
461' FSL 1783' FWL
SESW SECTION 8, T10S, R18E
UINTAH COUNTY, UTAH
LEASE # UTU-81003

ONSHORE ORDER NO. 1

MULTI – POINT SURFACE USE & OPERATIONS PLAN

An onsite inspection was conducted for the RB DS FED. 14G-8-10-18 on September 1, 2004. Weather conditions were sunny and clear at the time of the onsite. In attendance at the inspection were the following individauls:

Paul Buhler	Bureau of Land Management
Dixie Sadleir	Bureau of Land Management
Amy Torres	Bureau of Land Management
Jan Nelson	QEP Uinta Basin Inc.
Kathy Mergens	QEP Uinta Basin Inc.

1. **Existing Roads:**

The proposed well site is approximately 23 miles Southeast of Myton, Utah.

Refer to Topo Maps A and B for location of access roads within a 2 – mile radius.

There will be no improvements made to existing access roads.

2. **Planned Access Roads:**

Refer to Topo Map B for the location of the proposed access road.

3. **Location of Existing Wells Within a 1 – Mile Radius:**

Please refer to Topo Map C.

4. **Location of Existing & Proposed Facilities:**

Product will be contained in tanks and transported from location.

5. **Location and Type of Water Supply:**

Fresh water drilling fluids will be obtained from Myton City or Joe Shields from Pleasant Valley.

6. **Source of Construction Materials:**

Surface and subsurface materials in the immedoate area will be utlized. Any gravel will be obtained from a commercial source.

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7. **Methods of Handling Waste Materials:**

Drill cuttings will be contained and buried in the reserve pit. Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be used at the next drill site or will be removed and disposed of at an approved waste disposal facility with 120 days after drilling is terminated. Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

After first production, produced wastewater will be confined to the approved pit or storage tank for a period not to exceed 90 days. During the 90 day period, in accordance with Onshore Order #7, all produced water will be contained in tanks on location and then hauled to Wonsits Valley location in SWNW section 12, T8S, R21E; or Red Wash Disposal Well located in NESW, Section 28, T7S, R22E; or, Red Wash Central Battery Disposal located in SWSE, Section 27, T7S, R23E. Pit reclamation for lined pit will be ruptured when emptied to allow the remaining liquid to be adequately mixed and to promote additional drying of the pit area.

8. **Ancillary Facilities:**

None anticipated.

9. **Well Site Layout:** (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

A pit liner is required. A felt pit liner will be required if bedrock is encountered.

10. **Plans for Reclamation of the Surface:**

Topsoil will be stripped and salvaged to provide for sufficient quantities to be respread to a depth of at least 4 to 6 inches over the disturbed areas to be reclaimed. Topsoil shall be stock piled separately from subsoil materials. Topsoil salvaged from the reserve pit shall be stockpiled separately near the reserve pit. Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production. Alternatively, the pit will be pumped dry, the liner folded into the pit, and the pit backfilled. The reserve pit will be reclaimed within 120 days from the date of well completion, weather permitting.

Seed Mix: # 5 12 lbs per acre
4lbs-Gardner Saltbush
4lbs - Shadscale
4lb - Hycrested Wheat

11. **Surface Ownership:**

Bureau of Land Management
170 South 500 East
Vernal, Utah 84078
(435) 781-4400

12. **Other Information**

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted directly to the appropriate agencies by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

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Lessee's or Operator's Representative:

John Busch
Red Wash Operations Rep.
QEP Uinta Basin Inc.
11002 East 17500 South
Vernal, Utah 84078
(435) 781-4341

Certification:

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 & Gas Orders, the approved plan of operations, and any applicable Notice to Lessees.

QEP Uinta Basin, Inc. will be fully responsible for the actions of their subcontractors.

A complete copy of the approved Application for Permit to Drill will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by QEP Uinta Basin, Inc. its' contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

John Busch
John Busch
Red Wash Operations Representative

08-Sep-04
Date

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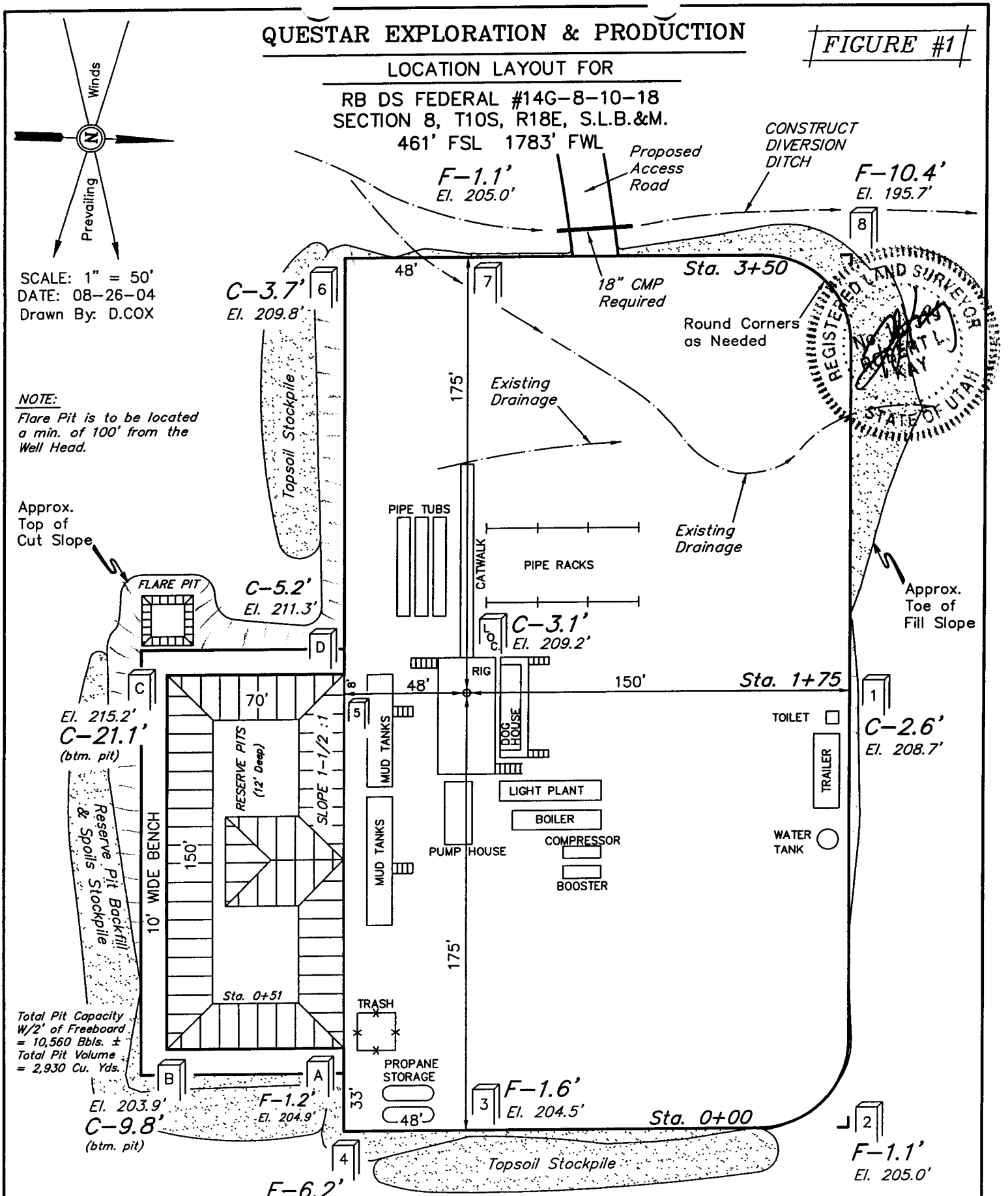
QUESTAR EXPLORATION & PRODUCTION

LOCATION LAYOUT FOR

RB DS FEDERAL #14G-8-10-18
SECTION 8, T10S, R18E, S.L.B.&M.
461' FSL 1783' FWL

FIGURE #1



NOTES:

Elev. Ungraded Ground At Loc. Stake = 5209.2'

FINISHED GRADE ELEV. AT LOC. STAKE = 5206.1'

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

QUESTAR EXPLORATION & PRODUCTION

FIGURE #2

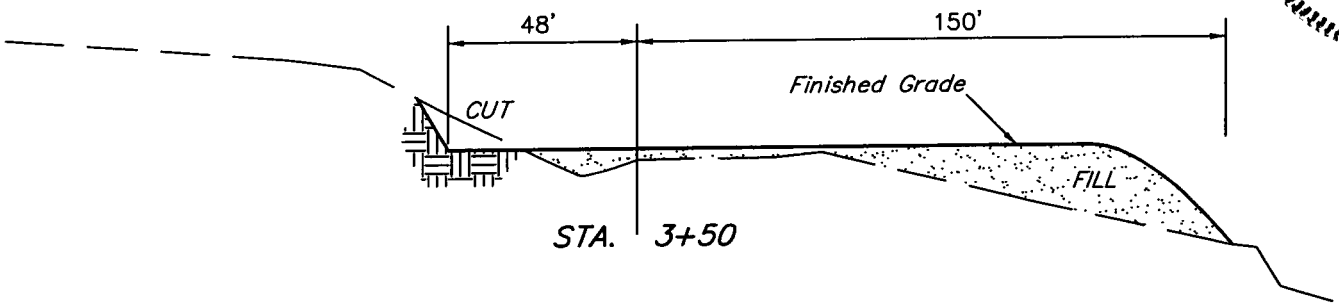
TYPICAL CROSS SECTIONS FOR

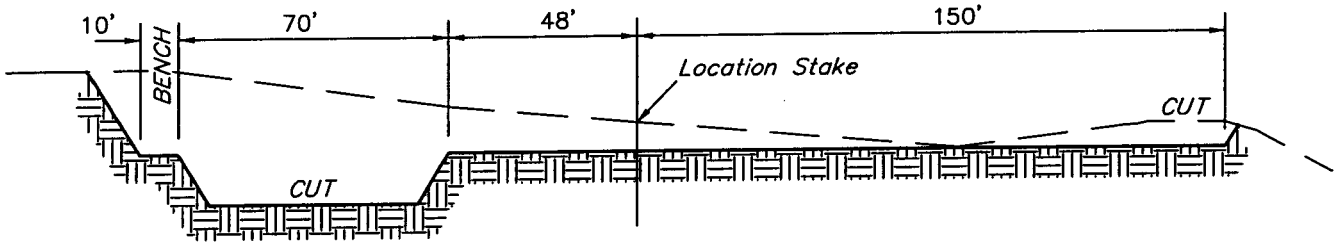
RB DS FEDERAL #14G-8-10-18
SECTION 8, T10S, R18E, S.L.B.&M.
461' FSL 1783' FWL

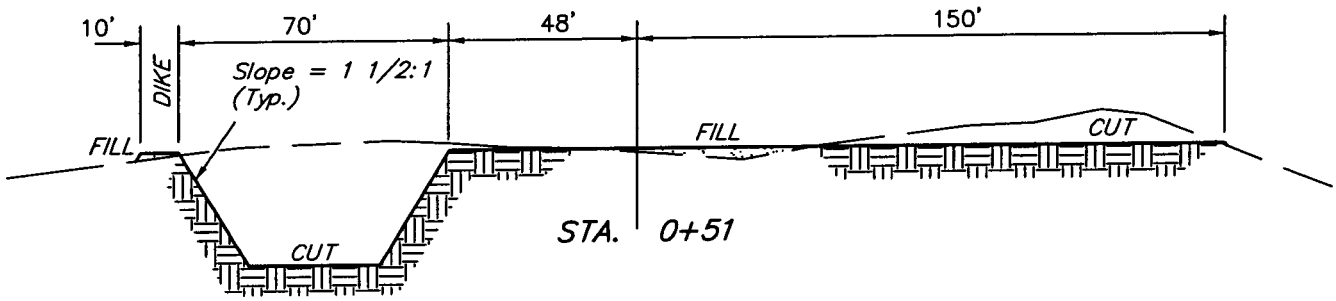
1" = 20'
X-Section Scale
1" = 50'

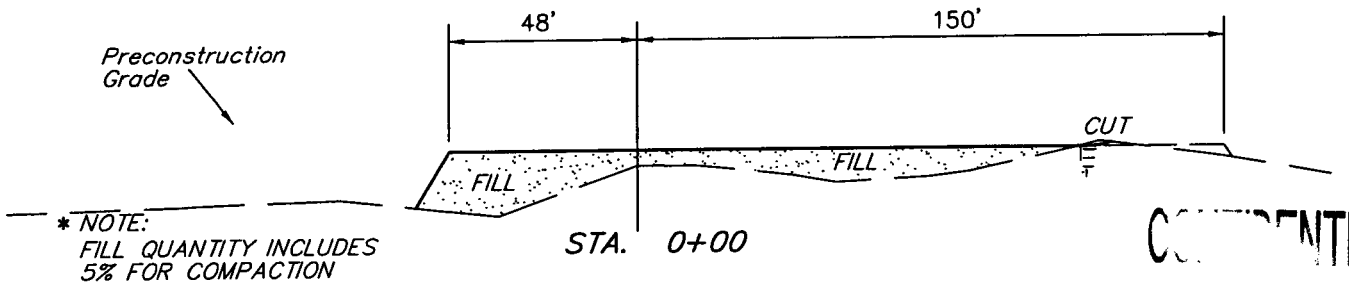
DATE: 08-26-04
Drawn By: D.COX

REGISTERED LAND SURVEYOR No. 161319 ROBERT L. KAY STATE OF UTAH









* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

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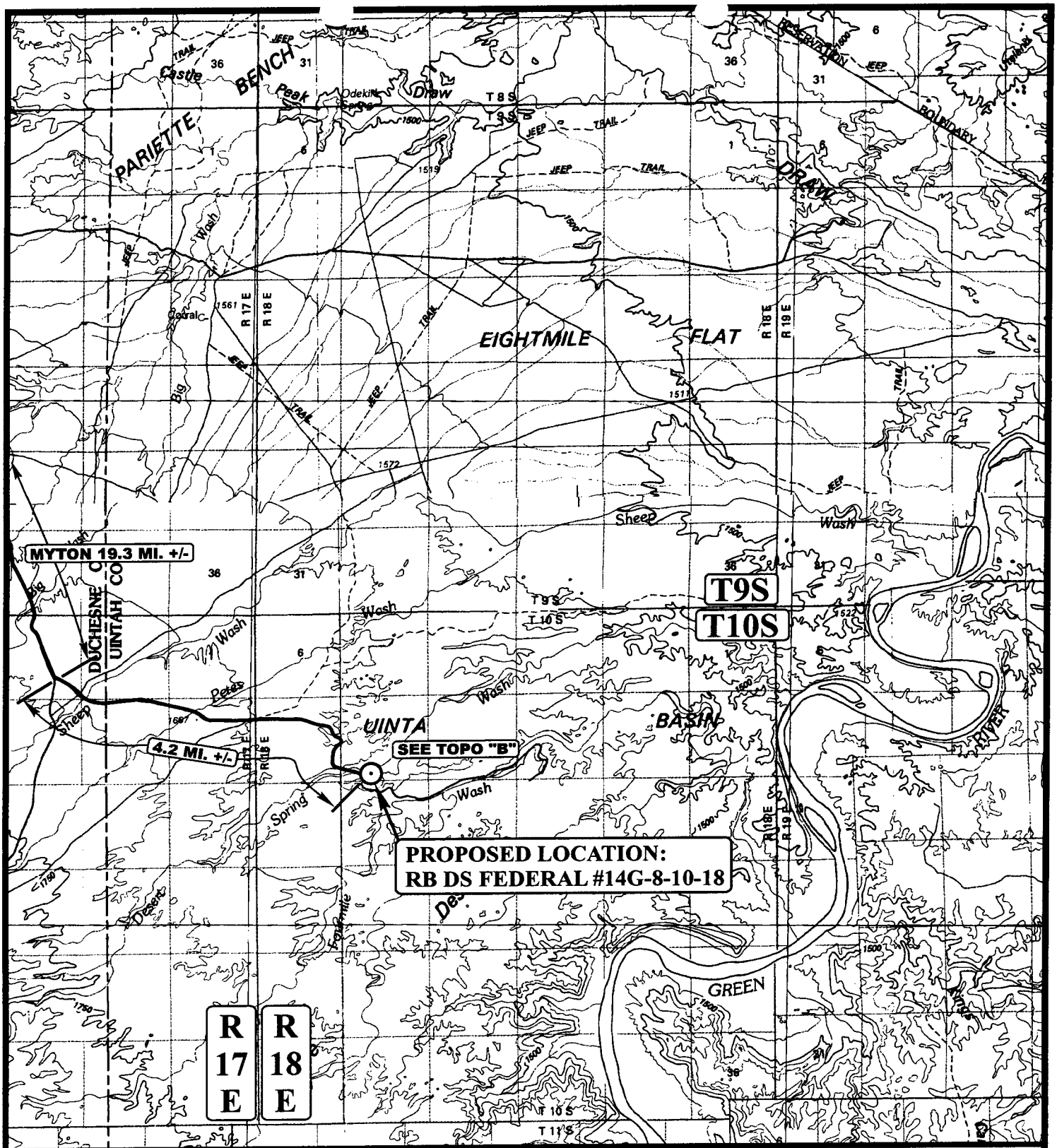
APPROXIMATE YARDAGES

CUT

(6") Topsoil Stripping	=	1,760	Cu. Yds.
Remaining Location	=	8,350	Cu. Yds.
TOTAL CUT	=	10,110	CU.YDS.
FILL	=	6,920	CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION	=	3,190	Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	3,190	Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	=	0	Cu. Yds.

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



LEGEND:

⊙ PROPOSED LOCATION

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N

QUESTAR EXPLR. & PROD.

RB DS FEDERAL #14G-8-10-18
SECTION 8, T10S, R18E, S.L.B.&M.
461' FSL 1783' FWL

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

TOPOGRAPHIC MAP	08 MONTH	25 DAY	04 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: P.M.	REVISED: 00-00-00		

QUESTAR EXPLR. & PROD.

RB DS FEDERAL #14G-8-10-18

LOCATED IN UINTAH COUNTY, UTAH
SECTION 8, T10S, R18E, S.L.B.&M.

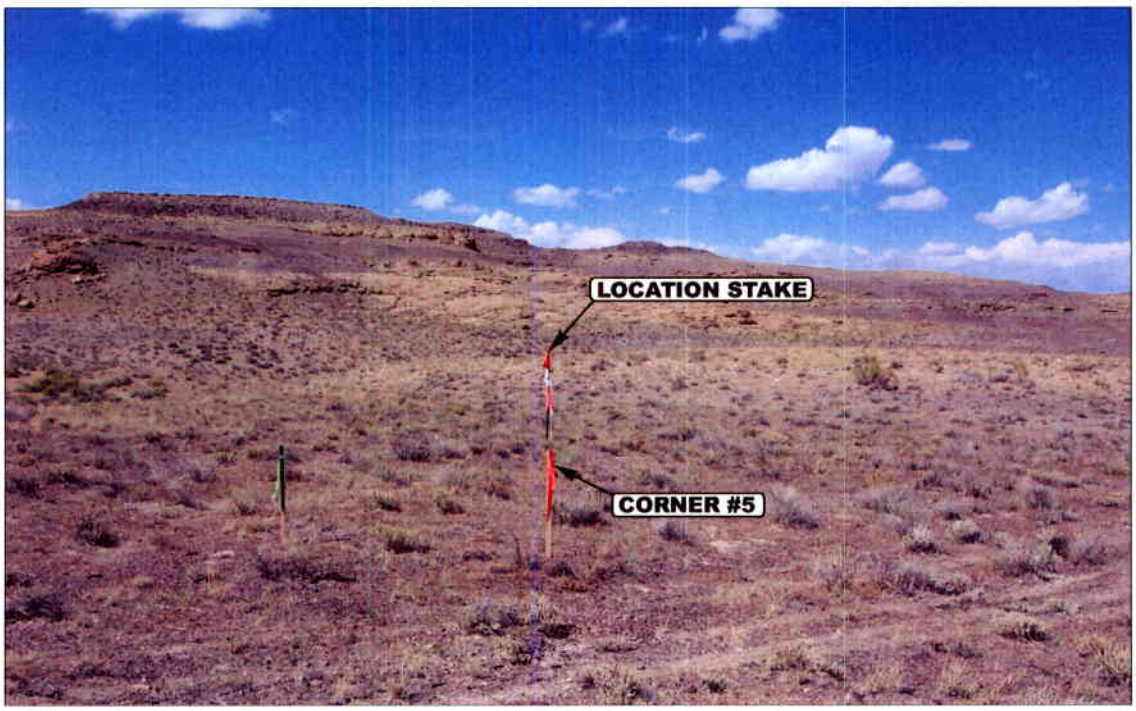

PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE **CAMERA ANGLE: NORTHERLY**

PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS **CAMERA ANGLE: NORTHEASTERLY**

- Since 1964 -

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

LOCATION PHOTOS	08 MONTH	25 DAY	04 YEAR	PHOTO
TAKEN BY: D.A.	DRAWN BY: P.M.	REVISED: 00-00-00		

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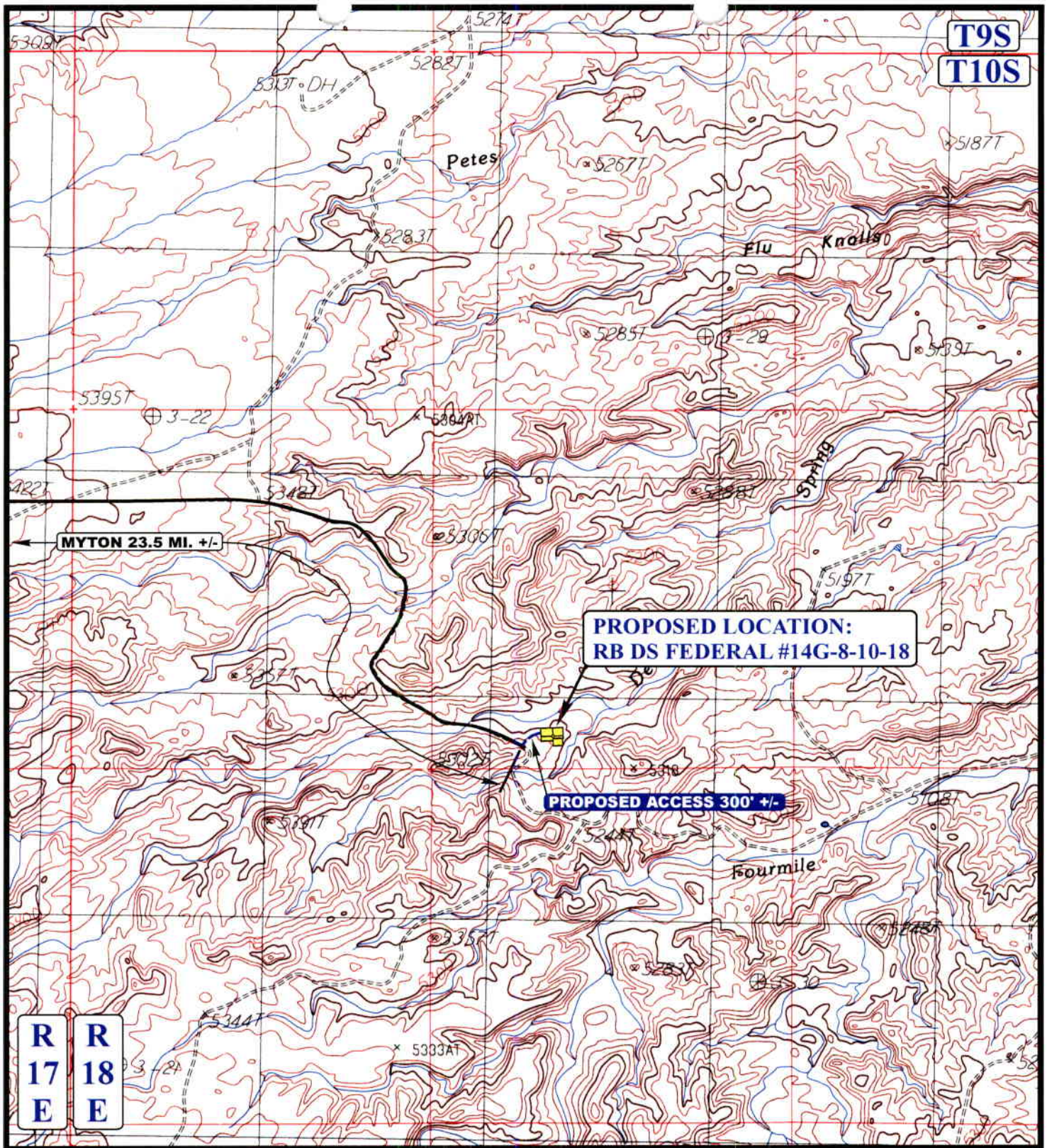

LEGEND:

EXISTING ROAD

PROPOSED ACCESS ROAD

N

QUESTAR EXPLR. & PROD.

RB DS FEDERAL #14G-8-10-18
SECTION 8, T10S, R18E, S.L.B.&M.
461' FSL 1783' FWL

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

TOPOGRAPHIC MAP	08 MONTH	25 DAY	04 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: P.M.	REVISED: 00-00-00		

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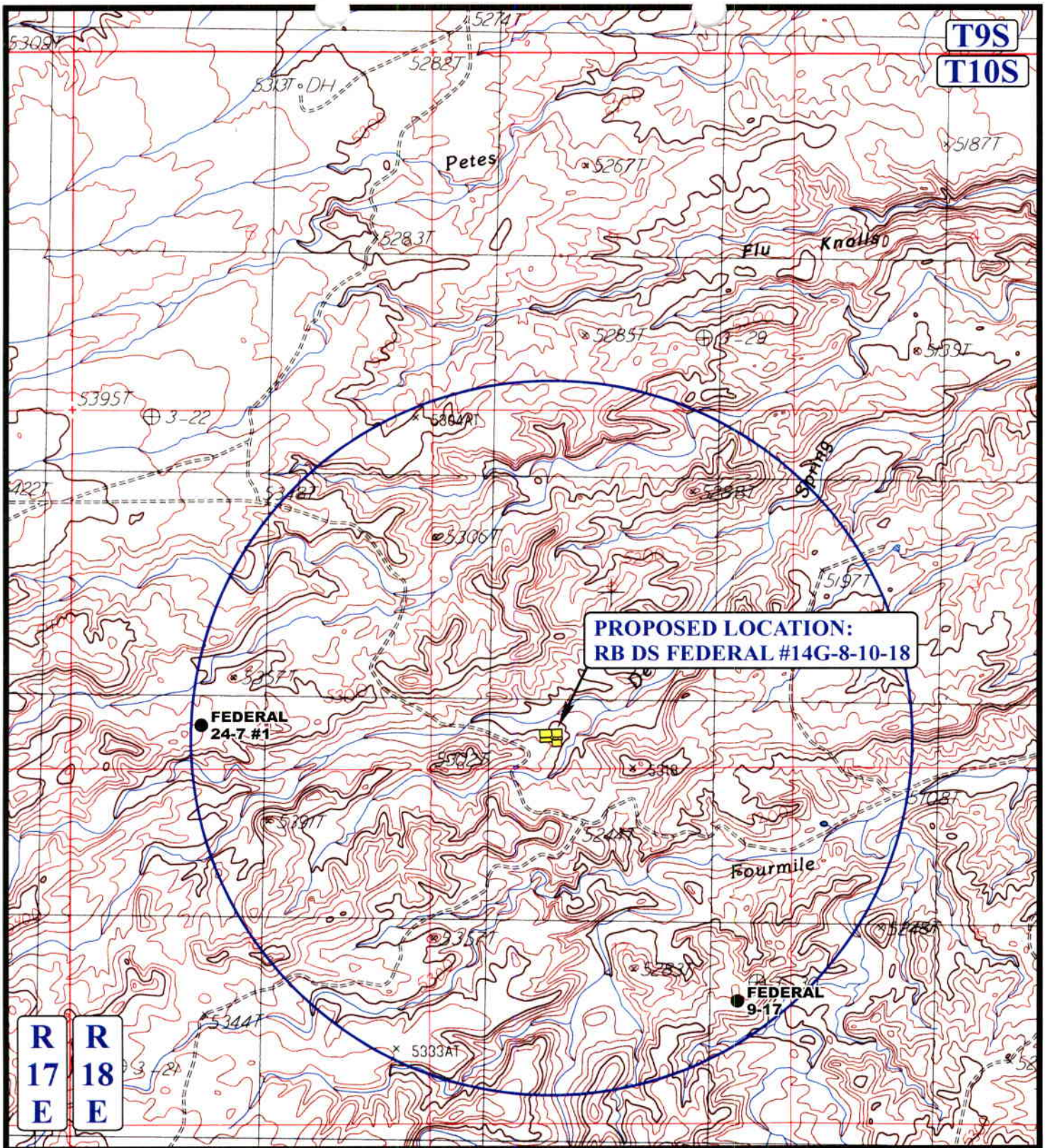

LEGEND:

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

N

QUESTAR EXPLR. & PROD.

RB DS FEDERAL #14G-8-10-18
SECTION 8, T10S, R18E, S.L.B.&M.
461' FSL 1783' FWL

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

TOPOGRAPHIC MAP	08 MONTH	25 DAY	04 YEAR	C TOPO
SCALE: 1" = 2000'	DRAWN BY: P.M.	REVISED: 00-00-00		

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004

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 09/13/2004

API NO. ASSIGNED: 43-047-35933

WELL NAME: RB DS FED 14G-8-10-18
OPERATOR: QEP UINTA BASIN, INC. (N2460)
CONTACT: JOHN BUSCH

PHONE NUMBER: 435-781-4341

PROPOSED LOCATION:
SESW 08 100S 180E
SURFACE: 0461 FSL 1783 FWL
BOTTOM: 0461 FSL 1783 FWL
UINTAH
UTELAND BUTTE (695)

LEASE TYPE: 1 - Federal
LEASE NUMBER: UTU-81003
SURFACE OWNER: 1 - Federal
PROPOSED FORMATION: WSTC
COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 39.95237
LONGITUDE: -109.9201

RECEIVED AND/OR REVIEWED:

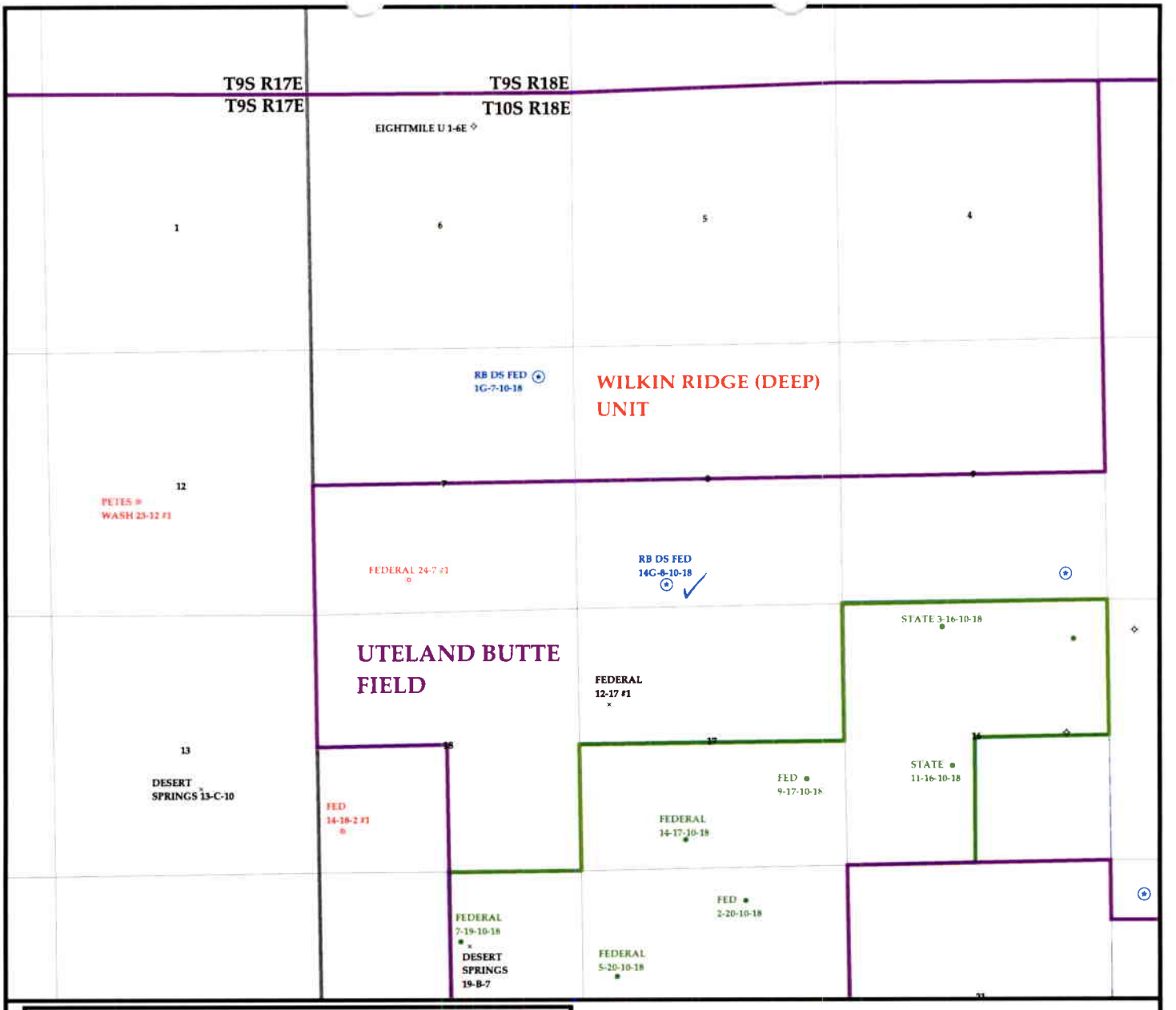
✓ Plat
✓ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. ESB000024)
N Potash (Y/N)
N Oil Shale 190-5 (B) or 190-3 or 190-13
✓ Water Permit
(No. JOHNSON)
N RDCC Review (Y/N)
(Date:)
Na Fee Surf Agreement (Y/N)

LOCATION AND SITING:

____ R649-2-3.
Unit WILKINS RIDGE DEEP * NON PA
✓ 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 Stip



OPERATOR: QEP UINTA BASIN INC (N2460)

SEC. 8 T.10S R.18E

FIELD: WILKIN RIDGE (695)

COUNTY: UINTAH

SPACING: R649-3-2 / GENERAL SITING

Utah Oil Gas and Mining

Wells
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL

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

Fields.shp
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

N
W E
S

PREPARED BY: DIANA WHITNEY
DATE: 20-SEPTEMBER-2004

15

State of Utah

Department of Natural Resources

ROBERT L. MORGAN
Executive Director

Division of Oil, Gas & Mining

LOWELL P. BRAXTON
Division Director

OLENE S. WALKER
Governor

GAYLE F. McKEACHNIE
Lieutenant Governor

September 16, 2004

QEP Uinta Basin, Inc.
11002 E 17500 S
Vernal, UT 84078

Re: RB DS Federal 14G-8-10-18 Well, 461' FSL, 1783' FWL, SE SW, Sec. 8, T. 10 South, R. 18 East, Uintah County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-35933.

Sincerely,

John R. Baza
Associate Director

pab
Enclosures

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

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

Utah!
Where ideas connect™

Operator: QEP Uinta Basin, Inc.
Well Name & Number RB DS Federal 14G-8-10-18
API Number: 43-047-35933
Lease: UTU-81003

Location: SE SW **Sec.** 8 **T.** 10 South **R.** 18 East

Conditions of Approval

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

2. Notification Requirements
   Notify the Division within 24 hours of spudding the well.
   - Contact Carol Daniels at (801) 538-5284.

   Notify the Division prior to commencing operations to plug and abandon the well.
   - Contact Dan Jarvis at (801) 538-5338

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

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

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

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

5. Lease Designation and Serial No.: UTU-81003

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

7. If Unit or CA, Agreement Designation:

8. Well Name and No.: RB DS Fed. 14G 8 10 18

9. API Well No.: 43-047-35933

10. Field and Pool, or Exploratory Area: Ute Land Buttes

11. County or Parish, State: UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well
[X] Oil Well [ ] Gas Well [ ] Other

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2. Name of Operator
QEP, UINTA BASIN, INC.

3. Address and Telephone No.
11002 E. 17500 S. VERNAL, UT 84078-8526
Contact: Dahn.Caldwell@questar.com
435-781-4342 Fax 435-781-4357

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SESW – Sec 8-T10S-R18E – 461' FSL, 1783' FWL

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

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
	[ ] Recompletion	[ ] New Construction
[X] Subsequent Report	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
[ ] Final Abandonment Notice	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other Spud	[ ] Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

On 12/02/04 - Drilled 12-1/4" hole to 490'GL. Ran 11 jts J-55, 9-5/8", 36# csg. Set shoe @ 489' KB. Cmtd w/ 225 sxs Premium Cmt.

RECEIVED
DEC 09 2004
DIV. OF OIL, GAS & MINING

3 - BLM, 2- Utah OG&M, 1 – Denver, 1 – file Word file-server

14. I hereby certify that the foregoing is true and correct
Signed Dahn F. Caldwell Title Completion Clerk Specialist Date 12/07/04

(This space for Federal or State office use)

Approved by: Title Date

Conditions of approval, if any

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

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*See instruction on Reverse Side

008

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

FORM 6

ENTITY ACTION FORM

Operator: QEP Uinta Basin, Inc.
Operator Account Number: N 2460
Address: 11002 East 17500 South
city Vernal
state UT zip 84078
Phone Number: (435) 781-4342

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304735933	RB DS Fed 14G 8-10-18		SESW	8	10	18	Uintah
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
A	99999	14433	12/2/2004			12/9/04	
Comments: WSTC not PA							

K

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Well 2

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

Well 3

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

RECEIVED
DEC 09 2004
DIV. OF OIL, GAS & MINING

ACTION CODES:

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

Dahn F. Caldwell
Name (Please Print)

Dahn F Caldwell
Signature

Clerk Specialist
Title

12/7/2004
Date

(5/2000)

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WEEKLY OPERATIONS REPORT – December 9, 2004

T10S R18E S-08
43-047-35933

UINTA BASIN

"Drilling Activity – Operated" 12-9-04

- Patterson #51 – SG 9MU-23-8-22 – TD at 10,313 feet, ran logs, currently laying down DP. Next well WRU EIH 10MU-23-8-22, PTD 8,500'.
- Patterson #52 – **RB** DS 14G-8-10-18 – TD at 5,100 feet, ran logs, currently laying down DP. Next well RB DS 1G-7-10-18, PTD 5,100'.
- True #26 – NBE 6ML-10-9-23 – TD at 9,150 feet, laid down DP, ran casing and cemented, rig released at 0500 this morning. Next well NBE 15ML-17-9-23, PTD 9,150'.

Completions & New Wells to Sales 12-10-04:

GB 14M-28-8-21: *(77.5% WI)* Main Blackhawk & Blackhawk Strays are flowing to sales since Sunday Oct. 3rd. Currently flowing to sales @ 4.2 Mmcfpd average over last 6 days @ 3727 psi FTP on a 18/64"choke w/ 75 BWPD & 5 BOPD; sep. dumps were adjusted to better sep. liquids from carrying over.

FR 9P-36-14-19: *(100% WI)* CBL looked good up to 8300' which is above all intended completion intervals; P-tested csg. to 8500 psi; currently have upper 3 Lower Wingate intervals isolated and flow testing to confirm additional pay is not wet; flowing @ 200 psi FTP on a 32/64" ck. w/ dry gas on Friday morning; rate is 1.25 Mmcfpd. Will move up to complete Upper Wingate next week.

RWU 34-23AG: *(100% WI)* Mu6 swab tested @ 5 BPH w/ 30%oil and increasing (post –acid); this zone is a "keeper" so we moved uphole to next intervals (Ly2 & Lu6); perf'd and acidized; high oil cut (80%) but low entry; will re-acidized Lu6 by itself w/ larger job to improve entry rate; moved uphole to Gt7 & Gu6 zones; broke down and swabbed dry; will put on rod pump.

RWU 32-27AG: *(100% WI)* Mt7 zone tested wet; moving uphole to next interval.

NBE 11ML-26-9-23: *(43.75% WI)* 4 LMV fracs; well went to sales Mon. 12/6; currently flowing @ 1147 mcfpd @ 737 psi FTP & 2015 psi CP w/ 252 BWPD & 6 BOPD on a 20/64" choke.

NBE 10ML-10-9-23: *(43.75% WI)* 1st LMV frac got put away successfully; pumped 100 Mlbs out of 190 Mlbs. of 2nd LMV frac. and had to cut job short due to hitting max. pressure; pumping @ 62 BPM and utilizing all 10,000 HHP prior to going to flush; will finish remaining 3 fracs (1 LMV, 1 UMV & 1 Wasatch) today.

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WEEKLY OPERATIONS REPORT – February 24, 2005

@ EP

T10S R18E S-08
43-047-35933

UINTA BASIN

"Drilling Activity – Operated" 2-24-05

- Patterson #51 – GB 3MU-3-8-22 drilling at 5,795 feet. PTD 9,900'. Next well WRU EIH 11ML-24-8-22 directional pad well if Westport signs the AFE's in time. Otherwise will place another well in front of it.
- Patterson #52 – GHU 19 RHZ – Drilling horizontally at 7,823 feet. PTD 8,040', 2600' horizontal lateral, added 600' to lateral. Next well WV 3G-10-8-21, unit approved 2/16/05, ready for rig.
- True #26 – COY 12ML-24-8-24 rigging up, should spud today. PTD 7,600'. Next well BSW 11ML-12-9-24 depending on the RWS 8ML-14-9-24 results. Otherwise the GB 7MU-36-8-21 (unless it is moved to Patterson 51).

"Completions & New Wells to Sales" 2-25-05:

FR 9P-36-14-19: *(100% WI)* Flow well (Dakota, Cedar Mtn., Morrison & Entrada) up backside to sales; DOFP was Sat. Feb. 12th; flow tested @ 3.8 Mmcfpd @ 1427 psi FCP on 2 - 11/64" (2 sep.) against 870 psi LP; currently curtailed through existing compressor @ 1081 Mcfpd @ 2251 psi FCP on a 11/64" choke w/ no fluid; Comet will be shutting down (and moving) downstream compressor, which will allow us to flow unrestricted against the higher LP (or flow through compressor @ 250 psi suction – 7.5 Mmcfpd capacity); due to weather delays, this is now est. to happen Mar. 21st.

SC 11M-16-10-23: *(100% WI)* Frac'd. 3 MV and 1 Wasatch Tues., Feb. 15th; well went to sales 2-18-05; currently flowing @ 1746 mcfpd @ 1662 psi FTP & 1901 psi CP w/ 76 BWPD & 12 BOPD on a 13/64" choke.

SCT 8G-12-7-22: *(25% WI)* Prep. to P&A.

RWS 8ML-14-9-24: *(25% WI)* 3 MV fracs pumped last Friday; drilled plugs, landed tbg, swabbing back; has not kicked off and maintained flow yet; 1804 BLLTR.

NBE 11ML-17-9-23: *(43.75% WI)* Set kill plug. RIH w/ tbg, bit, & PO sub. Drilled up kill plug, circulate clean & SWIFN. 5720 BLLTR.

SG 14MU-14-8-22: *(43.75% WI)* Frac'd w/ 245,000 lbs sand. (1 MV & 2 Wasatch) on 2/24; open at 6:00 PM, SICP 1250 psi. 8:00 PM FCP 900 psi on 12/64" choke. 5:00 AM FCP 50 psi on 24/64 choke. Recovered 325 bbl overnight, 2959 BLLTR. Will set kill plug and RIH w/ tbg, bit, & PO sub today.

SG 11MU-14-8-22: *(43.75% WI)* MIRU Key rig today.

GHU 19 RHZ: *(100% WI)* Will have rig available to complete once drlg. rig is off location next week.

DS 14G-8-10-18: *(71.875% WI)* MIRU Basin rig early next week.

There are 12 wells waiting on completion, but we have rigs on or heading to all "dry" locations.

WEEKLY OPERATIONS REPORT – March 3, 2005

T10S R18E S-08
43-047-35933

UINTA BASIN

"Drilling Activity – Operated" 3-3-05

- Patterson #51 – GB 3MU-3-8-22 drilling at 9,730 feet, will TD today. PTD 9,900'. Next well WRU EIH 11ML-24-8-22 directional pad well. PTD 10,358' TVD, 10,600' MD.
- Patterson #52 – WV 3G-10-8-21 hot oiling casing in order to set whipstock. Drill one 2,600' lateral. Next well RW 12-36B horizontal well with two 2,100' laterals.
- True #26 – COY 12ML-24-8-24 at TD 7,860', tripping out for logs. Next well GB 7MU-36-8-21. PTD 8,850'.

"Completions & New Wells to Sales" 3-3-05:

FR 9P-36-14-19: *(100% WI)* Flow well (Dakota, Cedar Mtn., Morrison & Entrada) up backside to sales; DOFP was Sat. Feb. 12th; flow tested @ 3.8 Mmcfpd @ 1427 psi FCP on 2 - 11/64" (2 sep.) against 870 psi LP; currently curtailed through existing compressor @ 1105 Mcfpd @ 2289 psi FCP on a 11/64" choke w/ no fluid; Comet will be shutting down (and moving) downstream compressor, which will allow us to flow unrestricted against the higher LP on Mar. 21st. Pursuing multiple compressor options.

SCT 8G-12-7-22: *(25% WI)* P&A'd.

RWS 8ML-14-9-24: *(25% WI)* 3 MV fracs pumped; isolating individual intervals w/ BP & pkr. for gas entry w/ limited fluid entry; so far no success.

SG 14MU-14-8-22: *(43.75% WI)* Frac'd w/ 245,000 lbs sand. (1 MV & 2 Wasatch) on 2/24; went to sales 2/28; currently flowing @ 1063 mcfpd @ 560 psi FTP & 960 psi CP w/ 105 BWPD & 5 BOPD on a 20/64" ck.

SG 11MU-14-8-22: *(43.75% WI)* 4 fracs pumped Tues. 3/1; drilling plugs.

WRU EIH 3MU-25-8-22: *(43.75% WI)* Frac'd 3 Mesa Verde stages w/ 160,000 lb sand; 4 Wasatch fracs today 3/3.

WV 14MU-10-8-21: *(100% WI)* Fracs. set for Mon./Tues. next week.

GHU 19 RHZ: *(100% WI)* Rig will MIRU Friday 3/4.

DS 14G-8-10-18: *(71.875% WI)* MIRU Basin rig Monday 3/7.

***There are 11 wells waiting on completion, but locations are starting to dry up to allow access.*

WEEKLY OPERATIONS REPORT – March 10, 2005

T10S R18E S-08
43-047-35933

UINTA BASIN

"Drilling Activity – Operated" 3-10-05

- Patterson #51 – WRU EIH 11ML-24-8-22 drilling at 2,545 feet in tangent. PTD 10,600' MD. Next well WRU EIH 12ML-24-8-22 directional pad well. PTD 10,391' TVD, 10,430' MD.
- Patterson #52 – WV 3G-10-8-21 drilling at 5,529 feet building angle at 55.2^0. Drill one 2,600' lateral. Next well RW 12-36B horizontal well with two 2,100' laterals.
- True #26 – GB 7MU-36-8-21 drilling at 5,330 feet. PTD 8,850'. Next well SG 8MU-11-8-22. PTD 9,500'.

"Completions & New Wells to Sales" 3-10-05:

FR 9P-36-14-19: *(100% WI)* Flow well (Dakota, Cedar Mtn., Morrison & Entrada) up backside to sales; DOFP was Sat. Feb. 12th; flow tested @ 3.8 Mmcfpd @ 1427 psi FCP on 2 - 11/64" (2 sep.) against 870 psi LP; currently curtailed through existing compressor @ 1083 Mcfpd @ 2281 psi FCP on a 11/64" choke w/ no fluid; Comet will be shutting down (and moving) downstream compressor, which will allow us to flow unrestricted against the higher LP on Mar. 21st. Will order lease compressor Friday once ROW w/ tribe is signed.

RWS 8ML-14-9-24: *(25% WI)* 3 MV fracs pumped; isolated 3 sets of intervals w/ BP & pkr. for gas entry w/ limited fluid entry; but all appeared wet, perf'd and brokedown 7 MV coals, will add 2 sands and acidize Friday.

SG 11MU-14-8-22: *(43.75% WI)* 4 fracs pumped Tues. 3/1; swabbing well in; might kick-off tomorrow.

WV 14MU-10-8-21: *(100% WI)* Frac'd. 3 MV & 3 Wasatch; flowed back 660 bbl overnight; set kill plug, RIH w/ tbg & bit; drilled out plugs today; well very lively (750 psi FCP on a 48/64" & 32/64").

GHU 19 RHZ: *(100% WI)* Tbg., rods, & pump run Weds.; RDMO rig this a.m.; leveled location; gravel for pad and crane for PU scheduled for Friday a.m.; will start PU late Friday.

DS 14G-8-10-18: *(71.875% WI)* GR Fmn.; 2.5 bbls. entry ON; 50% oil; swabbing 100% oil by the end of today; frac. set for Mon. 3/14.

EIHX 10MU-25-8-22: *(100% WI)* Frac'd. 1 Mesa Verde / 2 Wasatch Weds.; drilling plugs Friday.

EIHX 11MU-25-8-22: *(100% WI)* Frac'd. 1 Mesa Verde / 2 Wasatch Thurs.

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WEEKLY OPERATIONS REPORT – March 17, 2005

QEP

T 10S R 18E S-08
43-047-35933

UINTA BASIN

"Drilling Activity – Operated" 3-17-05

- Patterson #51 – WRU EIH 11ML-24-8-22 drilling at 5,280 feet dropping angle. 7" intermediate casing set at 4,155'. PTD 10,600' MD. Next well WRU EIH 12ML-24-8-22 directional pad well. PTD 10,391' TVD, 10,430' MD.
- Patterson #52 – WV 3G-10-8-21 drilling at 6,780 feet drilling horizontal in zone. Drill one 2,600' lateral. Next well RW 12-36B horizontal well with two 2,100' laterals.
- True #26 – GB 7MU-36-8-21 cemented casing, rigged down, moving today. Next well SG 8MU-11-8-22. PTD 9,500'.

"Completions & New Wells to Sales" 3-17-05:

FR 9P-36-14-19: *(100% WI)* Flow well (Dakota, Cedar Mtn., Morrison & Entrada) up backside to sales; DOFP was Sat. Feb. 12th; flow tested @ 3.8 Mmcfpd @ 1427 psi FCP on 2 - 11/64" (2 sep.) against 870 psi LP; currently curtailed through existing compressor @ 1072 Mcfpd @ 2309 psi FCP on a 11/64" choke w/ no fluid; Comet will be shutting down (and moving) downstream compressor, which will allow us to flow unrestricted against the higher LP on Mar. 21st. Ordered lease compressor Mon., Mar. 14th; est. delivery in 3 weeks.

RWS 8ML-14-9-24: *(25% WI)* 3 MV fracs pumped; isolated 3 sets of intervals w/ BP & pkr. for gas entry w/ limited fluid entry, but all appeared wet; perf'd and brokedown 7 MV coals and 2 sands and acidized; currently swabbing; FL 1300' & 17 bbls. inflow ON past two mornings; need to have continuous completion operations up and over Mar. 31st to get 2 year extension.

GHU 19 RHZ: *(100% WI)* Started PU last Friday; pumped 50 bbl xysol (aromatic solvent) Weds., SI to soak for 24 hrs.; will re-start PU 11:00 this morning; new production numbers Friday.

DS 14G-8-10-18: *(71.875% WI)* GR frac.Mon. 3/14; swabbing 3.5 BFPH w/ 95 % oil cut; RIH w/ tbg. rods & pump currently; well looks to have come in as expected.

WRU EIH 10MU-23-8-22: POOH w/ tbg. Will CBL & perforate today.

EIHX 14MU-25-8-22: *(100% WI)* Ran CBL, TOC @ 1950'. Perforated 1st MV interval. SI well, scheduled to frac Monday.

WV 14M-11-8-21: *(100% WI)* Yesterday SICP 5500 psi. Bled off gas head in 30 sec w/ approx 1 bbl water. Left well open for 3 hrs, recovered 1/2 bbl water. Frac today & tomorrow w/ 740,000 lbs 20/40 Econoprop; at press time, Mancos 'B'/Shale frac went off as per design; frac'ing Blackhawk currently.

***There are 6 wells waiting on a completion rig as of today. Three of those will have a rig on them next week. There are 2 additional wells WOQGM ROW.*

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WEEKLY OPERATIONS REPORT – March 24, 2005

QEP

T10S R 18E S-08
43-047-35933

UINTA BASIN

"Drilling Activity – Operated" 3-24-05

- Patterson #51 – WRU EIH 11ML-24-8-22 drilling at 6,982 feet back to vertical. Will trip today to lay down directional tools. 7" intermediate casing set at 4,155'. PTD 10,600' MD. Next well WRU EIH 12ML-24-8-22 directional pad well. PTD 10,391' TVD, 10,430' MD.
- Patterson #52 – WV 3G-10-8-21 drilling at 7,578 feet horizontal in zone. Drill one 2,600' lateral. PTD 8,275'. Next well RW 12-36B horizontal well with two 2,100' laterals.
- True #26 – SG 8MU-11-8-22 drilling at 7,896 feet. PTD 9,500'. Next well SG 7MU-11-8-22. PTD 9,500'.
- Caza #57 – WV 1MU-16-8-21 rig moving out of Wamsutter, WY today. Should all be on location tomorrow. Spud late next week after draw works are repaired.
- Caza #24 – GB 3M-27-8-21 installing wear bushing and getting ready to pick up BHA to drill out CBP after repairing surface casing. Current TD is 7,367'. Next casing point 10,300'. PTD 12,900'. Next well - move to Pinedale.
- Patterson #413 – WRU GB 5M-9-8-22 drilling at 7,950 feet. Next casing point 10,500'. PTD 13,100'. Next well – move to Pinedale.

"Completions & New Wells to Sales" 3-25-05:

FR 9P-36-14-19: *(100% WI)* Flow well (Dakota, Cedar Mtn., Morrison & Entrada) up backside to sales; DOFP was Sat. Feb. 12th; Comet shut down downstream compressor this week, which allowed us to flow unrestricted against the higher LP; currently flowing 4.31 Mmcfpd @ 1695 psi FCP on a 22/64" choke; will monitor FCP over weekend and open up to higher volume Monday; QEP lease compressor scheduled to be on site in 2 ½ weeks.

WV 14M-11-8-21: *(100% WI)* Frac'd Mancos B, Mancos Shale, Blackhawk, Lower Mesa Verde, & Middle Mesa Verde w/ 640,000 lbs 20/40 Econoprop, 100,000 lbs 30/50 Econoprop, & 25,000 lbs 100 Mesh sand; flowing @ 1900 psi FCP on a 40/64" & a 32/64" ck. after drilling top kill plug; do not want to overpressure tbg. and pump-off bit to drill the 4 flow thru plugs while circ., so landed tbg. in BOP's and will take well to sales today to deplete some pressure and ensure smooth operation drilling plugs in near future; have one 5 Mmcfpd sep. on location; will MI another soon and need QGM dedicated high pres. line to be installed to open well up beyond 5 Mmcfpd.

GHU 19 RHZ: *(100% WI)* Pumped 4000 gal. 28% gelled acid Weds.; well pumping 121 BO in first 20 hrs. post-treatment load; 6 BWPD & 32 mcfpd.

DS 14G-8-10-18: *(71.875% WI)* Started PU Tues.; currently making 48 BOPD, 17 BWPD & 0 mcfpd.

DS 1G-7-10-18: *(71.875% WI)* Frac'd Green River 'C' Shoal Thurs.; frac. went well.

WRU EIH 10MU-23-8-22: *(36% WI)* 8 stages frac'd. Weds. into Thurs.; FCP Friday a.m. was 1050# on a 24/64" w/ 30 BWPH.

EIHX 14MU-25-8-22: *(100% WI)* 2 stages frac'd. Tues.; perf guns got stuck coming out of hole for 3rd stage; have successfully fished; finishing fracs today (Friday).

WH 15G-10-7-24: *(100% WI)* MIRU yesterday.

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

015

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.: UTU 81003

6. If Indian, Allottee or Tribe Name:

7. If Unit or CA, Agreement Designation: WILKIN RIDGE

8. Well Name and No.: RB DS FED 14G 8 10 18

9. API Well No.: 43-047-35933

10. Field and Pool, or Exploratory Area: UTE LAND BUTTES

11. County or Parish, State: UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other

2. Name of Operator: QEP, UINTA BASIN, INC.

3. Address and Telephone No.: 11002 E. 17500 S. VERNAL, UT 84078-8526
Contact: ann.petrik@questar.com
435-781-4306 Fax 435-781-4323

4. Location of Well (Footage, Sec., T., R., M., or Survey Description): SESW, 461' FSL, 1783' FWL, Sec 8-T10S-R18E

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

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
	[ ] Recompletion	[ ] New Construction
[X] Subsequent Report	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
[ ] Final Abandonment Notice	[ ] Altering Casing	[ ] Conversion to Injection
	[x] Other Date of First Production	[ ] Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

THIS WELL COMMENCED PRODUCTION ON 3/22/05.

PRODUCING FORMATION – GREEN RIVER

RECEIVED
APR 08 2005
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Signed: Ann M. Petrik Title: Office Administrator II Date: 3/29/05

(This space for Federal or State office use)

Approved by: Title: Date:

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes 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.

*See instruction on Reverse Side

Form 3160-4
(November 1983)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE (See other instructions on reverse side).

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO. UTU-81003

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other

b TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR [ ] Other

7. UNIT AGREEMENT NAME N/A

8. FARM OR LEASE NAME N/A

2. NAME OF OPERATOR
QEP UINTA BASIN, INC.

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9. WELL NO. RB DS FED 14G 8-10-18

3. ADDRESS OF OPERATOR.
11002 E. 17500 S. VERNAL, UT 84078-8526 435-781-4342

10. FIELD AND POOL, OR WILDCAT UTE LAND BUTTES

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*

At surface 461' FSL, 1783' FWL, S8-T10S-R18E, SESW

At top rod. interval reported below 461' FSL, 1783' FWL, S8-T10S-R18E, SESW

At total depth 461' FSL, 1783' FWL, S8-T10S-R18E, SESW

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA S8-T10S-R18E

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
43-047-35933		UINTAH	UT

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
12/02/2004	12/08/2004	03/22/2005	KB	

20. TOTAL DEPTH, MD & TVD	21. PLUG BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
5098'	5042'		——>		

24. PRODUCING INTERVAL(S), OF THIS COMPLETION–TOP, BOTTOM, NAME (MD AND TVD)*
4861' – 4867' Green River Shoal "C"

25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN
HRI, SPECTRAL DENSITY/DSN, CBL

27. WAS WELL CORED NO

28. CASING RECORD (*Report all strings set in well*)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	489'	12-1/4"	225 SXS	
5-1/2"	15.5#	5098'	7-7/8"	550 SXS	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	4913'	

31. PERFORATION RECORD (*Interval, size and number*)
4861' – 4867' Green River Shoal "C"

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4861' – 4867'	Frac w/ 31,700# in 16,380 Gals.

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping–size and type of pump*)	WELL STATUS (*Producing or shut-in*)
03/22/2005	FLOWING	PRODUCING

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL–BBL.	GAS–MCF.	WATER–BBL.	GAS-OIL RATIO
03/29/2005	24	N/A	——>	53	0	0	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL–BBL.	GAS–MCF	WATER–BBL	OIL GRAVITY-API (CORR.)
15#	0#	——>				

RECEIVED
AUG 05 2005
DIV. OF OIL, GAS & MINING

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*)
SOLD

TEST WITNESSED BY

35. LIST OF ATTACHMENTS
N/A

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

SIGNED JIM SIMONTON TITLE COMPLETION SUPERVISOR DATE 08/03/2005

(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the

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37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
UINTA FM.	**SURFACE**		
GREEN RIVER FM.	**1100'**		
CASTLE PEAK MBR.	**4269'**		
UTELAND BUTTE IS	**4707'**		
A' SAND INTERVAL	**4753'**		
C' SHOAL LIME	**4873**		
TD	**5098'**		

38. GEOLOGIC MARKERS
RB DS FED 14G 8-10-18

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
UINTA FM.	**SURFACE**	
GREEN RIVER FM.	**1100'**	
CASTLE PEAK MBR.	**4269'**	
UTELAND BUTTE IS	**4707'**	
A' SAND INTERVAL	**4753'**	
C' SHOAL LIME	**4873**	
TD	**5098'**	

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Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

5. Lease Serial No.
UTU 81003

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
N/A

1. Type of Well
☑ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
RB DS 14G-8-10-18

2. Name of Operator **QEP Uintah Basin Inc**

9. API Well No.
43-047-35933

3a Address
11002 E. 17500 S. VERNAL, UT 84078-8526

3b. Phone No. *(include area code)*
435-781-4341

10. Field and Pool, or Exploratory Area

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
461' FSL, 1783' FWL, SESW, SECTION 8, T10S, R18E, SLBM

11. County or Parish, State
Uintah

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☑ Recomplete	☐ Other _____
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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.)

The operator requests approval to add additional Green River perforations, frac the new perfs and return to production as follows:

1. **Set composite bridge plug at ±4800'**
2. **Perforate 4736'-4722' w/ 4 JSPF 90° phasing**
3. **Frac the new perfs**
4. **Return to production**

8-2-06
CHD

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*
Kirk Fleetwood **Kirk.Fleetwod@Questar.com**

Title **Petroleum Engineer**

Signature Kirk Fleetwood

Date **07/11/2006**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

Federal Approval Of This Action Is Necessary

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.

Accepted by the Utah Division of Oil, Gas and Mining

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.

Date: 7/18/06

By: D. K. Quist

(Instructions on page 2)

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DIV. OF OIL, GAS & MINING

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.: UTU-81003

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

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation: WILKIN RIDGE

1. Type of Well: [X] Oil Well [ ] Gas Well [ ] Other

8. Well Name and No.: RB DS FED 14G 8 10 18

2. Name of Operator: QEP, UINTA BASIN, INC.

9. API Well No.: 43-047-35933

3. Address and Telephone No.: 11002 E. 17500 S. VERNAL, UT 84078-8526
Contact: Dahn.Caldwell@questar.com
435-781-4342 Fax 435-781-4357

10. Field and Pool, or Exploratory Area: UTE LAND BUTTES

4. Location of Well (Footage, Sec., T., R., M., or Survey Description): SESW, 461' FSL, 1783' FWL, SEC 8-T10S-R18E

11. County or Parish, State: UINTAH COUNTY, UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
	[ ] Recompletion	[ ] New Construction
[X] Subsequent Report	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
[ ] Final Abandonment Notice	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other RECOMPLETION/REPERF	[ ] Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

On 8/10/06 – 8/23/06 – Added New Perfs to this well.

1 – On 8/10/06, MIRU Rocky Mtn Well Service #3.
2 - RU Advantage Hot Oil & circulate 50 bbls of 210* paraffin control down csg. Unseat pump & flush rods w/ 80 bbls hot water. Flush rods three times while POOH. ND WH, release anchor & NU BOP's.
3 - MIRU Lone Wolf WL. Set CBP @ 4800'. Pressure test plug, csg & frac valve to 4000#. Held.
4 - Perforate Green River "A" sand 4736' – 4742'.
5 - Frac Green River "A" sand 4736' – 4742' w/ Delta 140R-20#. Avg rate – 25.4 BPM, avg psi – 1956#, ISIP – 1747#.
6 - C/O sand to CBP @ 4800' & drill up. RIH to PBTD @ 5042'. RIH w/ production string. EOT @ 4910'.
7 - Swab.
8 - RIH w/ pump & rods. Seat pump & long stroke to 1000#. Held.
9 - Space out & hang onto unit. Turn over to production. RDMO Rocky Mtn Well Service #3.
10 - Final report of reperf/Recomp on 8/23/06.

3 - BLM, 2- Utah OG&M, 1 – Denver, 1 – file Word file-server

14. I hereby certify that the foregoing is true and correct.
Signed: Jim Simonton (Jim Simonton) Title: Completion Supervisor Date: 10/1/06

(This space for Federal or State office use)

Approved by: Title: Date:

Conditions of approval, if any

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

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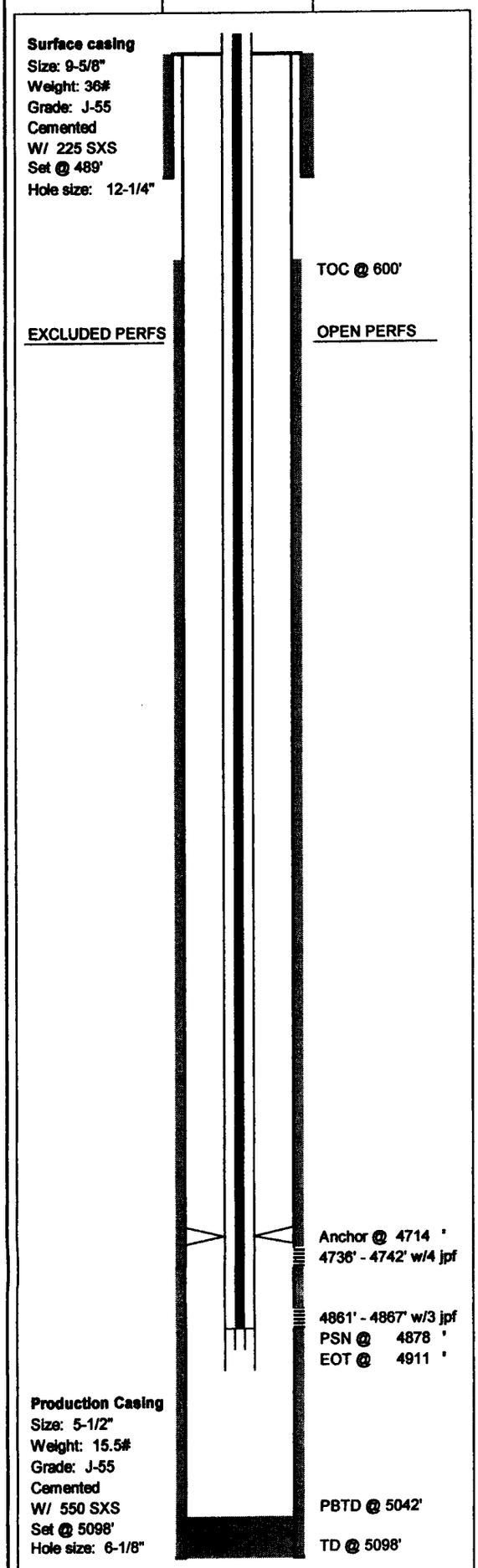
FIELD: Desert Springs	GL: 5206' KBE: 5221'	Spud Date: 12/02/04 Date of last work: 8-23-06
WELL NAME: RBDS 14G-8-10-18	TD: 5098' PBTD: 5042'	Current Well Status: Pumping oil well

Location: 461' FSL, 1783' FWL
SESW, S8-T10S-R18E API: 43-047-35933
Uintah County, Utah

Reason for Pull/Workover:
Recompletion - Perforate A-sand & frac.

Wellbore Schematic



Tubing Landing Detail:

Description	Size	Footage	Depth
KB		15.00	15.00
Stretch		1.10	16.10
144 jts	2-7/8"	4695.21	4711.31
T-anchor	5-1/2"	2.60	4713.91
5 jts	2-7/8"	163.06	4876.97
PSN	2-7/8"	1.08	4878.05
1 jt	2-7/8"	32.58	4910.63
Pinned NC	2-7/8"	0.44	4911.07
			4911.07
			4911.07
EOT			4911.07

Tubing Information
Condition:
New: ____ Used: ____ Rerun X
Grade: J-55
Weight (#/ft) 6.5#

Sucker Rod Detail:

Number	Size	Details
1	1-1/2" x 26'	Polish rod
1	7/8" x 2'	Pony
1	7/8" x 6'	Pony
65	7/8"	Plain
129	3/4"	Plain

Rod Information
Condition:
New: ____ USED ____ RERUN X
Grade: ____
Manufacture: ____

Pump Information:
API Designation: 2-1/2" X 1-1/2" X 12 X 15 X 17 RHAC
Pump SN#: Weatherford ALS #1688
Max stroke - 129"

ESP Well
Cable Size: ____
Pump Intake @ ____ '
End of Pump @ ____ '

Flowing Well
"R" NIPPLE ____
PKR @ ____
EOT @ ____

Wellhead Detail: 7-1/16" 5000#
Landed on: Flange

SUMMARY
Original completion - 3-05
Green River Shoal "C" 4861' - 4867' - Frac w/ 12,540# 20/40 & 19,160# 16/30.
Recompletion - 8-06
Green River A-Sand - 4736' - 4742'. Frac w/20,160# 20/40 & 5060# 16/30.

DIV. OF OIL, GAS & MINING

Prepared By: Jane Pennell Date: 8-30-06

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Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

Change of Operator (Well Sold) **X - Operator Name Change/Merger**

The operator of the well(s) listed below has changed, effective: **1/1/2007**

FROM: (Old Operator):	**TO:** (New Operator):
N2460-QEP Uinta Basin, Inc.	N5085-Questar E&P Company
1050 17th St, Suite 500	1050 17th St, Suite 500
Denver, CO 80265	Denver, CO 80265
Phone: 1 (303) 672-6900	Phone: 1 (303) 672-6900

CA No. **Unit:**

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

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/19/2007
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/16/2007
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 1/31/2005

4a. Is the new operator registered in the State of Utah: _____ Business Number: 764611-0143

5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE

5b. Inspections of LA PA state/fee well sites complete on: n/a

5c. Reports current for Production/Disposition & Sundries on: n/a

6. **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 4/23/2007 BIA
7. **Federal and Indian Units:**
   The BLM or BIA has approved the successor of unit operator for wells listed on: 4/23/2007
8. **Federal and Indian Communization Agreements ("CA"):**
   The BLM or BIA has approved the operator for all wells listed within a CA on: _____
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: _____

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 4/30/2007 and 5/15/2007
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 4/30/2007 and 5/15/2007
3. Bond information entered in RBDMS on: 4/30/2007 and 5/15/2007
4. Fee/State wells attached to bond in RBDMS on: 4/30/2007 and 5/15/2007
5. Injection Projects to new operator in RBDMS on: 4/30/2007 and 5/15/2007
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: ESB000024
2. Indian well(s) covered by Bond Number: 799446

3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965003033

3b. The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

4. (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: THIS IS A COMPANY NAME CHANGE.
SOME WELL NAMES HAVE BEEN CHANGED AS REQUESTED

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
FEDERAL 2-29-7-22	FEDERAL 2-29-7-22	NESW	29	070S	220E	4304715423	5266	Federal	GW	S
UTAH FED D-1	UTAH FED D-1	SWSW	14	070S	240E	4304715936	10699	Federal	GW	S
UTAH FED D-2	UTAH FED D-2	NESW	25	070S	240E	4304715937	9295	Federal	GW	S
PRINCE 1	PRINCE 1	SWSW	10	070S	240E	4304716199	7035	Federal	GW	P
UTAH FED D-4	UTAH FED D-4	SWSE	14	070S	240E	4304731215	9297	Federal	GW	S
FZ BB 1	**BRENNAN FZ-BB1**	NESE	20	070S	210E	4304731805	10952	Federal	GW	TA
EAST COYOTE FED 14-4-8-25	EAST COYOTE FED 14-4-8-25	SESW	04	080S	250E	4304732493	11630	Federal	OW	P
F S PRINCE 4	**PRINCE 4**	SWSW	03	070S	240E	4304732677	7035	Federal	OW	P
GYPSUM HILLS 21	**GH 21 WG**	**SWSW**	**21**	080S	210E	4304732692	11819	Federal	GW	P
SAGE GROUSE FED 6-14-8-22	**OU SG 6 14 8 22**	SENW	14	080S	220E	4304732746	11944	Federal	GW	P
GYPSUM HILLS 22WG	**GH 22 WG**	SWNW	22	080S	210E	4304732818	12336	Federal	GW	P
SAGE GROUSE 12A-14-8-22	SAGE GROUSE 12A-14-8-22	NWSW	14	080S	220E	4304733177	12524	Federal	GW	S
OU GB 12W-20-8-22	OU GB 12W-20-8-22	NWSW	20	080S	220E	4304733249	13488	Federal	GW	P
GBU 15-18-8-22	**OU GB 15 18 8 22**	SWSE	18	080S	220E	4304733364	12690	Federal	GW	P
GLEN BENCH FED 3W-17-8-22	**OU GB 3W 17 8 22**	NENW	17	080S	220E	4304733513	12950	Federal	GW	P
GLEN BENCH FED 5W-17-8-22	**OU GB 5W 17 8 22**	SWNW	17	080S	220E	4304733514	12873	Federal	GW	P
WV FED 9W-8-8-22	**WV 9W 8 8 22**	NESE	08	080S	220E	4304733515	13395	Federal	GW	P
GB FED 9W-18-8-22	**OU GB 9W 18 8 22**	NESE	18	080S	220E	4304733516	12997	Federal	GW	P
OU GB 3W-20-8-22	OU GB 3W-20-8-22	NENW	20	080S	220E	4304733526	13514	Federal	GW	P
GLEN BENCH 12W-30-8-22	**OU GB 12W 30 8 22**	NWSW	30	080S	220E	4304733670	13380	Federal	GW	P
WVFU 10W-8-8-22	**WV 10W 8 8 22**	NWSE	08	080S	220E	4304733814	13450	Federal	GW	P
GH 7W-21-8-21	GH 7W-21-8-21	SWNE	21	080S	210E	4304733845	13050	Federal	GW	P
GH 9W-21-8-21	GH 9W-21-8-21	NESE	21	080S	210E	4304733846	13074	Federal	GW	P
GH 11W-21-8-21	GH 11W-21-8-21	NESW	21	080S	210E	4304733847	13049	Federal	GW	P
GH 15W-21-8-21	GH 15W-21-8-21	SWSE	21	080S	210E	4304733848	13051	Federal	GW	P
WV 7W-22-8-21	WV 7W-22-8-21	SWNE	22	080S	210E	4304733907	13230	Federal	GW	P
WV 9W-23-8-21	WV 9W-23-8-21	NESE	23	080S	210E	4304733909	13160	Federal	GW	P
GHU 14W-20-8-21	**GH 14W 20 8 21**	SESW	20	080S	210E	4304733915	13073	Federal	GW	P
GB 4W-30-8-22	**OU GB 4W 30 8 22**	NWNW	30	080S	220E	4304733945	13372	Federal	GW	P
GB 9W-19-8-22	**OU GB 9W 19 8 22**	NESE	19	080S	220E	4304733946	13393	Federal	GW	P
GB 10W-30-8-22	**OU GB 10W 30 8 22**	NWSE	30	080S	220E	4304733947	13389	Federal	GW	P
GB 12W-19-8-22	**OU GB 12W 19 8 22**	NWSW	19	080S	220E	4304733948	13388	Federal	GW	P
GB 9W-25-8-21	GB 9W-25-8-21	NESE	25	080S	210E	4304733960	13390	Federal	GW	P
WV 1W-5-8-22	**SU 1W 5 8 22**	NENE	05	080S	220E	4304733985	13369	Federal	GW	P
WV 3W-5-8-22	**SU 3W 5 8 22**	NENW	05	080S	220E	4304733987	13321	Federal	OW	S
WV 7W-5-8-22	**SU 7W 5 8 22**	SWNE	05	080S	220E	4304733988	13235	Federal	GW	P
WV 9W-5-8-22	**SU 9W 5 8 22**	NESE	05	080S	220E	4304733990	13238	Federal	GW	P
WV 11W-5-8-22	**SU 11W 5 8 22**	NESW	05	080S	220E	4304733992	13239	Federal	GW	S
WV 13W-5-8-22	**SU 13W 5 8 22**	SWSW	05	080S	220E	4304733994	13236	Federal	GW	S
WV 15W-5-8-22	**SU 15W 5 8 22**	SWSE	05	080S	220E	4304733996	13240	Federal	GW	P
WV 8W-8-8-22	WV 8W-8-8-22	SENE	08	080S	220E	4304734005	13320	Federal	GW	P
WV 14W-8-8-22	WV 14W-8-8-22	SESW	08	080S	220E	4304734007	13322	Federal	GW	P

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
OU GB 6W-20-8-22	OU GB 6W-20-8-22	SENW	20	080S	220E	4304734018	13518	Federal	GW	P
GB 5W-30-8-22	**OU GB 5W 30 8 22**	SWNW	30	080S	220E	4304734025	13502	Federal	GW	P
GB 11W-20-8-22	**OU GB 11W 20 8 22**	NESW	20	080S	220E	4304734039	13413	Federal	GW	P
OU GB 4W-20-8-22	OU GB 4W-20-8-22	NWNW	20	080S	220E	4304734043	13520	Federal	GW	P
GH 5W-21-8-21	GH 5W-21-8-21	SWNW	21	080S	210E	4304734147	13387	Federal	GW	P
GH 6W-21-8-21	GH 6W-21-8-21	SENW	21	080S	210E	4304734148	13371	Federal	GW	P
GH 8W-21-8-21	GH 8W-21-8-21	SENE	21	080S	210E	4304734149	13293	Federal	GW	P
GH 10W-20-8-21	GH 10W-20-8-21	NWSE	20	080S	210E	4304734151	13328	Federal	GW	P
GH 10W-21-8-21	GH 10W-21-8-21	NWSE	21	080S	210E	4304734152	13378	Federal	GW	P
GH 12W-21-8-21	GH 12W-21-8-21	NWSW	21	080S	210E	4304734153	13294	Federal	GW	P
GH 14W-21-8-21	GH 14W-21-8-21	SESW	21	080S	210E	4304734154	13292	Federal	GW	P
GH 16W-21-8-21	GH 16W-21-8-21	SESE	21	080S	210E	4304734157	13329	Federal	GW	P
GB 5W-20-8-22	**OU GB 5W 20 8 22**	SWNW	20	080S	220E	4304734209	13414	Federal	GW	P
WV 6W-22-8-21	WV 6W-22-8-21	SENW	22	080S	210E	4304734272	13379	Federal	GW	P
GH 1W-20-8-21	GH 1W-20-8-21	NENE	20	080S	210E	4304734327	13451	Federal	GW	P
GH 2W-20-8-21	GH 2W-20-8-21	NWNE	20	080S	210E	4304734328	13527	Federal	GW	P
GH 3W-20-8-21	GH 3W-20-8-21	NENW	20	080S	210E	4304734329	13728	Federal	GW	P
GH 7W-20-8-21	GH 7W-20-8-21	SWNE	20	080S	210E	4304734332	13537	Federal	GW	P
GH 9W-20-8-21	GH 9W-20-8-21	NESE	20	080S	210E	4304734333	13411	Federal	GW	P
GH 11W-20-8-21	GH 11W-20-8-21	NESW	20	080S	210E	4304734334	13410	Federal	GW	P
GH 15W-20-8-21	GH 15W-20-8-21	SWSE	20	080S	210E	4304734335	13407	Federal	GW	P
GH 16W-20-8-21	GH 16W-20-8-21	SESE	20	080S	210E	4304734336	13501	Federal	GW	P
WV 12W-23-8-21	WV 12W-23-8-21	NWSW	23	080S	210E	4304734343	13430	Federal	GW	P
OU GB 13W-20-8-22	OU GB 13W-20-8-22	SWSW	20	080S	220E	4304734348	13495	Federal	GW	P
OU GB 14W-20-8-22	OU GB 14W-20-8-22	SESW	20	080S	220E	4304734349	13507	Federal	GW	P
OU GB 11W-29-8-22	OU GB 11W-29-8-22	NESW	29	080S	220E	4304734350	13526	Federal	GW	P
WV 11G-5-8-22	**WVX 11G 5 8 22**	NESW	05	080S	220E	4304734388	13422	Federal	OW	P
WV 13G-5-8-22	**WVX 13G 5 8 22**	SWSW	05	080S	220E	4304734389	13738	Federal	OW	P
WV 15G-5-8-22	**WVX 15G 5 8 22**	SWSE	05	080S	220E	4304734390	13459	Federal	OW	P
SU BRENNAN W 15W-18-7-22	SU BRENNAN W 15W-18-7-22	SWSE	18	070S	220E	4304734403	13442	Federal	GW	TA
STIRRUP U 16W-5-8-22	**SU 16W 5 8 22**	SESE	05	080S	220E	4304734446	13654	Federal	GW	P
STIRRUP U 2W-5-8-22	**SU 2W 5 8 22**	NWNE	05	080S	220E	4304734455	13700	Federal	GW	P
WV 10W-5-8-22	**SU 10W 5 8 22**	NWSE	05	080S	220E	4304734456	13540	Federal	GW	P
WV 16W-8-8-22	WV 16W-8-8-22	SESE	08	080S	220E	4304734470	13508	Federal	GW	P
GB 16WX-30-8-22	**OU GB 16WX 30 8 22**	SESE	30	080S	220E	4304734506	13431	Federal	GW	P
OU GB 1W-19-8-22	OU GB 1W-19-8-22	NENE	19	080S	220E	4304734512	13469	Federal	GW	P
OU GB 2W-19-8-22	OU GB 2W-19-8-22	NWNE	19	080S	220E	4304734513	13461	Federal	GW	P
OU GB 5W-19-8-22	OU GB 5W-19-8-22	SWNW	19	080S	220E	4304734514	13460	Federal	GW	P
OU GB 7W-19-8-22	OU GB 7W-19-8-22	SWNE	19	080S	220E	4304734515	13462	Federal	GW	P
OU GB 8W-19-8-22	OU GB 8W-19-8-22	SENE	19	080S	220E	4304734516	13489	Federal	GW	P
OU GB 11W-19-8-22	OU GB 11W-19-8-22	NESW	19	080S	220E	4304734517	13467	Federal	GW	P
OU GB 16W-19-8-22	OU GB 16W-19-8-22	SESE	19	080S	220E	4304734522	13476	Federal	GW	P

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
GB 1W-30-8-22	**OU GB 1W 30 8 22**	NENE	30	080S	220E	4304734528	13487	Federal	GW	P
GB 3W-30-8-22	**OU GB 3W 30 8 22**	NENW	30	080S	220E	4304734529	13493	Federal	GW	P
GB 6W-30-8-22	**OU GB 6W 30 8 22**	SENW	30	080S	220E	4304734530	13519	Federal	GW	P
GB 7W-30-8-22	**OU GB 7W 30 8 22**	SWNE	30	080S	220E	4304734531	13494	Federal	GW	P
GB 8W-30-8-22	**OU GB 8W 30 8 22**	SENE	30	080S	220E	4304734532	13483	Federal	GW	P
GB 9W-30-8-22	**OU GB 9W 30 8 22**	NESE	30	080S	220E	4304734533	13500	Federal	GW	P
OU GB 6W-19-8-22	OU GB 6W-19-8-22	SENW	19	080S	220E	4304734534	13475	Federal	GW	P
OU GB 10W-19-8-22	OU GB 10W-19-8-22	NWSE	19	080S	220E	4304734535	13479	Federal	GW	P
OU GB 13W-19-8-22	OU GB 13W-19-8-22	SWSW	19	080S	220E	4304734536	13478	Federal	GW	P
OU GB 14W-19-8-22	OU GB 14W-19-8-22	SESW	19	080S	220E	4304734537	13484	Federal	GW	P
OU GB 15W-19-8-22	OU GB 15W-19-8-22	SWSE	19	080S	220E	4304734538	13482	Federal	GW	P
OU GB 12W-17-8-22	OU GB 12W-17-8-22	NWSW	17	080S	220E	4304734542	13543	Federal	GW	P
OU GB 6W-17-8-22	OU GB 6W-17-8-22	SENW	17	080S	220E	4304734543	13536	Federal	GW	P
OU GB 13W-17-8-22	OU GB 13W-17-8-22	SWSW	17	080S	220E	4304734544	13547	Federal	GW	P
OU GB 6W-29-8-22	OU GB 6W-29-8-22	SENW	29	080S	220E	4304734545	13535	Federal	GW	P
OU GB 3W-29-8-22	OU GB 3W-29-8-22	NENW	29	080S	220E	4304734546	13509	Federal	GW	P
OU GB 13W-29-8-22	OU GB 13W-29-8-22	SWSW	29	080S	220E	4304734547	13506	Federal	GW	P
OU GB 4W-29-8-22	OU GB 4W-29-8-22	NWNW	29	080S	220E	4304734548	13534	Federal	GW	P
OU GB 5W-29-8-22	OU GB 5W-29-8-22	SWNW	29	080S	220E	4304734549	13505	Federal	GW	P
OU GB 14W-17-8-22	OU GB 14W-17-8-22	SESW	17	080S	220E	4304734550	13550	Federal	GW	P
OU GB 11W-17-8-22	OU GB 11W-17-8-22	NESW	17	080S	220E	4304734553	13671	Federal	GW	P
OU GB 14W-29-8-22	OU GB 14W-29-8-22	SESW	29	080S	220E	4304734554	13528	Federal	GW	P
OU GB 2W-17-8-22	OU GB 2W-17-8-22	NWNE	17	080S	220E	4304734559	13539	Federal	GW	P
OU GB 7W-17-8-22	OU GB 7W-17-8-22	SWNE	17	080S	220E	4304734560	13599	Federal	GW	P
OU GB 16W-18-8-22	OU GB 16W-18-8-22	SESE	18	080S	220E	4304734563	13559	Federal	GW	P
OU GB 1W-29-8-22	OU GB 1W-29-8-22	NENE	29	080S	220E	4304734573	13562	Federal	GW	P
OU GB 7W-29-8-22	OU GB 7W-29-8-22	SWNE	29	080S	220E	4304734574	13564	Federal	GW	P
OU GB 8W-29-8-22	OU GB 8W-29-8-22	SENE	29	080S	220E	4304734575	13609	Federal	GW	S
OU GB 9W-29-8-22	OU GB 9W-29-8-22	NESE	29	080S	220E	4304734576	13551	Federal	GW	P
OU GB 10W-29-8-22	OU GB 10W-29-8-22	NWSE	29	080S	220E	4304734577	13594	Federal	GW	P
OU GB 15W-29-8-22	OU GB 15W-29-8-22	SWSE	29	080S	220E	4304734578	13569	Federal	GW	P
OU GB 2W-20-8-22	OU GB 2W-20-8-22	NWNE	20	080S	220E	4304734599	13664	Federal	GW	P
OU GB 2W-29-8-22	OU GB 2W-29-8-22	NWNE	29	080S	220E	4304734600	13691	Federal	GW	P
OU GB 15W-17-8-22	OU GB 15W-17-8-22	SWSE	17	080S	220E	4304734601	13632	Federal	GW	P
OU GB 16W-17-8-22	OU GB 16W-17-8-22	SESE	17	080S	220E	4304734602	13639	Federal	GW	P
OU GB 16W-29-8-22	OU GB 16W-29-8-22	SESE	29	080S	220E	4304734603	13610	Federal	GW	P
OU GB 1W-20-8-22	OU GB 1W-20-8-22	NENE	20	080S	220E	4304734604	13612	Federal	GW	P
OU GB 1W-17-8-22	OU GB 1W-17-8-22	NENE	17	080S	220E	4304734623	13701	Federal	GW	P
OU GB 9W-17-8-22	OU GB 9W-17-8-22	NESE	17	080S	220E	4304734624	13663	Federal	GW	P
OU GB 10W-17-8-22	OU GB 10W-17-8-22	NWSE	17	080S	220E	4304734625	13684	Federal	GW	P
OU GB 9W-20-8-22	OU GB 9W-20-8-22	NESE	20	080S	220E	4304734630	13637	Federal	GW	P
OU GB 10W-20-8-22	OU GB 10W-20-8-22	NWSE	20	080S	220E	4304734631	13682	Federal	GW	P

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
OU GB 15W-20-8-22	OU GB 15W-20-8-22	SWSE	20	080S	220E	4304734632	13613	Federal	GW	P
WIH 15MU-21-8-22	**OU WIH 15MU 21 8 22**	SWSE	21	080S	220E	4304734634	13991	Federal	GW	P
OU WIH 13W-21-8-22	OU WIH 13W-21-8-22	SWSW	21	080S	220E	4304734646	13745	Federal	GW	P
OU GB 11W-15-8-22	OU GB 11W-15-8-22	NESW	15	080S	220E	4304734648	13822	Federal	GW	P
OU GB 13W-9-8-22	OU GB 13W-9-8-22	SWSW	09	080S	220E	4304734654	13706	Federal	GW	P
OU WIH 14W-21-8-22	OU WIH 14W-21-8-22	SESW	21	080S	220E	4304734664	13720	Federal	GW	P
OU GB 12WX-29-8-22	OU GB 12WX-29-8-22	NWSW	29	080S	220E	4304734668	13555	Federal	GW	P
OU WIH 10W-21-8-22	OU WIH 10W-21-8-22	NWSE	21	080S	220E	4304734681	13662	Federal	GW	P
OU GB 4G-21-8-22	OU GB 4G-21-8-22	NWNW	21	080S	220E	4304734685	13772	Federal	OW	P
OU GB 3W-21-8-22	OU GB 3W-21-8-22	NENW	21	080S	220E	4304734686	13746	Federal	GW	P
OU GB 16SG-30-8-22	OU GB 16SG-30-8-22	SESE	30	080S	220E	4304734688	13593	Federal	GW	S
OU WIH 7W-21-8-22	OU WIH 7W-21-8-22	SWNE	21	080S	220E	4304734689	13716	Federal	GW	P
OU GB 5W-21-8-22	OU GB 5W-21-8-22	SWNW	21	080S	220E	4304734690	13770	Federal	GW	P
WIH 1MU-21-8-22	WIH 1MU-21-8-22	NENE	21	080S	220E	4304734693	14001	Federal	GW	P
OU GB 5G-19-8-22	OU GB 5G-19-8-22	SWNW	19	080S	220E	4304734695	13786	Federal	OW	P
OU GB 7W-20-8-22	OU GB 7W-20-8-22	SWNE	20	080S	220E	4304734705	13710	Federal	GW	P
OU SG 14W-15-8-22	OU SG 14W-15-8-22	SESW	15	080S	220E	4304734710	13821	Federal	GW	P
OU SG 15W-15-8-22	OU SG 15W-15-8-22	SWSE	15	080S	220E	4304734711	13790	Federal	GW	P
OU SG 16W-15-8-22	OU SG 16W-15-8-22	SESE	15	080S	220E	4304734712	13820	Federal	GW	P
OU SG 4W-15-8-22	OU SG 4W-15-8-22	NWNW	15	080S	220E	4304734713	13775	Federal	GW	P
OU SG 12W-15-8-22	OU SG 12W-15-8-22	NWSW	15	080S	220E	4304734714	13838	Federal	GW	P
OU GB 5MU-15-8-22	OU GB 5MU-15-8-22	SWNW	15	080S	220E	4304734715	13900	Federal	GW	P
OU SG 8W-15-8-22	OU SG 8W-15-8-22	SENE	15	080S	220E	4304734717	13819	Federal	GW	P
OU SG 9W-15-8-22	OU SG 9W-15-8-22	NESE	15	080S	220E	4304734718	13773	Federal	GW	P
OU SG 10W-15-8-22	OU SG 10W-15-8-22	NWSE	15	080S	220E	4304734719	13722	Federal	GW	P
OU SG 2MU-15-8-22	OU SG 2MU-15-8-22	NWNE	15	080S	220E	4304734721	13887	Federal	GW	P
OU SG 7W-15-8-22	OU SG 7W-15-8-22	SWNE	15	080S	220E	4304734722	13920	Federal	GW	P
OU GB 14SG-29-8-22	OU GB 14SG-29-8-22	SESW	29	080S	220E	4304734743	14034	Federal	GW	P
OU GB 16SG-29-8-22	OU GB 16SG-29-8-22	SESE	29	080S	220E	4304734744	13771	Federal	GW	P
OU GB 13W-10-8-22	OU GB 13W-10-8-22	SWSW	10	080S	220E	4304734754	13774	Federal	GW	P
OU GB 6MU-21-8-22	OU GB 6MU-21-8-22	SENW	21	080S	220E	4304734755	14012	Federal	GW	P
OU SG 10W-10-8-22	OU SG 10W-10-8-22	NWSE	10	080S	220E	4304734764	13751	Federal	GW	P
OU GB 14M-10-8-22	OU GB 14M-10-8-22	SESW	10	080S	220E	4304734768	13849	Federal	GW	P
OU SG 9W-10-8-22	OU SG 9W-10-8-22	NESE	10	080S	220E	4304734783	13725	Federal	GW	P
OU SG 16W-10-8-22	OU SG 16W-10-8-22	SESE	10	080S	220E	4304734784	13781	Federal	GW	P
GB 3M-27-8-21	GB 3M-27-8-21	NENW	27	080S	210E	4304734900	14614	Federal	GW	P
WVX 11D-22-8-21	WVX 11D-22-8-21	NESW	22	080S	210E	4304734902	14632	Federal	GW	DRL
GB 11M-27-8-21	GB 11M-27-8-21	NESW	27	080S	210E	4304734952	13809	Federal	GW	P
GB 9D-27-8-21	GB 9D-27-8-21	NESE	27	080S	210E	4304734956	14633	Federal	GW	DRL
GB 1D-27-8-21	GB 1D-27-8-21	NENE	27	080S	210E	4304734957	14634	Federal	GW	DRL
WRU EIH 2M-35-8-22	WRU EIH 2M-35-8-22	NWNE	35	080S	220E	4304735052	13931	Federal	GW	P
GYPSUM HILLS 12MU-20-8-21	**GH 12MU 20 8 21**	NWSW	20	080S	210E	4304735069	14129	Federal	GW	P

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
OU SG 4W-11-8-22	OU SG 4W-11-8-22	NWNW	11	080S	220E	4304735071	14814	Federal	GW	DRL
OU SG 5W-11-8-22	OU SG 5W-11-8-22	SWNW	11	080S	220E	4304735072	14815	Federal	GW	DRL
OU SG 6W-11-8-22	**SG 6ML 11 8 22**	SENW	11	080S	220E	4304735073	14825	Federal	GW	P
OU SG 5MU-14-8-22	OU SG 5MU-14-8-22	SWNW	14	080S	220E	4304735076	13989	Federal	GW	P
OU SG 6MU-14-8-22	OU SG 6MU-14-8-22	SENW	14	080S	220E	4304735077	14128	Federal	GW	P
SG 12MU-14-8-22	SG 12MU-14-8-22	NWSW	14	080S	220E	4304735078	13921	Federal	GW	P
OU SG 13MU-14-8-22	OU SG 13MU-14-8-22	SWSW	14	080S	220E	4304735079	13990	Federal	GW	P
OU SG 9MU-11-8-22	OU SG 9MU-11-8-22	NESE	11	080S	220E	4304735091	13967	Federal	GW	P
SG 11SG-23-8-22	SG 11SG-23-8-22	NESW	23	080S	220E	4304735099	13901	Federal	GW	S
OU SG 14W-11-8-22	OU SG 14W-11-8-22	SESW	11	080S	220E	4304735114	14797	Federal	GW	DRL
SG 5MU-23-8-22	SG 5MU-23-8-22	SWNW	23	080S	220E	4304735115	14368	Federal	GW	P
SG 6MU-23-8-22	SG 6MU-23-8-22	SENW	23	080S	220E	4304735116	14231	Federal	GW	P
SG 14MU-23-8-22	SG 14MU-23-8-22	SESW	23	080S	220E	4304735117	14069	Federal	GW	P
SG 13MU-23-8-22	SG 13MU-23-8-22	SWSW	23	080S	220E	4304735190	14103	Federal	GW	P
WH 7G-10-7-24	WH 7G-10-7-24	SWNE	10	070S	240E	4304735241	14002	Federal	GW	P
GB 4D-28-8-21	GB 4D-28-8-21	NWNW	28	080S	210E	4304735246	14645	Federal	GW	P
GB 7M-28-8-21	GB 7M-28-8-21	SWNE	28	080S	210E	4304735247	14432	Federal	GW	P
GB 14M-28-8-21	GB 14M-28-8-21	SESW	28	080S	210E	4304735248	13992	Federal	GW	P
SG 11MU-23-8-22	SG 11MU-23-8-22	NESW	23	080S	220E	4304735257	13973	Federal	GW	P
SG 15MU-14-8-22	SG 15MU-14-8-22	SWSE	14	080S	220E	4304735328	14338	Federal	GW	P
EIHX 14MU-25-8-22	EIHX 14MU-25-8-22	SESW	25	080S	220E	4304735330	14501	Federal	GW	P
EIHX 11MU-25-8-22	EIHX 11MU-25-8-22	NESW	25	080S	220E	4304735331	14470	Federal	GW	P
NBE 12ML-10-9-23	NBE 12ML-10-9-23	NWSW	10	090S	230E	4304735333	14260	Federal	GW	P
NBE 13ML-17-9-23	NBE 13ML-17-9-23	SWSW	17	090S	230E	4304735334	14000	Federal	GW	P
NBE 4ML-26-9-23	NBE 4ML-26-9-23	NWNW	26	090S	230E	4304735335	14215	Federal	GW	P
SG 7MU-11-8-22	SG 7MU-11-8-22	SWNE	11	080S	220E	4304735374	14635	Federal	GW	P
SG 1MU-11-8-22	SG 1MU-11-8-22	NENE	11	080S	220E	4304735375	14279	Federal	GW	P
OU SG 13W-11-8-22	OU SG 13W-11-8-22	SWSW	11	080S	220E	4304735377	14796	Federal	GW	DRL
SG 3MU-11-8-22	SG 3MU-11-8-22	NENW	11	080S	220E	4304735379	14978	Federal	GW	P
SG 8MU-11-8-22	SG 8MU-11-8-22	SENE	11	080S	220E	4304735380	14616	Federal	GW	P
SG 2MU-11-8-22	SG 2MU-11-8-22	NWNE	11	080S	220E	4304735381	14636	Federal	GW	P
SG 10MU-11-8-22	SG 10MU-11-8-22	NWSE	11	080S	220E	4304735382	14979	Federal	GW	P
OU GB 8MU-10-8-22	OU GB 8MU-10-8-22	SENE	10	080S	220E	4304735422	15321	Federal	GW	DRL
EIHX 2MU-25-8-22	EIHX 2MU-25-8-22	NWNE	25	080S	220E	4304735427	14666	Federal	GW	P
EIHX 1MU-25-8-22	EIHX 1MU-25-8-22	NENE	25	080S	220E	4304735428	14705	Federal	GW	P
EIHX 7MU-25-8-22	EIHX 7MU-25-8-22	SWNE	25	080S	220E	4304735429	14682	Federal	GW	P
EIHX 8MU-25-8-22	EIHX 8MU-25-8-22	SENE	25	080S	220E	4304735430	14706	Federal	GW	P
EIHX 9MU-25-8-22	EIHX 9MU-25-8-22	NESE	25	080S	220E	4304735433	14558	Federal	GW	P
EIHX 16MU-25-8-22	EIHX 16MU-25-8-22	SESE	25	080S	220E	4304735434	14502	Federal	GW	P
EIHX 15MU-25-8-22	EIHX 15MU-25-8-22	SWSE	25	080S	220E	4304735435	14571	Federal	GW	P
EIHX 10MU-25-8-22	EIHX 10MU-25-8-22	NWSE	25	080S	220E	4304735436	14537	Federal	GW	P
GB 3MU-3-8-22	GB 3MU-3-8-22	NENW	03	080S	220E	4304735457	14575	Federal	GW	P

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
NBE 15M-17-9-23	NBE 15M-17-9-23	SWSE	17	090S	230E	4304735463	14423	Federal	GW	P
NBE 7ML-17-9-23	NBE 7ML-17-9-23	SWNE	17	090S	230E	4304735464	14232	Federal	GW	P
NBE 3ML-17-9-23	NBE 3ML-17-9-23	NENW	17	090S	230E	4304735465	14276	Federal	GW	P
NBE 11M-17-9-23	NBE 11M-17-9-23	NESW	17	090S	230E	4304735466	14431	Federal	GW	P
NBE 10ML-10-9-23	NBE 10ML-10-9-23	NWSE	10	090S	230E	4304735650	14377	Federal	GW	P
NBE 6ML-10-9-23	NBE 6ML-10-9-23	SENW	10	090S	230E	4304735651	14422	Federal	GW	P
NBE 12ML-17-9-23	NBE 12ML-17-9-23	NWSW	17	090S	230E	4304735652	14278	Federal	GW	P
NBE 6ML-26-9-23	NBE 6ML-26-9-23	SENW	26	090S	230E	4304735664	14378	Federal	GW	P
NBE 11ML-26-9-23	NBE 11ML-26-9-23	NESW	26	090S	230E	4304735665	14340	Federal	GW	P
NBE 15ML-26-9-23	NBE 15ML-26-9-23	SWSE	26	090S	230E	4304735666	14326	Federal	GW	P
SG 4MU-23-8-22	SG 4MU-23-8-22	NWNW	23	080S	220E	4304735758	14380	Federal	GW	P
RWS 8ML-14-9-24	RWS 8ML-14-9-24	SENE	14	090S	240E	4304735803	14539	Federal	GW	S
SG 11MU-14-8-22	SG 11MU-14-8-22	NESW	14	080S	220E	4304735829	14486	Federal	GW	P
RB DS FED 1G-7-10-18	RB DS FED 1G-7-10-18	NENE	07	100S	180E	4304735932	14457	Federal	OW	S
RB DS FED 14G-8-10-18	RB DS FED 14G-8-10-18	SESW	08	100S	180E	4304735933	14433	Federal	OW	P
OU SG 14MU-14-8-22	OU SG 14MU-14-8-22	SESW	14	080S	220E	4304735950	14479	Federal	GW	P
COY 10ML-14-8-24	COY 10ML-14-8-24	NWSE	14	080S	240E	4304736038		Federal	GW	APD
COY 12ML-24-8-24	COY 12ML-24-8-24	NWSW	24	080S	240E	4304736039	14592	Federal	OW	P
WIH 1AMU-21-8-22	WIH 1AMU-21-8-22	NENE	21	080S	220E	4304736060	14980	Federal	GW	P
NBE 4ML-10-9-23	NBE 4ML-10-9-23	NWNW	10	090S	230E	4304736098	15732	Federal	GW	P
NBE 8ML-10-9-23	NBE 8ML-10-9-23	SENE	10	090S	230E	4304736099	15733	Federal	GW	P
NBE 16ML-10-9-23	NBE 16ML-10-9-23	SESE	10	090S	230E	4304736100	14728	Federal	GW	P
NBE 8ML-12-9-23	NBE 8ML-12-9-23	SENE	12	090S	230E	4304736143	15859	Federal	GW	DRL
WH 12G-11-7-24	WH 12G-11-7-24	NWSW	11	070S	240E	4304736195		Federal	GW	APD
HC 16M-6-7-22	HC 16M-6-7-22	SESE	06	070S	220E	4304736197		Federal	GW	APD
HC 14M-6-7-22	HC 14M-6-7-22	SESW	06	070S	220E	4304736198		Federal	GW	APD
WWT 8ML-25-8-24	WWT 8ML-25-8-24	SENE	25	080S	240E	4304736199		Federal	GW	APD
GB 16D-28-8-21	GB 16D-28-8-21	SESE	28	080S	210E	4304736260	14981	Federal	GW	P
WH 7G-3-7-24	WH 7G-3-7-24	SWNE	03	070S	240E	4304736347		Federal	GW	APD
NBE 5ML-10-9-23	NBE 5ML-10-9-23	SWNW	10	090S	230E	4304736353	15227	Federal	GW	P
NBE 7ML-10-9-23	NBE 7ML-10-9-23	SWNE	10	090S	230E	4304736355	15850	Federal	GW	DRL
NBE 3ML-10-9-23	NBE 3ML-10-9-23	NENW	10	090S	230E	4304736356	15393	Federal	GW	P
WH 4G-10-7-24	WH 4G-10-7-24	NWNW	10	070S	240E	4304736359		Federal	GW	APD
EIHX 4MU-36-8-22	EIHX 4MU-36-8-22	NWNW	36	080S	220E	4304736444	14875	Federal	GW	P
EIHX 3MU-36-8-22	EIHX 3MU-36-8-22	NENW	36	080S	220E	4304736445	14860	Federal	GW	P
EIHX 2MU-36-8-22	EIHX 2MU-36-8-22	NWNE	36	080S	220E	4304736446	14840	Federal	GW	P
EIHX 1MU-36-8-22	EIHX 1MU-36-8-22	NENE	36	080S	220E	4304736447	14861	Federal	GW	P
WWT 2ML-24-8-24	WWT 2ML-24-8-24	NWNE	24	080S	240E	4304736515		Federal	GW	APD
RWS 1ML-1-9-24	RWS 1ML-1-9-24	NENE	01	090S	240E	4304736517		Federal	GW	APD
RWS 3ML-1-9-24	RWS 3ML-1-9-24	NENW	01	090S	240E	4304736518		Federal	GW	APD
RWS 9ML-1-9-24	RWS 9ML-1-9-24	NESE	01	090S	240E	4304736519		Federal	GW	APD
RWS 15ML-1-9-24	RWS 15ML-1-9-24	SWSE	01	090S	240E	4304736521		Federal	GW	APD

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
BSW 1ML-12-9-24	BSW 1ML-12-9-24	NENE	12	090S	240E	4304736522		Federal	GW	APD
BSW 11ML-13-9-24	BSW 11ML-13-9-24	NESW	13	090S	240E	4304736523		Federal	GW	APD
NBE 7ML-26-9-23	NBE 7ML-26-9-23	SWNE	26	090S	230E	4304736587	16008	Federal	GW	DRL
NBE 8ML-26-9-23	NBE 8ML-26-9-23	SENE	26	090S	230E	4304736588	15689	Federal	GW	P
NBE 1ML-26-9-23	NBE 1ML-26-9-23	NENE	26	090S	230E	4304736589	15880	Federal	GW	DRL
NBE 2ML-26-9-23	NBE 2ML-26-9-23	NWNE	26	090S	230E	4304736590	15898	Federal	GW	DRL
NBE 3ML-26-9-23	NBE 3ML-26-9-23	NENW	26	090S	230E	4304736591	15906	Federal	GW	DRL
NBE 5ML-26-9-23	NBE 5ML-26-9-23	SWNW	26	090S	230E	4304736592	15839	Federal	GW	DRL
NBE 9ML-10-9-23	NBE 9ML-10-9-23	NESE	10	090S	230E	4304736593	15438	Federal	GW	P
NBE 11ML-10-9-23	NBE 11ML-10-9-23	NESW	10	090S	230E	4304736594	15228	Federal	GW	P
NBE 15ML-10-9-23	NBE 15ML-10-9-23	SWSE	10	090S	230E	4304736595	15439	Federal	GW	P
NBE 1ML-12-9-23	NBE 1ML-12-9-23	NENE	12	090S	230E	4304736613		Federal	GW	APD
NBE 2ML-17-9-23	NBE 2ML-17-9-23	NWNE	17	090S	230E	4304736614	15126	Federal	GW	P
NBE 4ML-17-9-23	NBE 4ML-17-9-23	NWNW	17	090S	230E	4304736615	15177	Federal	GW	P
NBE 6ML-17-9-23	NBE 6ML-17-9-23	SENW	17	090S	230E	4304736616	15127	Federal	GW	P
NBE 10ML-17-9-23	NBE 10ML-17-9-23	NWSE	17	090S	230E	4304736617	15128	Federal	GW	P
NBE 14ML-17-9-23	NBE 14ML-17-9-23	SESW	17	090S	230E	4304736618	15088	Federal	GW	P
NBE 9ML-26-9-23	NBE 9ML-26-9-23	NESE	26	090S	230E	4304736619	15322	Federal	GW	P
NBE 10D-26-9-23	NBE 10D-26-9-23	NWSE	26	090S	230E	4304736620	15975	Federal	GW	DRL
NBE 12ML-26-9-23	NBE 12ML-26-9-23	NWSW	26	090S	230E	4304736621	15840	Federal	GW	DRL
NBE 13ML-26-9-23	NBE 13ML-26-9-23	SWSW	26	090S	230E	4304736622	15690	Federal	GW	P
NBE 14ML-26-9-23	NBE 14ML-26-9-23	SESW	26	090S	230E	4304736623	15262	Federal	GW	P
NBE 16ML-26-9-23	NBE 16ML-26-9-23	SESE	26	090S	230E	4304736624	15735	Federal	GW	P
RWS 13ML-14-9-24	RWS 13ML-14-9-24	SWSW	14	090S	240E	4304736737		Federal	GW	APD
RWS 12ML-14-9-24	RWS 12ML-14-9-24	NWSW	14	090S	240E	4304736738		Federal	GW	APD
SG 3MU-23-8-22	SG 3MU-23-8-22	SESW	14	080S	220E	4304736940	15100	Federal	GW	P
NBE 5ML-17-9-23	NBE 5ML-17-9-23	SWNW	17	090S	230E	4304736941	15101	Federal	GW	P
WWT 2ML-25-8-24	WWT 2ML-25-8-24	NWNE	25	080S	240E	4304737301		Federal	GW	APD
WWT 1ML-25-8-24	WWT 1ML-25-8-24	NENE	25	080S	240E	4304737302		Federal	GW	APD
HK 15ML-19-8-25	HK 15ML-19-8-25	SWSE	19	080S	250E	4304737303		Federal	GW	APD
WT 13ML-19-8-25	WT 13ML-19-8-25	SWSW	19	080S	250E	4304737304		Federal	GW	APD
HK 3ML-29-8-25	HK 3ML-29-8-25	NENW	29	080S	250E	4304737305		Federal	GW	APD
HK 5ML-29-8-25	HK 5ML-29-8-25	SWNW	29	080S	250E	4304737330		Federal	GW	APD
HK 2ML-30-8-25	HK 2ML-30-8-25	NWNE	30	080S	250E	4304737331		Federal	GW	APD
HK 5ML-30-8-25	HK 5ML-30-8-25	SWNW	30	080S	250E	4304737332		Federal	GW	APD
HK 10ML-30-8-25	HK 10ML-30-8-25	NWSE	30	080S	250E	4304737333		Federal	GW	APD
HK 14ML-30-8-25	HK 14ML-30-8-25	SESW	30	080S	250E	4304737334		Federal	GW	APD
HK 6ML-30-8-25	HK 6ML-30-8-25	SENW	30	080S	250E	4304737348		Federal	GW	APD
HK 8ML-30-8-25	HK 8ML-30-8-25	SENE	30	080S	250E	4304737349		Federal	GW	APD
WWT 7ML-25-8-24	WWT 7ML-25-8-24	SWNE	25	080S	240E	4304737407		Federal	GW	APD
WWT 9ML-25-8-24	WWT 9ML-25-8-24	NESE	25	080S	240E	4304737408		Federal	GW	APD
WWT 10ML-25-8-24	WWT 10ML-25-8-24	NWSE	25	080S	240E	4304737409		Federal	GW	APD

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WWT 15ML-25-8-24	WWT 15ML-25-8-24	SWSE	25	080S	240E	4304737410		Federal	GW	APD
BBS 15G-22-7-21	BBS 15G-22-7-21	SWSE	22	070S	210E	4304737443	15688	Federal	OW	P
WWT 15ML-13-8-24	WWT 15ML-13-8-24	SWSE	13	080S	240E	4304737524		Federal	GW	APD
WWT 16ML-13-8-24	WWT 16ML-13-8-24	SESE	13	080S	240E	4304737525		Federal	GW	APD
COY 6ML-23-8-24	COY 6ML-23-8-24	SENW	23	080S	240E	4304737526		Federal	GW	APD
NBZ 8ML-23-8-24	NBZ 8ML-23-8-24	SENE	23	080S	240E	4304737527		Federal	GW	APD
COY 9ML-23-8-24	COY 9ML-23-8-24	NESE	23	080S	240E	4304737528		Federal	GW	APD
NBZ 15ML-23-8-24	NBZ 15ML-23-8-24	SWSE	23	080S	240E	4304737529		Federal	GW	APD
COY 16ML-23-8-24	COY 16ML-23-8-24	SESE	23	080S	240E	4304737530		Federal	GW	APD
COY 5ML-24-8-24	COY 5ML-24-8-24	SWNW	24	080S	240E	4304737531		Federal	GW	APD
COY 6ML-24-8-24	COY 6ML-24-8-24	SENW	24	080S	240E	4304737532		Federal	GW	APD
COY 6ML-21-8-24	COY 6ML-21-8-24	SENW	21	080S	240E	4304737584		Federal	GW	APD
COY 4ML-21-8-24	COY 4ML-21-8-24	NWNW	21	080S	240E	4304737585		Federal	GW	APD
COY 14ML-21-8-24	COY 14ML-21-8-24	SESW	21	080S	240E	4304737586		Federal	GW	APD
COY 15ML-21-8-24	COY 15ML-21-8-24	SWSE	21	080S	240E	4304737587		Federal	GW	NEW
WWT 1ML-24-8-24	WWT 1ML-24-8-24	NENE	24	080S	240E	4304737590		Federal	GW	APD
RWS 13ML-23-9-24	RWS 13ML-23-9-24	SWSW	23	090S	240E	4304737591		Federal	GW	APD
WWT 8ML-24-8-24	WWT 8ML-24-8-24	SENE	24	080S	240E	4304737640		Federal	GW	APD
GB 16ML-20-8-22	GB 16ML-20-8-22	SESE	20	080S	220E	4304737664	15948	Federal	GW	DRL
NBZ 1ML-29-8-24	NBZ 1ML-29-8-24	NENE	29	080S	240E	4304737666		Federal	GW	APD
WWT 16ML-24-8-24	WWT 16ML-24-8-24	SESE	24	080S	240E	4304737930		Federal	GW	APD
WWT 15ML-24-8-24	WWT 15ML-24-8-24	SWSE	24	080S	240E	4304737931		Federal	GW	APD
COY 14ML-24-8-24	COY 14ML-24-8-24	SESW	24	080S	240E	4304737932		Federal	GW	APD
COY 13ML-24-8-24	COY 13ML-24-8-24	SWSW	24	080S	240E	4304737933		Federal	GW	APD
COY 11ML-24-8-24	COY 11ML-24-8-24	NESW	24	080S	240E	4304737934		Federal	GW	APD
COY 15ML-14-8-24	COY 15ML-14-8-24	SWSE	14	080S	240E	4304737935		Federal	GW	APD
COY 14ML-14-8-24	COY 14ML-14-8-24	SESW	14	080S	240E	4304737936		Federal	GW	APD
COY 12ML-14-8-24	COY 12ML-14-8-24	NWSW	14	080S	240E	4304737937		Federal	GW	APD
COY 11ML-14-8-24	COY 11ML-14-8-24	NESW	14	080S	240E	4304737938		Federal	GW	APD
WVX 8ML-5-8-22	WVX 8ML-5-8-22	SENE	05	080S	220E	4304738140		Federal	GW	APD
WVX 6ML-5-8-22	WVX 6ML-5-8-22	SENW	05	080S	220E	4304738141		Federal	GW	APD
BBS 5G-23-7-21	BBS 5G-23-7-21	SWNW	23	070S	210E	4304738471		Federal	OW	APD
GB 12SG-29-8-22	GB 12SG-29-8-22	NWSW	29	080S	220E	4304738766		Federal	GW	APD
GB 10SG-30-8-22	GB 10SG-30-8-22	NWSE	30	080S	220E	4304738767		Federal	GW	APD
NBE 12SWD-10-9-23	NBE 12SWD-10-9-23	NWSW	10	090S	230E	4304738875		Federal	WD	APD
OP 16MU-3-7-20	OP 16MU-3-7-20	SESE	03	070S	200E	4304738944		Federal	OW	APD
WF 1P-1-15-19	WF 1P-1-15-19	NWNW	06	150S	200E	4304736781	14862	Indian	GW	S

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER _____

2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 CITY Denver STATE CO ZIP 80265 PHONE NUMBER: (303) 308-3068

4. LOCATION OF WELL
FOOTAGES AT SURFACE: attached
COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: 1/1/2007	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Operator Name Change
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

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

Effective January 1, 2007 operator of record, QEP Uinta Basin, Inc., will hereafter be known as QUESTAR EXPLORATION AND PRODUCTION COMPANY. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:
Federal Bond Number: 965002976 (BLM Reference No. ESB000024)
Utah State Bond Number: 965003033
Fee Land Bond Number: 965003033
Current operator of record, QEP UINTA BASIN, INC., hereby resigns as operator of the properties as described on the attached list.

Jay B. Neese, Executive Vice President, QEP Uinta Basin, Inc.

Successor operator of record, QUESTAR EXPLORATION AND PRODUCTION COMPANY, hereby assumes all rights, duties and obligations as operator of the properties as described on the attached list

Jay B. Neese, Executive Vice President
Questar Exploration and Production Company

NAME (PLEASE PRINT) Debra K. Stanberry TITLE Supervisor, Regulatory Affairs
SIGNATURE _____ DATE 3/16/2007

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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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER _____
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 CITY Denver STATE CO ZIP 80265 PHONE NUMBER: (303) 308-3068
4. LOCATION OF WELL
FOOTAGES AT SURFACE: attached
COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: 1/1/2007	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Well Name Changes
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

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

PER THE ATTACHED LIST OF WELLS, QUESTAR EXPLORATION AND PRODUCTION COMPANY REQUESTS THAT THE INDIVIDUAL WELL NAMES BE UPDATED IN YOUR RECORDS.

NAME (PLEASE PRINT) Debra K. Stanberry TITLE Supervisor, Regulatory Affairs
SIGNATURE _____ DATE 4/17/2007

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APR 19 2007
DIV. OF OIL, GAS & MINING

(5/2000)

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United States Department of the Interior

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

TAKE PRIDE IN AMERICA

IN REPLY REFER TO:
3100
(UT-922)

January 23, 2008

Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Name Change Approval

Attached is a certified copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the merger from the Eastern States state office. We have updated our records to reflect the name change in the attached list of leases.

The name change from **QEP Uinta Basin, Inc.** into **Questar Exploration and Production Co.** is effective May 1, 2007, which is a correction to the effective dated stated in the decision letter. For verification of effective date, please refer to the name change certificate from the State of Texas.

/s/ Leslie Wilcken

Leslie Wilcken
Land Law Examiner
Branch of Fluid Minerals

cc: MMS
State of Utah, DOGM,

bcc: Dave Mascarenas
Susan Bauman
Connie Seare

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Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

Change of Operator (Well Sold) **X - Operator Name Change**

The operator of the well(s) listed below has changed, effective: **6/14/2010**

FROM: (Old Operator):	**TO:** (New Operator):
N5085-Questar Exploration and Production Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 308-3048	N3700-QEP Energy Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 308-3048

CA No. **Unit:**

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

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/28/2010
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/28/2010
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 6/24/2010

4a. Is the new operator registered in the State of Utah: Business Number: 764611-0143

5a. (R649-9-2)Waste Management Plan has been received on: Requested

5b. Inspections of LA PA state/fee well sites complete on: n/a

5c. Reports current for Production/Disposition & Sundries on: ok

6. **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 8/16/2010 BIA not yet
7. **Federal and Indian Units:**
   The BLM or BIA has approved the successor of unit operator for wells listed on: 8/16/2010
8. **Federal and Indian Communization Agreements ("CA"):**
   The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
9. **Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to **Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 6/29/2010

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 6/30/2010
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 6/30/2010
3. Bond information entered in RBDMS on: 6/30/2010
4. Fee/State wells attached to bond in RBDMS on: 6/30/2010
5. Injection Projects to new operator in RBDMS on: 6/30/2010
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: ESB000024
2. Indian well(s) covered by Bond Number: 965010693

3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965010695

3b. The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

4. (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

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5. LEASE DESIGNATION AND SERIAL NUMBER: See attached

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

7. UNIT or CA AGREEMENT NAME: See attached

8. WELL NAME and NUMBER: See attached

9. API NUMBER: Attached

10. FIELD AND POOL, OR WILDCAT: See attached

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER

2. NAME OF OPERATOR: Questar Exploration and Production Company N5085

3. ADDRESS OF OPERATOR: 1050 17th Street, Suite 500 CITY Denver STATE CO ZIP 80265 PHONE NUMBER: (303) 672-6900

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See attached

COUNTY: Attached

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: 6/14/2010	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Operator Name Change
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

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

Effective June 14, 2010 Questar Exploration and Production Company changed its name to QEP Energy Company. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:
Federal Bond Number: 965002976 (BLM Reference No. ESB000024) N3700
Utah State Bond Number: ~~965003033~~ 965010695
Fee Land Bond Number: ~~965003033~~
BIA Bond Number: ~~799446~~ 965010693

The attached document is an all inclusive list of the wells operated by Questar Exploration and Production Company. As of June 14, 2010 QEP Energy Company assumes all rights, duties and obligations as operator of the properties as described on the list

NAME (PLEASE PRINT): Morgan Anderson TITLE: Regulatory Affairs Analyst

SIGNATURE: Morgan Anderson DATE: 6/23/2010

(This space for State use only)

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JUN 28 2010
DIV. OF OIL, GAS & MINING

APPROVED 6/30/2009
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

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

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
WEST RIVER BEND 3-12-10-15	12	100S	150E	4301331888	14542	Federal	OW	P	C
WEST RIVER BEND 16-17-10-17	17	100S	170E	4301332057	14543	Federal	OW	P	
WEST DESERT SPRING 11-20-10-17	20	100S	170E	4301332088	14545	Federal	OW	S	
GD 8G-35-9-15	35	090S	150E	4301333821		Federal	OW	APD	C
GD 9G-35-9-15	35	090S	150E	4301333822		Federal	OW	APD	C
GD 10G-35-9-15	35	090S	150E	4301333823		Federal	OW	APD	C
GD 11G-35-9-15	35	090S	150E	4301333824		Federal	OW	APD	C
GD 12G-35-9-15	35	090S	150E	4301333825		Federal	OW	APD	C
GD 13G-35-9-15	35	090S	150E	4301333826		Federal	OW	APD	C
GD 1G-34-9-15	34	090S	150E	4301333827	16920	Federal	OW	P	
GD 2G-34-9-15	34	090S	150E	4301333828		Federal	OW	APD	C
GD 7G-34-9-15	34	090S	150E	4301333829		Federal	OW	APD	C
GD 7G-35-9-15	35	090S	150E	4301333830		Federal	OW	APD	C
GD 14G-35-9-15	35	090S	150E	4301333831		Federal	OW	APD	C
GD 15G-35-9-15	35	090S	150E	4301333832		Federal	OW	APD	C
GD 16G-35-9-15	35	090S	150E	4301333833	16921	Federal	OW	P	
GD 1G-35-9-15	35	090S	150E	4301333834		Federal	OW	APD	C
GD 2G-35-9-15	35	090S	150E	4301333835		Federal	OW	APD	C
GD 3G-35-9-15	35	090S	150E	4301333836		Federal	OW	APD	C
GD 4G-35-9-15	35	090S	150E	4301333837		Federal	OW	APD	C
GD 5G-35-9-15	35	090S	150E	4301333838		Federal	OW	APD	C
GD 6G-35-9-15	35	090S	150E	4301333839		Federal	OW	APD	C
GD 8G-34-9-15	34	090S	150E	4301333840		Federal	OW	APD	C
GD 9G-34-9-15	34	090S	150E	4301333841		Federal	OW	APD	C
GD 10G-34-9-15	34	090S	150E	4301333842		Federal	OW	APD	C
GD 15G-34-9-15	34	090S	150E	4301333843		Federal	OW	APD	C
GD 16G-34-9-15	34	090S	150E	4301333844		Federal	OW	APD	C
GOVT 18-2	18	230S	170E	4301930679	2575	Federal	OW	P	
FEDERAL 2-29-7-22	29	070S	220E	4304715423	5266	Federal	GW	TA	
UTAH FED D-1	14	070S	240E	4304715936	10699	Federal	GW	S	
UTAH FED D-2	25	070S	240E	4304715937	9295	Federal	GW	S	
PRINCE 1	10	070S	240E	4304716199	7035	Federal	GW	P	
UTAH FED D-4	14	070S	240E	4304731215	9297	Federal	GW	S	
ISLAND UNIT 16	11	100S	180E	4304731505	1061	Federal	OW	S	
EAST COYOTE FED 14-4-8-25	04	080S	250E	4304732493	11630	Federal	OW	P	
PRINCE 4	03	070S	240E	4304732677	7035	Federal	OW	P	
GH 21 WG	21	080S	210E	4304732692	11819	Federal	GW	P	
OU SG 6-14-8-22	14	080S	220E	4304732746	11944	Federal	GW	S	
FLU KNOLLS FED 23-3	03	100S	180E	4304732754	12003	Federal	OW	P	
GH 22 WG	22	080S	210E	4304732818	12336	Federal	GW	P	
OU GB 12W-20-8-22	20	080S	220E	4304733249	13488	Federal	GW	P	
OU GB 15-18-8-22	18	080S	220E	4304733364	12690	Federal	GW	P	
OU GB 3W-17-8-22	17	080S	220E	4304733513	12950	Federal	GW	P	
OU GB 5W-17-8-22	17	080S	220E	4304733514	12873	Federal	GW	P	
WV 9W-8-8-22	08	080S	220E	4304733515	13395	Federal	GW	P	
OU GB 9W-18-8-22	18	080S	220E	4304733516	12997	Federal	GW	P	
OU GB 3W-20-8-22	20	080S	220E	4304733526	13514	Federal	GW	P	
OU GB 12W-30-8-22	30	080S	220E	4304733670	13380	Federal	GW	P	
WV 10W-8-8-22	08	080S	220E	4304733814	13450	Federal	GW	P	
GH 7W-21-8-21	21	080S	210E	4304733845	13050	Federal	GW	P	
GH 9W-21-8-21	21	080S	210E	4304733846	13074	Federal	GW	P	

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Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
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well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
GH 11W-21-8-21	21	080S	210E	4304733847	13049	Federal	GW	P	
GH 15W-21-8-21	21	080S	210E	4304733848	13051	Federal	GW	P	
WV 2W-9-8-21	09	080S	210E	4304733905	13676	Federal	GW	P	
WV 7W-22-8-21	22	080S	210E	4304733907	13230	Federal	GW	P	
WV 9W-23-8-21	23	080S	210E	4304733909	13160	Federal	GW	P	
GH 14W-20-8-21	20	080S	210E	4304733915	13073	Federal	GW	P	
OU GB 4W-30-8-22	30	080S	220E	4304733945	13372	Federal	GW	P	
OU GB 9W-19-8-22	19	080S	220E	4304733946	13393	Federal	GW	P	
OU GB 10W-30-8-22	30	080S	220E	4304733947	13389	Federal	GW	P	
OU GB 12W-19-8-22	19	080S	220E	4304733948	13388	Federal	GW	P	
GB 9W-25-8-21	25	080S	210E	4304733960	13390	Federal	GW	P	
SU 1W-5-8-22	05	080S	220E	4304733985	13369	Federal	GW	P	
SU 3W-5-8-22	05	080S	220E	4304733987	13321	Federal	OW	S	
SU 7W-5-8-22	05	080S	220E	4304733988	13235	Federal	GW	P	
SU 9W-5-8-22	05	080S	220E	4304733990	13238	Federal	GW	P	
SU 13W-5-8-22	05	080S	220E	4304733994	13236	Federal	GW	TA	
SU 15W-5-8-22	05	080S	220E	4304733996	13240	Federal	GW	P	
WV 8W-8-8-22	08	080S	220E	4304734005	13320	Federal	GW	P	
WV 14W-8-8-22	08	080S	220E	4304734007	13322	Federal	GW	S	
OU GB 6W-20-8-22	20	080S	220E	4304734018	13518	Federal	GW	P	
OU GB 5W-30-8-22	30	080S	220E	4304734025	13502	Federal	GW	P	
OU GB 11W-20-8-22	20	080S	220E	4304734039	13413	Federal	GW	P	
OU GB 4W-20-8-22	20	080S	220E	4304734043	13520	Federal	GW	P	
GH 5W-21-8-21	21	080S	210E	4304734147	13387	Federal	GW	P	
GH 6W-21-8-21	21	080S	210E	4304734148	13371	Federal	GW	P	
GH 8W-21-8-21	21	080S	210E	4304734149	13293	Federal	GW	P	
GH 10W-20-8-21	20	080S	210E	4304734151	13328	Federal	GW	P	
GH 10W-21-8-21	21	080S	210E	4304734152	13378	Federal	GW	P	
GH 12W-21-8-21	21	080S	210E	4304734153	13294	Federal	GW	P	
GH 14W-21-8-21	21	080S	210E	4304734154	13292	Federal	GW	P	
GH 16W-21-8-21	21	080S	210E	4304734157	13329	Federal	GW	P	
WV 2W-3-8-21	03	080S	210E	4304734207	13677	Federal	GW	P	
OU GB 5W-20-8-22	20	080S	220E	4304734209	13414	Federal	GW	P	
WV 6W-22-8-21	22	080S	210E	4304734272	13379	Federal	GW	P	
GH 1W-20-8-21	20	080S	210E	4304734327	13451	Federal	GW	P	
GH 2W-20-8-21	20	080S	210E	4304734328	13527	Federal	GW	P	
GH 3W-20-8-21	20	080S	210E	4304734329	13728	Federal	GW	P	
GH 7W-20-8-21	20	080S	210E	4304734332	13537	Federal	GW	P	
GH 9W-20-8-21	20	080S	210E	4304734333	13411	Federal	GW	P	
GH 11W-20-8-21	20	080S	210E	4304734334	13410	Federal	GW	P	
GH 15W-20-8-21	20	080S	210E	4304734335	13407	Federal	GW	P	
GH 16W-20-8-21	20	080S	210E	4304734336	13501	Federal	GW	P	
WV 12W-23-8-21	23	080S	210E	4304734343	13430	Federal	GW	P	
OU GB 13W-20-8-22	20	080S	220E	4304734348	13495	Federal	GW	P	
OU GB 14W-20-8-22	20	080S	220E	4304734349	13507	Federal	GW	P	
OU GB 11W-29-8-22	29	080S	220E	4304734350	13526	Federal	GW	P	
SU PURDY 14M-30-7-22	30	070S	220E	4304734384	13750	Federal	GW	S	
WVX 11G-5-8-22	05	080S	220E	4304734388	13422	Federal	OW	P	
WVX 13G-5-8-22	05	080S	220E	4304734389	13738	Federal	OW	P	
WVX 15G-5-8-22	05	080S	220E	4304734390	13459	Federal	OW	P	
SU BRENNAN W 15W-18-7-22	18	070S	220E	4304734403	13442	Federal	GW	TA	

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SU 16W-5-8-22	05	080S	220E	4304734446	13654	Federal	GW	P	
SU 2W-5-8-22	05	080S	220E	4304734455	13700	Federal	GW	P	
SU 10W-5-8-22	05	080S	220E	4304734456	13540	Federal	GW	P	
WV 16W-8-8-22	08	080S	220E	4304734470	13508	Federal	GW	P	
OU GB 16WX-30-8-22	30	080S	220E	4304734506	13431	Federal	GW	P	
OU GB 1W-19-8-22	19	080S	220E	4304734512	13469	Federal	GW	P	
OU GB 2W-19-8-22	19	080S	220E	4304734513	13461	Federal	GW	P	
OU GB 5W-19-8-22	19	080S	220E	4304734514	13460	Federal	GW	P	
OU GB 7W-19-8-22	19	080S	220E	4304734515	13462	Federal	GW	P	
OU GB 8W-19-8-22	19	080S	220E	4304734516	13489	Federal	GW	P	
OU GB 11W-19-8-22	19	080S	220E	4304734517	13467	Federal	GW	P	
OU GB 16W-19-8-22	19	080S	220E	4304734522	13476	Federal	GW	P	
OU GB 1W-30-8-22	30	080S	220E	4304734528	13487	Federal	GW	S	
OU GB 3W-30-8-22	30	080S	220E	4304734529	13493	Federal	GW	P	
OU GB 6W-30-8-22	30	080S	220E	4304734530	13519	Federal	GW	P	
OU GB 7W-30-8-22	30	080S	220E	4304734531	13494	Federal	GW	P	
OU GB 8W-30-8-22	30	080S	220E	4304734532	13483	Federal	GW	P	
OU GB 9W-30-8-22	30	080S	220E	4304734533	13500	Federal	GW	P	
OU GB 6W-19-8-22	19	080S	220E	4304734534	13475	Federal	GW	P	
OU GB 10W-19-8-22	19	080S	220E	4304734535	13479	Federal	GW	P	
OU GB 13W-19-8-22	19	080S	220E	4304734536	13478	Federal	GW	P	
OU GB 14W-19-8-22	19	080S	220E	4304734537	13484	Federal	GW	P	
OU GB 15W-19-8-22	19	080S	220E	4304734538	13482	Federal	GW	P	
OU GB 12W-17-8-22	17	080S	220E	4304734542	13543	Federal	GW	P	
OU GB 6W-17-8-22	17	080S	220E	4304734543	13536	Federal	GW	P	
OU GB 13W-17-8-22	17	080S	220E	4304734544	13547	Federal	GW	P	
OU GB 6W-29-8-22	29	080S	220E	4304734545	13535	Federal	GW	P	
OU GB 3W-29-8-22	29	080S	220E	4304734546	13509	Federal	GW	P	
OU GB 13W-29-8-22	29	080S	220E	4304734547	13506	Federal	GW	P	
OU GB 4W-29-8-22	29	080S	220E	4304734548	13534	Federal	GW	P	
OU GB 5W-29-8-22	29	080S	220E	4304734549	13505	Federal	GW	P	
OU GB 14W-17-8-22	17	080S	220E	4304734550	13550	Federal	GW	P	
OU GB 11W-17-8-22	17	080S	220E	4304734553	13671	Federal	GW	P	
OU GB 14W-29-8-22	29	080S	220E	4304734554	13528	Federal	GW	P	
OU GB 2W-17-8-22	17	080S	220E	4304734559	13539	Federal	GW	P	
OU GB 7W-17-8-22	17	080S	220E	4304734560	13599	Federal	GW	P	
OU GB 16W-18-8-22	18	080S	220E	4304734563	13559	Federal	GW	P	
OU GB 1W-29-8-22	29	080S	220E	4304734573	13562	Federal	GW	P	
OU GB 7W-29-8-22	29	080S	220E	4304734574	13564	Federal	GW	P	
OU GB 8W-29-8-22	29	080S	220E	4304734575	13609	Federal	GW	S	
OU GB 9W-29-8-22	29	080S	220E	4304734576	13551	Federal	GW	P	
OU GB 10W-29-8-22	29	080S	220E	4304734577	13594	Federal	GW	P	
OU GB 15W-29-8-22	29	080S	220E	4304734578	13569	Federal	GW	P	
OU GB 2W-20-8-22	20	080S	220E	4304734599	13664	Federal	GW	P	
OU GB 2W-29-8-22	29	080S	220E	4304734600	13691	Federal	GW	P	
OU GB 15W-17-8-22	17	080S	220E	4304734601	13632	Federal	GW	P	
OU GB 16W-17-8-22	17	080S	220E	4304734602	13639	Federal	GW	P	
OU GB 16W-29-8-22	29	080S	220E	4304734603	13610	Federal	GW	P	
OU GB 1W-20-8-22	20	080S	220E	4304734604	13612	Federal	GW	P	
OU GB 1W-17-8-22	17	080S	220E	4304734623	13701	Federal	GW	P	
OU GB 9W-17-8-22	17	080S	220E	4304734624	13663	Federal	GW	P	

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OU GB 10W-17-8-22	17	080S	220E	4304734625	13684	Federal	GW	P	
OU GB 9W-20-8-22	20	080S	220E	4304734630	13637	Federal	GW	P	
OU GB 10W-20-8-22	20	080S	220E	4304734631	13682	Federal	GW	P	
OU GB 15W-20-8-22	20	080S	220E	4304734632	13613	Federal	GW	P	
OU WIH 15MU-21-8-22	21	080S	220E	4304734634	13991	Federal	GW	P	
OU WIH 13W-21-8-22	21	080S	220E	4304734646	13745	Federal	GW	P	
OU GB 11W-15-8-22	15	080S	220E	4304734648	13822	Federal	GW	P	
OU GB 13W-9-8-22	09	080S	220E	4304734654	13706	Federal	GW	P	
OU WIH 14W-21-8-22	21	080S	220E	4304734664	13720	Federal	GW	P	
OU GB 12WX-29-8-22	29	080S	220E	4304734668	13555	Federal	GW	P	
OU WIH 10W-21-8-22	21	080S	220E	4304734681	13662	Federal	GW	P	
OU GB 4G-21-8-22	21	080S	220E	4304734685	13772	Federal	OW	P	
OU GB 3W-21-8-22	21	080S	220E	4304734686	13746	Federal	GW	P	
OU GB 16SG-30-8-22	30	080S	220E	4304734688	13593	Federal	GW	P	
OU WIH 7W-21-8-22	21	080S	220E	4304734689	13716	Federal	GW	P	
OU GB 5W-21-8-22	21	080S	220E	4304734690	13770	Federal	GW	P	
WIH 1MU-21-8-22	21	080S	220E	4304734693	14001	Federal	GW	P	
OU GB 5G-19-8-22	19	080S	220E	4304734695	13786	Federal	OW	P	
OU GB 7W-20-8-22	20	080S	220E	4304734705	13710	Federal	GW	P	
OU SG 14W-15-8-22	15	080S	220E	4304734710	13821	Federal	GW	P	
OU SG 15W-15-8-22	15	080S	220E	4304734711	13790	Federal	GW	P	
OU SG 16W-15-8-22	15	080S	220E	4304734712	13820	Federal	GW	P	
OU SG 4W-15-8-22	15	080S	220E	4304734713	13775	Federal	GW	P	
OU SG 12W-15-8-22	15	080S	220E	4304734714	13838	Federal	GW	P	
OU GB 5MU-15-8-22	15	080S	220E	4304734715	13900	Federal	GW	P	
OU SG 8W-15-8-22	15	080S	220E	4304734717	13819	Federal	GW	P	
OU SG 9W-15-8-22	15	080S	220E	4304734718	13773	Federal	GW	P	
OU SG 10W-15-8-22	15	080S	220E	4304734719	13722	Federal	GW	P	
OU SG 2MU-15-8-22	15	080S	220E	4304734721	13887	Federal	GW	P	
OU SG 7W-15-8-22	15	080S	220E	4304734722	13920	Federal	GW	P	
OU GB 14SG-29-8-22	29	080S	220E	4304734743	14034	Federal	GW	P	
OU GB 16SG-29-8-22	29	080S	220E	4304734744	13771	Federal	GW	P	
OU GB 13W-10-8-22	10	080S	220E	4304734754	13774	Federal	GW	P	
OU GB 6MU-21-8-22	21	080S	220E	4304734755	14012	Federal	GW	P	
OU SG 10W-10-8-22	10	080S	220E	4304734764	13751	Federal	GW	P	
OU GB 14M-10-8-22	10	080S	220E	4304734768	13849	Federal	GW	P	
OU SG 9W-10-8-22	10	080S	220E	4304734783	13725	Federal	GW	P	
OU SG 16W-10-8-22	10	080S	220E	4304734784	13781	Federal	GW	P	
SU BW 6M-7-7-22	07	070S	220E	4304734837	13966	Federal	GW	P	
GB 3M-27-8-21	27	080S	210E	4304734900	14614	Federal	GW	P	
WVX 11D-22-8-21	22	080S	210E	4304734902	14632	Federal	GW	P	
GB 11M-27-8-21	27	080S	210E	4304734952	13809	Federal	GW	P	
GB 9D-27-8-21	27	080S	210E	4304734956	14633	Federal	GW	P	
GB 1D-27-8-21	27	080S	210E	4304734957	14634	Federal	GW	P	
WRU EIH 2M-35-8-22	35	080S	220E	4304735052	13931	Federal	GW	P	
GH 12MU-20-8-21	20	080S	210E	4304735069	14129	Federal	GW	P	
OU SG 4W-11-8-22	11	080S	220E	4304735071	14814	Federal	GW	OPS	C
OU SG 5W-11-8-22	11	080S	220E	4304735072	14815	Federal	GW	OPS	C
SG 6ML-11-8-22	11	080S	220E	4304735073	14825	Federal	GW	P	
OU SG 5MU-14-8-22	14	080S	220E	4304735076	13989	Federal	GW	P	
OU SG 6MU-14-8-22	14	080S	220E	4304735077	14128	Federal	GW	P	

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SG 12MU-14-8-22	14	080S	220E	4304735078	13921	Federal	GW	P	
OU SG 13MU-14-8-22	14	080S	220E	4304735079	13990	Federal	GW	P	
OU SG 9MU-11-8-22	11	080S	220E	4304735091	13967	Federal	GW	P	
SG 11SG-23-8-22	23	080S	220E	4304735099	13901	Federal	GW	TA	
OU SG 14W-11-8-22	11	080S	220E	4304735114	14797	Federal	GW	OPS	C
SG 5MU-23-8-22	23	080S	220E	4304735115	14368	Federal	GW	P	
SG 6MU-23-8-22	23	080S	220E	4304735116	14231	Federal	GW	P	
SG 14MU-23-8-22	23	080S	220E	4304735117	14069	Federal	GW	P	
SG 12MU-23-8-22	23	080S	220E	4304735188	14412	Federal	GW	P	
SG 13MU-23-8-22	23	080S	220E	4304735190	14103	Federal	GW	P	
WH 7G-10-7-24	10	070S	240E	4304735241	14002	Federal	GW	S	
GB 4D-28-8-21	28	080S	210E	4304735246	14645	Federal	GW	P	
GB 7M-28-8-21	28	080S	210E	4304735247	14432	Federal	GW	P	
GB 14M-28-8-21	28	080S	210E	4304735248	13992	Federal	GW	P	
SG 11MU-23-8-22	23	080S	220E	4304735257	13973	Federal	GW	P	
SG 15MU-14-8-22	14	080S	220E	4304735328	14338	Federal	GW	P	
EIHX 14MU-25-8-22	25	080S	220E	4304735330	14501	Federal	GW	P	
EIHX 11MU-25-8-22	25	080S	220E	4304735331	14470	Federal	GW	P	
NBE 12ML-10-9-23	10	090S	230E	4304735333	14260	Federal	GW	P	
NBE 13ML-17-9-23	17	090S	230E	4304735334	14000	Federal	GW	P	
NBE 4ML-26-9-23	26	090S	230E	4304735335	14215	Federal	GW	P	
SG 7MU-11-8-22	11	080S	220E	4304735374	14635	Federal	GW	S	
SG 1MU-11-8-22	11	080S	220E	4304735375	14279	Federal	GW	P	
OU SG 13W-11-8-22	11	080S	220E	4304735377	14796	Federal	GW	OPS	C
SG 3MU-11-8-22	11	080S	220E	4304735379	14978	Federal	GW	P	
SG 8MU-11-8-22	11	080S	220E	4304735380	14616	Federal	GW	P	
SG 2MU-11-8-22	11	080S	220E	4304735381	14636	Federal	GW	P	
SG 10MU-11-8-22	11	080S	220E	4304735382	14979	Federal	GW	P	
SU 11MU-9-8-21	09	080S	210E	4304735412	14143	Federal	GW	P	
OU GB 8MU-10-8-22	10	080S	220E	4304735422	15321	Federal	GW	OPS	C
EIHX 2MU-25-8-22	25	080S	220E	4304735427	14666	Federal	GW	P	
EIHX 1MU-25-8-22	25	080S	220E	4304735428	14705	Federal	GW	P	
EIHX 7MU-25-8-22	25	080S	220E	4304735429	14682	Federal	GW	P	
EIHX 8MU-25-8-22	25	080S	220E	4304735430	14706	Federal	GW	P	
EIHX 9MU-25-8-22	25	080S	220E	4304735433	14558	Federal	GW	P	
EIHX 16MU-25-8-22	25	080S	220E	4304735434	14502	Federal	GW	P	
EIHX 15MU-25-8-22	25	080S	220E	4304735435	14571	Federal	GW	P	
EIHX 10MU-25-8-22	25	080S	220E	4304735436	14537	Federal	GW	P	
GB 3MU-3-8-22	03	080S	220E	4304735457	14575	Federal	GW	P	
NBE 15M-17-9-23	17	090S	230E	4304735463	14423	Federal	GW	P	
NBE 7ML-17-9-23	17	090S	230E	4304735464	14232	Federal	GW	P	
NBE 3ML-17-9-23	17	090S	230E	4304735465	14276	Federal	GW	P	
NBE 11M-17-9-23	17	090S	230E	4304735466	14431	Federal	GW	P	
NBE 10ML-10-9-23	10	090S	230E	4304735650	14377	Federal	GW	P	
NBE 6ML-10-9-23	10	090S	230E	4304735651	14422	Federal	GW	P	
NBE 12ML-17-9-23	17	090S	230E	4304735652	14278	Federal	GW	P	
NBE 6ML-26-9-23	26	090S	230E	4304735664	14378	Federal	GW	P	
NBE 11ML-26-9-23	26	090S	230E	4304735665	14340	Federal	GW	P	
NBE 15ML-26-9-23	26	090S	230E	4304735666	14326	Federal	GW	P	
SG 4MU-23-8-22	23	080S	220E	4304735758	14380	Federal	GW	P	
SG 11MU-14-8-22	14	080S	220E	4304735829	14486	Federal	GW	P	

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
RB DS FED 1G-7-10-18	07	100S	180E	4304735932	14457	Federal	OW	S	
RB DS FED 14G-8-10-18	08	100S	180E	4304735933	14433	Federal	OW	P	
OU SG 14MU-14-8-22	14	080S	220E	4304735950	14479	Federal	GW	P	
COY 12ML-24-8-24	24	080S	240E	4304736039	14592	Federal	OW	P	
WIH 1AMU-21-8-22	21	080S	220E	4304736060	14980	Federal	GW	P	
SU 8M-12-7-21	12	070S	210E	4304736096	16610	Federal	GW	OPS	C
NBE 4ML-10-9-23	10	090S	230E	4304736098	15732	Federal	GW	P	
NBE 8ML-10-9-23	10	090S	230E	4304736099	15733	Federal	GW	P	
NBE 16ML-10-9-23	10	090S	230E	4304736100	14728	Federal	GW	S	
SUBW 14M-7-7-22	07	070S	220E	4304736136	15734	Federal	GW	P	
NBE 8ML-12-9-23	12	090S	230E	4304736143	15859	Federal	GW	S	
GB 16D-28-8-21	28	080S	210E	4304736260	14981	Federal	GW	P	
NBE 5ML-10-9-23	10	090S	230E	4304736353	15227	Federal	GW	P	
NBE 7ML-10-9-23	10	090S	230E	4304736355	15850	Federal	GW	P	
NBE 3ML-10-9-23	10	090S	230E	4304736356	15393	Federal	GW	P	
EIHX 4MU-36-8-22	36	080S	220E	4304736444	14875	Federal	GW	P	
EIHX 3MU-36-8-22	36	080S	220E	4304736445	14860	Federal	GW	P	
EIHX 2MU-36-8-22	36	080S	220E	4304736446	14840	Federal	GW	S	
EIHX 1MU-36-8-22	36	080S	220E	4304736447	14861	Federal	GW	P	
NBE 7ML-26-9-23	26	090S	230E	4304736587	16008	Federal	GW	P	
NBE 8ML-26-9-23	26	090S	230E	4304736588	15689	Federal	GW	P	
NBE 1ML-26-9-23	26	090S	230E	4304736589	15880	Federal	GW	P	
NBE 2ML-26-9-23	26	090S	230E	4304736590	15898	Federal	GW	S	
NBE 3ML-26-9-23	26	090S	230E	4304736591	15906	Federal	GW	P	
NBE 5ML-26-9-23	26	090S	230E	4304736592	15839	Federal	GW	P	
NBE 9ML-10-9-23	10	090S	230E	4304736593	15438	Federal	GW	P	
NBE 11ML-10-9-23	10	090S	230E	4304736594	15228	Federal	GW	P	
NBE 15ML-10-9-23	10	090S	230E	4304736595	15439	Federal	GW	P	
NBE 2ML-17-9-23	17	090S	230E	4304736614	15126	Federal	GW	P	
NBE 4ML-17-9-23	17	090S	230E	4304736615	15177	Federal	GW	P	
NBE 6ML-17-9-23	17	090S	230E	4304736616	15127	Federal	GW	S	
NBE 10ML-17-9-23	17	090S	230E	4304736617	15128	Federal	GW	P	
NBE 14ML-17-9-23	17	090S	230E	4304736618	15088	Federal	GW	P	
NBE 9ML-26-9-23	26	090S	230E	4304736619	15322	Federal	GW	P	
NBE 10D-26-9-23	26	090S	230E	4304736620	15975	Federal	GW	S	
NBE 12ML-26-9-23	26	090S	230E	4304736621	15840	Federal	GW	P	
NBE 13ML-26-9-23	26	090S	230E	4304736622	15690	Federal	GW	P	
NBE 14ML-26-9-23	26	090S	230E	4304736623	15262	Federal	GW	P	
NBE 16ML-26-9-23	26	090S	230E	4304736624	15735	Federal	GW	P	
WF 1P-1-15-19	06	150S	200E	4304736781	14862	Indian	GW	P	
SG 3MU-23-8-22	14	080S	220E	4304736940	15100	Federal	GW	P	
NBE 5ML-17-9-23	17	090S	230E	4304736941	15101	Federal	GW	P	
TU 14-9-7-22	09	070S	220E	4304737345	16811	Federal	GW	OPS	C
WF 14C-29-15-19	29	150S	190E	4304737541	15178	Indian	GW	P	
NBE 2ML-10-9-23	10	090S	230E	4304737619	15860	Federal	GW	P	
GB 16ML-20-8-22	20	080S	220E	4304737664	15948	Federal	GW	P	
WVX 8ML-5-8-22	05	080S	220E	4304738140		Federal	GW	APD	C
WVX 6ML-5-8-22	05	080S	220E	4304738141		Federal	GW	APD	C
WVX 1MU-17-8-21	17	080S	210E	4304738156		Federal	GW	APD	C
GH 8-20-8-21	20	080S	210E	4304738157		Federal	GW	APD	C
WVX 4MU-17-8-21	17	080S	210E	4304738190		Federal	GW	APD	C

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
WVX 16MU-18-8-21	18	080S	210E	4304738191		Federal	GW	APD	C
GH 7D-19-8-21	19	080S	210E	4304738267	16922	Federal	GW	P	
WF 8C-15-15-19	15	150S	190E	4304738405	17142	Indian	GW	OPS	C
WVX 1MU-18-8-21	18	080S	210E	4304738659		Federal	GW	APD	C
WVX 9MU-18-8-21	18	080S	210E	4304738660		Federal	GW	APD	C
GB 12SG-29-8-22	29	080S	220E	4304738766	16096	Federal	GW	S	
GB 10SG-30-8-22	30	080S	220E	4304738767	16143	Federal	GW	S	
FR 14P-20-14-20	20	140S	200E	4304739168	16179	Federal	GW	P	
SU 11M-8-7-22	08	070S	220E	4304739175		Federal	GW	APD	C
HB 2M-9-7-22	09	070S	220E	4304739176		Federal	GW	APD	C
SUMA 4M-20-7-22	20	070S	220E	4304739177		Federal	GW	APD	C
SU 16M-31-7-22	31	070S	220E	4304739178		Federal	GW	APD	C
FR 13P-20-14-20	20	140S	200E	4304739226	16719	Federal	GW	P	
SG 11BML-23-8-22	23	080S	220E	4304739230		Federal	GW	APD	C
SG 12DML-23-8-22	23	080S	220E	4304739231		Federal	GW	APD	C
GB 1CML-29-8-22	29	080S	220E	4304739232		Federal	GW	APD	C
NBE 8CD-10-9-23	10	090S	230E	4304739341	16513	Federal	GW	P	
NBE 15AD-10-9-23	10	090S	230E	4304739342		Federal	GW	APD	C
NBE 6DD-10-9-23	10	090S	230E	4304739343		Federal	GW	APD	C
NBE 6AD-10-9-23	10	090S	230E	4304739344		Federal	GW	APD	C
NBE 6BD-10-9-23	10	090S	230E	4304739345		Federal	GW	APD	C
NBE 5DD-10-9-23	10	090S	230E	4304739346	16574	Federal	GW	P	
NBE 7BD-17-9-23	17	090S	230E	4304739347		Federal	GW	APD	C
NBE 4DD-17-9-23	17	090S	230E	4304739348	16743	Federal	GW	P	
NBE 10CD-17-9-23	17	090S	230E	4304739349	16616	Federal	GW	P	
NBE 11CD-17-9-23	17	090S	230E	4304739350		Federal	GW	APD	C
NBE 8BD-26-9-23	26	090S	230E	4304739351	16617	Federal	GW	P	
NBE 3DD-26-9-23	26	090S	230E	4304739352		Federal	GW	APD	C
NBE 3CD-26-9-23	26	090S	230E	4304739353		Federal	GW	APD	C
NBE 7DD-26-9-23	26	090S	230E	4304739354		Federal	GW	APD	C
NBE 12AD-26-9-23	26	090S	230E	4304739355		Federal	GW	APD	C
NBE 5DD-26-9-23	26	090S	230E	4304739356		Federal	GW	APD	C
NBE 13AD-26-9-23	26	090S	230E	4304739357		Federal	GW	APD	C
NBE 14AD-26-9-23	26	090S	230E	4304739358		Federal	GW	APD	C
NBE 9CD-26-9-23	26	090S	230E	4304739359		Federal	GW	APD	C
FR 9P-20-14-20	20	140S	200E	4304739461	17025	Federal	GW	S	
FR 13P-17-14-20	17	140S	200E	4304739462		Federal	GW	APD	C
FR 9P-17-14-20	17	140S	200E	4304739463	16829	Federal	GW	P	
FR 10P-20-14-20	20	140S	200E	4304739465		Federal	GW	APD	C
FR 5P-17-14-20	17	140S	200E	4304739509		Federal	GW	APD	C
FR 15P-17-14-20	17	140S	200E	4304739510		Federal	GW	APD	C
FR 11P-20-14-20	20	140S	200E	4304739587		Federal	GW	APD	
FR 5P-20-14-20	20	140S	200E	4304739588		Federal	GW	APD	C
FR 9P-21-14-20	21	140S	200E	4304739589		Federal	GW	APD	C
FR 13P-21-14-20	21	140S	200E	4304739590		Federal	GW	APD	C
GB 7D-27-8-21	27	080S	210E	4304739661		Federal	GW	APD	C
GB 15D-27-8-21	27	080S	210E	4304739662	16830	Federal	GW	P	
WV 13D-23-8-21	23	080S	210E	4304739663	16813	Federal	GW	P	
WV 15D-23-8-21	23	080S	210E	4304739664	16924	Federal	GW	P	
FR 14P-17-14-20	17	140S	200E	4304739807		Federal	GW	APD	C
FR 12P-20-14-20	20	140S	200E	4304739808		Federal	GW	APD	C

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

Questar Exploration Production Company (N5085) to QEP Energy Company (N3700)
effective June 14, 2010

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
FR 6P-20-14-20	20	140S	200E	4304739809	16925	Federal	GW	P	
FR 3P-21-14-20	21	140S	200E	4304739810		Federal	GW	APD	C
FR 4P-21-14-20	21	140S	200E	4304739811	16771	Federal	GW	P	
FR 8P-21-14-20	21	140S	200E	4304739812		Federal	GW	APD	C
FR 15P-21-14-20	21	140S	200E	4304739815		Federal	GW	APD	C
FR 2P-20-14-20	20	140S	200E	4304740053		Federal	GW	APD	
FR 2P-21-14-20	21	140S	200E	4304740200		Federal	GW	APD	C
WV 11-23-8-21	23	080S	210E	4304740303		Federal	GW	APD	C
GB 12-27-8-21	27	080S	210E	4304740304		Federal	GW	APD	C
GH 11C-20-8-21	20	080S	210E	4304740352		Federal	GW	APD	C
GH 15A-20-8-21	20	080S	210E	4304740353		Federal	GW	APD	C
GH 10BD-21-8-21	21	080S	210E	4304740354		Federal	GW	APD	C
FR 11P-21-14-20	21	140S	200E	4304740366		Federal	GW	APD	C
MELANGE U 1	09	140S	200E	4304740399		Federal	GW	APD	C
OP 16G-12-7-20	12	070S	200E	4304740481	17527	Federal	OW	DRL	C
OP 4G-12-7-20	12	070S	200E	4304740482		Federal	OW	APD	C
WF 8D-21-15-19	21	150S	190E	4304740489		Indian	GW	APD	C
WF 15-21-15-19	21	150S	190E	4304740490		Indian	GW	APD	
WF 4D-22-15-19	22	150S	190E	4304740491		Indian	GW	APD	C

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

United States Department of the Interior

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

TAKE PRIDE IN AMERICA

IN REPLY REFER TO:
3100
(UT-922)

JUL 28 2010

Memorandum

To: Vernal Field Office, Price Field Office, Moab Field Office

From: Chief, Branch of Minerals Roger L Bankert

Subject: Name Change Recognized

Attached is a copy of the Certificate of Name Change issued by the Texas Secretary of State and a decision letter recognizing the name change from the Eastern States Office. We have updated our records to reflect the name change in the attached list of leases.

The name change from **Questar Exploration and Production Company** into **QEP Energy Company** is effective June 8, 2010.

cc: MMS
UDOGM

RECEIVED
AUG 16 2010
DIV. OF OIL, GAS & MINING

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-81003

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: NEMO (GR)

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: RB DS FED 14G-8-10-18

2. NAME OF OPERATOR: QEP ENERGY COMPANY

9. API NUMBER: 43047359330000

3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078

PHONE NUMBER: 303 308-3068 Ext

9. FIELD and POOL or WILDCAT: UTELAND BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0461 FSL 1783 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 08 Township: 10.0S Range: 18.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION

- ✓ NOTICE OF INTENT — Approximate date work will start: 6/1/2012
- ☐ SUBSEQUENT REPORT — Date of Work Completion:
- ☐ SPUD REPORT — Date of Spud:
- ☐ DRILLING REPORT — Report Date:

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
✓ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

QEP Energy Company requests approval to re-enter the existing well bore for the RBDS Federal 14G-8-10-18 and drill a dual lateral horizontal oil well to test the Uteland Butte Member of the Green River Formation. Bottom Hole Footages are: Lateral #1: 550' FNL, 2250' FWL, Sec.8, T10S, R18E, Lease UTU-81003, TD: 9,023' MD. Lateral #2: 2450' FSL, 1600' FEL, Sec.18, T10S, R18E, Lease UTU-74971, TD: 9,387' MD. Ammended surface location footages are: 462' FSL, 1787' FWL. Please refer to the following plans: Surface Use Plan, 8-Point Drilling Plan, Plat Package.

Surf loc.
592224 X
4423032 Y
39.952398
-109.920347

LAT #1
592349 X
4424339 Y
39.964163
-109.918700

LAT #2
591205 X
4422018 Y
39.943372
-109.932408

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Valyn Davis	435 781-4369	Regulatory Affairs Analyst
SIGNATURE N/A		**DATE** 11/29/2011

Approved by the Utah Division of Oil, Gas and Mining

Federal Approval of this Action is Necessary

Date: 12-12-11

By: [signature]

QEP ENERGY COMPANY

Well location, RB DS FEDERAL #14G8-10-18 (DEEPENING), located as shown in the SE 1/4 SW 1/4 of Section 8, T10S, R18E, S.L.B.&M., Uintah County, Utah.

WELL LOCATION PLAT
T10S, R18E, S.L.B.&M.

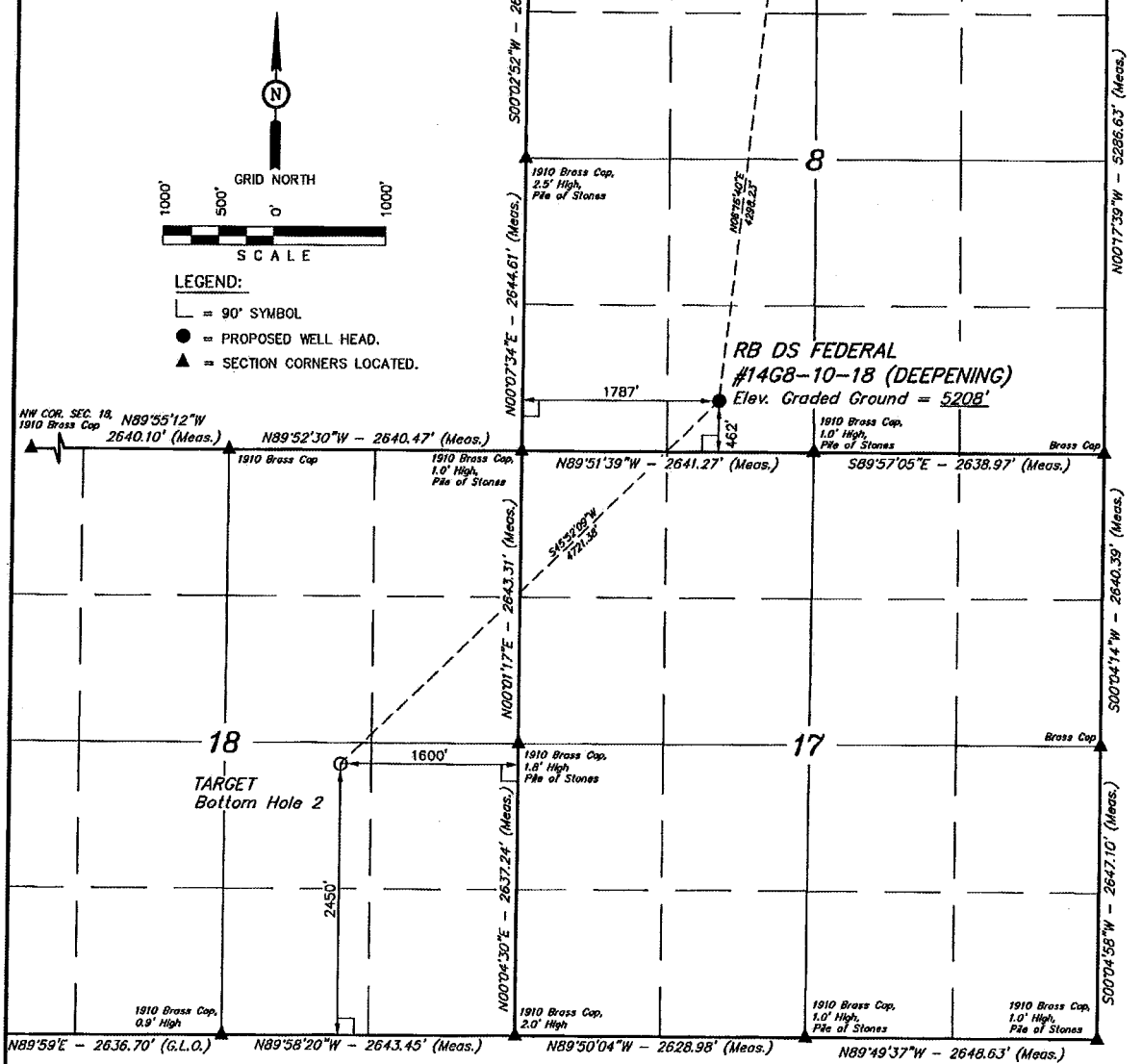
BASIS OF ELEVATION

SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 14, T10S, R18E, S.L.B.&M., TAKEN FROM THE MOON BOTTOM QUADRANGLE, UTAH, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5129 FEET.

BASIS OF BEARINGS

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

VERTICAL CONTROL DATUM: NAVD88



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.

REGISTERED LAND SURVEYOR No. 161319 STATE OF UTAH

ROBERT L. KAY

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REVISED: 11-02-11
REVISED: 10-27-11

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

SCALE 1" = 1000'	DATE SURVEYED: 09-01-11	DATE DRAWN: 09-28-11
PARTY A.F. M.H. C.A.G.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE QEP ENERGY COMPANY	

NAD 83 (TARGET BOTTOM HOLE 1)	NAD 83 (TARGET BOTTOM HOLE 2)	NAD 83 (SURFACE LOCATION)
LATITUDE = 39°57'51.10" (39.964194)	LATITUDE = 39°56'36.38" (39.943439)	LATITUDE = 39°57'08.88" (39.952467)
LONGITUDE = 109°55'07.25" (109.918681)	LONGITUDE = 109°55'56.72" (109.932422)	LONGITUDE = 109°55'13.25" (109.920347)
NAD 27 (TARGET BOTTOM HOLE 1)	NAD 27 (TARGET BOTTOM HOLE 2)	NAD 27 (SURFACE LOCATION)
LATITUDE = 39°57'51.23" (39.964231)	LATITUDE = 39°56'36.51" (39.943475)	LATITUDE = 39°57'09.01" (39.952503)
LONGITUDE = 109°55'04.72" (109.917978)	LONGITUDE = 109°55'54.19" (109.931719)	LONGITUDE = 109°55'10.72" (109.919644)

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)

December 9, 2011

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2011 Plan of Development Nemo Unit, Duchesne and Uintah Counties, 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 planned for re-entry and completion as a dual horizontal well. The work is planned for calendar year 2011 within the Nemo Unit, Uintah County, Utah

API #	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-047-35933	RB DS Fed 14G-8-10-18	0462 FSL 1787 FWL Sec 08 T10S R18E
	LATERAL #1	0550 FNL 2250 FWL Sec 08 T10S R18E
	LATERAL #2	2450 FSL 1600 FEL Sec 18 T10S R18E

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

Michael L. Coulthard

Digitally signed by Michael L. Coulthard
DN: cn=Michael L. Coulthard, o=Bureau of Land Management, ou=Branch of Minerals, email=Michael_Coulthard@blm.gov, c=US
Date: 2011.12.09 12:49:01 -07'00'

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

MCoulthard:mc:12-9-11

QEP Energy Company

Company Name: QEP ENERGY (UT)

Azimuths to True North
Magnetic North: 11.19°

Magnetic Field
Strength: 52203.2snT
Dip Angle: 65.74°
Date: 11/7/2011
Model: IGRF2010

Project: Desert Springs
Site: RB DS FED 14G8-10-18
Well: RB DS FED 14G8-10-18
Wellbore: Lateral 1
Design: Plan ver.0 - Lateral 1

WELL DETAILS: RB DS FED 14G8-10-18

Ground Level: 5207.70

+N/-S	+E/-W	Northing	Easting	Latittude	Longitude	Slot
0.00	0.00	7155320.027	2083216.819	39.952467	-109.920347	

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well RB DS FED 14G8-10-18, True North
Vertical (TVD) Reference: RKB @ 5223.70usft (AZTEC 950)
Section (VS) Reference: Slot - (0.00N, 0.00E)
Measured Depth Reference: RKB @ 5223.70usft (AZTEC 950)
Calculation Method: Minimum Curvature

PROJECT DETAILS: Desert Springs

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Utah Central Zone

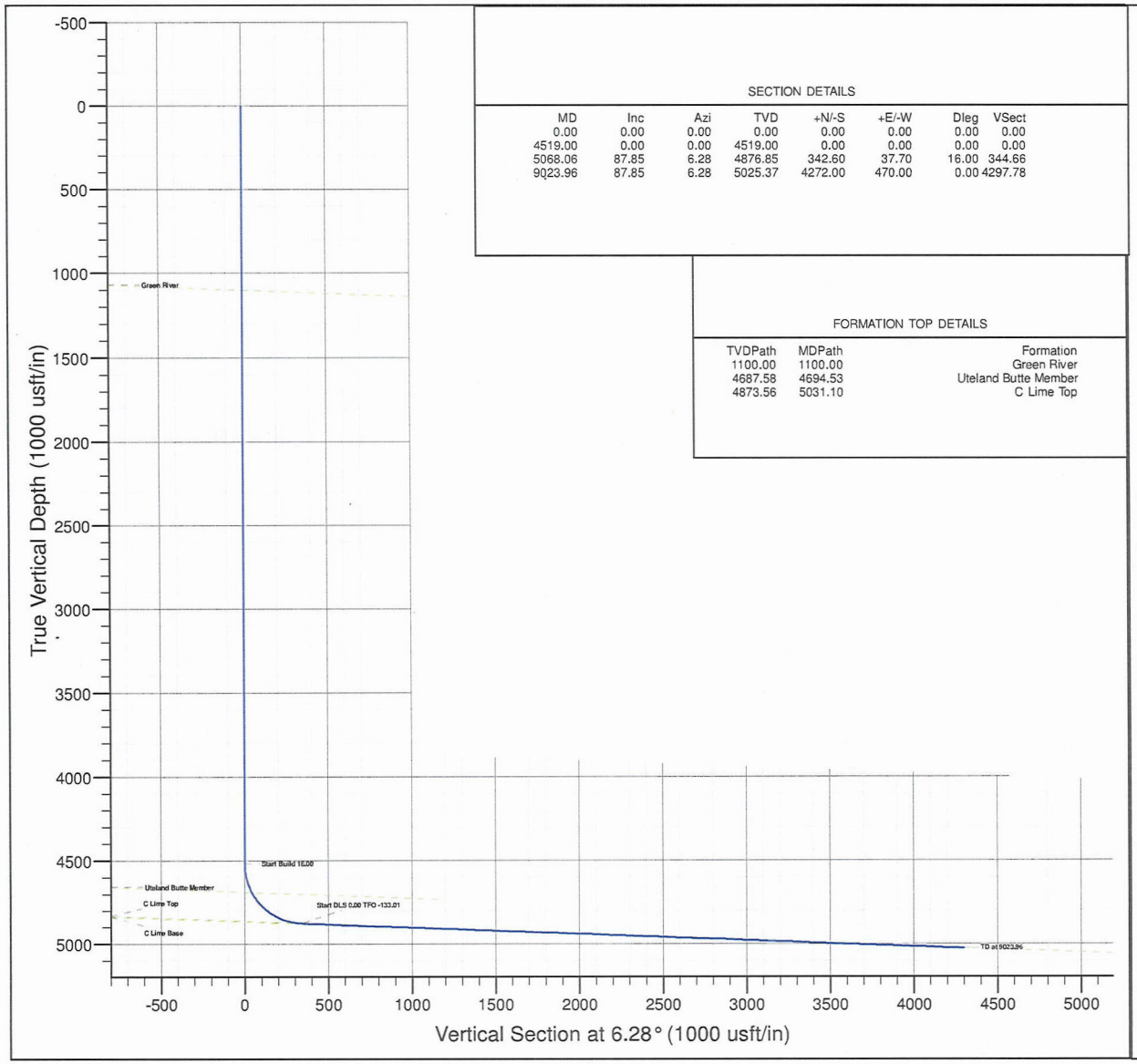
System Datum: Mean Sea Level

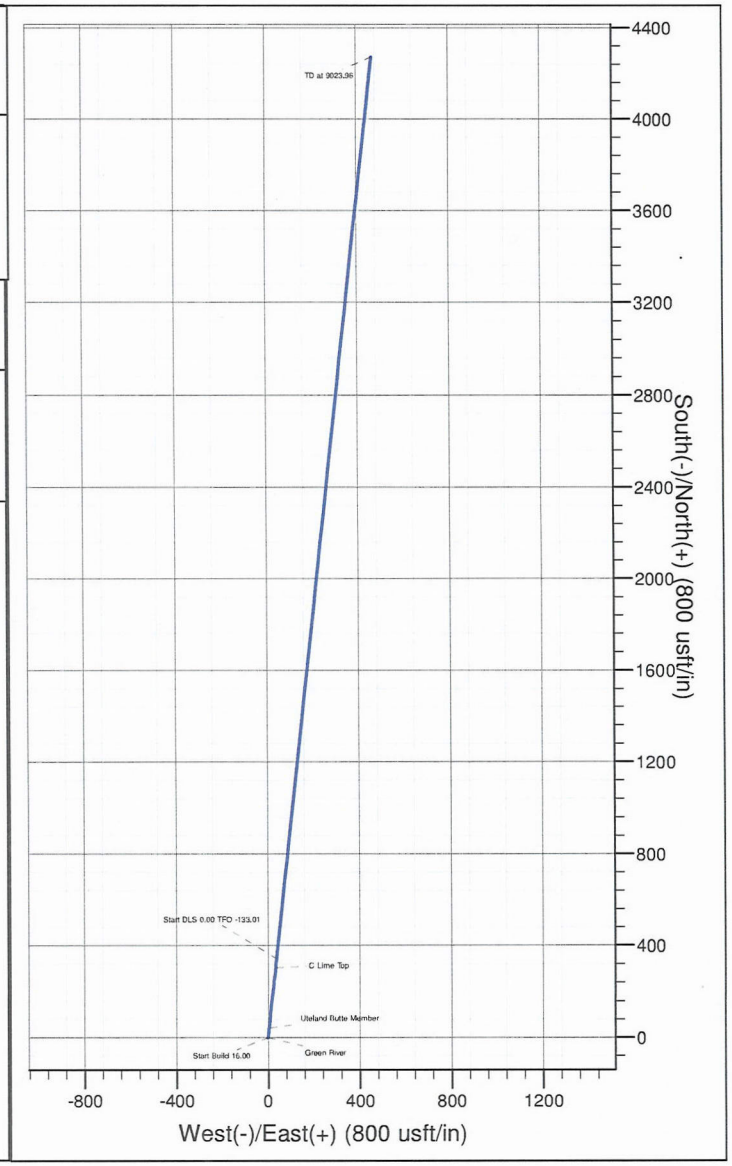
SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	VSect
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4519.00	0.00	0.00	4519.00	0.00	0.00	0.00	0.00
5068.06	87.85	6.28	4876.85	342.60	37.70	16.00	344.66
9023.96	87.85	6.28	5025.37	4272.00	470.00	0.00	4297.78

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
1100.00	1100.00	Green River
4687.58	4694.53	Uteland Butte Member
4873.56	5031.10	C Lime Top





QEP Energy Company

Company Name: QEP ENERGY (UT)

Azimuths to True North
Magnetic North: 11.19°
Magnetic Field
Strength: 52203.2snT
Dip Angle: 65.74°
Date: 11/7/2011
Model: IGRF2010

Project: Desert Springs
Site: RB DS FED 14G8-10-18
Well: RB DS FED 14G8-10-18
Wellbore: Lateral 2
Design: Plan ver.0 - Lateral 2

WELL DETAILS: RB DS FED 14G8-10-18

Ground Level: 5207.70

+N/-S	+E/-W	Northing	Easting	Latittude	Longitude	Slot
0.00	0.00	7155320.027	2083216.819	39.952467	-109.920347	

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well RB DS FED 14G8-10-18, True North
Vertical (TVD) Reference: RKB @ 5223.70usft (AZTEC 950)
Section (VS) Reference: Slot - (0.00N, 0.00E)
Measured Depth Reference: RKB @ 5223.70usft (AZTEC 950)
Calculation Method: Minimum Curvature

PROJECT DETAILS: Desert Springs

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Utah Central Zone

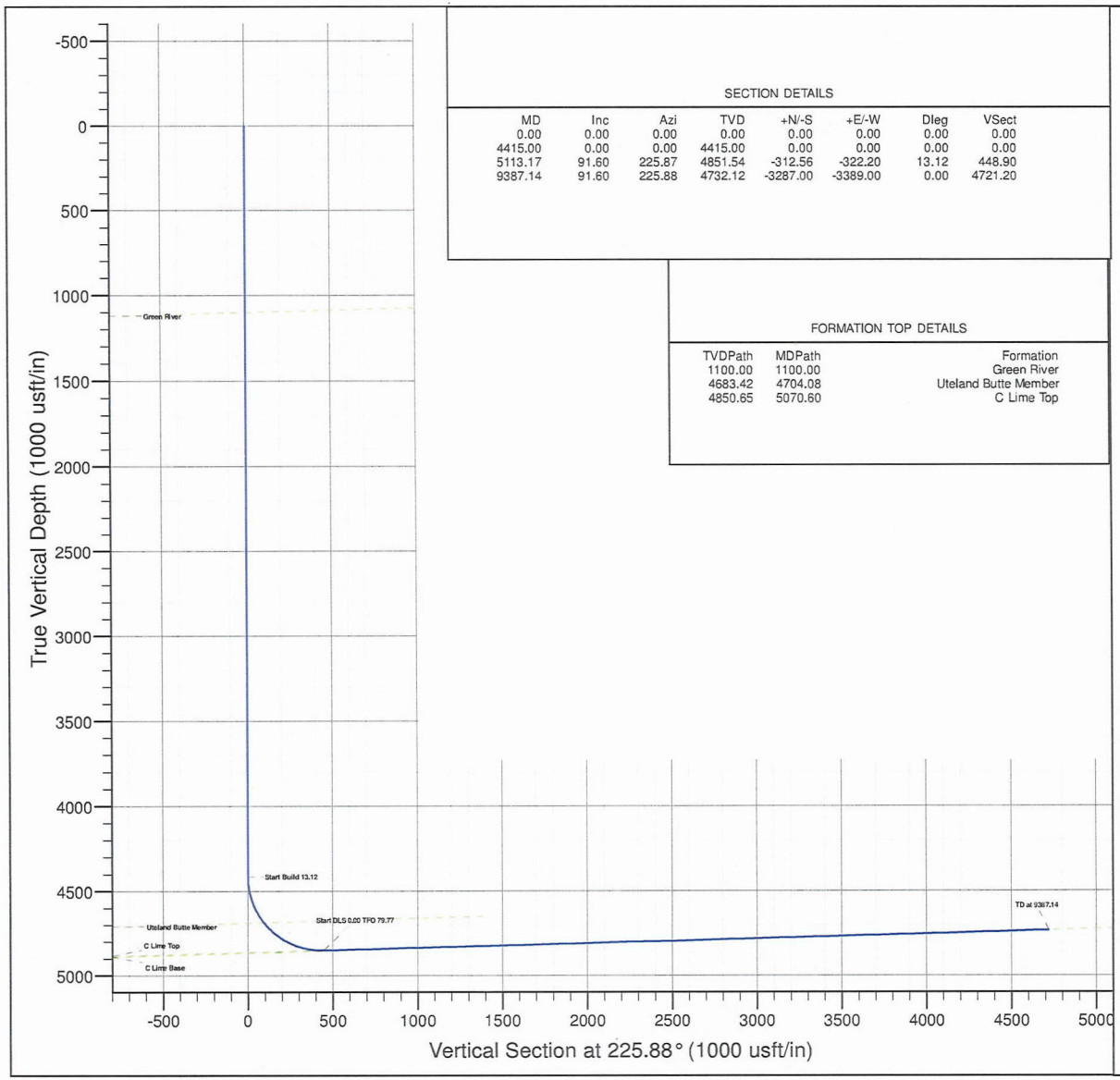
System Datum: Mean Sea Level

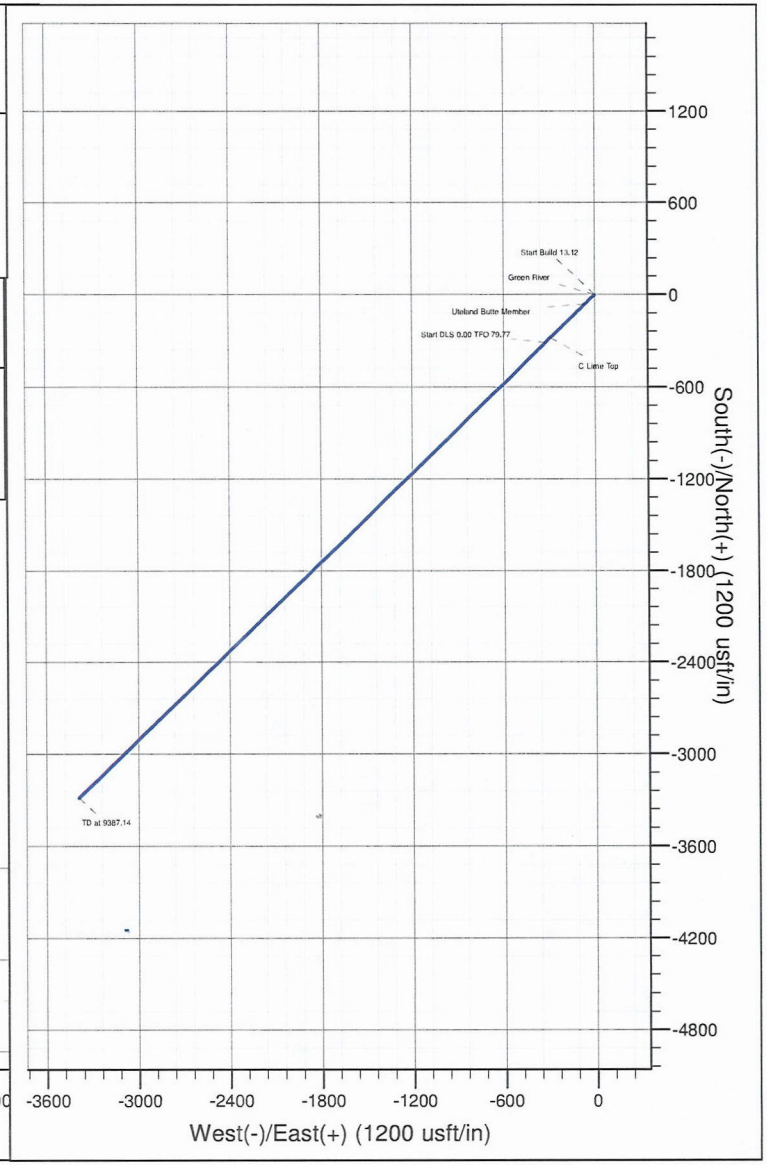
SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	VSect
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4415.00	0.00	0.00	4415.00	0.00	0.00	0.00	0.00
5113.17	91.60	225.87	4851.54	-312.56	-322.20	13.12	448.90
9387.14	91.60	225.88	4732.12	-3287.00	-3389.00	0.00	4721.20

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
1100.00	1100.00	Green River
4683.42	4704.08	Uteland Butte Member
4850.65	5070.60	C Lime Top





Additional Operator Remarks

QEP Energy Company proposes to re-enter the existing well bore for the RBDS Federal 14G-8-10-18 and drill a dual lateral horizontal oil well to test the Uteland Butte Member of the Green River Formation. If productive, casing will be run and the well completed. If dry, the will well be plugged and abandoned as per BLM and State of Utah requirements.

See Onshore Oil & Gas Order No. 1

Please be advised that QEP Energy Company agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No.ESB000024. The principal is QEP Energy Company via surety as consent as provided for the 43 CFR 3104.2.

Information for Dual Laterals

Surface Location
462' FSL, 1787' FWL, SESW, Section 8, T10S, R 18E, Lease Number UTU-81003

Lateral 1
550' FNL, 2250' FWL, NENW, Section 8, T10S, R18E, Lease Number UTU-81003
4272.00 Lateral Leg Length @ 6.28 Azimuth (See Attached Drilling Plans)
TD: 9,023' MD

Lateral 2
2450' FSL, 1600' FEL, NWSE, Section 18, T10S, R18E, Lease Number UTU-74971
3389.00 Lateral Leg Length @ 225.88 Azimuth (See Attached Drilling Plans)
TD: 9,387' MD

QEP ENERGY COMPANY
RB DS Federal 14G-8-10-18
46~~0~~2 FSL & 1,787' FWL Section 8 T10S R18E
Uintah County, Utah

RE-ENTRY DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal 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 & Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated top of important geologic markers are as follows:

NNE Lateral #1:

Formation	Depth, TVD	Depth, MD
Green River	1,100'	1,100'
Kick Off Point	4,519'	4,519'
Uteland Butte C Lime	4,873'	5,031'
TD	5,025'	9,023'

SW Lateral #2:

Formation	Depth, TVD	Depth, MD
Green River	1,100'	1,100'
Kick Off Point	4,415'	4,415'
Uteland Butte C Lime	4,683'	4,704'
TD	5,732'	9,387'

2. Anticipated Depths of Oil, Gas, Water, and Other Mineral Bearing Zones

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

NNE Lateral #1:

Substance	Formation	Depth, TVD	Depth, MD
Oil/Gas	Uteland Butte C Lime	4,873' – 5,025'	5,031' – 9,023'

SW Lateral #2:

Substance	Formation	Depth, TVD	Depth, MD
Oil/Gas	Uteland Butte C Lime	4,850' – 4,732'	5,070' – 9,387'

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right A36125 (which was filed on May 7, 1964), Red Wash water right # 49-2153 (which was filed on March 25, 1960), Neil Moon Pond water right #43-11787 or Myton City Water, Myton, Utah. It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

3. Operator's Specification for Pressure Control Equipment

A. 3,000 psi double gate, 3,000 psi annular (schematic attached)

B. Function test daily.

C. All casing strings shall be pressure tested (0.22 psi/ft or 1,500 psi, whichever is greater) prior to milling the first window; test pressure shall not exceed the internal yield of the casing.

D. Ram type preventers and associated equipment shall be tested to rated working pressure if isolated by a test plug or to 50% of the internal yield pressure of casing, whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil & Gas Order No. 2 for equipment and testing requirements, procedures, etc..., for a 3M system and individual components shall be operable as designed.

4. Casing Program

Hole Size	Casing Size	Top, MD	Bottom, MD	Weight, lb/ft	Grade	Thread	Condition	MW
12 ¼"	9 5/8"	sfc	489'	36.0	J-55	STC	Existing	N/A
7 7/8"	5 ½"	sfc	5,098'	15.5	J-55	LTC	Existing	8-9 ppg

Casing Strengths:				Collapse	Burst	Tensile (minimum)
9 5/8"	36.0 lb.	J-55	STC	2,020 psi	3,520 psi	394,000 lb.
5 ½"	15.5 lb.	J-55	LTC	4,040 psi	4,810 psi	217,000 lb.

The lateral(s) will be lined with casing and uncemented.

NNE Lateral #1:

Hole Size	Casing Size	Top,MD	Bottom, MD	Weight	Grade	MW
4 3/4"	3 1/2"	4,469'	9,100'	9.2	P-110	8 – 10 ppg

SW Lateral #2:

Hole Size	Casing Size	Top,MD	Bottom, MD	Weight	Grade	MW
4 3/4"	3 1/2"	4,420'	9,387'	9.2	P-110	8 – 10 ppg

Casing Strengths:				Collapse	Burst	Tensile (minimum)
3 ½"	9.3 lb.	P-110	LTC	12,620 psi	13,970 psi	218,000 lb.

Please refer to the attached wellbore diagram and re-entry procedure for further details.

5. Cementing Program

NNE Lateral #1: 5,031' – 9,023'
No cement, liner hung in open hole.

SW Lateral #2: 5,070' – 9,387'
No cement, liner hung in open hole.

6. Auxilliary Equipment

a. Kelly Cock – Yes

b. Float at the bit – No

c. Monitoring equipment on the mud system – visually and/or PVT or Flow Show

d. Fully opening safety valve on the rig floor – Yes

e. Rotating Head – Yes

Laterals will be drilled with an inhibitive water-based mud system consisting primarily of fresh water, bentonite, lignite, caustic, lime, soda ash, and polymers. No chromates will be used. It is not intended to use oil in the mud, however, in the event it is used the concentration will be less than 4% by volume. Maximum anticipated mud weight is 10.0 ppg.

No minimum quantity of weight material will be required to be kept on location.

PVT/Flow show will be used upon exit of surface casing to TD.

Gas detector will be used upon exit of surface casing to TD.

7. Testing, Logging, and Coring Program

a. Cores – None Anticipated

b. DST – None Anticipated

c. Logging:
   i. Mud logging from casing exit to TD
   ii. MWD-GR will be utilized during drilling operations to aid in landing the curve and maintaining the laterals within the desired zone.

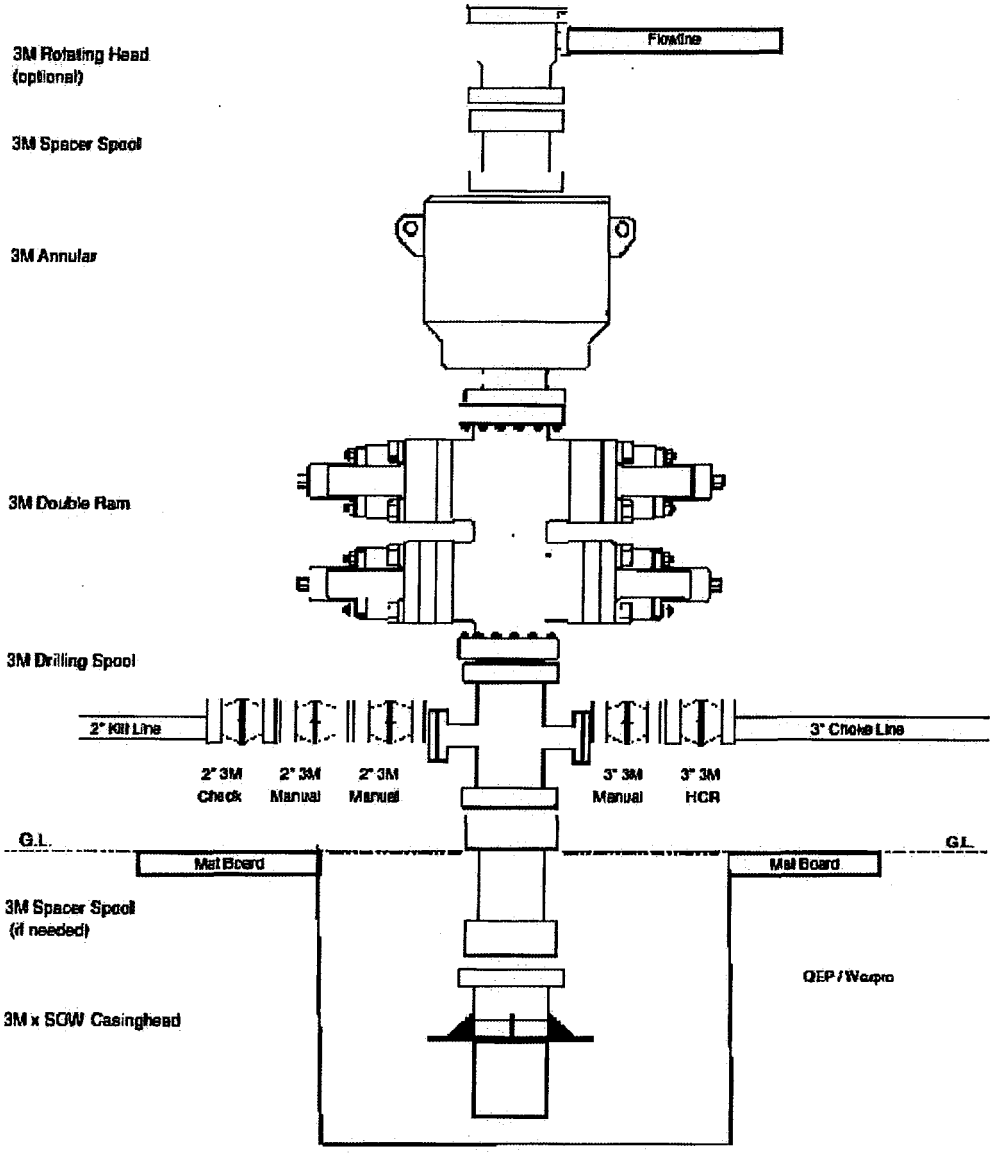
d. Formation and completion interval: Uteland Butte "C" Lime interval, final determination of completion will be made by analysis of mud logging data. Stimulation: stimulation will be designed for the particular area of interest encountered.

8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

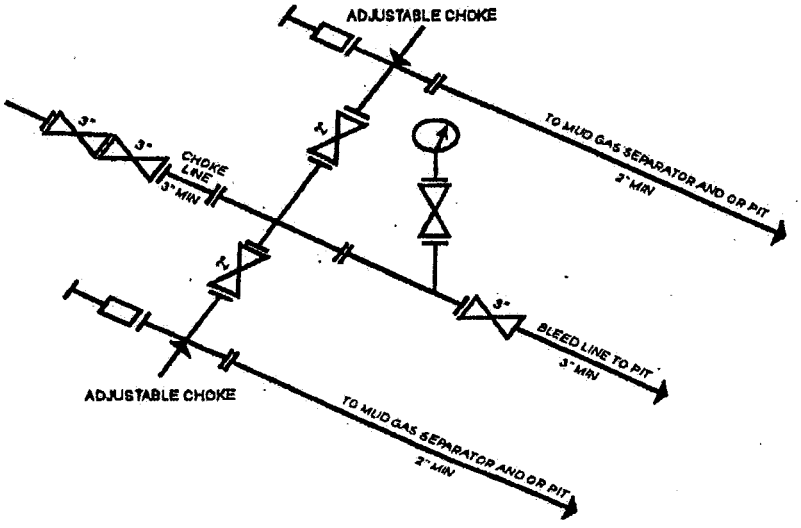
No abnormal temperatures or pressures are anticipated. No H_2S has been encountered or is known to exist from previous wells drilled to similar depths in the general area. Maximum anticipated bottom-hole pressure equals approximately 2,613 psi. Maximum anticipated bottom hole temperature is approximately 150°F.

QEP ENERGY COMPANY
RB DS Federal 14G-8-10-18
460' FSL & 1,787' FWL Section 8 T10S R18E
Uintah County, Utah

QUESTAR / WEXPRO
3M BOP x 3M Annular
Minimum Requirements



QEP ENERGY COMPANY
RB DS Federal 14G-8-10-18
460' FSL & 1,787' FWL Section 8 T10S R18E
Uintah County, Utah



3M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY
[54 FR 39528, Sept. 27, 1989]

QEP ENERGY COMPANY
RBDS FEDERAL 14G-8-10-18
SESW, SECTION 8, T10S, R18E
UINTAH COUNTY, UT
LEASE # UTU-81003

MULTI-POINT SURFACE USE & OPERATIONS PLAN

An onsite inspection was conducted for the RBDS Federal 14G-8-10-18 on November 9, 2011. Weather conditions were sunny at the time of the onsite. In attendance at the inspection were the following individuals:

Aaron Roe	Bureau of Land Management
Kevin Sadlier	Bureau of Land Management
Holly Villa	Bureau of Land Management
Daniel Emmett	Bureau of Land Management
Jan Nelson	QEP Energy Company
Stephanie Tomkinson	QEP Energy Company
Ryan Angus	QEP Energy Company
Bob Haygood	QEP Energy Company
Valyn Davis	QEP Energy Company
Mike Griffis	QEP Energy Company
Andy Floyd	Uintah Engineering & Land Surveying

1. **Existing Roads**:

See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.

The proposed well site is located approximately 24 miles southeast of Myton, Utah. -See attached TOPO Map "A".

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

Existing roads will be maintained and repaired as necessary.

2. **Planned Access Roads**:

An offlease right-of-way is not required. The entire well pad and access road are located within the Nemo Unit.

No new access road is proposed. The access to be used is the access to the existing RBDS Federal 14G-8-10-18 location. Graveling or capping the roadbed will be performed as necessary to provide a well constructed safe road. Should conditions warrant, rock, gravel or culverts will be installed as needed.

Refer to Topo Map B for the location of the proposed access road.

3. **Location of Existing Wells Within a 1-Mile Radius**:

A map will be provided with the site-specific APD showing the location of existing wells within a one mile radius.

Please refer to Topo map C.

4. **Location of Existing and Proposed Facilities:**

The following guidelines will apply if the well is productive.

A containment dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks). These dikes will be constructed of compacted impervious subsoil; hold 110% of the capacity of the largest tank; and, be independent of the back cut. If a Spill Prevention, Control, and Countermeasure (SPCC) Plan is required by the Environmental Protection Agency, the containment dike may be expanded to meet SPCC requirements with approval by the BLM/VFO AO. The specific APD will address additional capacity if such is needed due to environmental concerns. The use of topsoil for the construction of dikes will not be allowed.

All loading lines will be placed inside the berm surrounding the tank batteries.

All permanent (on site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a color approved by the BLM.

It was determined on the onsite by the BLM VFO/AO that the facilities will be painted Covert Green.

5. **Location and Type of Water Supply**:

Fresh water will be obtained from Wonsits Valley water right # A36125 (which was filed on May 7, 1964), Red Wash water right # 49-2153 (which was filed on March 25, 1960), Neil Moon Pond water right #43-11787, or Myton City Water, Myton, Utah. It was determined by the Fish and Wildlife Service that any water right number filed before1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes.

6. **Source of Construction Materials**:

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

7. **Methods of Handling Waste Materials**:

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids including salts and chemicals will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be used at the next drill site or will be removed and disposed of at an approved waste disposal facility within 6 months after drilling is terminated. Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

Unless specified in the site specific APD, the reserve pit will be constructed on the location and will not be located within natural drainages, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

It was determined at the on-site inspection that a pit liner is necessary; the reserve pit will be lined with a synthetic reinforced liner, a minimum of 20 millimeters thick, with sufficient bedding used 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 or scrap will be disposed of in the pit.

Reserve pit leaks are considered an undesirable event and will be orally reported to the AO.

Disposal of Produced Water:

After first production, produced wastewater will be confined to the approved pit or storage tank for a period not to exceed 90 days. During the 90 day period, in accordance with Onshore Order # 7, all produced water will be contained in tanks on location.

After the 90 day period, the produced water will be contained in tanks on location and then hauled by truck to the following pre-approved disposal site:

Lapoint Recycle & Storage located in Sec. 12, T5S, R19E, Uintah County, UT.

Produced water, oil, and other byproducts will not be applied to roads or well pads for control of dust or weeds. The dumping of produced fluids on roads, well sites, or other areas will not be allowed.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site. The spills will be reported to the AO and other authorities as appropriate.

A chemical porta-toilet will be furnished with the drilling rig. The chemical porta-toilet wastes will be hauled to Ashley Valley Sewer and Water System for disposal.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. Trash will not be burned on location. All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig. All trash and waste material will be hauled to the Uintah County Landfill.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of wells. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of wells within these areas. Specific APD's shall address any modifications from this policy.

8. **Ancillary Facilities**:

This will be an independent well location. Product will be contained in two 500 bbl tanks and then transported from location to delivery site.

A suitable muffler will be installed on pumping unit to help reduce noise control.

9. **Well Site Layout**:

A Location Layout Diagram describing drill pad cross-sections, cuts and fills, and locations of mud tanks, reserve pits, flare pit or flare box, pipe racks, trailer parking, spoil dirt stockpile(s), and the surface material stockpile(s) will be included with the site specific APD.

Please see the attached diagram rig orientation, parking areas, and access roads, as well as the location of the following:

The reserve pit.

The stockpiled topsoil (first six inches), will not be used for facility berms. All brush removed from the well pad during construction will be stockpiled with the topsoil.

The flare pit or flare box will be located downwind from the prevailing wind direction.

Any drainage that crosses the well location will be diverted around the location by

using ditches, water diversion drains or berms. If deemed necessary at the on-site, erosion drains may be installed to contain sediments that could be produced from access roads and well locations.

10. **Fencing Requirements**:

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand 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.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched using a stretching device before it is attached to corner posts.

The reserve pit will be fenced on three (3) sides during drilling operations. The fourth side will be put in place when the rig moves off location. The pit will be fenced and maintained until it is backfilled. If drilling operations does not commence within 3 days, the fourth side of the fence will be installed.

11. **Reclamation Plan**:

Reclamation will follow QEP Energy Company, Uinta Basin Division's Reclamation Plan, September 2009 (QEP Energy Plan) and the BLM Green River District Reclamation Guidelines.

All trash and debris will be removed from the disturbed area.

The disturbed area will be backfilled with subsoil.

Topsoil will be spread to an even, appropriate depth and disced if needed.

Water courses and drainages will be restored.

Erosion control devices will be installed where needed.

Seeding will be done in the fall, prior to ground freeze up.
Seed mix will be submitted to a BLM AO for approval prior to seeding.

Monitoring and reporting will be conducted as stated in QEP Energy Company's Reclamation Plan. Weed control will be conducted as stated in QEP Energy Company's Reclamation Plan.

A reference site and weed data sheet have been established and are included in this application.

Please see attached Weed Data Sheet.

Dry Hole/Abandoned Location:

On lands administered by the BLM abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions may include the reestablishment of irrigation systems; reestablishment of appropriate soil conditions; and, the reestablishment of vegetation as specified.

All disturbed surfaces will be recontoured to approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment.

At final abandonment, the Operator will cap the casing with a metal plate a minimum of 0.25 inch thick. The cap will be welded in place and the well location and identity will be permanently inscribed on the cap. The cap will be constructed with a weep hole. The depth of the permanent cap will be determined at the time of final abandonment. Long-term reclamation will then be applied and will follow the reclamation process described in this plan. When reclamation is deemed successful by the Operator and the BLM, the Operator will request a bond release.

12. Surface Ownership:

The well pad and access road are located on lands owned by:
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

13. Other Information:

Drilling rigs and/or equipment used during drilling operations will not be stacked or stored on Federal lands or State administered lands after the conclusion of drilling operations or at any other time without authorization by the BLM Authorized

Officer. If BLM authorization is obtained, such storage is only a temporary measure.

A Class III archeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted on April 29, 2010, **State of Utah . Antiquities Report U-10-MQ-0171b** by Montgomery Archaeology Consultants. Cultural resource clearance has been recommended for this project.

A paleontological survey was conducted by Intermountain Paleo Consulting. A copy of this report was submitted on November 21, 2011 **Report No. IPC 11-198** by Stephen D. Sandau,. Due to the number of fossils found during this survey and previous surveys, it is recommended that a permitted paleontologist be present to monitor the construction process of the pipeline. Further, it is recommended that a paleontologist be present to monitor the construction process of the well pad and thereafter conduct a spot-monitor as needed. QEP Energy Company will provide paleo monitor for this project.

A habitat assessment and inventory was conducted on October 20, 2011 by Western Biota, Inc. The inspection for this project resulted in no evidence of the presence of the Uintah Basin Hookless Cactus/Pariette Cactus (Sclerocactus wetlandicus/brevispinus), individuals or populations within the proposed RBDS Federal 14G8-10-18.

Per the onsite meeting on November 9, 2011, the following items were requested/discussed.

There is 4" topsoil.

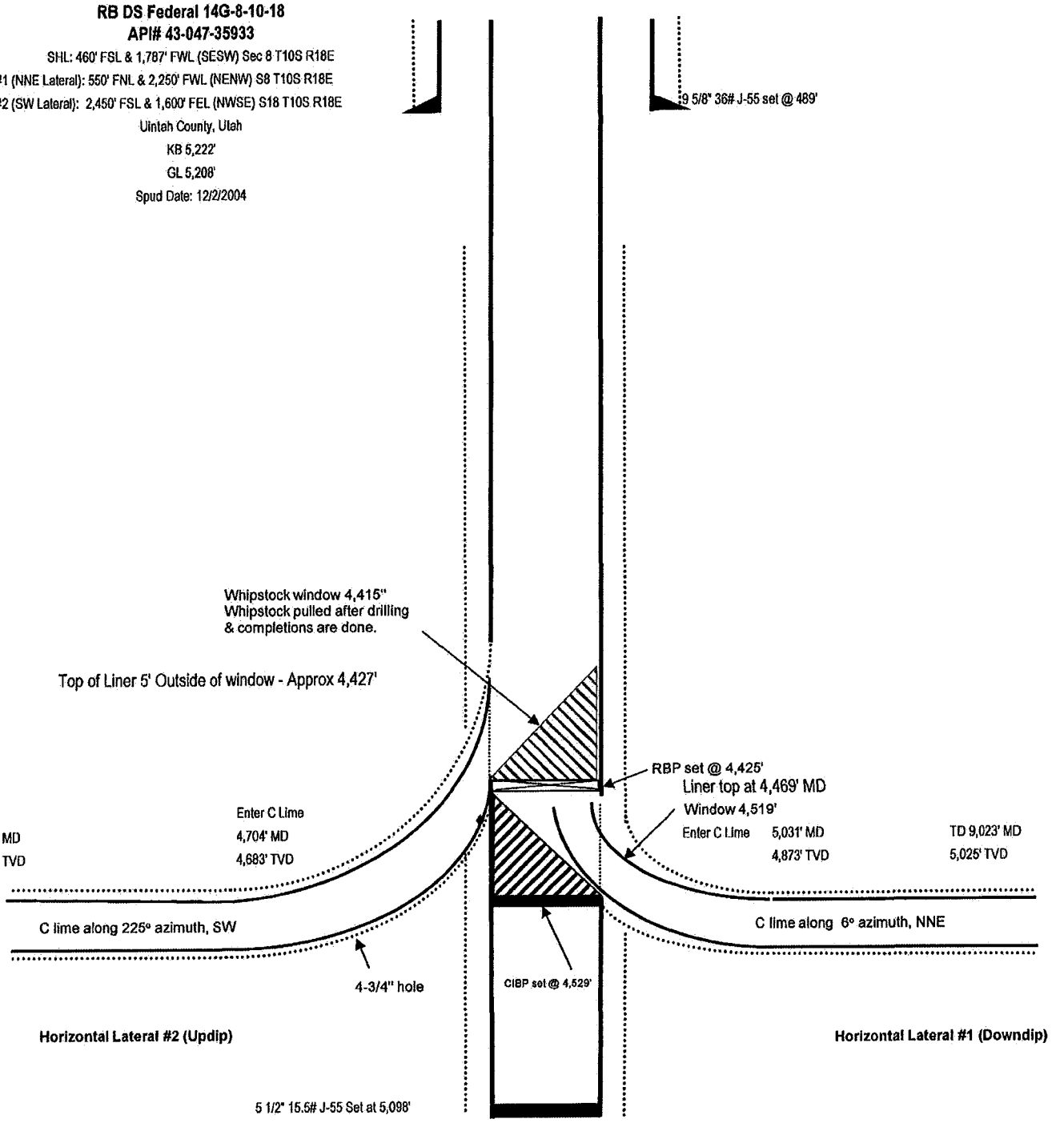
During construction, salvage top soil pile near corner #6.

QEP Energy Company
RB DS Federal 14G-8-10-18
API: 43-047-35933
Summarized Re-Entry Procedure

1. Rig down pumping unit, clear location of all unnecessary equipment.
2. MIRU pulling unit.
3. Remove all subsurface production equipment. Prep wellbore for re-entry.
4. Set CIBP at 4,529'
5. RD pulling unit, move off location.
6. MIRU drilling rig.
7. NU rig's 3,000 WP rated BOP.
8. RIH with whipstock, orient and set whipstock on top of CIBP
9. Mill window.
10. Build curve per directional plan to land in the Uteland Butte "C" Lime.
11. Drill ~3,992' of lateral in the Uteland Butte C Lime at 6° azimuth, following formation dip.
    a. Mud system to be water based. Weights are expected to be in the 8.8 – 9.8 ppg range.
12. PU 3 1/2" liner and run to Lateral #1 TD.
    a. Land liner top at 4,469', 50' above the window.
13. Set RBP at 4,425'
14. RIH and set whipstock on RBP
15. Mill window
16. Build curve per directional plan to land in the Uteland Butte "C" Lime.
17. Drill ~4,680' of lateral in the Uteland Butte C Lime at 225° azimuth, following formation dip.
    a. Mud system to be water based. Weights are expected to be in the 8.8 – 9.8 ppg range.
18. PU 3-1/2" liner and run to Lateral #2 TD.
    a. Land liner top at 4,427', 5' outside of the window.
19. Set CBP @ +/- 4,000' to isolate laterals.
20. ND BOP's.
21. RDMOL.

Proposed
RB DS Federal 14G-8-10-18
API# 43-047-35933

SHL: 460' FSL & 1,787' FWL (SESW) Sec 8 T10S R18E
BHL #1 (NNE Lateral): 550' FNL & 2,250' FWL (NENW) S8 T10S R18E
BHL #2 (SW Lateral): 2,450' FSL & 1,600' FEL (NWSE) S18 T10S R18E
Uintah County, Utah
KB 5,222'
GL 5,208'
Spud Date: 12/2/2004



QEP Energy Company

QEP ENERGY (UT)

Desert Springs
RB DS FED 14G8-10-18
RB DS FED 14G8-10-18

Lateral 1

Plan: Plan ver.0 - Lateral 1

Standard Planning Report

07 November, 2011

QEP Energy Company

Database:	EDMDB_QEP	**Local Co-ordinate Reference:**	Well RB DS FED 14G8-10-18
Company:	QEP ENERGY (UT)	**TVD Reference:**	RKB @ 5223.70usft (AZTEC 950)
Project:	Desert Springs	**MD Reference:**	RKB @ 5223.70usft (AZTEC 950)
Site:	RB DS FED 14G8-10-18	**North Reference:**	True
Well:	RB DS FED 14G8-10-18	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Lateral 1		
Design:	Plan ver.0 - Lateral 1		

Project Desert Springs, Uinta, UT

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		Using geodetic scale factor

Site RB DS FED 14G8-10-18

Site Position:		**Northing:**	7,155,320.036 usft	**Latitude:**	39.952467
From:	Lat/Long	**Easting:**	2,083,216.819 usft	**Longitude:**	-109.920347
Position Uncertainty:	0.00 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	1.01 °

Well RB DS FED 14G8-10-18

Well Position	**+N/-S**	-0.01 usft	**Northing:**	7,155,320.027 usft	**Latitude:**	39.952467
	+E/-W	0.00 usft	**Easting:**	2,083,216.819 usft	**Longitude:**	-109.920347
Position Uncertainty		0.00 usft	**Wellhead Elevation:**	5,207.70 usft	**Ground Level:**	5,207.70 usft

Wellbore Lateral 1

Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2010	11/7/2011	11.19	65.74	52,203

Design Plan ver.0 - Lateral 1

Audit Notes:

Version:	**Phase:**	PLAN	**Tie On Depth:**	0.00

Vertical Section:

Depth From (TVD) (usft)	**+N/-S (usft)**	**+E/-W (usft)**	**Direction (°)**
0.00	0.00	0.00	6.28

Plan Sections

Measured Depth (usft)	**Inclination (°)**	**Azimuth (°)**	**Vertical Depth (usft)**	**+N/-S (usft)**	**+E/-W (usft)**	**Dogleg Rate (°/100usft)**	**Build Rate (°/100usft)**	**Turn Rate (°/100usft)**	**TFO (°)**	**Target**
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,519.00	0.00	0.00	4,519.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,068.06	87.85	6.28	4,876.85	342.60	37.70	16.00	16.00	0.00	6.28	
9,023.96	87.85	6.28	5,025.37	4,272.00	470.00	0.00	0.00	0.00	-133.01	

Planned Survey

Measured Depth (usft)	**Inclination (°)**	**Azimuth (°)**	**Vertical Depth (usft)**	**+N/-S (usft)**	**+E/-W (usft)**	**Vertical Section (usft)**	**Dogleg Rate (°/100usft)**	**Build Rate (°/100usft)**	**Turn Rate (°/100usft)**
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4,519.00	0.00	0.00	4,519.00	0.00	0.00	0.00	0.00	0.00	0.00
5,068.06	87.85	6.28	4,876.85	342.60	37.70	344.66	16.00	16.00	0.00
9,023.96	87.85	6.28	5,025.37	4,272.00	470.00	4,297.78	0.00	0.00	0.00

Database:	EDMDB_QEP	**Local Co-ordinate Reference:**	Well RB DS FED 14G8-10-18
Company:	QEP ENERGY (UT)	**TVD Reference:**	RKB @ 5223.70usft (AZTEC 950)
Project:	Desert Springs	**MD Reference:**	RKB @ 5223.70usft (AZTEC 950)
Site:	RB DS FED 14G8-10-18	**North Reference:**	True
Well:	RB DS FED 14G8-10-18	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Lateral 1		
Design:	Plan ver.0 - Lateral 1		

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
1,100.00	1,100.00	Green River		2.15	6.28
4,694.53	4,687.58	Uteland Butte Member		2.15	6.28
5,031.10	4,873.56	C Lime Top		2.15	6.28

QEP Energy Company

Company Name: QEP ENERGY (UT)

Azimuths to True North
Magnetic North: 11.19°

Magnetic Field
Strength: 52093.2nT
Dip Angle: 65.74°
Date: 11/7/2011
Model: IGRF2010

Project: Desert Springs
Site: RB DS FED 14G8-10-18
Well: RB DS FED 14G8-10-18
Wellbore: Lateral 1
Design: Plan ver.0 - Lateral 1

WELL DETAILS: RB DS FED 14G8-10-18

Ground Level: 5207.70

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	7155320.027	2083216.819	39.952467	-109.920347	

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well RB DS FED 14G8-10-18, True North
Vertical (TVD) Reference: RKB @ 5223.70usft (AZTEC 950)
Section (VS) Reference: Slot - (0.00N, 0.00E)
Measured Depth Reference: RKB @ 5223.70usft (AZTEC 950)
Calculation Method: Minimum Curvature

PROJECT DETAILS: Desert Springs

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Utah Central Zone

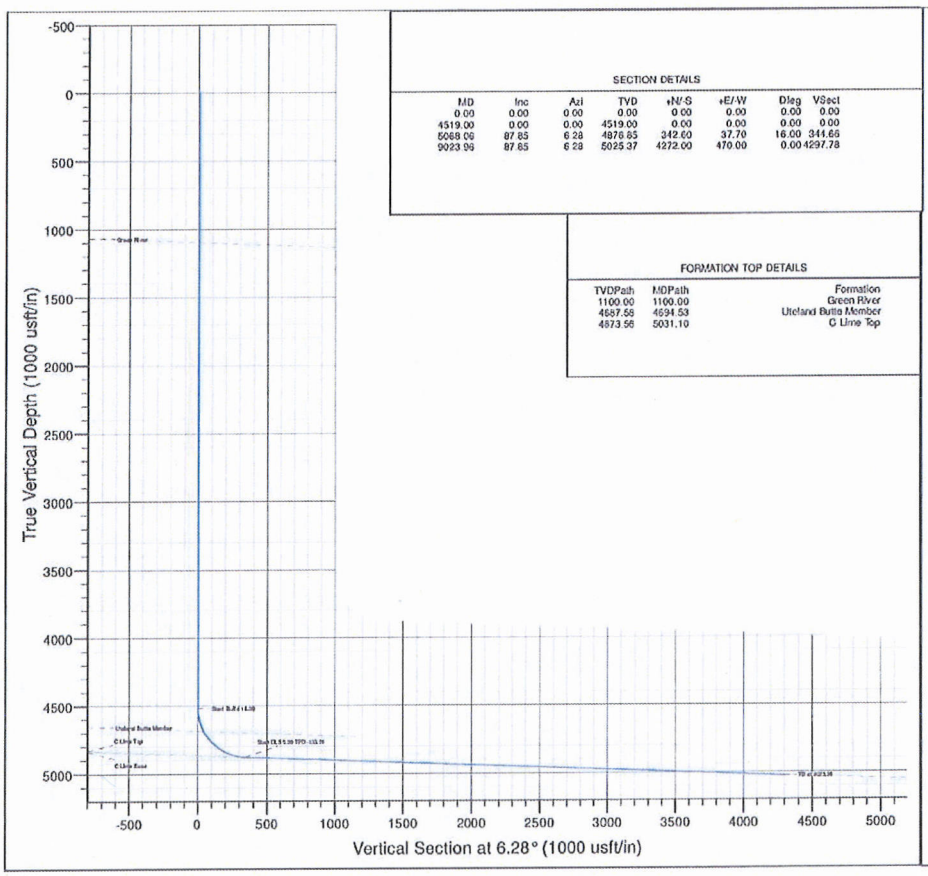
System Datum: Mean Sea Level

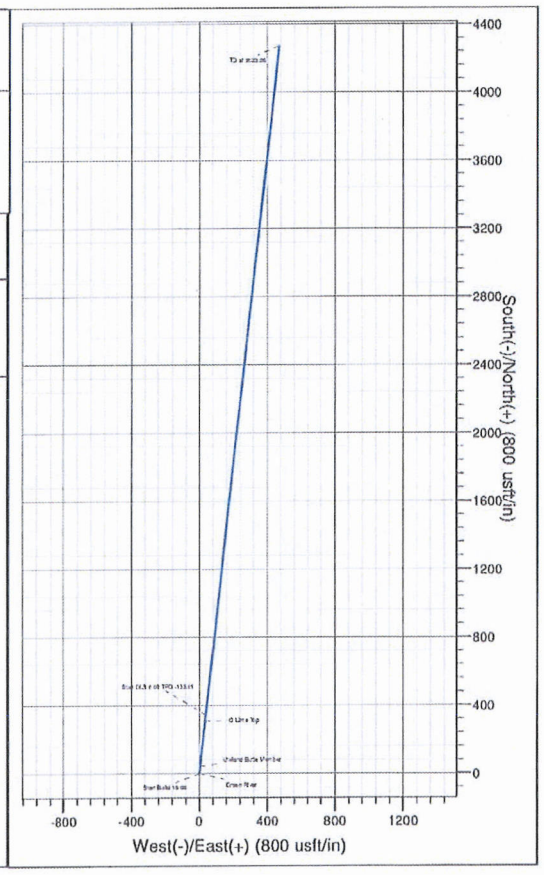
SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	VSect
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4519.00	0.00	0.00	4519.00	0.00	0.00	0.00	0.00
5068.09	87.85	6.28	4876.85	342.60	37.70	16.00	344.66
9023.96	87.85	6.28	5025.37	4272.00	470.00	0.00	4297.78

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
1100.00	1100.00	Green River
4687.56	4694.53	Uteland Butte Member
4873.56	5031.10	C Lime Top





QEP Energy Company

QEP ENERGY (UT)

Desert Springs
RB DS FED 14G8-10-18
RB DS FED 14G8-10-18

Lateral 2

Plan: Plan ver.0 - Lateral 2

Standard Planning Report

07 November, 2011

QEP Energy Company

Database:	EDMDB_QEP	**Local Co-ordinate Reference:**	Well RB DS FED 14G8-10-18
Company:	QEP ENERGY (UT)	**TVD Reference:**	RKB @ 5223.70usft (AZTEC 950)
Project:	Desert Springs	**MD Reference:**	RKB @ 5223.70usft (AZTEC 950)
Site:	RB DS FED 14G8-10-18	**North Reference:**	True
Well:	RB DS FED 14G8-10-18	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Lateral 2		
Design:	Plan ver.0 - Lateral 2		

Project Desert Springs, Uinta, UT

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		Using geodetic scale factor

Site RB DS FED 14G8-10-18

Site Position:		**Northing:**	7,155,320.036 usft	**Latitude:**	39.952467
From:	Lat/Long	**Easting:**	2,083,216.819 usft	**Longitude:**	-109.920347
Position Uncertainty:	0.00 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	1.01 °

Well RB DS FED 14G8-10-18

Well Position	**+N/-S**	-0.01 usft	**Northing:**	7,155,320.027 usft	**Latitude:**	39.952467
	+E/-W	0.00 usft	**Easting:**	2,083,216.819 usft	**Longitude:**	-109.920347
Position Uncertainty		0.00 usft	**Wellhead Elevation:**	5,207.70 usft	**Ground Level:**	5,207.70 usft

Wellbore Lateral 2

Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2010	11/7/2011	11.19	65.74	52,203

Design Plan ver.0 - Lateral 2

Audit Notes:

Version:	**Phase:**	PLAN	**Tie On Depth:**	0.00

Vertical Section:	**Depth From (TVD) (usft)**	**+N/-S (usft)**	**+E/-W (usft)**	**Direction (°)**
	0.00	0.00	0.00	225.88

Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,415.00	0.00	0.00	4,415.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,113.17	91.60	225.87	4,851.54	-312.56	-322.20	13.12	13.12	0.00	225.87	
9,387.14	91.60	225.88	4,732.12	-3,287.00	-3,389.00	0.00	0.00	0.00	79.77	

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4,415.00	0.00	0.00	4,415.00	0.00	0.00	0.00	0.00	0.00	0.00
5,113.17	91.60	225.87	4,851.54	-312.56	-322.20	448.90	13.12	13.12	0.00
9,387.14	91.60	225.88	4,732.12	-3,287.00	-3,389.00	4,721.20	0.00	0.00	0.00

Database:	EDMDB_QEP	**Local Co-ordinate Reference:**	Well RB DS FED 14G8-10-18
Company:	QEP ENERGY (UT)	**TVD Reference:**	RKB @ 5223.70usft (AZTEC 950)
Project:	Desert Springs	**MD Reference:**	RKB @ 5223.70usft (AZTEC 950)
Site:	RB DS FED 14G8-10-18	**North Reference:**	True
Well:	RB DS FED 14G8-10-18	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Lateral 2		
Design:	Plan ver.0 - Lateral 2		

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
1,100.00	1,100.00	Green River		1.60	45.87
4,704.08	4,683.42	Uteland Butte Member		1.60	45.87
5,070.60	4,850.65	C Lime Top		1.60	45.87

QEP Energy Company

Company Name: QEP ENERGY (UT)

Azimuths to True North
Magnetic North: 11.18°

Magnetic Field
Strength: 52303.3nT
Dip Angle: 65.74°
Date: 11/7/2011
Model: IGRF2010

Project: Desert Springs
Site: RB DS FED 14G8-10-18
Well: RB DS FED 14G8-10-18
Wellbore: Lateral 2
Design: Plan ver.0 - Lateral 2

WELL DETAILS: RB DS FED 14G8-10-18

Ground Level: 5207.70

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	7155320.027	2083216.819	39.952467	-109.920347	

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well RB DS FED 14G8-10-18, True North
Vertical (TVD) Reference: RKB @ 5223.70usft (AZTEC 950)
Section (VS) Reference: Slot - (0.00N, 0.00E)
Measured Depth Reference: RKB @ 5223.70usft (AZTEC 950)
Calculation Method: Minimum Curvature

PROJECT DETAILS: Desert Springs

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: Utah Central Zone

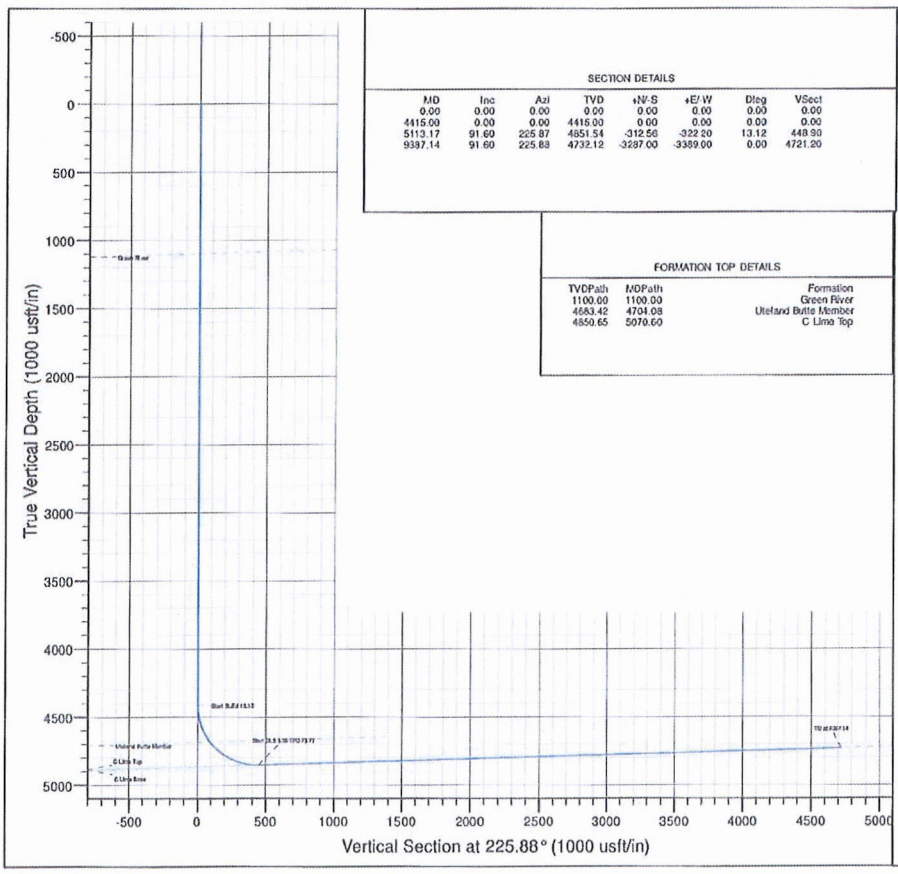
System Datum: Mean Sea Level

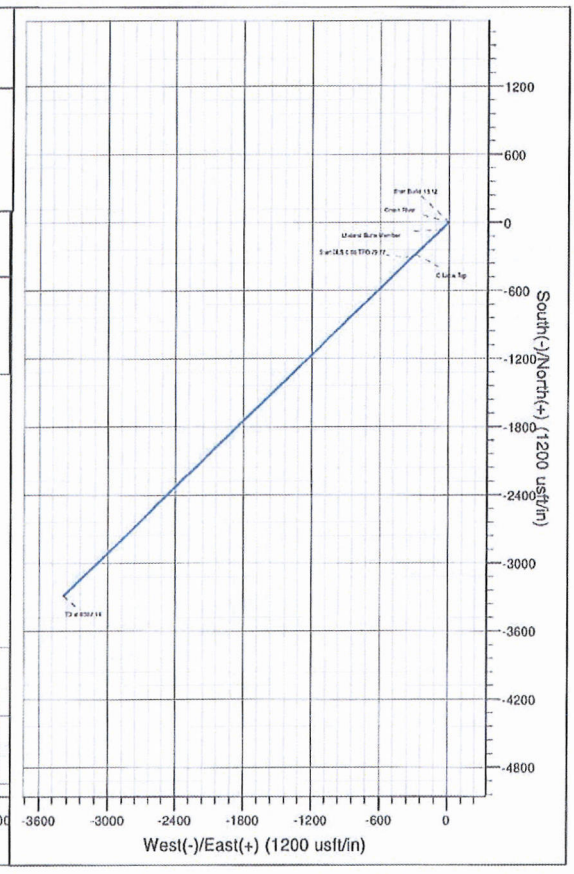
SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	VSect
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4415.00	0.00	0.00	4415.00	0.00	0.00	0.00	0.00
5113.17	91.60	225.87	4851.54	-312.56	-322.20	13.12	448.90
9337.14	91.60	225.88	4732.12	-3287.00	-3389.00	0.00	4721.20

FORMATION TOP DETAILS

TVDPath	MDPath	Formation
1100.00	1100.00	Green River
4583.42	4704.08	Uteland Butte Member
4850.65	5070.60	C Lime Top





QEP ENERGY COMPANY

RB DS FEDERAL 14G8-10-18 (DEEPENING)

LOCATED IN UINTAH COUNTY, UTAH
SECTION 8, T10S, R18E, S.L.B.&M.

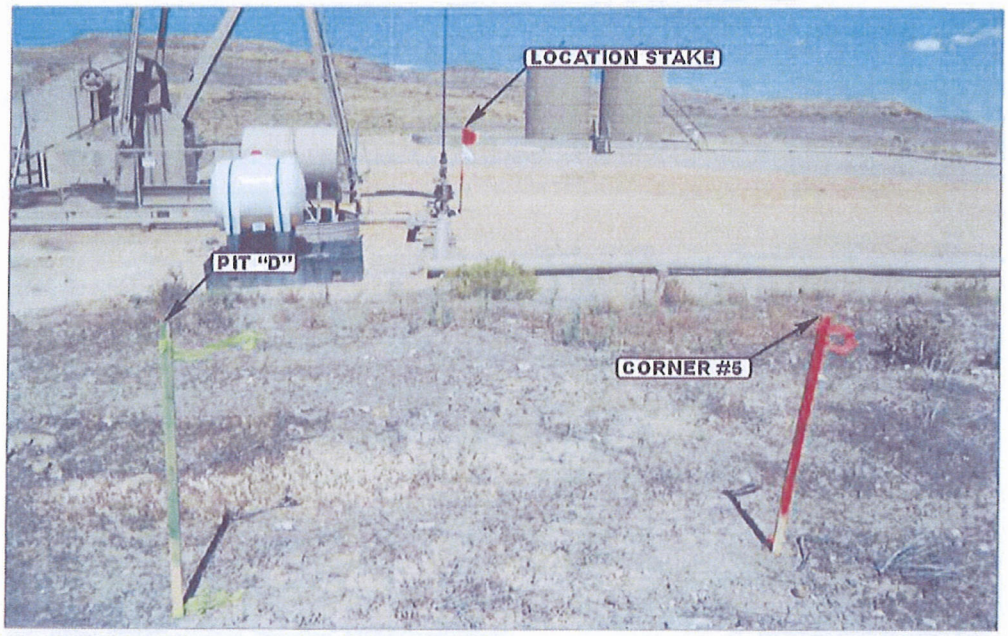


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE — CAMERA ANGLE: NORTHERLY

PHOTO: VIEW OF EXISTING ACCESS — CAMERA ANGLE: EASTERLY

- Since 1964 -
Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS	09 MONTH	16 DAY	11 YEAR	PHOTO
TAKEN BY: A.F.	DRAWN BY: J.L.G.	REVISED: 00-00-00		

QEP ENERGY COMPANY

LOCATION LAYOUT FOR

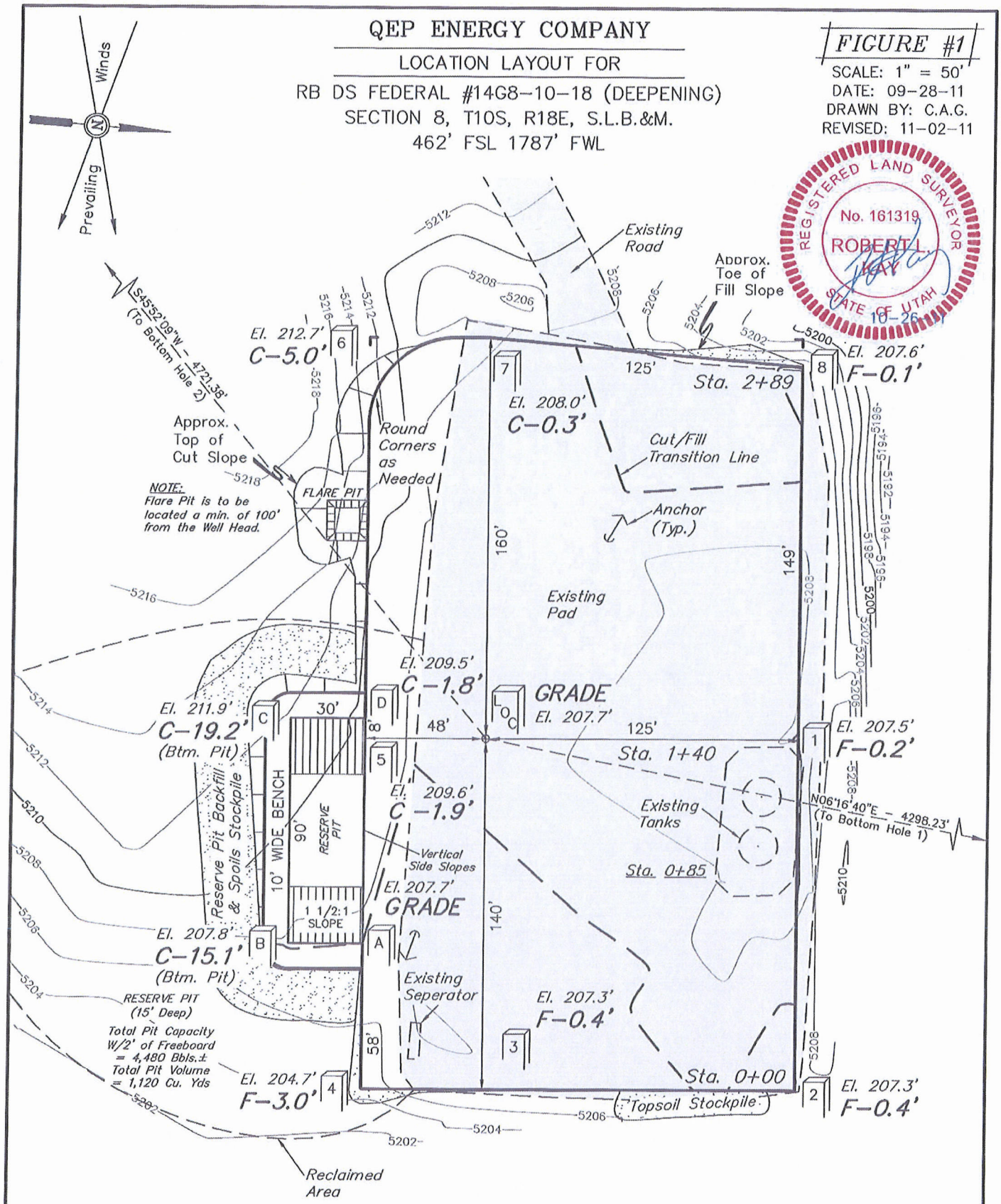
RB DS FEDERAL #14G8-10-18 (DEEPENING)

SECTION 8, T10S, R18E, S.L.B.&M.

462' FSL 1787' FWL

FIGURE #1

SCALE: 1" = 50'
DATE: 09-28-11
DRAWN BY: C.A.G.
REVISED: 11-02-11



Elev. Ungraded Ground At Loc. Stake = 5207.7'

FINISHED GRADE ELEV. AT LOC. STAKE = 5207.7'

UINTAH ENGINEERING & LAND SURVEYING

85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

QEP ENERGY COMPANY

TYPICAL CROSS SECTIONS FOR

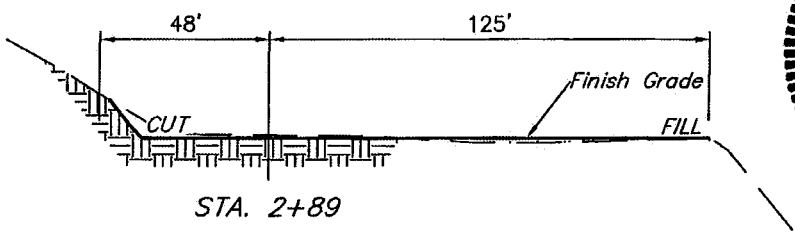
RB DS FEDERAL #14G8-10-18 (DEEPENING)
SECTION 8, T10S, R18E, S.L.B.&M.
462' FSL 1787' FWL

FIGURE #2

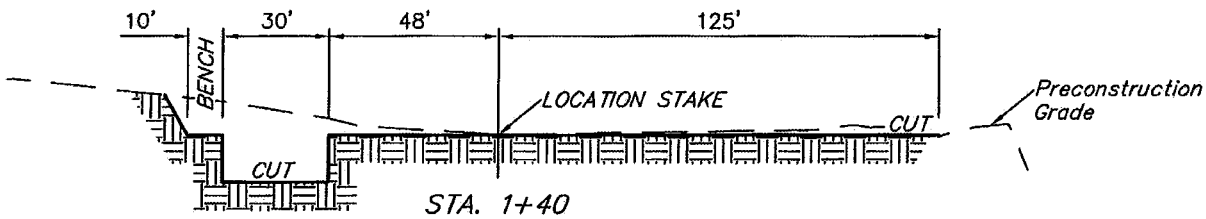
1" = 20'
X-Section Scale
1" = 50'

DATE: 09-28-11
DRAWN BY: C.A.G.
REVISED: 11-02-11

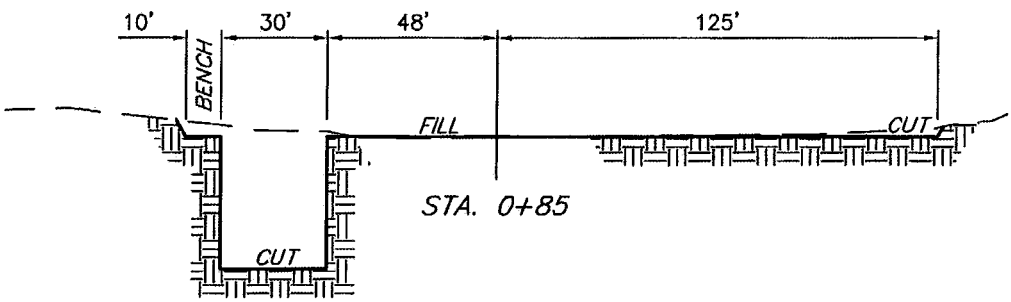
REGISTERED LAND SURVEYOR
No. 161319
ROBERT L.
STATE OF UTAH
10-26



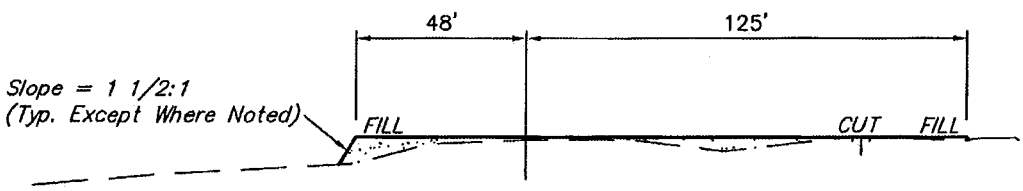
STA. 2+89



STA. 1+40



STA. 0+85



STA. 0+00

APPROXIMATE ACREAGES
EXISTING DISTRUBANCE
WITHIN PROPOSED WELL SITE = ± 1.016 ACRES
REMAINING PROPOSED
WELL SITE DISTURBANCE = ± 0.253 ACRES
PIPELINE DISTURBANCE = ± 5.451 ACRES
TOTAL = ± 6.720 ACRES

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping (New Construction Only)	=	210 Cu. Yds.
Remaining Location	=	2,050 Cu. Yds.
TOTAL CUT	=	2,260 CU.YDS.
FILL	=	230 CU.YDS.
EXCESS MATERIAL	=	2,030 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	770 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	=	1,260 Cu. Yds.

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

QEP ENERGY COMPANY

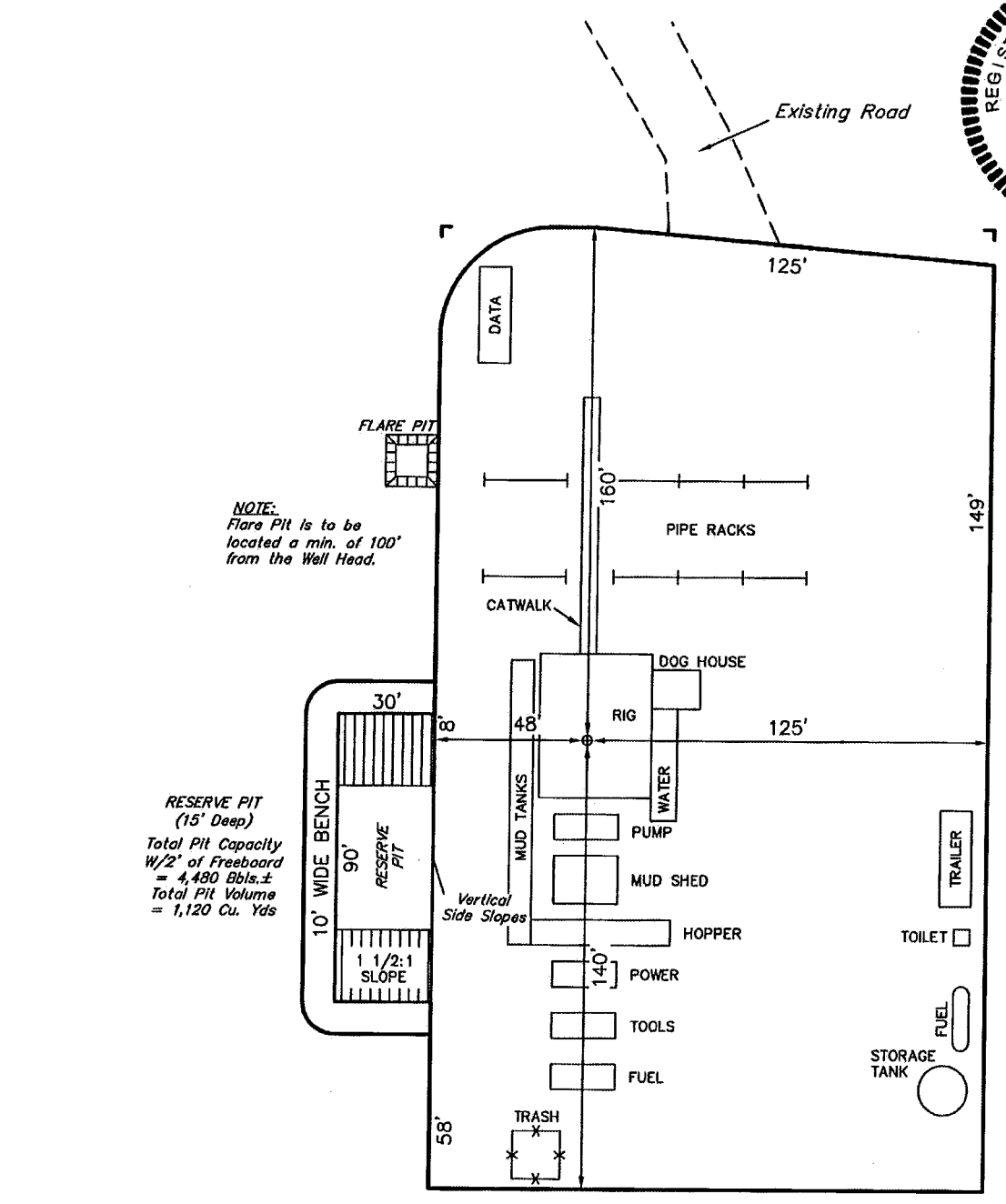
TYPICAL RIG LAYOUT FOR

RB DS FEDERAL #14G8-10-18 (DEEPENING)
SECTION 8, T10S, R18E, S.L.B.&M.
462' FSL 1787' FWL

FIGURE #3

SCALE: 1" = 50'
DATE: 09-28-11
DRAWN BY: C.A.G.
REVISED: 11-02-11

REGISTERED LAND SURVEYOR
No. 161319
ROBERT L.
STATE OF UTAH
10-26



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

RESERVE PIT (15' Deep)
Total Pit Capacity W/2' of Freeboard = 4,480 Bbls.±
Total Pit Volume = 1,120 Cu. Yds

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

QEP ENERGY COMPANY

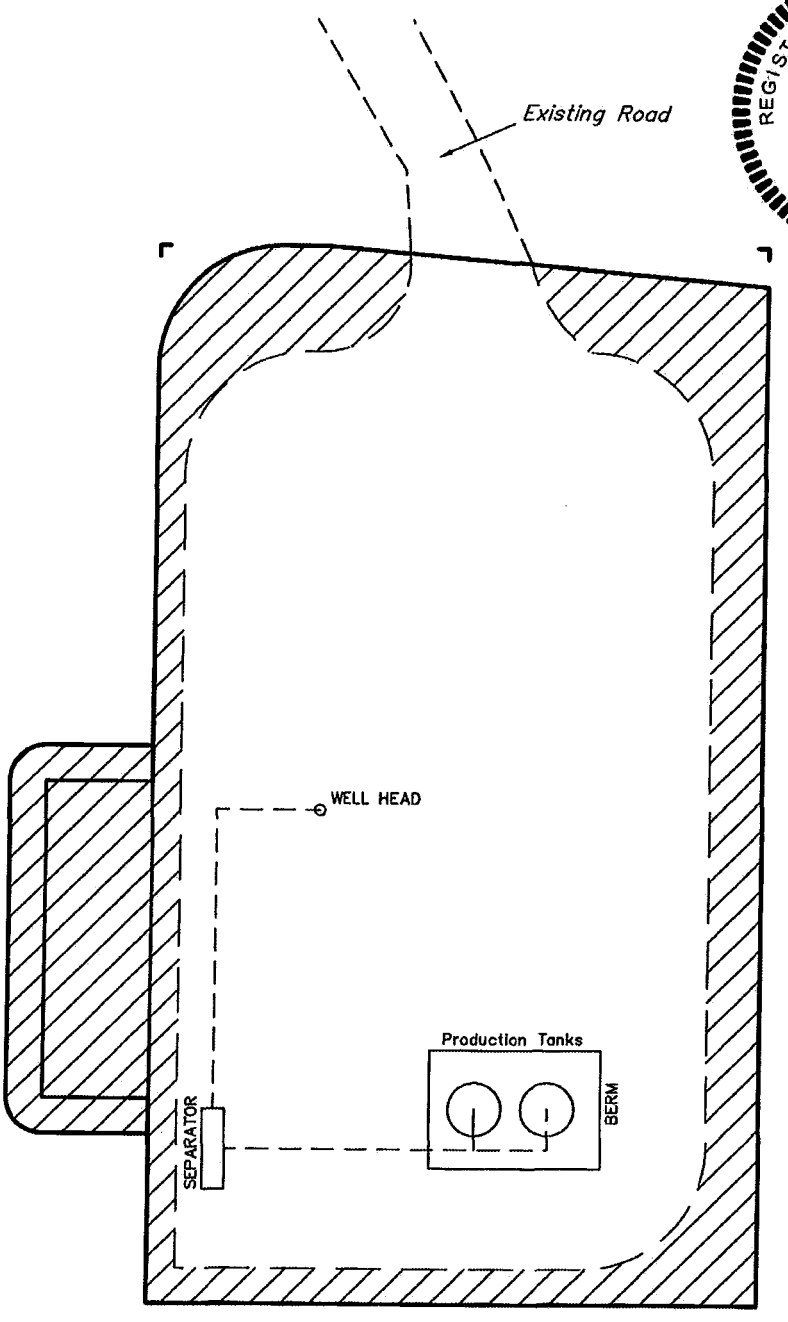
PRODUCTION FACILITY LAYOUT FOR

RB DS FEDERAL #14G8-10-18 (DEEPENING)
SECTION 8, T10S, R18E, S.L.B.&M.
462' FSL 1787' FWL

FIGURE #4

SCALE: 1" = 50'
DATE: 09-28-11
DRAWN BY: C.A.G.
REVISED: 11-02-11

REGISTERED LAND SURVEYOR
No. 161319
ROBERT L.
STATE OF UTAH
10-26



APPROXIMATE ACREAGES
UN-RECLAIMED = ± 0.905 ACRES

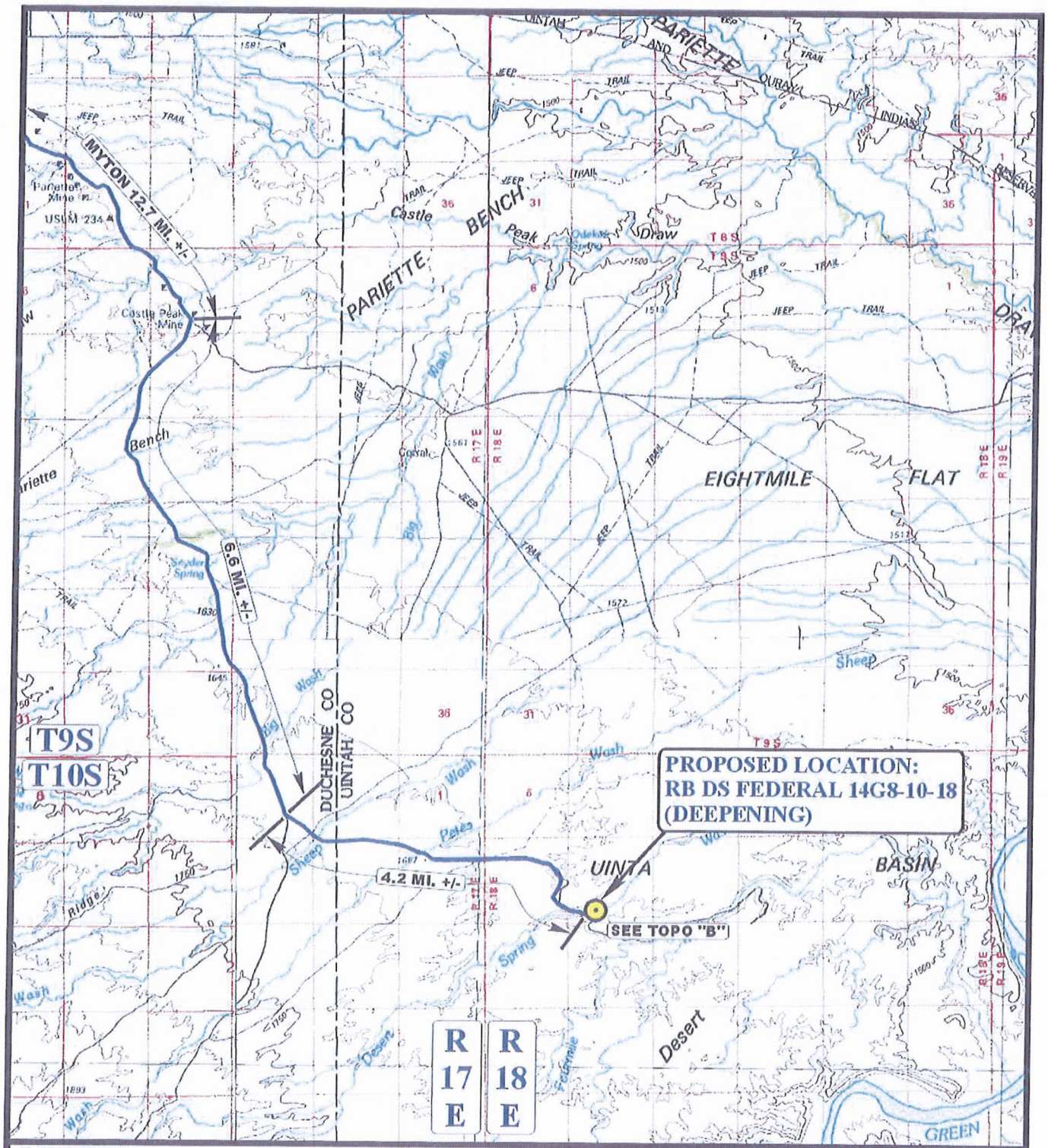
RECLAIMED AREA

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

QEP ENERGY COMPANY
RB DS FEDERAL #14G8-10-18 (DEEPENING)
SECTION 8, T10S, R18E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM MYTON, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 1.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 11.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 6.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY, THEN EASTERLY, THEN SOUTHERLY, THEN SOUTHWESTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 4.2 MILES TO JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM MYTON, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 23.6 MILES.



LEGEND:

PROPOSED LOCATION

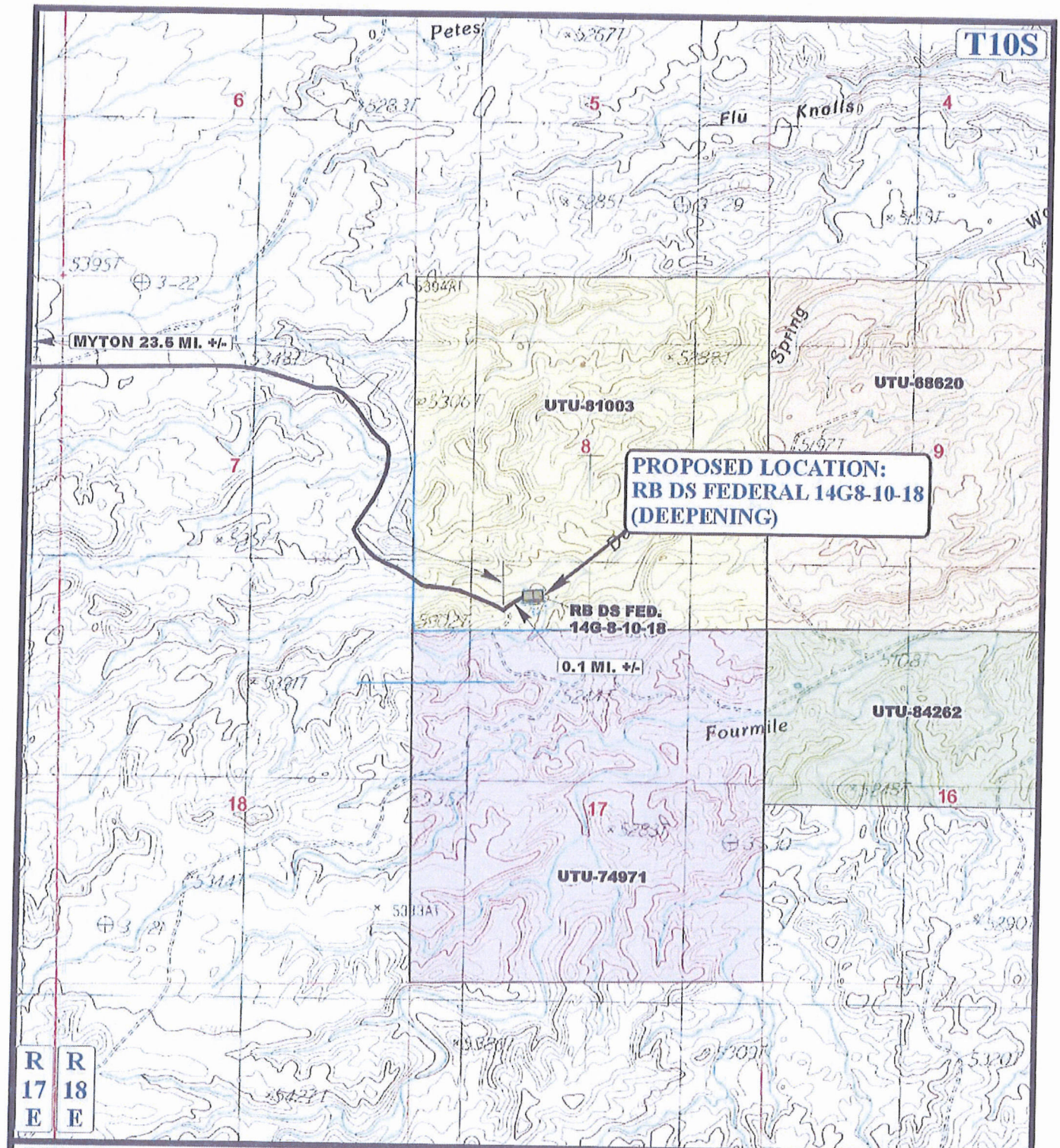
N

QEP ENERGY COMPANY

RB DS FEDERAL 14G8-10-18 (DEEPENING)
SECTION 8, T10S, R18E, S.L.B.&M.
462' FSL 1787' FWL

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

ACCESS ROAD MAP	09 MONTH	16 DAY	11 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: J.L.G.	REVISED: 11-08-11		



LEGEND:

EXISTING ROAD

PROPOSED ACCESS ROAD

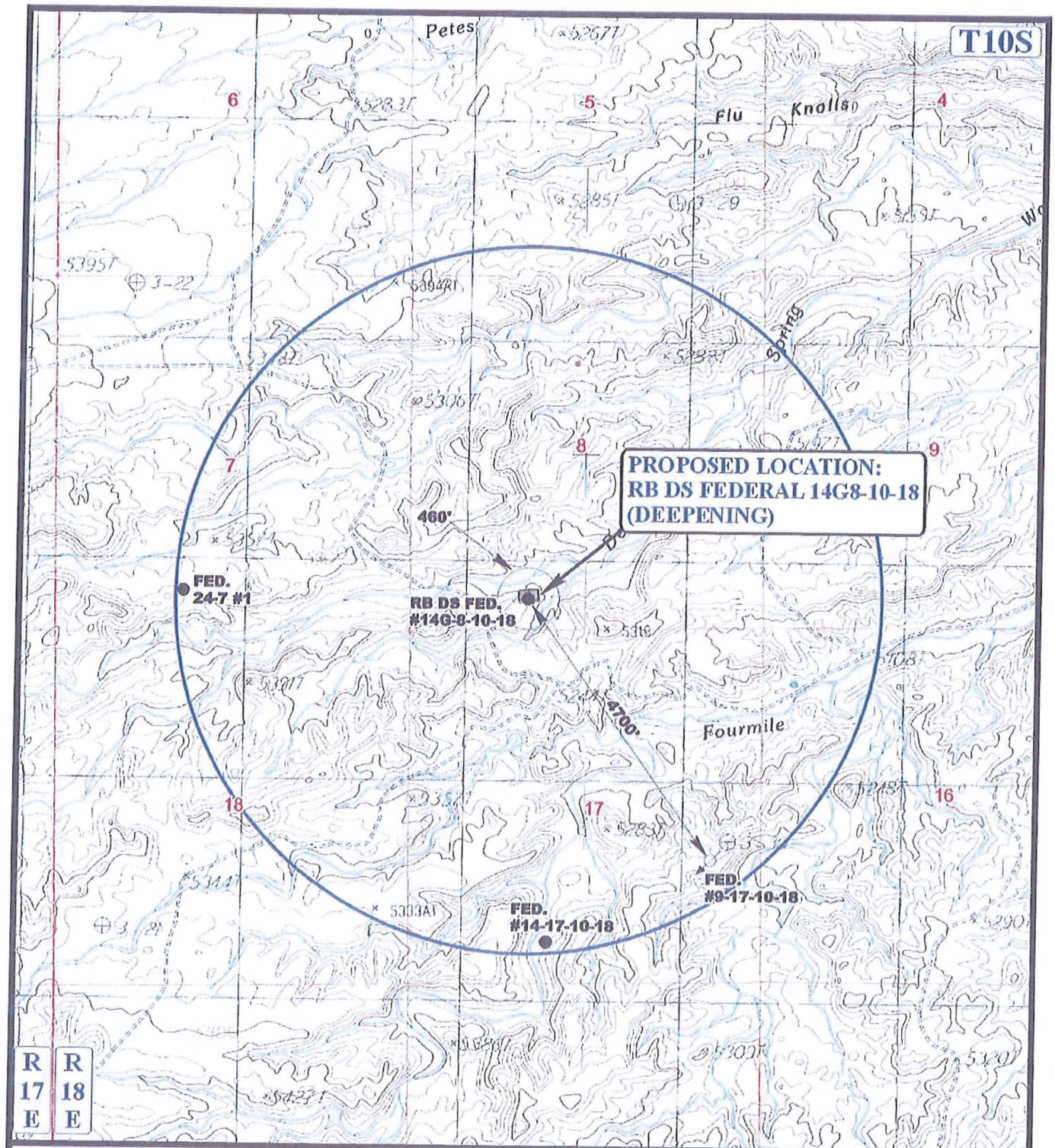
N

QEP ENERGY COMPANY

RB DS FEDERAL 14G8-10-18 (DEEPENING)
SECTION 8, T10S, R18E, S.L.B.&M.
462' FSL 1787' FWL

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

ACCESS ROAD MAP	09 MONTH	16 DAY	11 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: J.L.G.	REVISED: 11-08-11		



LEGEND:

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

N

QEP ENERGY COMPANY

RB DS FEDERAL 14G8-10-18 (DEEPENING)
SECTION 8, T10S, R18E, S.L.B.&M.
462' FSL 1787' FWL

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

ACCESS ROAD MAP	09 MONTH	16 DAY	11 YEAR	C TOPO
SCALE: 1" = 2000'	DRAWN BY: J.L.G.	REVISED: 11-08-11		

QEP ENERGY COMPANY

REFERENCE MAP: AREA OF VEGETATION

RB DS #14G8-10-18 (DEEPENING)

LOCATED IN UINTAH COUNTY, UTAH
SECTION 8, T10S, R18E, S.L.B.&M.

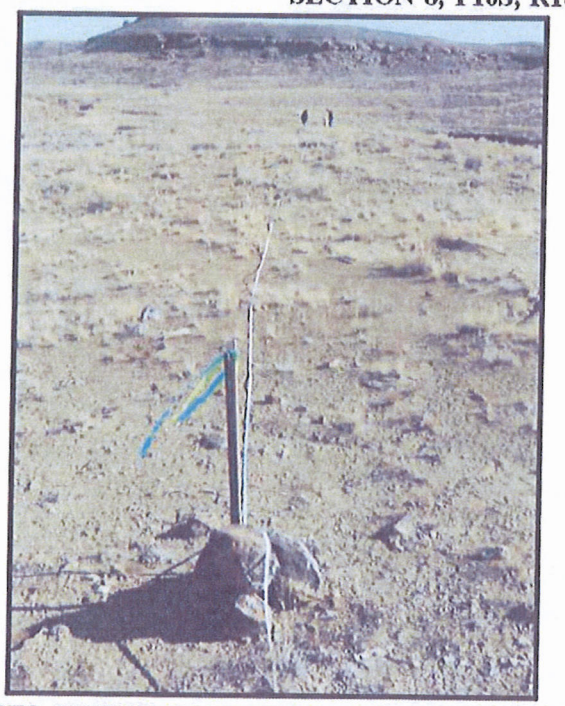
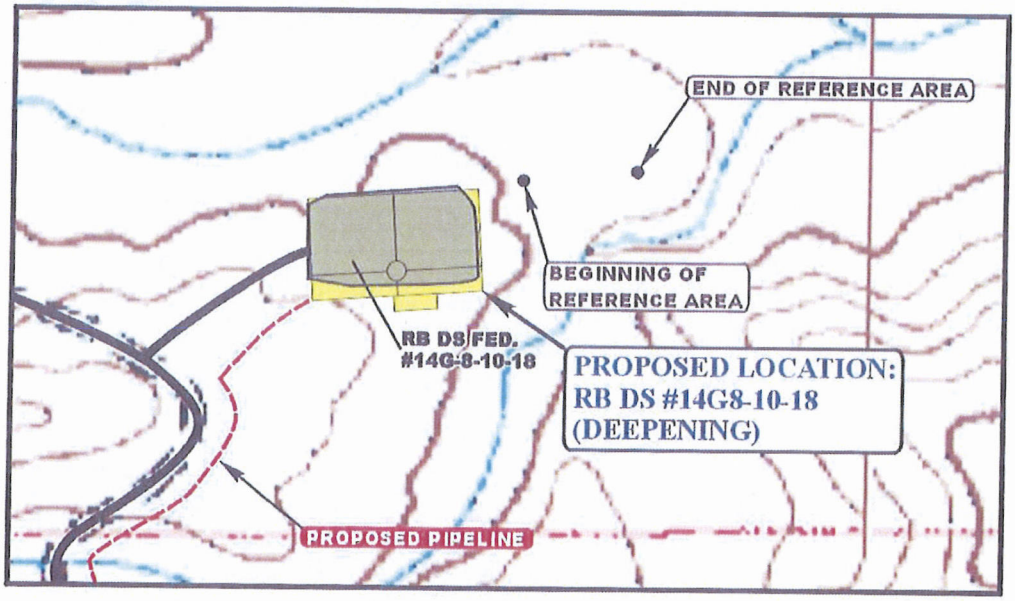


PHOTO: VIEW FROM BEGINNING OF REFERENCE AREA

NOTE:

BEGINNING OF REFERENCE AREA
UTM NORTHING: 14511409.948
UTM EASTING: 1943212.655
LATITUDE: 39.952883
LONGITUDE: -109.919536

END OF REFERENCE AREA
UTM NORTHING: 14511426.514
UTM EASTING: 1943410.995
LATITUDE: 39.952922
LONGITUDE: -109.918828



- Since 1964 -
UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

SCALE: 1" = 300'	11 MONTH	14 DAY	11 YEAR	REF.
TAKEN BY: A.F.	DRAWN BY: J.L.G.	REVISED: 00-00-00		

WORKSHEET

APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/29/2011

API NO. ASSIGNED: 43-047-35933

WELL NAME: RB DS FED 14G-8-10-18

OPERATOR: QEP ENERGY COMPANY (N3700)

CONTACT: VALYN DAVIS

PHONE NUMBER: 435-781-4369

PROPOSED LOCATION:

SESW 08 100S 180E

SURFACE: 0462 FSL 1787 FWL

BOTTOM: 0550 FNL 2250 FWL

COUNTY: UINTAH

LATITUDE: 39.95240 LONGITUDE: -109.92035

UTM SURF EASTINGS: 592224 NORTHINGS: 4423032

FIELD NAME: UTELAND BUTTE (695)

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

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-81003

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

✓ Plat

✓ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. ESB000024)

N Potash (Y/N)

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

✓ Water Permit
(No. 49-2153)

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

NA Fee Surf Agreement (Y/N)

NA Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3. * Horizontal

Unit: NEMO (GR)

___ R649-3-2. General

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

___ R649-3-3. Exception

___ Drilling Unit

Board Cause No:

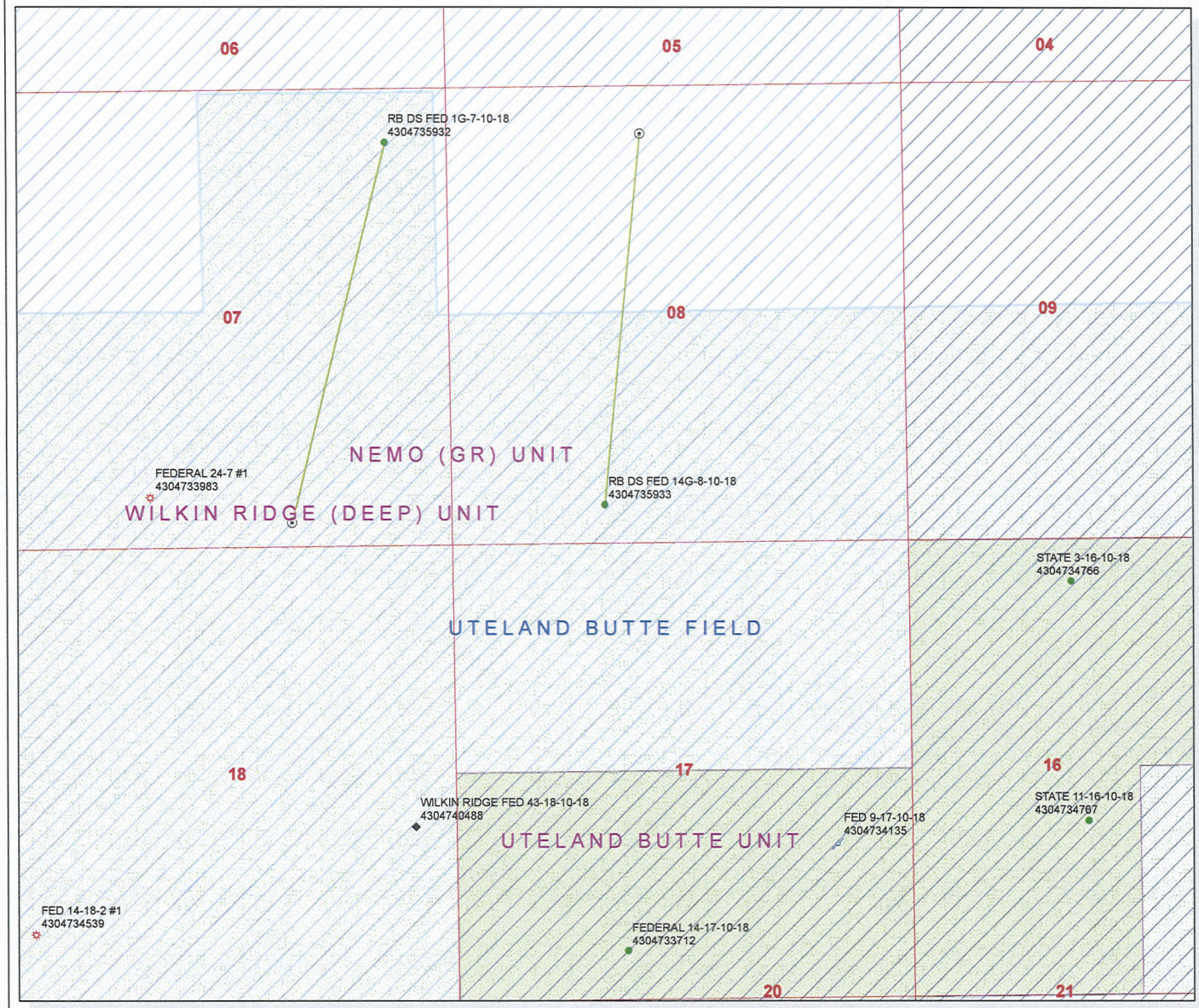
Eff Date:

Siting:

___ R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS: 1- Federal Approval
2- Spacing Stip



API Number: 4304735933

Well Name: RB DS FED 14G-8-10-18

Township T1.0 . Range R1.8 . Section 08

Meridian: SLBM

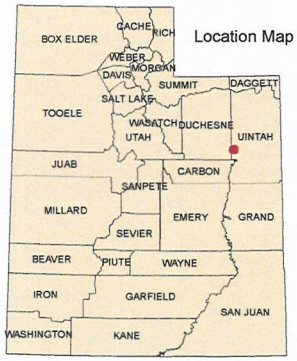
Operator: QEP ENERGY COMPANY

Map Prepared:
Map Produced by Diana Mason

Units
STATUS
- ACTIVE
- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Fields
STATUS
- Unknown
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- STORAGE
- TERMINATED

Wells Query
Status
- APD - Aproved Permit
- DRL - Spuded (Drilling Commenced)
- GIW - Gas Injection
- GS - Gas Storage
- LA - Location Abandoned
- LOC - New Location
- OPS - Operation Suspended
- PA - Plugged Abandoned
- PGW - Producing Gas Well
- POW - Producing Oil Well
- RET - Returned APD
- SGW - Shut-in Gas Well
- SOW - Shut-in Oil Well
- TA - Temp Abandoned
- TW - Test Well
- WDW - Water Disposal
- WIW - Water Injection Well
- WSW - Water Supply Well



1,500 750 0 1,500 Feet

1:14,184

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

December 12, 2011

QEP Energy Company
11002 East 17500 South
Vernal, UT 84078

Subject: RB DS Fed 14G-8-10-18 Well, Surface Location 462' FSL, 1787' FWL, SE SW, Sec. 8, T. 10 South, R. 18 East
Lateral #1: 550' FNL, 2250' FWL, Sec. 8, T. 10 South, R. 18 East, NE NW
Lateral #2: 2450' FSL, 1600' FEL, Sec 18, T. 10 South, R. 18 East, NW SE Uintah County, Utah

Ladies and Gentlemen:

Pursuant to Utah Code Ann.§40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-2. The expected producing formation or pool is the Green River Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-35933.

Sincerely,

for John Rogers
Associate Director

JR/js
Enclosures

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

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

UTAH DNR OIL, GAS & MINING

Operator: QEP Energy Company
Well Name & Number RB DS Fed 14G-8-10-18
API Number: 43-047-35933
Lease: UTU-81003

Surface Location:	SE SW	**Sec.** 8	**T.** 10 South	**R.** 18 East
Lateral #1:	NE NW	**Sec.** 8	**T.** 10 South	**R.** 18 East
Lateral #2:	NW SE	**Sec.** 18	**T.** 10 South	**R.** 18 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. 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.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company; **QEP ENERGY COMPANY**

Well Name: **RB DS FED 14G-8-10-18**

Api No: **43-047-35933** Lease Type **FEDERAL**

Section **08** Township **10S** Range **18E** County **UINTAH**

Drilling Contractor **AZTEC** RIG # **950**

SPUDDED:

Date **05/02/2012**

Time _____

How **ROTARY**

Drilling will Commence: _____

Reported by **DAVID REED**

Telephone # **(435) 828-0396**

Date **05/02/2012** **Signed** **CHD**

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-81003

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: NEMO (GR)

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: RB DS FED 14G-8-10-18

2. NAME OF OPERATOR: QEP ENERGY COMPANY

9. API NUMBER: 43047359330000

3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078

PHONE NUMBER: 303 308-3068 Ext

9. FIELD and POOL or WILDCAT: UTELAND BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0462 FSL 1787 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 08 Township: 10.0S Range: 18.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 5/1/2012	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: CONFIDENTIAL

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

QEP ENERGY COMPANY REQUESTS THIS WELL BE FILED AS "CONFIDENTIAL".

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
May 10, 2012

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Valyn Davis	435 781-4369	Regulatory Affairs Analyst
SIGNATURE N/A		**DATE** 5/1/2012

RECEIVED: May. 01, 2012

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-81003

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: NEMO (GR)

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: RB DS FED 14G-8-10-18

2. NAME OF OPERATOR: QEP ENERGY COMPANY

9. API NUMBER: 43047359330000

3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078

PHONE NUMBER: 303 308-3068 Ext

9. FIELD and POOL or WILDCAT: UTELAND BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0462 FSL 1787 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 08 Township: 10.0S Range: 18.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION

- ✓ NOTICE OF INTENT — Approximate date work will start: 5/8/2012
- ☐ SUBSEQUENT REPORT — Date of Work Completion:
- ☐ SPUD REPORT — Date of Spud:
- ☐ DRILLING REPORT — Report Date:

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
✓ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

QEP ENERGY COMPANY REQUESTS TO CHANGE THE CASING ON THE ABOVE MENTIONED WELL. PLEASE SEE ATTACHED.

Accepted by the Utah Division of Oil, Gas and Mining

Date: May 09, 2012

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Valyn Davis	435 781-4369	Regulatory Affairs Analyst

SIGNATURE	DATE
N/A	5/8/2012

RECEIVED: May. 08, 2012

QEP ENERGY COMPANY
RB DS FED 14G-8-10-18
43-047-35933

QEP Energy Company requests to change the casing as follows:

We are going to run 3-1/2" P-110 UltraFJ with slotted joints in this well which varies from the original LTC. We will run as follows:

Lateral 1 – Blank 3-1/2" P-110 UltraFJ from 4,469' MD to 5,029' MD and begin alternating a slotted joint every other joint from 5,029' MD to 9,112'MD (TD)

Lateral 2 - Blank 3-1/2" P-110 UltraFJ from 4,410' MD to 5,091' MD and begin alternating a slotted joint every other joint from 5,091' MD to 9,316'MD (TD)

Pipe Info:

Dimensions:

Csg.	Nominal ID	Drift	Collar OD	Capacity
9.2#	2.992"	2.867"	3.5"	0.0087 bbl/ft

Strengths:

Csg.	Burst (psi)	Collapse (psi)	Tension (lbs)	Min. Torque (lb*ft)	Opt. Torque (lb*ft)	Max Torque (lb*ft)
9.2#	13,970	13,530	183,000	2,800	3,100	3,400

RECEIVED: May. 08, 2012

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-81003

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: NEMO (GR)

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: RB DS FED 14G-8-10-18

2. NAME OF OPERATOR: QEP ENERGY COMPANY

9. API NUMBER: 43047359330000

3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078

PHONE NUMBER: 303 308-3068 Ext

9. FIELD and POOL or WILDCAT: UTELAND BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0462 FSL 1787 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 08 Township: 10.0S Range: 18.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION

- ☐ NOTICE OF INTENT — Approximate date work will start:
- ✓ SUBSEQUENT REPORT — Date of Work Completion: 7/12/2012
- ☐ SPUD REPORT — Date of Spud:
- ☐ DRILLING REPORT — Report Date:

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
✓ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

THIS WELL COMMENCED PRODUCTION ON JULY 12, 2012.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
July 27, 2012

NAME (PLEASE PRINT) Valyn Davis

PHONE NUMBER 435 781-4369

TITLE Regulatory Affairs Analyst

SIGNATURE N/A

DATE 7/23/2012

RECEIVED: Jul. 23, 2012

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-81003

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: NEMO (GR)

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: RB DS FED 14G-8-10-18

2. NAME OF OPERATOR: QEP ENERGY COMPANY

9. API NUMBER: 43047359330000

3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078

PHONE NUMBER: 303 308-3068 Ext

9. FIELD and POOL or WILDCAT: UTELAND BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0462 FSL 1787 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 08 Township: 10.0S Range: 18.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 7/31/2012	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	✓ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

QEP ENERGY COMPANY REQUESTS AUTHORIZATION TO FLARE GAS BEYOND THE 30 DAY LIMIT ESTABLISHED IN NTL-4A. THE WELL IS LOCATED APPROXIMATELY 6 MILES FROM THE NEAREST GAS GATHERING SYSTEM, THE THREE RIVERS PIPELINE. THE WELL STARTED PRODUCING JULY 12, 2012. QEP ENERGY COMPANY IS CURRENTLY WORKING TO PERMIT A GAS GATHERING SYSTEM FOR THIS FIELD AND WILL BE SUBMITTING R-O-W PERMITS IN THE NEAR FUTURE. IT IS ESTIMATED THAT THE R-O-W WILL TAKE APPROXIMATELY 18 MONTHS TO PERMIT AND WITH CONSTRUCTION TIME INCLUDED, QEP ENERGY COMPANY REQUESTS APPROVAL TO FLARE GAS ON THIS WELL FOR A MINIMUM OF TWO YEARS WITH A REVIEW OF THE AREA AND ADJACENT WELLS IN THE LATER PART OF 2013.

Accepted by the Utah Division of Oil, Gas and Mining

Date: August 08, 2012

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Valyn Davis	435 781-4369	Regulatory Affairs Analyst

SIGNATURE	DATE
N/A	7/31/2012

RECEIVED: Jul. 31, 2012

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047359330000

Well is producing gas under the amount allowed to be flared without approval by rule R649-3-20. Flaring above 1800 mcf/month is not allowed without further approval.

RECEIVED: Jul. 31, 2012

Form 3160-4
(August 2007)

CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. UTU81003

1a. Type of Well ☑ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other: RE-ENTRY

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No. UTU87719X

2. Name of Operator: QEP ENERGY COMPANY

8. Lease Name and Well No. RBDS 14G-8-10-18

3. Address: 11002 EAST 17500 SOUTH, VERNAL, UT 84078

3a. Phone No. (include area code): 435-781-4320

9. AFI Well No. 43-047-35933

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface: 462' FSL, 1787' FWL, SESW

At top prod. interval reported below: 2 LEG HORIZONTAL, SEE REMARKS

At total depth: 2 LEG HORIZONTAL, SEE REMARKS

10. Field and Pool or Exploratory: UTELAND BUTTE

11. Sec., T., R., M., on Block and Survey or Area: SEC. 8, T10S, R18E, SLB

12. County or Parish: UINTAH

13. State: UT

14. Date Spudded: ~~12/02/2004~~ 5/2/2012

15. Date T.D. Reached: ~~12/08/2004~~

16. Date Completed: 07/13/2012 ☐ D & A ☑ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*: 5225 KB

18. Total Depth: MD 8550 TVD 4769 3781

19. Plug Back T.D.: MD TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each): NONE

22. Was well cored? ☑ No ☐ Yes (Submit analysis)
Was DST run? ☑ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☑ Yes (Submit copy)

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.25	9.625/ J-55	36	0	489		225			
6.125	5.5/ J-55	15.5	0	5089		550		600	
L1	3.5/HCP110	9.3	4457	7448		NONE			
L2	3.5/HCP110	9.3	4391	8547		NONE			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	4428							

25. Producing Intervals

Formation	Top	Bottom
A) L1 GREEN RIVER	5262	7448
B) L2 GREEN RIVER	5165	8547
C)		
D)		

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
SEE REMARKS			

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

Depth Interval	Amount and Type of Material
5262 - 7448	1710 BBLS 15% HCL, 170 BBLS 2% KCL
5165 - 8547	1429 BBLS 15% HCL

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
07/12/12	07/17/12	24	→	386	0	17			GAS PUMPING UNIT

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
	100	50	→	386	0	17		POW

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					

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*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

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

28c. Production - Interval D

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

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

USED FOR FUEL AND FLARE

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				GREEN RIVER	1100
				CASTLE PEAK MEMBER	4269
				UTELAND BUTTE	4707
				A' SAND INTERVAL	4753
				C' SHOAL LIME	4873

32. Additional remarks (include plugging procedure):

#4 - L1 (NORTH) 2197' FNL, 2191' FWL, SENW, SECTION 8, T10S, R18E, LEASE # UTU81003
L2 (SOUTHWEST) 2151' FNL, 1210' FEL, SENE, SECTION 18, T10S, R18E, LEASE # UTU74971

#14 - RE-ENTRY SPUD DATE: 05/04/2012

#26 - L1 (NORTH) 3.5" 9.3# HCP-110 UFJ BLANK 4457'-5262', ALTERNATING JOINTS OF BLANK AND PERFORATED 5262' - 7448'
L2 (SOUTHWEST) 3.5" 9.3# HCP-110 UFJ BLANK 4391' - 5165', ALTERNATING JOINTS OF BLANK AND PERFORATED 5165' - 8547'

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
- ☐ Geologic Report
- ☐ DST Report
- ☑ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
- ☐ Core Analysis
- ☑ Other: RE-ENTRY SUMMARY & COMPLETION SUMMARY

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

Name *(please print)* BENNA R. MUTH Title CONTRACTOR

Signature Benna R Muth Date 09/04/2012

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.

(Continued on page 3)

Form 3160-4
(August 2007)

CONFIDENTIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.: UTU81003

1a. Type of Well: [x] Oil Well [ ] Gas Well [ ] Dry [ ] Other
b. Type of Completion: [ ] New Well [ ] Work Over [ ] Deepen [ ] Plug Back [ ] Diff. Resvr.,
Other: RE-ENTRY

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.: UTU87719X

2. Name of Operator: QEP ENERGY COMPANY

8. Lease Name and Well No.: RBDS 14G-8-10-18

3. Address: 11002 EAST 17500 SOUTH, VERNAL, UT 84078

3a. Phone No. (include area code): 435-781-4320

9. AFI Well No.: 43-047-35933

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface: 462' FSL, 1787' FWL, SESW
At top prod. interval reported below: 2 LEG HORIZONTAL, SEE REMARKS
At total depth: 2 LEG HORIZONTAL, SEE REMARKS

10. Field and Pool or Exploratory: UTELAND BUTTE

11. Sec., T., R., M., on Block and Survey or Area: SEC. 8, T10S, R18E, SLB

12. County or Parish: UINTAH

13. State: UT

14. Date Spudded: ~~12/02/2004~~ 5/2/2012

15. Date T.D. Reached: 12/08/2004

16. Date Completed: 07/13/2012 [ ] D & A [x] Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*: 5225 KB

18. Total Depth: MD 11,712 / TVD 9962 L2 8550 / L2 4769

19. Plug Back T.D.: MD / TVD

20. Depth Bridge Plug Set: MD / TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each): NONE

22. Was well cored? [x] No [ ] Yes (Submit analysis)
Was DST run? [x] No [ ] Yes (Submit report)
Directional Survey? [ ] No [x] Yes (Submit copy)

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

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.25	9.625/ J-55	36	0	489		225			
6.125	5.5/ J-55	15.5	0	5089		550		600	
L1	3.5/HCP110	9.3	4457	7448		NONE			
L2	3.5/HCP110	9.3	4391	8547		NONE			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	4428							

25. Producing Intervals

Formation	Top	Bottom
A) L1 GREEN RIVER	5262	7448
B) L2 GREEN RIVER	5165	8547
C)		
D)		

26. Perforation Record

Perforated Interval	Size	No. Holes	Perf. Status
SEE REMARKS			

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

Depth Interval	Amount and Type of Material
5262 - 7448	1710 BBLS 15% HCL, 170 BBLS 2% KCL
5165 - 8547	1429 BBLS 15% HCL

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
07/12/12	07/17/12	24	→	386	0	17			GAS PUMPING UNIT

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
	100	50	→	386	0	17		POW

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status
			→					

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*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

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

28c. Production - Interval D

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

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

USED FOR FUEL AND FLARE

30. Summary of Porous Zones (Include Aquifers):

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

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
				GREEN RIVER	1100
				CASTLE PEAK MEMBER	4269
				UTELAND BUTTE	4707
				A' SAND INTERVAL	4753
				C' SHOAL LIME	4873

32. Additional remarks (include plugging procedure):

#4 - L1 (NORTH) 2274 FNL, 2191' FWL, SENW, SECTION 8, T10S, R18E, LEASE # UTU81003
L2 (SOUTHWEST) 2148 FNL, 1210' FEL, SENE, SECTION 18, T10S, R18E, LEASE # UTU74971

#14 - RE-ENTRY SPUD DATE: 05/04/2012

#26 - L1 (NORTH) 3.5" 9.3# HCP-110 UFJ BLANK 4457'-5262', ALTERNATING JOINTS OF BLANK AND PERFORATED 5262' - 7448'
L2 (SOUTHWEST) 3.5" 9.3# HCP-110 UFJ BLANK 4391' - 5165', ALTERNATING JOINTS OF BLANK AND PERFORATED 5165' - 8547'

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
- ☐ Geologic Report
- ☐ DST Report
- ☑ Directional Survey
- ☐ Sundry Notice for plugging and cement verification
- ☐ Core Analysis
- ☑ Other: RE-ENTRY SUMMARY & COMPLETION SUMMARY

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

Name *(please print)* BENNA R. MUTH Title CONTRACTOR

Signature Benna R Muth Date 09/04/2012

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.

(Continued on page 3)

CONFIDENTIAL

QEP Energy Company

Uintah County, UT NAD83
RB DS Fed
RB DS Fed 14G8-10-18

Lateral 1 - Sidetrack 1

Design: Sidetrack 1

Standard Survey Report

30 July, 2012

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DIV. OF OIL, GAS & MINING

Scientific Drilling International, Inc.

Survey Report

Company:	QEP Energy Company	**Local Co-ordinate Reference:**	Well RB DS Fed 14G8-10-18
Project:	Uintah County, UT NAD83	**TVD Reference:**	GL 5207'; & KB 16' @ 5223.00ft
Site:	RB DS Fed	**MD Reference:**	GL 5207'; & KB 16' @ 5223.00ft
Well:	RB DS Fed 14G8-10-18	**North Reference:**	True
Wellbore:	Lateral 1 - Sidetrack 1	**Survey Calculation Method:**	Minimum Curvature
Design:	Sidetrack 1	**Database:**	Rockies Compass Server

Project Uintah County, UT NAD83

Map System:	US State Plane 1983	**System Datum:**	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site RB DS Fed

Site Position:		**Northing:**	7,155,320.04 usft	**Latitude:**	39° 57' 8.881 N
From:	Lat/Long	**Easting:**	2,083,216.82 usft	**Longitude:**	109° 55' 13.249 W
Position Uncertainty:	0.00 ft	**Slot Radius:**	13.200 in	**Grid Convergence:**	1.01 °

Well RB DS Fed 14G8-10-18

Well Position	**+N/-S**	0.00 ft	**Northing:**	7,155,320.01 usft	**Latitude:**	39° 57' 8.881 N
	+E/-W	0.00 ft	**Easting:**	2,083,216.82 usft	**Longitude:**	109° 55' 13.249 W
Position Uncertainty		0.00 ft	**Wellhead Elevation:**	ft	**Ground Level:**	5,207.00 ft

Wellbore Lateral 1 - Sidetrack 1

Magnetics	**Model Name**	**Sample Date**	**Declination (°)**	**Dip Angle (°)**	**Field Strength (nT)**
	IGRF2010	7/30/2012	11.10	65.72	52,131

Design Sidetrack 1

Audit Notes:

Version:	1.0	**Phase:**	ACTUAL	**Tie On Depth:**	4,952.00

Vertical Section:	**Depth From (TVD) (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Direction (°)**
	0.00	0.00	0.00	9.15

Survey Program **Date** 7/30/2012

From (ft)	**To (ft)**	**Survey (Wellbore)**	**Tool Name**	**Description**
41.00	4,476.00	Survey #1 (OH)	Standard Keeper	Standard Wireline Keeper ver 1.0.2
4,543.00	4,952.00	Survey #1 - Lateral 1 (Lateral 1)	MWD	MWD - Standard
4,978.00	6,365.00	Survey #1 - Sidetrack 1 (Lateral 1 - Sidetra	MWD	MWD - Standard
6,408.00	7,412.00	Survey #2 - SDI MWD (Lateral 1 - Sidetrac	MWD SDI	MWD - Standard ver 1.0.1

Survey

Measured Depth (ft)	**Inclination (°)**	**Azimuth (°)**	**Vertical Depth (ft)**	**+N/-S (ft)**	**+E/-W (ft)**	**Vertical Section (ft)**	**Dogleg Rate (°/100ft)**	**Build Rate (°/100ft)**	**Turn Rate (°/100ft)**
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
41.00	0.52	338.68	41.00	0.17	-0.07	0.16	1.27	1.27	0.00
116.00	0.10	219.88	116.00	0.44	-0.23	0.40	0.77	-0.56	-158.40
216.00	0.26	359.16	216.00	0.80	-0.29	0.55	0.34	0.16	139.28
316.00	0.24	355.21	316.00	1.04	-0.31	0.97	0.03	-0.02	-3.95
416.00	0.19	134.58	416.00	1.13	-0.21	1.08	0.40	-0.05	139.37
516.00	0.21	42.83	516.00	1.15	0.03	1.14	0.29	0.02	-91.75
616.00	0.22	117.85	616.00	1.19	0.32	1.23	0.26	0.01	75.02

Scientific Drilling International, Inc.

Survey Report

Company:	QEP Energy Company	Local Co-ordinate Reference:	Well RB DS Fed 14G8-10-18
Project:	Uintah County, UT NAD83	TVD Reference:	GL 5207'; & KB 16' @ 5223.00ft
Site:	RB DS Fed	MD Reference:	GL 5207'; & KB 16' @ 5223.00ft
Well:	RB DS Fed 14G8-10-18	North Reference:	True
Wellbore:	Lateral 1 - Sidetrack 1	Survey Calculation Method:	Minimum Curvature
Design:	Sidetrack 1	Database:	Rockies Compass Server

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
716.00	0.20	152.28	716.00	0.95	0.58	1.03	0.13	-0.02	34.43
816.00	0.15	303.95	816.00	0.87	0.55	0.94	0.34	-0.05	151.87
916.00	0.04	57.04	916.00	0.96	0.47	1.02	0.17	-0.11	113.09
1,016.00	0.28	174.03	1,015.99	0.73	0.52	0.81	0.30	0.24	116.99
1,116.00	0.55	172.26	1,115.99	0.01	0.61	0.11	0.27	0.27	-1.77
1,216.00	0.73	161.40	1,215.99	-1.06	0.88	-0.91	0.22	0.18	-10.86
1,316.00	0.70	138.86	1,315.98	-2.13	1.49	-1.87	0.28	-0.03	-22.54
1,416.00	0.52	132.98	1,415.97	-2.90	2.22	-2.51	0.19	-0.18	-5.88
1,516.00	0.72	172.30	1,515.97	-3.83	2.64	-3.36	0.46	0.20	39.32
1,616.00	1.35	159.20	1,615.95	-5.55	3.14	-4.98	0.67	0.63	-13.10
1,716.00	1.47	151.30	1,715.92	-7.78	4.17	-7.02	0.23	0.12	-7.90
1,816.00	1.75	143.03	1,815.88	-10.13	5.71	-9.09	0.36	0.28	-8.27
1,916.00	1.51	149.69	1,915.84	-12.48	7.29	-11.16	0.31	-0.24	6.66
2,016.00	1.52	159.32	2,015.81	-14.86	8.42	-13.33	0.25	0.01	9.63
2,116.00	1.47	162.53	2,115.77	-17.33	9.28	-15.63	0.10	-0.05	3.21
2,216.00	1.57	168.22	2,215.74	-19.89	9.94	-18.06	0.18	0.10	5.69
2,316.00	1.67	167.98	2,315.70	-22.66	10.53	-20.69	0.10	0.10	-0.24
2,416.00	1.60	172.76	2,415.66	-25.47	11.00	-23.39	0.15	-0.07	4.78
2,516.00	1.45	173.01	2,515.62	-28.11	11.33	-25.95	0.15	-0.15	0.25
2,616.00	1.49	158.22	2,615.59	-30.57	11.87	-28.28	0.38	0.04	-14.79
2,716.00	1.81	176.03	2,715.55	-33.35	12.56	-30.93	0.60	0.32	17.81
2,816.00	1.41	169.24	2,815.51	-36.14	12.90	-33.63	0.44	-0.40	-6.79
2,916.00	1.74	170.24	2,915.47	-38.84	13.39	-36.22	0.33	0.33	1.00
3,016.00	1.36	173.28	3,015.43	-41.52	13.78	-38.80	0.39	-0.38	3.04
3,116.00	1.86	177.50	3,115.39	-44.32	13.99	-41.53	0.51	0.50	4.22
3,216.00	1.62	186.58	3,215.35	-47.34	13.90	-44.53	0.36	-0.24	9.08
3,316.00	2.01	189.98	3,315.30	-50.47	13.44	-47.69	0.40	0.39	3.40
3,416.00	1.58	191.77	3,415.25	-53.55	12.85	-50.82	0.43	-0.43	1.79
3,516.00	1.83	197.59	3,515.20	-56.42	12.09	-53.78	0.30	0.25	5.82
3,616.00	2.13	187.99	3,615.14	-59.78	11.35	-57.22	0.45	0.30	-9.60
3,716.00	1.87	180.47	3,715.08	-63.26	11.08	-60.69	0.37	-0.26	-7.52
3,816.00	1.87	180.55	3,815.03	-66.52	11.05	-63.92	0.00	0.00	0.08
3,916.00	1.86	191.28	3,914.98	-69.74	10.71	-67.15	0.35	-0.01	10.73
4,016.00	2.40	176.26	4,014.91	-73.42	10.53	-70.81	0.77	0.54	-15.02
4,116.00	2.45	179.31	4,114.82	-77.65	10.70	-74.96	0.14	0.05	3.05
4,216.00	2.51	181.74	4,214.72	-81.98	10.65	-79.24	0.12	0.06	2.43
4,316.00	2.28	178.22	4,314.64	-86.15	10.65	-83.36	0.27	-0.23	-3.52
4,376.00	2.15	179.23	4,374.59	-88.47	10.70	-85.64	0.23	-0.22	1.68
4,396.00	2.13	181.76	4,394.58	-89.22	10.70	-86.38	0.48	-0.10	12.65
4,416.00	2.15	182.62	4,414.56	-89.96	10.67	-87.12	0.19	0.10	4.30
4,436.00	2.15	186.55	4,434.55	-90.71	10.61	-87.87	0.74	0.00	19.65
4,456.00	2.19	184.13	4,454.54	-91.47	10.54	-88.63	0.50	0.20	-12.10
4,476.00	2.18	185.77	4,474.52	-92.22	10.47	-89.39	0.32	-0.05	8.20

Scientific Drilling International, Inc.

Survey Report

Company:	QEP Energy Company	Local Co-ordinate Reference:	Well RB DS Fed 14G8-10-18
Project:	Uintah County, UT NAD83	TVD Reference:	GL 5207'; & KB 16' @ 5223.00ft
Site:	RB DS Fed	MD Reference:	GL 5207'; & KB 16' @ 5223.00ft
Well:	RB DS Fed 14G8-10-18	North Reference:	True
Wellbore:	Lateral 1 - Sidetrack 1	Survey Calculation Method:	Minimum Curvature
Design:	Sidetrack 1	Database:	Rockies Compass Server

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,543.00	10.10	351.70	4,541.23	-87.66	9.49	-85.04	18.25	11.82	247.66
4,571.00	12.70	346.30	4,568.68	-82.24	8.41	-79.86	10.03	9.29	-19.29
4,606.00	12.40	322.50	4,602.86	-75.52	5.21	-73.73	14.70	-0.86	-68.00
4,637.00	17.50	328.40	4,632.81	-68.90	0.73	-67.91	17.15	15.45	19.03
4,669.00	24.40	335.90	4,662.68	-58.76	-4.49	-58.72	23.09	21.56	23.44
4,701.00	30.60	345.50	4,691.06	-44.82	-9.24	-45.72	23.76	19.38	30.00
4,732.00	34.00	358.00	4,717.29	-28.49	-11.52	-29.96	24.13	10.97	40.32
4,764.00	38.00	4.70	4,743.19	-9.72	-11.02	-11.35	17.53	12.50	20.94
4,796.00	44.00	7.20	4,767.33	11.15	-8.82	9.60	19.43	18.75	7.81
4,827.00	50.50	9.50	4,788.36	33.65	-5.49	32.35	21.66	20.97	7.42
4,858.00	56.10	13.50	4,806.88	57.98	-0.51	57.16	20.81	18.06	12.90
4,890.00	61.50	15.30	4,823.48	84.48	6.30	84.41	17.55	16.88	5.63
4,921.00	62.60	15.80	4,837.98	110.86	13.65	111.62	3.82	3.55	1.61
4,952.00	64.60	17.50	4,851.77	137.46	21.60	139.14	8.11	6.45	5.48
TIP to Lat 1									
4,978.00	68.90	21.40	4,862.03	159.97	29.57	162.63	21.52	16.54	15.00
5,010.00	74.30	22.30	4,872.13	188.14	40.87	192.24	17.08	16.88	2.81
5,042.00	76.00	21.00	4,880.33	216.69	52.28	222.44	6.61	5.31	-4.06
5,073.00	79.70	19.00	4,886.68	245.36	62.64	252.20	13.50	11.94	-6.45
5,104.00	83.60	18.50	4,891.36	274.40	72.49	282.43	12.68	12.58	-1.61
5,138.00	90.30	16.30	4,893.16	306.78	82.64	316.01	20.74	19.71	-6.47
5,174.00	93.20	17.10	4,892.07	341.24	92.98	351.68	8.36	8.06	2.22
5,206.00	92.90	15.10	4,890.38	371.94	101.84	383.40	6.31	-0.94	-6.25
5,237.00	92.00	16.10	4,889.04	401.77	110.17	414.17	4.34	-2.90	3.23
5,269.00	86.80	14.30	4,889.37	432.63	118.55	445.98	17.20	-16.25	-5.63
5,301.00	86.30	13.50	4,891.30	463.64	126.23	477.81	2.94	-1.56	-2.50
5,332.00	88.80	14.50	4,892.62	493.69	133.72	508.67	8.68	8.06	3.23
5,364.00	90.60	14.60	4,892.79	524.66	141.76	540.53	5.63	5.63	0.31
5,395.00	90.30	13.40	4,892.55	554.74	149.26	571.42	3.99	-0.97	-3.87
5,427.00	89.10	14.80	4,892.71	585.77	157.05	603.30	5.76	-3.75	4.38
5,458.00	85.60	13.90	4,894.15	615.77	164.73	634.13	11.66	-11.29	-2.90
5,490.00	84.90	12.20	4,896.80	646.83	171.93	665.94	5.73	-2.19	-5.31
5,522.00	87.80	11.70	4,898.83	678.07	178.54	697.84	9.20	9.06	-1.56
5,553.00	89.00	12.60	4,899.70	708.37	185.06	728.78	4.84	3.87	2.90
5,585.00	88.10	12.00	4,900.51	739.62	191.87	760.72	3.38	-2.81	-1.88
5,616.00	88.20	9.90	4,901.51	770.04	197.76	791.69	6.78	0.32	-6.77
5,648.00	89.10	11.40	4,902.27	801.48	203.67	823.67	5.47	2.81	4.69
5,680.00	88.10	12.90	4,903.05	832.75	210.40	855.61	5.63	-3.13	4.69
5,712.00	88.60	11.10	4,903.97	864.04	217.05	887.56	5.84	1.56	-5.63
5,743.00	88.00	12.70	4,904.89	894.36	223.44	918.51	5.51	-1.94	5.16
5,775.00	87.80	11.70	4,906.06	925.61	230.20	950.44	3.18	-0.63	-3.13
5,806.00	88.90	11.60	4,906.95	955.96	236.46	981.40	3.56	3.55	-0.32
5,838.00	87.40	12.40	4,907.99	987.24	243.11	1,013.34	5.31	-4.69	2.50
5,869.00	87.60	12.40	4,909.34	1,017.49	249.76	1,044.26	0.65	0.65	0.00

Scientific Drilling International, Inc.

Survey Report

Company:	QEP Energy Company	**Local Co-ordinate Reference:**	Well RB DS Fed 14G8-10-18
Project:	Uintah County, UT NAD83	**TVD Reference:**	GL 5207'; & KB 16' @ 5223.00ft
Site:	RB DS Fed	**MD Reference:**	GL 5207'; & KB 16' @ 5223.00ft
Well:	RB DS Fed 14G8-10-18	**North Reference:**	True
Wellbore:	Lateral 1 - Sidetrack 1	**Survey Calculation Method:**	Minimum Curvature
Design:	Sidetrack 1	**Database:**	Rockies Compass Server

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,901.00	88.80	12.40	4,910.34	1,048.73	258.63	1,076.20	3.75	3.75	0.00
5,921.00	87.30	12.40	4,911.02	1,068.25	260.92	1,096.15	7.50	-7.50	0.00
5,952.00	87.70	12.60	4,912.38	1,098.49	267.62	1,127.07	1.44	1.29	0.65
5,984.00	89.60	11.00	4,913.13	1,129.80	274.16	1,159.02	7.76	5.94	-5.00
6,015.00	87.20	11.00	4,914.00	1,160.22	280.08	1,189.99	7.74	-7.74	0.00
6,047.00	87.50	13.30	4,915.48	1,191.46	286.60	1,221.91	7.24	0.94	7.19
6,079.00	88.70	10.80	4,916.54	1,222.74	293.48	1,253.85	8.66	3.75	-7.81
6,110.00	89.80	9.70	4,916.94	1,253.24	298.99	1,284.84	5.02	3.55	-3.55
6,141.00	88.40	8.00	4,917.43	1,283.87	303.76	1,315.84	7.10	-4.52	-5.48
6,173.00	86.20	8.80	4,918.94	1,315.49	308.43	1,347.80	7.31	-6.88	2.50
6,207.00	86.00	7.90	4,921.25	1,349.05	313.36	1,381.71	2.71	-0.59	-2.65
6,239.00	87.80	7.70	4,922.98	1,380.70	317.69	1,413.66	5.66	5.63	-0.63
6,270.00	89.20	8.00	4,923.79	1,411.40	321.93	1,444.64	4.62	4.52	0.97
6,302.00	90.00	7.00	4,924.01	1,443.13	326.10	1,476.62	4.00	2.50	-3.13
6,334.00	87.90	6.60	4,924.60	1,474.89	329.89	1,508.59	6.68	-6.56	-1.25
6,365.00	86.00	6.50	4,926.25	1,505.65	333.42	1,539.51	6.14	-6.13	-0.32
TIP to Native Survey - ST 1									
6,408.00	87.77	7.23	4,928.59	1,548.27	338.55	1,582.41	4.45	4.12	1.70
First SDI MWD Survey									
6,440.00	88.76	5.44	4,929.56	1,580.06	342.08	1,614.36	6.39	3.09	-5.59
6,472.00	88.29	5.81	4,930.38	1,611.90	345.22	1,646.28	1.87	-1.47	1.16
6,504.00	88.02	5.89	4,931.41	1,643.71	348.48	1,678.21	0.88	-0.84	0.25
6,535.00	87.04	4.96	4,932.75	1,674.54	351.41	1,709.12	4.36	-3.16	-3.00
6,567.00	87.31	4.69	4,934.32	1,706.39	354.10	1,740.99	1.19	0.84	-0.84
6,599.00	88.86	6.05	4,935.39	1,738.23	357.09	1,772.90	6.44	4.84	4.25
6,630.00	88.79	6.02	4,936.03	1,769.05	360.35	1,803.85	0.25	-0.23	-0.10
6,662.00	88.25	6.24	4,936.85	1,800.86	363.76	1,835.79	1.82	-1.69	0.69
6,693.00	87.95	6.60	4,937.88	1,831.65	367.23	1,866.74	1.51	-0.97	1.16
6,725.00	87.54	6.69	4,939.14	1,863.41	370.93	1,898.68	1.31	-1.28	0.28
6,798.00	88.99	6.30	4,941.35	1,935.91	379.18	1,971.57	2.06	1.99	-0.53
6,830.00	89.16	6.65	4,941.87	1,967.70	382.79	2,003.53	1.22	0.53	1.09
6,861.00	86.97	6.65	4,942.91	1,998.47	386.38	2,034.48	7.06	-7.06	0.00
6,893.00	86.17	6.45	4,944.83	2,030.20	390.02	2,066.39	2.58	-2.50	-0.63
6,924.00	86.53	6.47	4,946.80	2,060.94	393.50	2,097.30	1.16	1.16	0.06
6,956.00	86.70	5.33	4,948.69	2,092.72	396.78	2,129.19	3.60	0.53	-3.56
6,988.00	87.76	5.86	4,950.24	2,124.53	399.90	2,161.09	3.70	3.31	1.66
7,019.00	89.50	4.65	4,950.98	2,155.39	402.74	2,192.01	6.84	5.61	-3.90
7,051.00	90.40	4.10	4,951.01	2,187.29	405.18	2,223.89	3.30	2.81	-1.72
7,082.00	90.71	3.86	4,950.71	2,218.22	407.33	2,254.77	1.26	1.00	-0.77
7,114.00	88.59	2.31	4,950.90	2,250.17	409.05	2,286.58	8.21	-6.63	-4.84
7,145.00	87.14	1.64	4,952.06	2,281.13	410.12	2,317.32	5.15	-4.68	-2.16
7,160.00	86.35	1.46	4,952.91	2,296.10	410.53	2,332.16	5.40	-5.27	-1.20
7,223.00	88.64	0.76	4,955.66	2,359.02	411.75	2,394.48	3.80	3.63	-1.11

Scientific Drilling International, Inc.

Survey Report

Company:	QEP Energy Company	**Local Co-ordinate Reference:**	Well RB DS Fed 14G8-10-18
Project:	Uintah County, UT NAD83	**TVD Reference:**	GL 5207'; & KB 16' @ 5223.00ft
Site:	RB DS Fed	**MD Reference:**	GL 5207'; & KB 16' @ 5223.00ft
Well:	RB DS Fed 14G8-10-18	**North Reference:**	True
Wellbore:	Lateral 1 - Sidetrack 1	**Survey Calculation Method:**	Minimum Curvature
Design:	Sidetrack 1	**Database:**	Rockies Compass Server

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
7,255.00	89.16	0.85	4,956.28	2,391.01	412.20	2,428.13	1.65	1.63	0.28
7,286.00	87.23	359.44	4,957.25	2,421.99	412.27	2,458.73	7.71	-6.23	-4.55
7,318.00	86.79	359.26	4,958.92	2,453.95	411.91	2,488.22	1.49	-1.38	-0.56
7,349.00	87.32	358.83	4,960.52	2,484.90	411.40	2,518.70	2.20	1.71	-1.39
7,381.00	88.37	359.44	4,961.72	2,516.88	410.91	2,550.19	3.79	3.28	1.91
7,412.00	89.60	358.83	4,962.27	2,547.87	410.44	2,580.71	4.43	3.97	-1.97
Last SDI MWD Survey									

2450

Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
4,952.00	4,851.77	137.46	21.60	TIP to Lat 1
6,365.00	4,926.25	1,505.65	333.42	TIP to Native Survey - ST 1
6,408.00	4,928.59	1,548.27	338.55	First SDI MWD Survey
7,412.00	4,962.27	2,547.87	410.44	Last SDI MWD Survey

Checked By: _____ Approved By: _____ Date: _____

CONFIDENTIAL

QEP Energy Company

Uintah County, UT NAD83
RB DS Fed
RB DS Fed 14G8-10-18

Lateral 2

Design: Lateral 2

Standard Survey Report

30 July, 2012

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Scientific Drilling International, Inc.

Survey Report

Company:	QEP Energy Company	Local Co-ordinate Reference:	Well RB DS Fed 14G8-10-18
Project:	Uintah County, UT NAD83	TVD Reference:	GL 5207'; & KB 16' @ 5223.00ft
Site:	RB DS Fed	MD Reference:	GL 5207'; & KB 16' @ 5223.00ft
Well:	RB DS Fed 14G8-10-18	North Reference:	True
Wellbore:	Lateral 2	Survey Calculation Method:	Minimum Curvature
Design:	Lateral 2	Database:	Rockies Compass Server

Project Uintah County, UT NAD83

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

Site RB DS Fed

Site Position:		Northing:	7,155,320.04 usft	Latitude:	39° 57' 8.881 N
From:	Lat/Long	Easting:	2,083,216.82 usft	Longitude:	109° 55' 13.249 W
Position Uncertainty:	0.00 ft	Slot Radius:	13.200 in	Grid Convergence:	1.01 °

Well RB DS Fed 14G8-10-18

Well Position	+N/-S	0.00 ft	Northing:	7,155,320.01 usft	Latitude:	39° 57' 8.881 N
	+E/-W	0.00 ft	Easting:	2,083,216.82 usft	Longitude:	109° 55' 13.249 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,207.00 ft

Wellbore Lateral 2

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	7/30/2012	11.10	65.72	52,131

Design Lateral 2

Audit Notes:

Version:	1.0	Phase:	ACTUAL	Tie On Depth:	4,376.00

Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.00	0.00	0.00	225.76

Survey Program Date 7/30/2012

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
41.00	4,376.00	Survey #1 (OH)	Standard Keeper	Standard Wireline Keeper ver 1.0.2
4,397.00	6,143.00	Survey #1 - Lateral 2 (Lateral 2)	MWD SDI	MWD - Standard ver 1.0.1

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
41.00	0.52	338.68	41.00	0.17	-0.07	-0.07	1.27	1.27	0.00
116.00	0.10	219.88	116.00	0.44	-0.23	-0.14	0.77	-0.56	-158.40
216.00	0.26	359.16	216.00	0.60	-0.29	-0.21	0.34	0.16	139.28
316.00	0.24	355.21	316.00	1.04	-0.31	-0.50	0.03	-0.02	-3.95
416.00	0.19	134.58	416.00	1.13	-0.21	-0.63	0.40	-0.05	139.37
516.00	0.21	42.83	516.00	1.15	0.03	-0.82	0.29	0.02	-91.75
616.00	0.22	117.85	616.00	1.19	0.32	-1.06	0.26	0.01	75.02
716.00	0.20	152.28	716.00	0.95	0.58	-1.07	0.13	-0.02	34.43
816.00	0.15	303.95	816.00	0.87	0.55	-1.00	0.34	-0.05	151.67

Scientific Drilling International, Inc.

Survey Report

Company:	QEP Energy Company	Local Co-ordinate Reference:	Well RB DS Fed 14G8-10-18
Project:	Uintah County, UT NAD83	TVD Reference:	GL 5207'; & KB 16' @ 5223.00ft
Site:	RB DS Fed	MD Reference:	GL 5207'; & KB 16' @ 5223.00ft
Well:	RB DS Fed 14G8-10-18	North Reference:	True
Wellbore:	Lateral 2	Survey Calculation Method:	Minimum Curvature
Design:	Lateral 2	Database:	Rockies Compass Server

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
916.00	0.04	57.04	916.00	0.96	0.47	-1.00	0.17	-0.11	113.09
1,016.00	0.28	174.03	1,015.99	0.73	0.52	-0.89	0.30	0.24	116.99
1,116.00	0.55	172.26	1,115.99	0.01	0.61	-0.45	0.27	0.27	-1.77
1,216.00	0.73	161.40	1,215.99	-1.06	0.68	0.11	0.22	0.18	-10.86
1,316.00	0.70	138.86	1,315.98	-2.13	1.49	0.42	0.28	-0.03	-22.54
1,416.00	0.52	132.98	1,415.97	-2.90	2.22	0.43	0.19	-0.18	-5.88
1,516.00	0.72	172.30	1,515.97	-3.83	2.64	0.78	0.46	0.20	39.32
1,616.00	1.35	159.20	1,615.95	-5.55	3.14	1.63	0.67	0.63	-13.10
1,716.00	1.47	151.30	1,715.92	-7.78	4.17	2.44	0.23	0.12	-7.90
1,816.00	1.75	143.03	1,815.88	-10.13	5.71	2.98	0.36	0.28	-8.27
1,916.00	1.51	149.69	1,915.84	-12.48	7.29	3.49	0.31	-0.24	6.66
2,016.00	1.52	159.32	2,015.81	-14.86	8.42	4.33	0.25	0.01	9.63
2,116.00	1.47	162.53	2,115.77	-17.33	9.28	5.44	0.10	-0.05	3.21
2,216.00	1.57	168.22	2,215.74	-19.89	9.94	6.75	0.18	0.10	5.69
2,316.00	1.67	167.98	2,315.70	-22.66	10.53	8.27	0.10	0.10	-0.24
2,416.00	1.60	172.76	2,415.66	-25.47	11.00	9.88	0.15	-0.07	4.78
2,516.00	1.45	173.01	2,515.62	-28.11	11.33	11.49	0.15	-0.15	0.25
2,616.00	1.49	158.22	2,615.59	-30.57	11.97	12.75	0.38	0.04	-14.79
2,716.00	1.81	176.03	2,715.55	-33.35	12.56	14.27	0.60	0.32	17.81
2,816.00	1.41	169.24	2,815.51	-36.14	12.90	15.97	0.44	-0.40	-6.79
2,916.00	1.74	170.24	2,915.47	-38.84	13.39	17.51	0.33	0.33	1.00
3,016.00	1.36	173.28	3,015.43	-41.52	13.78	19.09	0.39	-0.38	3.04
3,116.00	1.86	177.50	3,115.39	-44.32	13.99	20.89	0.51	0.50	4.22
3,216.00	1.62	186.58	3,215.35	-47.34	13.90	23.07	0.36	-0.24	9.08
3,316.00	2.01	189.98	3,315.30	-50.47	13.44	25.59	0.40	0.39	3.40
3,416.00	1.58	191.77	3,415.25	-53.55	12.85	28.15	0.43	-0.43	1.79
3,516.00	1.83	197.59	3,515.20	-56.42	12.09	30.70	0.30	0.25	5.82
3,616.00	2.13	187.99	3,615.14	-59.78	11.35	33.56	0.45	0.30	-9.60
3,716.00	1.87	180.47	3,715.08	-63.26	11.08	36.20	0.37	-0.26	-7.52
3,816.00	1.87	180.55	3,815.03	-66.52	11.05	38.50	0.00	0.00	0.08
3,916.00	1.66	191.28	3,914.98	-69.74	10.71	40.98	0.35	-0.01	10.73
4,016.00	2.40	176.26	4,014.91	-73.42	10.53	43.68	0.77	0.54	-15.02
4,116.00	2.45	179.31	4,114.82	-77.65	10.70	46.51	0.14	0.05	3.05
4,216.00	2.51	181.74	4,214.72	-81.98	10.65	49.56	0.12	0.06	2.43
4,316.00	2.28	178.22	4,314.64	-86.15	10.65	52.48	0.27	-0.23	-3.52
4,376.00	2.15	179.23	4,374.59	-88.47	10.70	54.06	0.23	-0.22	1.68
TIP to Native Navigation OH Survey									
4,397.00	6.07	213.13	4,395.54	-89.80	10.10	55.41	21.19	18.67	161.43
First SDI MWD Survey									
4,429.00	9.24	210.94	4,427.25	-93.42	7.85	59.55	9.95	9.91	-6.84
4,460.00	13.20	214.10	4,457.65	-98.48	4.59	65.42	12.92	12.77	10.19
4,492.00	17.16	225.88	4,488.53	-104.80	-0.85	73.73	15.63	12.38	36.81
4,510.00	18.91	237.18	4,505.65	-108.23	-5.21	79.24	21.69	9.72	62.78

Scientific Drilling International, Inc.

Survey Report

Company:	QEP Energy Company	Local Co-ordinate Reference:	Well RB DS Fed 14G8-10-18
Project:	Uintah County, UT NAD83	TVD Reference:	GL 5207'; & KB 16' @ 5223.00ft
Site:	RB DS Fed	MD Reference:	GL 5207'; & KB 16' @ 5223.00ft
Well:	RB DS Fed 14G8-10-18	North Reference:	True
Wellbore:	Lateral 2	Survey Calculation Method:	Minimum Curvature
Design:	Lateral 2	Database:	Rockies Compass Server

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,541.00	23.57	240.88	4,534.54	-113.97	-14.85	90.18	15.63	15.03	11.94
4,573.00	27.00	239.73	4,563.47	-120.75	-26.72	103.39	10.83	10.72	-3.59
4,605.00	29.99	237.54	4,591.59	-128.71	-39.74	118.27	9.90	9.34	-6.84
4,637.00	33.24	236.04	4,618.84	-137.90	-53.77	134.73	10.45	10.16	-4.69
4,668.00	36.32	233.76	4,644.30	-148.08	-68.23	152.19	10.78	9.94	-7.35
4,700.00	40.89	231.91	4,669.30	-160.15	-84.12	172.00	14.73	14.28	-5.78
4,731.00	43.88	231.74	4,692.20	-173.06	-100.55	192.78	9.65	9.65	-0.55
4,763.00	47.48	232.26	4,714.55	-187.15	-118.59	215.53	11.31	11.25	1.63
4,794.00	50.91	232.09	4,734.81	-201.54	-137.12	238.84	11.07	11.06	-0.55
4,826.00	55.31	229.36	4,754.01	-217.75	-156.91	264.33	15.35	13.75	-8.53
4,863.00	60.67	226.11	4,773.62	-238.86	-180.10	295.67	16.29	14.49	-8.78
4,894.00	65.07	226.02	4,787.75	-258.00	-199.96	323.25	14.20	14.19	-0.29
4,926.00	67.38	226.81	4,800.66	-278.18	-221.17	352.53	7.50	7.16	2.47
4,957.00	70.00	227.96	4,811.93	-297.73	-242.42	381.40	9.19	8.52	3.71
4,989.00	74.13	229.19	4,821.78	-317.87	-265.25	411.80	13.41	12.91	3.84
5,021.00	77.29	229.54	4,829.68	-338.06	-288.78	442.74	9.93	9.88	1.09
5,052.00	77.47	231.30	4,836.45	-357.33	-312.09	472.89	5.57	0.58	5.68
5,084.00	81.34	230.94	4,842.33	-377.07	-336.57	504.20	12.14	12.09	-1.13
5,115.00	85.30	230.24	4,845.94	-396.62	-360.36	534.87	12.97	12.77	-2.26
5,147.00	85.74	230.15	4,848.44	-417.04	-384.87	566.68	1.40	1.38	-0.28
5,178.00	87.67	228.92	4,850.22	-437.12	-408.41	597.56	7.38	6.23	-3.97
5,210.00	91.45	228.48	4,850.47	-458.24	-432.45	629.51	11.89	11.81	-1.38
5,242.00	91.71	227.60	4,849.59	-479.63	-456.23	661.47	2.87	0.81	-2.75
5,273.00	91.28	228.13	4,848.78	-500.42	-479.21	692.44	2.20	-1.39	1.71
5,305.00	89.96	228.22	4,848.43	-521.75	-503.08	724.41	4.13	-4.13	0.28
5,337.00	89.96	229.19	4,848.45	-542.87	-527.10	756.37	3.03	0.00	3.03
5,368.00	94.62	227.52	4,847.21	-563.45	-550.24	787.30	15.97	15.03	-5.39
5,400.00	93.12	227.17	4,845.05	-585.08	-573.72	819.22	4.81	-4.69	-1.09
5,435.00	88.90	225.93	4,844.44	-609.14	-599.12	854.20	12.57	-12.06	-3.54
5,467.00	89.43	225.85	4,844.90	-631.41	-622.09	886.20	1.68	1.66	-0.25
5,486.00	91.36	226.64	4,844.77	-644.55	-635.81	905.19	10.98	10.16	4.16
5,518.00	93.21	226.73	4,843.50	-666.48	-659.08	937.16	5.79	5.78	0.28
5,550.00	93.30	227.60	4,841.68	-688.21	-682.51	969.10	2.73	0.28	2.72
5,581.00	92.07	227.34	4,840.23	-709.14	-705.32	1,000.05	4.06	-3.97	-0.84
5,613.00	92.51	228.22	4,838.95	-730.62	-729.00	1,032.01	3.07	1.38	2.75
5,645.00	91.36	227.69	4,837.87	-752.04	-752.75	1,063.96	3.96	-3.59	-1.66
5,676.00	91.19	228.13	4,837.18	-772.82	-775.75	1,094.93	1.52	-0.55	1.42
5,708.00	91.63	228.75	4,836.39	-794.04	-799.69	1,126.89	2.38	1.38	1.94
5,740.00	92.59	229.71	4,835.21	-814.92	-823.91	1,158.81	4.24	3.00	3.00
5,771.00	92.42	229.27	4,833.86	-835.04	-847.45	1,189.71	1.52	-0.55	-1.42
5,803.00	92.59	229.45	4,832.46	-855.86	-871.71	1,221.62	0.77	0.53	0.56
5,834.00	90.75	227.69	4,831.56	-876.36	-894.94	1,252.57	8.21	-5.94	-5.68
5,866.00	91.89	228.31	4,830.82	-897.77	-918.72	1,284.53	4.06	3.56	1.94
5,897.00	91.36	226.73	4,829.94	-918.69	-941.57	1,315.50	5.37	-1.71	-5.10

Scientific Drilling International, Inc.

Survey Report

Company:	QEP Energy Company	**Local Co-ordinate Reference:**	Well RB DS Fed 14G8-10-18
Project:	Uintah County, UT NAD83	**TVD Reference:**	GL 5207'; & KB 16' @ 5223.00ft
Site:	RB DS Fed	**MD Reference:**	GL 5207'; & KB 16' @ 5223.00ft
Well:	RB DS Fed 14G8-10-18	**North Reference:**	True
Wellbore:	Lateral 2	**Survey Calculation Method:**	Minimum Curvature
Design:	Lateral 2	**Database:**	Rockies Compass Server

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,929.00	90.57	225.67	4,829.40	-940.84	-964.66	1,347.50	4.13	-2.47	-3.31
5,954.00	92.86	226.29	4,828.65	-958.20	-982.63	1,372.48	9.49	9.16	2.48
5,985.00	91.63	226.73	4,827.44	-979.52	-1,005.10	1,403.46	4.21	-3.97	1.42
6,016.00	90.40	225.23	4,826.89	-1,001.06	-1,027.39	1,434.45	6.26	-3.97	-4.84
6,048.00	92.59	226.11	4,826.05	-1,023.41	-1,050.27	1,466.44	7.38	6.84	2.75
6,079.00	92.33	225.85	4,824.72	-1,044.93	-1,072.54	1,497.41	1.19	-0.84	-0.84
6,111.00	91.45	226.02	4,823.67	-1,067.18	-1,095.52	1,529.39	2.80	-2.75	0.53
6,143.00	91.69	226.20	4,822.74	-1,089.35	-1,118.58	1,561.38	1.49	1.38	0.56
Last SDI MWD Survey									

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Design Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates +N/-S (ft)	Local Coordinates +E/-W (ft)	Comment
4,376.00	4,374.59	-88.47	10.70	TIP to Native Navigation OH Survey
4,397.00	4,395.54	-89.80	10.10	First SDI MWD Survey
6,143.00	4,822.74	-1,089.35	-1,118.58	Last SDI MWD Survey

Checked By: _____ Approved By: _____ Date: _____

QEP Energy Company

Directional Survey

RECEIVED

FEB 06 2013

DIV. OF OIL, GAS & MINING

Well Name: RB DS FED 14G-8-10-18

API	Surface Legal Location	Field Name	State	Well Configuration Type
43-047-35933	008010S018E27	DESERT SPRINGS	UTAH	Horizontal

Ground Elevation (ft)	Casing Flange Elevation (ft)	Current KB to GL (ft)	Current KB to CF (ft)	Spud Date	Final Rig Release
5,209	5,209.00	16.00	16.00	12/2/2004 13:00	7/13/2012 00:00

Wellbore Name	Parent Wellbore	Sidetrack Start Depth (ft, KB)	Vertical Section Direction (°)
SIDE TRACK #2	ORIGINAL HOLE	4,379.0	225.88

Date	Definitive?	Description	Proposed?
		GEOLOGICAL 5/31/2012	

MD Tie In (ft, KB)	TVDTie In (ft, KB)	Inclination Tie In (°)	Azimuth Tie In (°)	NSTie In (ft)	EWTie In (ft)

Survey Data

MD (ft, KB)	Incl (°)	Azm (°)	Tool Type	Date	Survey Company	TVD (ft, KB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Traverse Distance (ft)
4,376.00	2.15	179.23	GMS	5/31/2012	Native...	4,374.97	-82.09	1.10	56.35	0.05	0.05	4.10	82.09
4,397.00	6.07	213.13	MWD	5/31/2012	Native...	4,395.92	-83.41	0.50	57.71	21.19	18.67	161.43	83.55
4,429.00	9.24	210.94	MWD	5/31/2012	Native...	4,427.63	-87.03	-1.74	61.84	9.95	9.91	-6.84	87.81
4,460.00	13.20	214.10	MWD	5/31/2012	Native...	4,458.03	-92.10	-5.01	67.71	12.92	12.77	10.19	93.84
4,492.00	17.16	225.88	MWD	6/1/2012	Native...	4,488.91	-98.42	-10.45	76.02	15.63	12.37	36.81	102.17
4,510.00	18.92	237.18	MWD	6/1/2012	Native...	4,506.03	-101.85	-14.81	81.54	21.72	9.78	62.78	107.72
4,541.00	23.57	240.88	MWD	6/1/2012	Native...	4,534.92	-107.59	-24.46	92.46	15.60	15.00	11.94	118.95
4,573.00	27.00	239.73	MWD	6/1/2012	Native...	4,563.85	-114.37	-36.32	105.69	10.83	10.72	-3.59	132.61
4,605.00	29.99	237.54	MWD	6/1/2012	Native...	4,591.97	-122.32	-49.35	120.58	9.90	9.34	-6.84	147.88
4,637.00	33.24	236.04	MWD	6/1/2012	Native...	4,619.22	-131.52	-63.37	137.05	10.45	10.16	-4.69	164.65
4,668.00	36.32	233.76	MWD	6/1/2012	Native...	4,644.68	-141.69	-77.83	154.51	10.78	9.94	-7.35	182.33
4,700.00	40.89	231.91	MWD	6/1/2012	Native...	4,669.68	-153.77	-93.72	174.33	14.73	14.28	-5.78	202.28
4,731.00	43.88	231.74	MWD	6/1/2012	Native...	4,692.58	-166.68	-110.15	195.11	9.65	9.65	-0.55	223.18
4,763.00	47.48	232.26	MWD	6/1/2012	Native...	4,714.93	-180.77	-128.19	217.87	11.31	11.25	1.62	246.07
4,794.00	50.91	232.09	MWD	6/1/2012	Native...	4,735.18	-195.16	-146.72	241.19	11.07	11.06	-0.55	269.53
4,826.00	55.31	229.36	MWD	6/2/2012	Native...	4,754.39	-211.37	-166.51	266.68	15.35	13.75	-8.53	295.11
4,863.00	60.67	226.11	MWD	6/2/2012	Native...	4,774.00	-232.48	-189.70	298.02	16.29	14.49	-8.78	326.47
4,894.00	65.07	226.02	MWD	6/2/2012	Native...	4,788.13	-251.61	-209.56	325.61	14.20	14.19	-0.29	354.05
4,926.00	67.36	226.81	MWD	6/2/2012	Native...	4,801.04	-271.80	-230.77	354.89	7.50	7.16	2.47	383.33
4,957.00	70.00	227.96	MWD	6/2/2012	Native...	4,812.31	-291.35	-252.03	383.75	9.19	8.52	3.71	412.21
4,989.00	74.13	229.19	MWD	6/2/2012	Native...	4,822.16	-311.48	-274.85	414.15	13.41	12.91	3.84	442.65
5,021.00	77.29	229.54	MWD	6/2/2012	Native...	4,830.06	-331.68	-298.38	445.10	9.93	9.88	1.09	473.65
5,052.00	77.47	231.30	MWD	6/2/2012	Native...	4,836.83	-350.95	-321.70	475.26	5.57	0.58	5.68	503.90
5,084.00	81.34	230.94	MWD	6/2/2012	Native...	4,842.71	-370.69	-346.18	506.57	12.14	12.09	-1.13	535.35
5,115.00	85.30	230.24	MWD	6/3/2012	Native...	4,846.32	-390.23	-369.96	537.25	12.97	12.77	-2.26	566.13
5,147.00	85.74	230.15	MWD	6/3/2012	Native...	4,848.82	-410.66	-394.47	569.07	1.40	1.37	-0.28	598.04
5,178.00	87.67	228.92	MWD	6/3/2012	Native...	4,850.60	-430.74	-418.01	599.95	7.38	6.23	-3.97	628.98
5,210.00	91.45	228.48	MWD	6/3/2012	Native...	4,850.85	-451.86	-442.05	631.90	11.89	11.81	-1.37	660.98
5,242.00	91.71	227.60	MWD	6/3/2012	Native...	4,849.96	-473.24	-465.83	663.87	2.87	0.81	-2.75	692.96
5,273.00	91.28	228.13	MWD	6/3/2012	Native...	4,849.16	-494.03	-488.81	694.84	2.20	-1.39	1.71	723.95
5,305.00	89.96	228.22	MWD	6/3/2012	Native...	4,848.81	-515.37	-512.66	726.81	4.13	-4.13	0.28	755.95
5,337.00	89.96	229.19	MWD	6/3/2012	Native...	4,848.83	-536.49	-536.70	758.77	3.03	0.00	3.03	787.95
5,368.00	94.62	227.52	MWD	6/3/2012	Native...	4,847.59	-557.07	-559.84	789.71	15.97	15.03	-5.39	818.91
5,400.00	93.12	227.17	MWD	6/3/2012	Native...	4,845.43	-578.70	-583.32	821.62	4.81	-4.69	-1.09	850.84
5,435.00	88.90	225.93	MWD	6/4/2012	Native...	4,844.82	-602.76	-608.72	856.61	12.57	-12.06	-3.54	885.83
5,467.00	89.43	225.85	MWD	6/4/2012	Native...	4,845.28	-625.03	-631.69	888.60	1.68	1.66	-0.25	917.82
5,486.00	91.36	226.64	MWD	6/4/2012	Native...	4,845.15	-638.17	-645.42	907.60	10.98	10.16	4.16	936.82
5,518.00	93.21	226.73	MWD	6/4/2012	Native...	4,843.88	-660.10	-668.68	939.57	5.79	5.78	0.28	968.79
5,550.00	93.30	227.60	MWD	6/4/2012	Native...	4,842.06	-681.82	-692.11	971.51	2.73	0.28	2.72	1,000.74
5,581.00	92.07	227.34	MWD	6/4/2012	Native...	4,840.61	-702.75	-714.93	1,002.47	4.06	-3.97	-0.84	1,031.71
5,613.00	92.51	228.22	MWD	6/5/2012	Native...	4,839.33	-724.24	-738.61	1,034.42	3.07	1.37	2.75	1,063.68
5,645.00	91.36	227.69	MWD	6/5/2012	Native...	4,838.25	-745.66	-762.36	1,066.38	3.96	-3.59	-1.66	1,095.66
5,676.00	91.19	228.13	MWD	6/5/2012	Native...	4,837.56	-766.43	-785.35	1,097.36	1.52	-0.55	1.42	1,126.66
5,708.00	91.63	228.75	MWD	6/5/2012	Native...	4,836.77	-787.66	-809.29	1,129.31	2.38	1.37	1.94	1,158.65
5,740.00	92.59	229.71	MWD	6/5/2012	Native...	4,835.59	-808.54	-833.51	1,161.24	4.24	3.00	3.00	1,190.62
5,771.00	92.42	229.27	MWD	6/5/2012	Native...	4,834.24	-828.66	-857.06	1,192.15	1.52	-0.55	-1.42	1,221.59
5,803.00	92.59	229.45	MWD	6/5/2012	Native...	4,832.84	-849.48	-881.31	1,224.06	0.77	0.53	0.56	1,253.56

Directional Survey

QEP Energy Company

Well Name: RB DS FED 14G-8-10-18

API	Surface Legal Location	Field Name	State	Well Configuration Type
43-047-35933	008010S018E27	DESERT SPRINGS	UTAH	Horizontal

Ground Elevation (ft)	Casing Flange Elevation (ft)	Current KB to GL (ft)	Current KB to CF (ft)	Spud Date	Final Rig Release
5,209	5,209.00	16.00	16.00	12/2/2004 13:00	7/13/2012 00:00

Survey Data

MD (ft, KB)	Incl (°)	Azm (°)	Tool Type	Date	Survey Company	TVD (ft, KB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Traverse Distance (ft)
5,834.00	90.75	227.69	MWD	6/5/2012	Native...	4,831.94	-869.98	-904.55	1,255.01	8.21	-5.94	-5.68	1,284.55
5,866.00	91.89	228.31	MWD	6/5/2012	Native...	4,831.20	-891.39	-928.32	1,286.97	4.06	3.56	1.94	1,316.54
5,897.00	91.36	226.73	MWD	6/5/2012	Native...	4,830.32	-912.31	-951.17	1,317.95	5.37	-1.71	-5.10	1,347.52
5,929.00	90.57	225.67	MWD	6/5/2012	Native...	4,829.78	-934.46	-974.26	1,349.94	4.13	-2.47	-3.31	1,379.52
5,954.00	92.86	226.29	MWD	6/5/2012	Native...	4,829.03	-951.82	-992.23	1,374.93	9.49	9.16	2.48	1,404.51
5,985.00	91.63	226.73	MWD	6/6/2012	Native...	4,827.82	-973.14	-1,014.70	1,405.90	4.21	-3.97	1.42	1,435.48
6,016.00	90.40	225.23	MWD	6/6/2012	Native...	4,827.27	-994.68	-1,036.99	1,436.90	6.26	-3.97	-4.84	1,466.48
6,048.00	92.59	226.11	MWD	6/6/2012	Native...	4,826.43	-1,017.03	-1,059.87	1,468.88	7.38	6.84	2.75	1,498.46
6,079.00	92.33	225.85	MWD	6/7/2012	Native...	4,825.10	-1,038.55	-1,082.14	1,499.86	1.19	-0.84	-0.84	1,529.43
6,111.00	91.45	226.02	MWD	6/7/2012	Native...	4,824.05	-1,060.79	-1,105.13	1,531.84	2.80	-2.75	0.53	1,561.42
6,143.00	91.89	226.20	MWD	6/7/2012	Native...	4,823.12	-1,082.97	-1,128.18	1,563.82	1.49	1.38	0.56	1,593.40
6,175.00	90.20	225.80	MWD	6/8/2012	Native...	4,822.53	-1,105.19	-1,151.19	1,595.82	5.43	-5.28	-1.25	1,625.40
6,206.00	92.10	228.00	MWD	6/8/2012	Native...	4,821.91	-1,126.37	-1,173.82	1,626.80	9.38	6.13	7.10	1,656.39
6,234.00	91.40	224.10	MWD	6/9/2012	Native...	4,821.05	-1,145.79	-1,193.96	1,654.78	14.14	-2.50	-13.93	1,684.37
6,265.00	92.00	225.00	MWD	6/9/2012	Native...	4,820.13	-1,167.87	-1,215.70	1,685.76	3.49	1.94	2.90	1,715.35
6,297.00	91.50	228.00	MWD	6/9/2012	Native...	4,819.16	-1,189.89	-1,238.90	1,717.74	9.50	-1.56	9.38	1,747.33
6,329.00	92.00	229.20	MWD	6/9/2012	Native...	4,818.18	-1,211.04	-1,262.89	1,749.69	4.06	1.56	3.75	1,779.32
6,360.00	91.70	230.60	MWD	6/9/2012	Native...	4,817.18	-1,230.99	-1,286.59	1,780.60	4.62	-0.97	4.52	1,810.30
6,392.00	91.00	231.50	MWD	6/9/2012	Native...	4,816.42	-1,251.10	-1,311.47	1,812.46	3.56	-2.19	2.81	1,842.29
6,424.00	89.40	232.80	MWD	6/9/2012	Native...	4,816.31	-1,270.74	-1,336.74	1,844.26	6.44	-5.00	4.06	1,874.29
6,456.00	87.80	232.80	MWD	6/9/2012	Native...	4,817.09	-1,290.08	-1,362.22	1,876.02	5.00	-5.00	0.00	1,906.28
6,487.00	88.70	233.30	MWD	6/9/2012	Native...	4,818.04	-1,308.70	-1,386.98	1,906.76	3.32	2.90	1.61	1,937.27
6,519.00	90.10	233.00	MWD	6/9/2012	Native...	4,818.38	-1,327.89	-1,412.58	1,938.50	4.47	4.37	-0.94	1,969.26
6,551.00	90.20	232.80	MWD	6/9/2012	Native...	4,818.29	-1,347.20	-1,438.11	1,970.26	0.70	0.31	-0.62	2,001.26
6,582.00	92.40	233.60	MWD	6/9/2012	Native...	4,817.59	-1,365.76	-1,462.92	2,001.00	7.55	7.10	2.58	2,032.25
6,614.00	94.00	233.80	MWD	6/10/2012	Native...	4,815.80	-1,384.68	-1,488.67	2,032.65	5.04	5.00	0.62	2,064.20
6,646.00	94.10	233.10	MWD	6/10/2012	Native...	4,813.54	-1,403.68	-1,514.31	2,064.29	2.20	0.31	-2.19	2,096.12
6,678.00	93.30	233.10	MWD	6/10/2012	Native...	4,811.48	-1,422.86	-1,539.85	2,095.97	2.50	-2.50	0.00	2,128.05
6,709.00	90.10	233.70	MWD	6/10/2012	Native...	4,810.56	-1,441.33	-1,564.72	2,126.69	10.50	-10.32	1.94	2,159.04
6,741.00	87.50	231.60		6/11/2012	Native...	4,811.23	-1,460.74	-1,590.15	2,158.45	10.44	-8.13	-6.56	2,191.03
6,772.00	87.70	231.40		6/11/2012	Native...	4,812.53	-1,480.02	-1,614.39	2,189.28	0.91	0.65	-0.65	2,222.00
6,804.00	91.30	231.20		6/11/2012	Native...	4,812.81	-1,500.02	-1,639.36	2,221.13	11.27	11.25	-0.63	2,253.99
6,836.00	92.80	230.90		6/11/2012	Native...	4,811.66	-1,520.12	-1,664.23	2,252.98	4.78	4.69	-0.94	2,285.97
6,868.00	94.80	231.60		6/11/2012	Native...	4,809.54	-1,540.11	-1,689.13	2,284.76	6.62	6.25	2.19	2,317.90
6,899.00	93.50	231.70		6/11/2012	Native...	4,807.30	-1,559.29	-1,713.38	2,315.53	4.21	-4.19	0.32	2,348.82
6,931.00	93.50	229.70		6/11/2012	Native...	4,805.34	-1,579.52	-1,738.09	2,347.35	6.24	0.00	-6.25	2,380.75
6,963.00	93.90	226.70		6/12/2012	Native...	4,803.28	-1,600.80	-1,761.89	2,379.26	9.44	1.25	-9.37	2,412.68
6,994.00	92.40	225.80		6/12/2012	Native...	4,801.57	-1,622.21	-1,784.25	2,410.21	5.64	-4.84	-2.90	2,443.64
7,026.00	89.60	224.60		6/12/2012	Native...	4,801.02	-1,644.75	-1,806.95	2,442.20	9.52	-8.75	-3.75	2,475.63
7,057.00	88.80	223.20	MED	6/13/2012	Native...	4,801.45	-1,667.08	-1,828.45	2,473.17	5.20	-2.58	-4.52	2,506.62
7,084.00	88.40	223.40	MED	6/13/2012	Native...	4,802.11	-1,686.73	-1,846.96	2,500.14	1.66	-1.48	0.74	2,533.62
7,116.00	89.50	224.20	MED	6/13/2012	Native...	4,802.70	-1,709.82	-1,869.10	2,532.11	4.25	3.44	2.50	2,565.61
7,148.00	90.40	224.90	MED	6/13/2012	Native...	4,802.72	-1,732.62	-1,891.55	2,564.10	3.56	2.81	2.19	2,597.61
7,179.00	91.05	224.90	MED	6/13/2012	Native...	4,802.33	-1,754.58	-1,913.43	2,595.09	2.10	2.10	0.00	2,628.61
7,211.00	93.00	225.30	MED	6/13/2012	Native...	4,801.20	-1,777.15	-1,936.08	2,627.07	6.22	6.09	1.25	2,660.58
7,242.00	92.10	225.10	MED	6/13/2012	Native...	4,799.82	-1,798.97	-1,958.06	2,658.04	2.97	-2.90	-0.65	2,691.55
7,274.00	92.70	225.10	MED	6/13/2012	Native...	4,798.48	-1,821.54	-1,980.70	2,690.01	1.87	1.87	0.00	2,723.53
7,305.00	93.50	225.10	MED	6/13/2012	Native...	4,796.80	-1,843.39	-2,002.63	2,720.96	2.58	2.58	0.00	2,754.48
7,337.00	92.50	225.80	MED	6/13/2012	Native...	4,795.13	-1,865.81	-2,025.40	2,752.91	3.81	-3.12	2.19	2,786.44
7,368.00	90.50	225.80	MED	6/13/2012	Native...	4,794.32	-1,887.41	-2,047.62	2,783.90	6.45	-6.45	0.00	2,817.42
7,400.00	90.60	226.20	MED	6/13/2012	Native...	4,794.01	-1,909.64	-2,070.64	2,815.90	1.29	0.31	1.25	2,849.42

Directional Survey

QEP Energy Company

Well Name: RB DS FED 14G-8-10-18

API	Surface Legal Location	Field Name	State	Well Configuration Type
43-047-35933	008010S018E27	DESERT SPRINGS	UTAH	Horizontal

Ground Elevation (ft)	Casing Flange Elevation (ft)	Current KB to GL (ft)	Current KB to CF (ft)	Spud Date	Final Rig Release
5,209	5,209.00	16.00	16.00	12/2/2004 13:00	7/13/2012 00:00

Survey Data

MD (ft, KB)	Incl (°)	Azm (°)	Tool Type	Date	Survey Company	TVD (ft, KB)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Build (°/100ft)	Turn (°/100ft)	Traverse Distance (ft)
7,430.00	92.50	227.20	MED	6/13/2012	Native...	4,793.20	-1,930.21	-2,092.46	2,845.88	7.16	6.33	3.33	2,879.41
7,462.00	92.00	227.30	MED	6/13/2012	Native...	4,791.94	-1,951.91	-2,115.94	2,877.85	1.59	-1.56	0.31	2,911.38
7,493.00	91.30	227.40	MED	6/13/2012	Native...	4,791.05	-1,972.91	-2,138.73	2,908.82	2.28	-2.26	0.32	2,942.37
7,525.00	91.80	228.20	MED	6/13/2012	Native...	4,790.19	-1,994.39	-2,162.43	2,940.79	2.95	1.56	2.50	2,974.36
7,557.00	92.50	228.50	MED	6/13/2012	Native...	4,788.98	-2,015.64	-2,186.32	2,972.74	2.38	2.19	0.94	3,006.34
7,588.00	92.40	229.50	MWD	6/14/2012	Native...	4,787.66	-2,035.96	-2,209.70	3,003.67	3.24	-0.32	3.23	3,037.31
7,620.00	90.60	229.50	MWD	6/14/2012	Native...	4,786.82	-2,056.74	-2,234.02	3,035.59	5.63	-5.63	0.00	3,069.29
7,652.00	91.60	229.70	MWD	6/14/2012	Native...	4,786.21	-2,077.47	-2,258.38	3,067.52	3.19	3.12	0.62	3,101.29
7,683.00	94.00	230.90	MWD	6/14/2012	Native...	4,784.69	-2,097.25	-2,282.20	3,098.39	8.65	7.74	3.87	3,132.25
7,714.00	91.60	231.00	MWD	6/14/2012	Native...	4,783.18	-2,116.76	-2,306.25	3,129.23	7.75	-7.74	0.32	3,163.21
7,746.00	90.60	231.20	MWD	6/14/2012	Native...	4,782.56	-2,136.85	-2,331.15	3,161.09	3.19	-3.13	0.63	3,195.20
7,778.00	90.00	231.30	MWD	6/14/2012	Native...	4,782.40	-2,156.88	-2,356.10	3,192.94	1.90	-1.87	0.31	3,227.20
7,809.00	91.40	232.30	MWD	6/14/2012	Native...	4,782.02	-2,176.04	-2,380.46	3,223.78	5.55	4.52	3.23	3,258.20
7,841.00	92.30	233.00	MWD	6/14/2012	Native...	4,780.99	-2,195.45	-2,405.89	3,255.54	3.56	2.81	2.19	3,290.18
7,872.00	91.00	233.00	MWD	6/14/2012	Native...	4,780.09	-2,214.10	-2,430.63	3,286.28	4.19	-4.19	0.00	3,321.17
7,904.00	90.80	233.89	MWD	6/14/2012	Native...	4,779.59	-2,233.15	-2,456.33	3,318.00	2.85	-0.62	2.78	3,353.16
7,935.00	90.20	234.10	MWD	6/14/2012	Native...	4,779.32	-2,251.38	-2,481.41	3,348.69	2.05	-1.94	0.68	3,384.16
7,967.00	93.00	234.20	MWD	6/14/2012	Native...	4,778.43	-2,270.11	-2,507.34	3,380.34	8.76	8.75	0.31	3,416.15
7,999.00	93.20	233.60	MWD	6/14/2012	Native...	4,776.70	-2,288.93	-2,533.15	3,411.98	1.97	0.62	-1.87	3,448.10
8,030.00	93.50	233.30	MWD	6/15/2012	Native...	4,774.88	-2,307.36	-2,558.01	3,442.66	1.37	0.97	-0.97	3,479.05
8,062.00	91.90	233.00	MWD	6/15/2012	Native...	4,773.38	-2,326.53	-2,583.59	3,474.37	5.09	-5.00	-0.94	3,511.01
8,102.00	92.40	233.90	MWD	6/15/2012	Native...	4,771.88	-2,350.34	-2,615.70	3,513.99	2.57	1.25	2.25	3,550.98
8,133.00	91.00	234.00	MWD	6/16/2012	Native...	4,770.96	-2,368.57	-2,640.75	3,544.67	4.53	-4.52	0.32	3,581.97
8,165.00	89.80	234.70	MWD	6/16/2012	Native...	4,770.73	-2,387.22	-2,666.76	3,576.32	4.34	-3.75	2.19	3,613.97
8,195.00	89.60	233.20	MWD	6/16/2012	Native...	4,770.89	-2,404.88	-2,691.01	3,606.02	5.04	-0.67	-5.00	3,643.96
8,227.00	89.30	235.20	MWD	6/16/2012	Native...	4,771.20	-2,423.59	-2,716.96	3,637.68	6.32	-0.94	6.25	3,675.96
8,258.00	91.40	236.60	MWD	6/16/2012	Native...	4,771.01	-2,440.97	-2,742.63	3,668.20	8.14	6.77	4.52	3,706.96
8,290.00	92.90	237.80	MWD	6/16/2012	Native...	4,769.81	-2,458.29	-2,769.51	3,699.56	6.00	4.69	3.75	3,738.93
8,322.00	92.90	237.50	MWD	6/16/2012	Native...	4,768.19	-2,475.39	-2,796.51	3,730.84	0.94	0.00	-0.94	3,770.89
8,385.00	91.00	237.40	MWD	6/16/2012	Native...	4,766.05	-2,509.27	-2,849.58	3,792.52	3.02	-3.02	-0.16	3,833.85
8,417.00	88.40	236.20	MWD	6/16/2012	Native...	4,766.21	-2,526.79	-2,876.35	3,823.94	8.95	-8.12	-3.75	3,865.85
8,448.00	87.30	233.80	MWD	6/16/2012	Native...	4,767.38	-2,544.55	-2,901.72	3,854.53	8.51	-3.55	-7.74	3,896.83
8,479.00	88.10	233.30	MWD	6/17/2012	Native...	4,768.62	-2,562.96	-2,926.64	3,885.22	3.04	2.58	-1.61	3,927.80
8,503.00	88.30	232.80	MWD	6/17/2012	Native...	4,769.37	-2,577.38	-2,945.81	3,909.02	2.24	0.83	-2.08	3,951.79

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SEP 1 1 2012
DIV. OF OIL, GAS & MINING

QEP ENERGY

Operations Summary Report

Legal Well Name: RB DS FED 14G-8-10-18
Common Well Name: RB DS FED 14G-8-10-18
Event Name: RE-ENTER
Contractor Name: AZTEC DRILLING
Rig Name: AZTEC

Start: 4/30/2012
Rig Release: 6/19/2012
Rig Number: 950

Spud Date: 12/2/2004
End: 6/19/2012
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/2/2012	06:00 - 04:00	22.00	LOC	4	MIRU	RIG DOWN ON OLD LOCATION, MOVE TO NEW AND RIG UP,ALL OF RIG SET IN PLACE AND TRUCKS RELEASED @16:00 HRS. CONTINUE WITH GENERAL RIG UP, PICK UP TOP DRIVE AND RIG UP FLOOR
	04:00 - 06:00	2.00	BOP	1	MIRU	NIPPLE UP BOP'S DAY WORK STARTED @ 05/02/2012
	-				MIRU	NOTIFIED CAROL DANIENELS WITH UTAH OIL AND GAS AND ALEN WALKER WITH THE BLM IN REGAURDSW TO TEST ING THE BOP'S ON 5/01/2012 AND SENT IN ELECTRONIC NOTICE ON 4/30/20102
5/3/2012	06:00 - 14:00	8.00	BOP	1	DRLPRO	NIPPLE UP BOPE
	14:00 - 19:00	5.00	BOP	2	DRLPRO	3000 PSI TEST ON BOPE. RIG ON DAYWORK @ 14:00 HRS, 5/2/2012
	19:00 - 21:30	2.50	OTH		DRLPRO	RIG UP FLOW LINE, CHANGE TOPDRIVE DIES,INSTALL ROT HEAD
	21:30 - 22:00	0.50	OTH		DRLPRO	PJSM W/ LAYDOWN TRUCK
	22:00 - 23:30	1.50	CSG	1	DRLPRO	RIG UP LD MACHINE AND STRAP DRILL STRING
	23:30 - 06:00	6.50	TRP	2	DRLPRO	PICK UP DRILL STRING
5/4/2012	06:00 - 07:00	1.00	TRP	2	DRLPRO	P/U DRILL PIPE R/D L/D TRUCK
	07:00 - 09:00	2.00	CIRC	1	DRLPRO	RIG UP HOT OILER AND PUMPED 70 BBLS 180 DEGREE WATER , CIRC HOLE CLEAN
	09:00 - 12:00	3.00	TRP	2	DRLPRO	TRIP OUT SLM
	12:00 - 18:00	6.00	TRP	2	DRLPRO	P/U WHIPSTACK AND TIH
	18:00 - 21:00	3.00	OTH		DRLPRO	SET WHIPSTOCK AT 359.78 AZM
	21:00 - 05:30	8.50	DRL	7	DRLPRO	MILLING WINDOW TOP OF WINDOW AT 4482' BOTTOM OF WINDOW AT 4488' 5 FT OF RAT HOLE TO 4493
	05:30 - 06:00	0.50	REAM	1	DRLPRO	REAM WINDOW AND PUMP SWEEP
5/5/2012	06:00 - 09:00	3.00	TRP	2	DRLPRO	TRIP OUT WITH MILLS , CHANGED OUT MILLS
	09:00 - 09:30	0.50	RIG	1	DRLPRO	RIG SERVISE
	09:30 - 11:00	1.50	TRP	2	DRLPRO	TRIP IN WITH MILL ASSBLY
	11:00 - 11:30	0.50	RIG	2	DRLPRO	REPAIR PIPE SPINNER
	11:30 - 12:30	1.00	TRP	2	DRLPRO	TRIP IN WITH MILL ASSBLY
	12:30 - 13:30	1.00	DRL	7	DRLPRO	MILL WINDOW
	13:30 - 16:00	2.50	TRP	2	DRLPRO	TRIP OUT L/D MILL ASSBLY
	16:00 - 20:00	4.00	TRP	2	DRLPRO	PJSM P/U BHA AND TRIP IN HOLE
	20:00 - 21:30	1.50	SUR	1	DRLPRO	PJSM R/U GYRO,
	21:30 - 23:30	2.00	OTH		DRLPRO	REPAIRED GYRO CABLE
	23:30 - 01:30	2.00	OTH		DRLPRO	GYRO ON BTM STATRED PUMP LEAK ON TOOL JOINT
	01:30 - 02:30	1.00	OTH		DRLPRO	GYRO STUCK ATTEMTED TO FREE GYRO. PULLED OUT OF ROPE SOCKET
	02:30 - 06:00	3.50	TRP	13	DRLPRO	TRIP OUT OF HOLE FOR GYRO
5/6/2012	06:00 - 07:30	1.50	TRP	13	DRLPRO	TRIP IN BOTTOM HOLE ASSEMBLY AFTER INSPECTING UBHO
	07:30 - 08:30	1.00	RIG	6	DRLPRO	CUT DRILLING LINE
	08:30 - 09:00	0.50	OTH		DRLPRO	HANG SMALLER TONGS
	09:00 - 10:30	1.50	OTH		DRLPRO	PU AND TEST RUN GYRO , TEST MWD
	10:30 - 13:00	2.50	TRP	13	DRLPRO	TRIP TO BOTTOM
	13:00 - 13:30	0.50	OTH		DRLPRO	PICK UP AND RUN IN GYRO
	13:30 - 19:30	6.00	DRL	2	DRLPRO	DRILL FROM 4493 TO 4555' 62' AT 10.3 FPH SLIDDING
	19:30 - 20:00	0.50	OTH		DRLPRO	PULLED GYRO OUT OF HOLE AND R/D
	20:00 - 22:00	2.00	DRL	2	DRLPRO	DRILLING FROM 4555' TO 4614' 59' AT 14.75 FPH
	22:00 - 00:00	2.00	OTH		DRLPRO	CONNECTIONS, WORK GYRO
	00:00 - 01:30	1.50	OTH		DRLPRO	TROUBLE SHOOT MWD

Operations Summary Report

Legal Well Name: RB DS FED 14G-8-10-18
Common Well Name: RB DS FED 14G-8-10-18
Event Name: RE-ENTER
Contractor Name: AZTEC DRILLING
Rig Name: AZTEC

Start: 4/30/2012
Rig Release: 6/19/2012
Rig Number: 950

Spud Date: 12/2/2004
End: 6/19/2012
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/6/2012	01:30 - 05:00	3.50	TRP	13	DRLPRO	PJSM PUMP SLUG POOH FOR MWD, L/D MWD
	05:00 - 06:00	1.00	TRP	13	DRLPRO	TRIP IN HOLE WITH NEW MWD
5/7/2012	06:00 - 08:30	2.50	TRP	13	DRLPRO	TRIP FOR MWD, WASH 90 FT TO BOTTOM AND RETAKE SURVEYS
	08:30 - 03:30	19.00	DRL	2	DRLPRO	DIRECTIONAL DRILLING FROM 4614 TO 4938' 324 FT AT17 FPH, WENSEL 1.57 RPG, 20K ON BIT, 140 GPM
	03:30 - 06:00	2.50	SUR	1	DRLPRO	SURVEY AND CONNECTION LAST 24 HRS
5/8/2012	06:00 - 07:00	1.00	DRL	2	DRLPRO	DIRECTIONAL DRILLING FROM 4938 TO 4946, 8 FT @ 8 FT/HR, 20K ON BIT, 5.57 GPM MOTOR, SLIDING WITH 140 GPM
	07:00 - 10:00	3.00	TRP	10	DRLPRO	PJSM, TRIP OUT FOR BIT #6, LD BIT AND MOTOR, SERVICE MWD-TAP AND ROLL TEST
	10:00 - 11:00	1.00	DRL	3	DRLPRO	PU MOTOR AND BIT, ORIENT DIRECTIONAL TOOLS
	11:00 - 11:30	0.50	RIG	1	DRLPRO	RIG SERVICE
	11:30 - 15:30	4.00	TRP	10	DRLPRO	TRIP IN HOLE, LD 4 JTS OF WASHED HWDP, PICK UP JARS
	15:30 - 16:30	1.00	OTH		DRLPRO	HUNT DRILL PIPE SCREEN, FOUND 5 JOINTS DOWN IN STRING
	16:30 - 17:00	0.50	TRP	10	DRLPRO	PICK UP 3 JTS AND WASH TO BOTTOM 105 FT
	17:00 - 04:30	11.50	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 4948 TO 5175, 227' AT 19.7 FPH
	04:30 - 05:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	05:00 - 06:00	1.00	SUR	1	DRLPRO	SURVEY AND CONNECTIONS
5/9/2012	06:00 - 20:00	14.00	DRL	2	DRLPRO	DIRECTIONAL DRILLING FROM 5175' TO 5437' 262 FT AT 18.7 FPH
	20:00 - 21:00	1.00	TRP	10	DRLPRO	TRIP FOR BIT
	21:00 - 21:30	0.50	RIG	1	DRLPRO	RIG SERVICE
	21:30 - 00:30	3.00	TRP	10	DRLPRO	TRIP OUT FOR BIT
	00:30 - 04:00	3.50	TRP	10	DRLPRO	CHANGE OUT BIT AND MOTOR, SERVICE MWD, P/U ECCENTRIC REAMER, SHUFFLE PUSH PIPE, AND TRIP IN HOLE
	04:00 - 06:00	2.00	REAM	1	DRLPRO	REAMING FROM 4810-5437
5/10/2012	06:00 - 07:00	1.00	REAM	1	DRLPRO	REAM FROM 5270-5437
	07:00 - 14:30	7.50	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 5437-5539. 140 GPM, 1.07 RPG MOTOR, 15K ON BIT, 50 RPM ON TABLE
	14:30 - 15:00	0.50	RIG	1	DRLPRO	RIG SERVICE, BOP DRILL
	15:00 - 17:00	2.00	DRL	2	DRLPRO	ATTEMPT TO SLIDE-5539-5541. STRING STACKING UP WEIGHT
	17:00 - 23:30	6.50	TRP	2	DRLPRO	TRIP TO LAY DOWN DNR REAMER
	23:30 - 00:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	00:00 - 02:30	2.50	TRP	2	DRLPRO	TRIP IN HOLE
	02:30 - 03:00	0.50	REAM	1	DRLPRO	WASH AND REAM 120 FT TO BTM
	03:00 - 06:00	3.00	DRL	2	DRLPRO	DIRECTIONAL DRILLING FROM 5541 TO 5560 19 FT AT 6.3 FPH 140 GPM, 15 K ON BIT RPM 45
5/11/2012	06:00 - 08:30	2.50	DRL	2	DRLPRO	SLIDE DRILL FROM 5560-5563, 0 RPM, 20K ON BIT, 140 GPM,
	08:30 - 09:30	1.00	OTH		DRLPRO	TROUBLE SHOOT MWD
	09:30 - 11:30	2.00	TRP	13	DRLPRO	TRIP OUT FOR MWD. WHEN PUMPING A DRY SLUG AT THE BOTTOM OF THE BUILD SECTION THE MWD STARTED WORKING SO WE TRIPPED BACK TO BOTTOM
	11:30 - 16:00	4.50	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 5563-5625
	16:00 - 16:30	0.50	RIG	1	DRLPRO	RIG SERVICE (WORKED PIPE RAMS
	16:30 - 01:30	9.00	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 5625 TO 5751, MADE 126' AT 14 FPH
	01:30 - 02:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	02:00 - 04:00	2.00	DRL	2	DRLPRO	DIRECTIONAL DRILLING FROM 5751' TO 5835, 84 FT @ 42 FPH
	04:00 - 06:00	2.00	SUR	1	DRLPRO	CONNECTIONS AND SURVEYS
5/12/2012	06:00 - 12:30	6.50	DRL	2	DRLPRO	DIRECTIONAL DRILLING FROM 5837' TO 5865' MADE 28 FT, 4.3 FPH
	12:30 - 17:30	5.00	TRP	10	DRLPRO	TRIP OUT OF HOLE FOR BIT L/D BIT AND MOTOR
	17:30 - 21:00	3.50	TRP	10	DRLPRO	M/U NEW BIT AND MOTOR AND TRIPPED IN HOLE
	21:00 - 22:00	1.00	REAM	1	DRLPRO	WASH AND REAM TO BTM 100 FT
	22:00 - 05:00	7.00	DRL	2	DRLPRO	DIRECTIONAL DRILLING FROM 5865' TO 6030' 165 FT AT 23.57

Operations Summary Report

Legal Well Name: RB DS FED 14G-8-10-18
Common Well Name: RB DS FED 14G-8-10-18
Event Name: RE-ENTER
Contractor Name: AZTEC DRILLING
Rig Name: AZTEC

Start: 4/30/2012
Rig Release: 6/19/2012
Rig Number: 950

Spud Date: 12/2/2004
End: 6/19/2012
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/12/2012	22:00 - 05:00	7.00	DRL	2	DRLPRO	FPH WOB 11, RPM 270, GPM 143
	05:00 - 06:00	1.00	SUR	1	DRLPRO	SURVEY AND CONNECTIONS
5/13/2012	06:00 - 17:00	11.00	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 6030 TO 6295, 50 RPM, 11K ON BIT, 140 GPM, 265' AT 24 FPH
	17:00 - 18:00	1.00	SUR	1	DRLPRO	SURVEYS AND CONNECTIONS
	18:00 - 03:30	9.50	DRL	2	DRLPRO	DIRECTIONAL DRILLING FROM 6295' TO 6515' 220 FT AT 23. FPH, 140 GPM, 11K WOB,
	03:30 - 04:30	1.00	SUR	1	DRLPRO	SURVEYS AND CONNECTIONS
	04:30 - 06:00	1.50	TRP	2	DRLPRO	TRIP FOR PUSH PIPE AND AGITATOR, AND SHOCK TOOL
5/14/2012	06:00 - 12:30	6.50	TRP	2	DRLPRO	TRIP TO PICK UP AGITATOR AND SHUFFLE PUSH PIPE
	12:30 - 14:00	1.50	RIG	6	DRLPRO	CUT DRILLING LINE AT 4417
	14:00 - 15:30	1.50	TRP	2	DRLPRO	TRIP TO BOTTOM, 15 FT OF FILL
	15:30 - 17:00	1.50	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 6515 TO 6567' 52 FT AT 34.6 FPH, 11K ON BIT, 45 RPM, 140 GPM
	17:00 - 18:00	1.00	SUR	1	DRLPRO	SURVEYS AND CONNECTIONS
	18:00 - 04:30	10.50	DRL	2	DRLPRO	DIRECTIONAL DRILLING FFROM 6567' TO 6890' 323' AT 30.7 FPH, 11K WOB, 140 GPM 265 RPMS
	04:30 - 06:00	1.50	SUR	1	DRLPRO	SURVEYS AND CONNECTIONS
5/15/2012	06:00 - 07:30	1.50	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 6890-6914. 24 FT @ 16 FT/HR;11K ON BIT, 140 GPM, 45 RPM
	07:30 - 09:30	2.00	TRP	14	DRLPRO	SHORT TRIP 7 STANDS, PUMP OUT AND RAN IN GOOD
	09:30 - 16:00	6.50	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 6914-7103, 189 FT @ 29 FPH; 11K ON BIT, 140 GPM, 45 RPM
	16:00 - 16:30	0.50	RIG	1	DRLPRO	RIG SERVICE
	16:30 - 17:00	0.50	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 7103 TO 7112 , 11K ON BIT, 140 GPM, 45 RPM
	17:00 - 18:00	1.00	SUR	1	DRLPRO	SURVEYS AND CONNECTIONS
	18:00 - 21:00	3.00	DRL	2	DRLPRO	DIRECTIONAL DRILLING FROM 7112' TO 7165' 53 FT AT 17.6 FPH, 11 K WOB, 140 GPM, 45 RPM
	21:00 - 06:00	9.00	FISH	6	DRLPRO	WORKING STUCK PIPE
5/16/2012	06:00 - 07:00	1.00	FISH	6	DRLPRO	WORKING STUCK PIPE / PIPE CAME FREE
	07:00 - 13:00	6.00	TRP	2	DRLPRO	TRIP OUT OF HOLE
	13:00 - 17:00	4.00	TRP	2	DRLPRO	CHANGED OUT BIT, MOTOR, JARS, P/U DNC REAMER AND TRIP IN HOLE
	17:00 - 04:30	11.50	REAM	1	DRLPRO	REAMING FROM 5085 TO 5658' , 50 FT/HR
	04:30 - 06:00	1.50	SUR	1	DRLPRO	TRIP OUT DOING CHECK SHOT SURVEYS
5/17/2012	06:00 - 08:00	2.00	TRP	2	DRLPRO	TRIP OUT OF HOLE TO 4979- TAKING CHECK SHOT ON THE WAY OUT OF HOLE
	08:00 - 14:30	6.50	REAM	1	DRLPRO	REAM FROM F/4979 T/5058-TRYING TO FIND OLD HOLE
	14:30 - 02:30	12.00	DRL	2	DRLPRO	DIRECTIONAL DRILL F/5058 T/5213 155' 12.9'/HR WOB 6/11 RPM GPM
	02:30 - 04:30	2.00	SUR	1	DRLPRO	TROUBLE SHOOT MWD, WEAK PULSES-WON'T WORK
	04:30 - 05:30	1.00	REAM	1	DRLPRO	BACK REAM OUT OF HOLE F/5216 T/4860
	05:30 - 06:00	0.50	TRP	13	DRLPRO	TRIP OUT OF HOLE FOR MWD
5/18/2012	06:00 - 09:00	3.00	TRP	2	DRLPRO	TRIP OUT OF HOLE FOR MWD
	09:00 - 10:00	1.00	RIG	2	DRLPRO	REPAIR CHAIN ON PIPE SPINNERS
	10:00 - 11:00	1.00	TRP	2	DRLPRO	TRIP OUT OF HOLE FOR MWD
	11:00 - 12:00	1.00	TRP	1	DRLPRO	CHANGE OUT BIT,MOTOR AND MWD. LAY DOWN ADGITATOR AND REAMER. SCRIBE AND TEST TOOLS
	12:00 - 16:00	4.00	TRP	2	DRLPRO	TRIP IN HOLE-MOVE 30 JOINTS OF PUSH PIPE BACK TO DRILLING STRING
	16:00 - 19:00	3.00	DRL	2	DRLPRO	DIRECTIONAL DRILL F/5213 T/5248 35' 11.6'/HR
	19:00 - 20:00	1.00	CIRC	1	DRLPRO	TROUBLE SHOOT MWD-GIVING INCOSETANT SURVEYS, NEVER

Operations Summary Report

Legal Well Name: RB DS FED 14G-8-10-18
Common Well Name: RB DS FED 14G-8-10-18
Event Name: RE-ENTER
Contractor Name: AZTEC DRILLING
Rig Name: AZTEC

Start: 4/30/2012
Rig Release: 6/19/2012
Rig Number: 950

Spud Date: 12/2/2004
End: 6/19/2012
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/18/2012	19:00 - 20:00	1.00	CIRC	1	DRLPRO	THE SAME
	20:00 - 00:00	4.00	TRP	13	DRLPRO	TRIP OUT OF HOLE FOR MWD FAILURE
	00:00 - 00:30	0.50	RIG	1	DRLPRO	RIG SERVICE AND CHANGE OUT MWD TOOLS & CHECK MOTOR & BIT (O.K.)
	00:30 - 03:30	3.00	TRP	13	DRLPRO	TRIP IN THE HOLE WASH 10 FT TO BOTTOM NO FILL
	03:30 - 06:00	2.50	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 5248 TO 5300 52' 20.8'/HR WOB 10/11 RPM 255 GPM 140
5/19/2012	06:00 - 13:30	7.50	DRL	2	DRLPRO	DIRECTIONAL DRILL F/5300 T/5436 136' 18.1'/HR WOB 14/15 GPM 140 RPM 255
	13:30 - 14:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	14:00 - 17:00	3.00	DRL	2	DRLPRO	DIRECTIONAL DRILL F/5436 T/ 5502 =66 FT 22.0 FPR WOB= 14 /15 K GPM=140 RPM= 255
	17:00 - 18:00	1.00	SUR	1	DRLPRO	SURVEYS AND CONNECTIONS
	18:00 - 05:00	11.00	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM F/5502 TO 5629 127' 11.5 WOB 14/15 RPM 255 GPM 140
	05:00 - 06:00	1.00	SUR	1	DRLPRO	SURVEYS AND CONNECTIONS
5/20/2012	06:00 - 12:30	6.50	DRL	2	DRLPRO	DIRECTIONAL DRILL F/5629 T/5753
	12:30 - 15:30	3.00	TRP	10	DRLPRO	TRIP OUT OF HOLE FOR BIT
	15:30 - 16:30	1.00	TRP	1	DRLPRO	CHANGE OUT MOTOR AND BIT, CHECK MWD TOOL
	16:30 - 17:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	17:00 - 20:30	3.50	TRP	10	DRLPRO	TRIP IN HOLE WASH 30 FT TO BOTTOM
	20:30 - 05:00	8.50	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 5753 FT TO 5895 142' 16.7'/HR WOB 12 GPM 140 RPM 1825
	05:00 - 06:00	1.00	SUR	1	DRLPRO	CONNECTIONS & SURVEYS
5/21/2012	06:00 - 12:30	6.50	DRL	2	DRLPRO	DIRECTIONAL DRILL F/5895 T/5958
	12:30 - 13:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	13:00 - 13:30	0.50	CIRC	1	DRLPRO	PUMP HIGH VIS SWEEP AND CIRCULATE BOTTOMS UP
	13:30 - 16:30	3.00	TRP	10	DRLPRO	TRIP OUT OF HOLE FOR BIT
	16:30 - 17:30	1.00	TRP	1	DRLPRO	CHANGE OUT BIT AND MOTOR, CHECK MWD AND SCRIBE
	17:30 - 20:00	2.50	TRP	10	DRLPRO	TRIP IN HOLE - PICK UP ADJIATOR AND SHOCK SUB
	20:00 - 21:00	1.00	RIG	6	DRLPRO	CUT DRILLING LINE
	21:00 - 22:00	1.00	TRP	10	DRLPRO	TRIP IN THE HOLE
	22:00 - 05:00	7.00	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 5958 FT TO 6125 167' 23.8'/HR WOB 10/11 GPM 144 RPM 260
	05:00 - 06:00	1.00	SUR	1	DRLPRO	CONNECTIONS & SURVEYS
5/22/2012	06:00 - 13:30	7.50	DRL	2	DRLPRO	DIRECTIONAL DRILL F/6125 T/6209 84' 11.2'/HR WOB 11 RPM 260 GPM 144
	13:30 - 18:30	5.00	TRP	13	DRLPRO	TRIP OUT OF HOLE FOR PUMP PRESSURE
	18:30 - 19:30	1.00	TRP	1	DRLPRO	CHANGE OUT BIT, AND MWD. ORIENT TOOLS TRIP IN THE HOLE TEST THE ADJIATOR AT SURFACE (OK)
	19:30 - 22:30	3.00	TRP	13	DRLPRO	TRIP IN HOLE- TEST AGITATOR ON SURFACE WHEN PICKED UP
	22:30 - 23:00	0.50	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 6209 TO 6215 FT
	23:00 - 00:30	1.50			DRLPRO	TROUBLE SHOOT PRESURE PROBLEMSAND MWD TOOLS
	00:30 - 03:30	3.00	TRP	13	DRLPRO	TRIP OUT TO 1200' FOR ADJIATOR
	03:30 - 05:00	1.50	OTH		DRLPRO	TROUBLE SHOOT ADJIATOR AND MWD TOOLS. CHANGE OUT ADJIATOR'S
	05:00 - 06:00	1.00	TRP	13	DRLPRO	TRIP OUT TO CHANGE OUT MWD TOOLS
5/23/2012	06:00 - 06:30	0.50	TRP	1	DRLPRO	CHANGE OUT MWD AND ORIENT
	06:30 - 07:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	07:00 - 09:00	2.00	TRP	13	DRLPRO	TRIP IN HOLE TO 1240', PULL BACK UP TO FLOAT AND CHECK
	09:00 - 11:00	2.00	CIRC	1	DRLPRO	SURFACE TEST AGITOR AND MWD TOOLS- MWD NOT WORKING. PUMP PRESSURE IS NOT SPIKING
	11:00 - 17:00	6.00	OTH		DRLPRO	WAIT ON NEW MWD TOOLS

Operations Summary Report

Legal Well Name: RB DS FED 14G-8-10-18
Common Well Name: RB DS FED 14G-8-10-18
Event Name: RE-ENTER
Contractor Name: AZTEC DRILLING
Rig Name: AZTEC

Start: 4/30/2012
Rig Release: 6/19/2012
Rig Number: 950

Spud Date: 12/2/2004
End: 6/19/2012
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/23/2012	17:00 - 18:00	1.00	TRP	1	DRLPRO	TRIP OUT OF HOLE TO TO CHANGE OUT MWD
	18:00 - 19:00	1.00	OTH		DRLPRO	CHANGE OUT MWD AND SURFACE EQUIPMENT. ORINET AND TEST
	19:00 - 22:30	3.50	TRP	13	DRLPRO	TRIP IN HOLE, TESTING TOOLS @ 1500',SHOE, 4770 &5720 FT
	22:30 - 23:00	0.50	REAM	1	DRLPRO	REAM TO BOTTOM WITH 10 FT OF FILL
	23:00 - 23:30	0.50	DRL	2	DRLPRO	RE LOG FROM 6215 FT TO 6223 FT
	23:30 - 05:00	5.50	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 6215 FT TO 6413 198 FT 36 FPR BIT WT= 8/10 RPM= 255 GPM= 140
	05:00 - 06:00	1.00	SUR	1	DRLPRO	CONNECTIONS & SURVEYS
5/24/2012	06:00 - 09:00	3.00	DRL	2	DRLPRO	DIRECTIONAL DRILL F/6413 T/6444 31' 10.3'/HR WOB 8/10 GPM 140 RPM 255
	09:00 - 13:00	4.00	OTH		DRLPRO	TROUBLE SHOOT MWD -WEAK PULSES. COULD NOT GET TOOLS WORKING PROPERLY
	13:00 - 15:00	2.00	TRP	13	DRLPRO	TRIP OUT OF HOLE TO WINDOW
	15:00 - 16:00	1.00	RIG	1	DRLPRO	RIG SERVICE
	16:00 - 19:30	3.50	OTH		DRLPRO	WAIT ON SCIENTIFIC DIRECTIONAL TOOLS- GO THROUGH MUD PUMPS AND LOOK FOR ANY PROBLEMS
	19:30 - 22:30	3.00	TRP	13	DRLPRO	TRIP OUT OF THE HOLE FOR NEW MWD TOOLS
	22:30 - 00:00	1.50	TRP	1	DRLPRO	DREAK DOWN AND LAY DOWN NATIVE DIRECTIONAL TOOLS
	00:00 - 02:00	2.00	OTH		DRLPRO	WAIT ON SCIENTIFIC MWD TOOLS
	02:00 - 06:00	4.00	OTH		DRLPRO	RIG UP SCIENTIFIC MWD TOOLS
5/25/2012	06:00 - 10:30	4.50	DRL	2	DRLPRO	TRIP IN HOLE TO 6167'
	10:30 - 14:30	4.00	SUR	1	DRLPRO	RELOG GAMMA F/6167 T/6444
	14:30 - 17:30	3.00	DRL	2	DRLPRO	DIRECTIONAL DRILL F/6444 T/6545 91' 30.3'/HR WOB 8/10 RPM 260 GPM 144
	17:30 - 18:00	0.50	SUR	1	DRLPRO	SURVEYS AND CONNECTIONS
	18:00 - 20:30	2.50	DRL	2	DRLPRO	TROUBLE SHOOT MWD TOOLS
	20:30 - 05:00	8.50	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 6545 FT TO 6705 160 FT 18.8 FPR WOB=8/11K RPM=260 GPM=140.
	05:00 - 06:00	1.00	SUR	1	DRLPRO	CONNECTIONS & SURVEYS
5/26/2012	06:00 - 13:30	7.50	DRL	2	DRLPRO	DIRECTIONAL DRILL F/6705 T/6925 220' 29.3'/HR WOB 8/10 RPM 260 GPM 140
	13:30 - 14:30	1.00	CIRC	1	DRLPRO	CIRCULATE BOTTOMS UP-PUMP HIGH VIS SWEEP
	14:30 - 19:30	5.00	TRP	13	DRLPRO	TRIP OUT OF HOLE FOR MWD
	19:30 - 20:30	1.00	TRP	1	DRLPRO	WORK BHA LAY DOWN MOTOR BIT PONY DC
	20:30 - 22:00	1.50	TRP	1	DRLPRO	MAKE UP NEW BIT MOTOR, ORINATE TOOLS AND NEW GAP SUB AND 1 MORE MONEL FLEX D.C.
	22:00 - 23:30	1.50	OTH		DRLPRO	PROGRAM MWD TOOLS AND LOAD IN TO MONEL D.C'S
	23:30 - 03:30	4.00	TRP	2	DRLPRO	TRIP IN THE HOLE
	03:30 - 06:00	2.50	OTH		DRLPRO	RELOG FROM 6800 FT TO 6925 FEET
5/27/2012	06:00 - 07:30	1.50	OTH		DRLPRO	TRUBLE SHOOT MWD. LOST
	07:30 - 16:00	8.50	DRL	2	DRLPRO	DIRECTIONAL DRILL F/6925 T/7189 264' 31.1'/HR WOB 8/12 RPM 155 GPM 140
	16:00 - 17:00	1.00	CIRC	1	DRLPRO	CIRCULATE BOTTOMS UP, PUMP HIGH VIS SWEEP
	17:00 - 22:00	5.00	TRP	13	DRLPRO	TRIP OUT OF HOLE FOR MWD-GAMMA FAILURE
	22:00 - 22:30	0.50	TRP	1	DRLPRO	WORK BHA LAY DOWN MONEL GAP SUB, UBHO SUB CHECK MOTOR & BIT
	22:30 - 00:00	1.50	TRP	1	DRLPRO	PICK UP PONY DC & MUD PULSE MWD TOOLS
	00:00 - 02:30	2.50	TRP	2	DRLPRO	TRIP IN THE HOLE TO 4034 FT
	02:30 - 03:30	1.00	RIG	6	DRLPRO	CUT DRILLING LINE
	03:30 - 05:30	2.00	TRP	2	DRLPRO	TRIP IN THE HOLE TO 6887'
	05:30 - 06:00	0.50	SUR	1	DRLPRO	RELOG GAMMA F/6887 T/6920
5/28/2012	06:00 - 10:30	4.50	SUR	1	DRLPRO	RE-LOG GAMMA F/6920 T/7189 (BOTTOM)

Operations Summary Report

Legal Well Name: RB DS FED 14G-8-10-18
Common Well Name: RB DS FED 14G-8-10-18
Event Name: RE-ENTER
Contractor Name: AZTEC DRILLING
Rig Name: AZTEC

Start: 4/30/2012
Rig Release: 6/19/2012
Rig Number: 950

Spud Date: 12/2/2004
End: 6/19/2012
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/28/2012	10:30 - 16:30	6.00	DRL	2	DRLPRO	DIRECTIONAL DRILL F/7189 T/7486 297' 49.5'/HR WOB 8/12 RPM 255 GPM 140
	16:30 - 17:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	17:00 - 18:00	1.00	SUR	1	DRLPRO	CONNECTIONS AND SURVEYS
	18:00 - 06:00	12.00	FISH	6	DRLPRO	WORK STUCK PIPE@ 7480'-+ ACID TRUCK ON LOCATION @ 05:00AM
5/29/2012	06:00 - 06:30	0.50	FISH	6	DRLPRO	WORK STUCK PIPE @ 7480'
	06:30 - 07:30	1.00	CMT	1	DRLPRO	HOLD SAFETY MEETING AND RIG UP HALLIBURTON TO PUMP ACID
	07:30 - 08:30	1.00	CIRC	1	DRLPRO	TEST LINES TO 4000 PSI, SPOT 2000GL OF 15% HCL ACID , DISPLACED WITH 5 BBLS OF WATER. RIG DOWN
	08:30 - 10:30	2.00	FISH	6	DRLPRO	WORK STUCK PIE @ 7480'- CAME FREE @ 10:30 HRS
	10:30 - 13:30	3.00	CIRC	1	CSGPRO	C9IRCULATE ACID OUT F=OF HOLE AND HEAL UP PARTIAL LOSSES
	13:30 - 15:30	2.00	REAM	1	CSGPRO	BACK REAM OUT OF HOLE TO 6855' AND WASH BACK TO BOTTM
	15:30 - 17:30	2.00	CIRC	1	CSGPRO	CIRCULATE AND CONDITION HOLE FOR LINER. SPOT 3 LS/ BBLS OF BEAD SWEEP IN LATERAL.
	17:30 - 00:00	6.50			CSGPRO	TRIP OUT OF HOLE FOR LINER LAY DOWN 1 JT D.P.,1 JT HWDP AND JARS
	00:00 - 01:00	1.00	TRP	1	CSGPRO	LAY DOWN PONY MONEL AND MUD MOTOR, & BIT ALL X.O. SUBS
	01:00 - 02:00	1.00	CSG	1	CSGPRO	HOLD SAFETY MEETING AND RIG UP CASERS
	02:00 - 06:00	4.00	CSG	2	CSGPRO	RUN 93 JOINTS OF 3 1/2" P-110, ULTRA FLSH JOINT CASING. EVERY OTHER JOINT PERFERATED. LINER WEIGHT 32,000#
5/30/2012	06:00 - 12:00	6.00	TRP	2	CSGPRO	PICK UP 30, 2 7/8" DRILL COLLARS AND TRIP IN HOLE WITH LINER
	12:00 - 12:30	0.50	OTH		CSGPRO	RELEASE FROM LINER. LINER TOP @ 4457.38' LINER BOTTOM @ 7450'
	12:30 - 13:00	0.50	CIRC	1	CSGPRO	TRIED TO CIRCULATE PIPE, PLUGGED
	13:00 - 18:00	5.00	TRP	2	CSGPRO	TRIP OUT OF HOLE WET. LAY DOWN LINE RELEASING TOOL
	18:00 - 19:00	1.00	DEQ	1	DRLPRO	HOLD SATETY MEETING AND RIG UP WIRE LINE TRUCK
	19:00 - 21:00	2.00	DEQ	1	DRLPRO	RUN IN HOLE WITH GAUGE RING TO TOP OF LINER AND POOH. GO BACK IN HOLE WITH RBP AND SET @ 4410'. P.O.O.H AND RIG DOWN.
	21:00 - 06:00	9.00	BOP	2	DRLPRO	TEST BOP'S & ALL CHOKE VALVES ALL FLOOR VALVES & I BOP VALVES 250 LOW & 3000 PSI HIGH ANNULAR TO 250 LOW & 1500 PSI HIGH CHANGE OUT I-BOP & RETEST ALLEN WALKER WITH THE BLM WITNESSED BOP TEST
5/31/2012	06:00 - 07:00	1.00	TRP	2	DRLPRO	TIH WIITH HWDP
	07:00 - 12:30	5.50	ISP	1	DRLPRO	INSPECT BHA
	12:30 - 14:00	1.50	TRP	1	DRLPRO	UNLOAD WHIPSTOCK & MILL TOOLS / PREPARE TO PU SAME
	14:00 - 18:00	4.00	TRP	2	DRLPRO	PU MILL ASSY & WHIPSTOCK / TIH
	18:00 - 19:00	1.00	TRP	2	DRLPRO	TIH / TAG BRIDGE PLUG @ 4394
	19:00 - 20:00	1.00	SUR	1	DRLPRO	PJMS / RU GYRO TOOL / RUN GYRO / TAG UBHO @ 4352
	20:00 - 22:00	2.00	DRL	7	DRLPRO	ORIENT WHIPSTOCK TO 223.14 DEG / SET WHIPSTOCK @ 21:50 HRS.
	22:00 - 23:00	1.00	SUR	1	DRLPRO	PULL GYRO / RIG DOWN GYRO TOOLS
	23:00 - 06:00	7.00	DRL	7	DRLPRO	MILLING WINDOW @ 4388/ TOP OF WINDOW @ 4379', BOTTOM @ 4385
6/1/2012	06:00 - 11:00	5.00	DRL	7	DRLPRO	MILL FROM 4388 TO 4390, 5K ON MILL, 45 RPM. TOP OF WINDOW @ 4379, BOTTOM @ 4385
	11:00 - 12:00	1.00	CIRC	1	DRLPRO	PUMP HIGH VIS SWEEP
	12:00 - 15:00	3.00	TRP	2	DRLPRO	TRIP OUT WITH MILL AND LAY DOWN SAME. WINDOW MILL WAS

Operations Summary Report

Legal Well Name: RB DS FED 14G-8-10-18
Common Well Name: RB DS FED 14G-8-10-18
Event Name: RE-ENTER
Contractor Name: AZTEC DRILLING
Rig Name: AZTEC

Start: 4/30/2012
Rig Release: 6/19/2012
Rig Number: 950

Spud Date: 12/2/2004
End: 6/19/2012
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/1/2012	12:00 - 15:00	3.00	TRP	2	DRLPRO	1/16 UNDERGAUGE AND FOLLOW MILL WAS 3/16 UNDER GAUGE
	15:00 - 15:30	0.50	RIG	1	DRLPRO	RIG SERVICE
	15:30 - 17:00	1.50	DRL	3	DRLPRO	PICK UP AND ORIENT DIRECTIONAL TOOLS
	17:00 - 20:30	3.50	TRP	2	DRLPRO	TRIP IN TO WINDOW
	20:30 - 03:00	6.50	DRL	2	DRLPRO	DRLG F/4390 TO 4465, 75 FT @ 11.5 FT/HR, SLIDING, 40 RPM, 15K ON BIT
	03:00 - 03:30	0.50	RIG	1	DRLPRO	RIG SERVICE @ 4465
	03:30 - 05:30	2.00	DRL	2	DRLPRO	DRLG F/4465 TO 4498, 33 FT @ 16.5 FPH
	05:30 - 06:00	0.50	SUR	1	DRLPRO	SURVEYS & CONNECTIONS /
6/2/2012	06:00 - 15:00	9.00	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 4498 TO 4623, 125 FT @ 13.8 FT/HR, SLIDING AND ROTATING 45 RPM, 140 GPM, 15K ON BIT
	15:00 - 15:30	0.50	RIG	1	DRLPRO	RIG SERVICE
	15:30 - 00:30	9.00	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 4623 TO 4781, 158 FT @ 17.5 FT/HR, SLIDING AND ROTATING 45 RPM, 140 GPM, 15K ON BIT
	00:30 - 01:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	01:00 - 04:00	3.00	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 4781 TO 4857, 76 FT @25 FPH
	04:00 - 06:00	2.00	SUR	1	DRLPRO	SURVEYS AND CONNECTIONS
6/3/2012	06:00 - 07:30	1.50	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 4857 TO 4876, 19 FT @ 12.6 FT/HR, 20K ON BIT, 140 GPM, SLIDING AND ROTATING AT 45 RPM
	07:30 - 11:00	3.50	TRP	10	DRLPRO	TRIP FOR BIT #19 DUE TO K-REVS(350)
	11:00 - 11:30	0.50	TRP	10	DRLPRO	SERVICE MWD AND CHANGE BIT
	11:30 - 12:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	12:00 - 14:30	2.50	TRP	10	DRLPRO	TRIP IN HOLE AND WASH 60 FT TO BOTTOM
	14:30 - 02:30	12.00	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 4876 TO 5097, 221 FT @ 18.41 FT/HR, 22/24K ON BIT, 140 GPM, SLIDING AND ROTATING AT 40 RPM
	02:30 - 03:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	03:00 - 04:30	1.50	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 5097 TO 5148, 51 FT @ 34 FT/HE, 22/24K ON BIT, 140 GPM, SLIDING AND ROTATING AT 40 RPM
	04:30 - 06:00	1.50	SUR	1	DRLPRO	CONNECTIONS AND SURVEYS
6/4/2012	06:00 - 06:30	0.50	CIRC	7	DRLPRO	CIRCULATE SAMPLES AT 5148
	06:30 - 08:30	2.00	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 5148 TO 5169, 21 FT @ 10.5 FT/HR 40 RPM, 140 GPM, 14K ON BIT
	08:30 - 09:00	0.50	CIRC	7	DRLPRO	CIRCULATE SAMPLES AT 5169
	09:00 - 10:30	1.50	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 5169 TO 518, 12 FT @ 8 FT/HR 40 RPM, 140 GPM, 14K ON BIT
	10:30 - 11:00	0.50	CIRC	1	DRLPRO	CIRCULATE SAMPLES AT 5181
	11:00 - 18:00	7.00	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 5181 TO 5318, 137 FT @ 19.5 FT/HR 40 RPM, 140 GPM, 14K ON BIT
	18:00 - 20:00	2.00	SUR	1	DRLPRO	CONNECTIONS AND SURVEYS
	20:00 - 02:30	6.50	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 5318 TO 5445, 127 FT @ 19.5 FT/HR 40 RPM, 140 GPM, 14K ON BIT
	02:30 - 03:00	0.50	CIRC	1	DRLPRO	CIRCULATE SWEEP AROUND
	03:00 - 03:30	0.50	RIG	1	DRLPRO	RIG SERVICE
	03:30 - 06:00	2.50	TRP	10	DRLPRO	POOH WITH BIT #20
6/5/2012	06:00 - 06:30	0.50	TRP	10	DRLPRO	TOOH, LD MOTOR AND BIT
	06:30 - 07:30	1.00	TRP	1	DRLPRO	PICK UP MOTOR AND BIT, ORIENT DIRECTIONAL TOOLS
	07:30 - 09:30	2.00	TRP	10	DRLPRO	TRIP IN TO WINDOW
	09:30 - 10:30	1.00	RIG	6	DRLPRO	CUT DRILLING LINE
	10:30 - 11:30	1.00	TRP	10	DRLPRO	TRIP IN TO 5430
	11:30 - 12:00	0.50	REAM	1	DRLPRO	REAM BRIDGE @ 5430-5435, TAG BOTTOM
	12:00 - 17:30	5.50	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 5445 TO 5511, 66 FT AT 12 FPH, SLIDING AND ROTATING 45 RPM, 13K ON BIT, 140 GPM
	17:30 - 21:00	3.50	TRP	13	DRLPRO	POOH FOR GAMMA FAILURE ON MWD TOOL

Operations Summary Report

Legal Well Name: RB DS FED 14G-8-10-18
Common Well Name: RB DS FED 14G-8-10-18
Event Name: RE-ENTER
Contractor Name: AZTEC DRILLING
Rig Name: AZTEC

Start: 4/30/2012
Rig Release: 6/19/2012
Rig Number: 950

Spud Date: 12/2/2004
End: 6/19/2012
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/5/2012	21:00 - 22:00	1.00	TRP	1	DRLPRO	LD/PU BHA - ORIENT MWD TOOLS & CHANGE OUT MUD MOTOR
	22:00 - 02:30	4.50	TRP	13	DRLPRO	TIH / PICK UP (8) JTS HWDP & CHANGE OUT DRLG JARS
	02:30 - 03:00	0.50	TRP	13	DRLPRO	RELOG GAMMA FROM 5480 TO 5511
	03:00 - 05:00	2.00	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 5511 TO 5640
	05:00 - 06:00	1.00	SUR	1	DRLPRO	CONNECTIONS AND SURVEYS
6/6/2012	06:00 - 19:30	13.50	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 5640 TO 6000, 360 FT @ 26.6 FT/HR
	19:30 - 20:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	20:00 - 23:30	3.50	TRP	13	DRLPRO	POOH FOR GAMMA TOOL FAILURE
	23:30 - 00:30	1.00	TRP	1	DRLPRO	LD OLD MWD GAMMA TOOL / PU NEW MWD GAMMA TOOL
	00:30 - 04:00	3.50	TRP	13	DRLPRO	TIH / SHUFFEL PUSH PIPE 500', PICK UP AGITATOR
	04:00 - 04:30	0.50	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 6000 TO 6009, 9 FT @ 18 FT/HR
	04:30 - 06:00	1.50	TRP	13	DRLPRO	POOH FOR TOOL FAILURE / DRILLED 9 FT AND HAD A PRESSURE SPIKE TO 4800 PSI - MWD TOOL GETTING TO MUCH BACKROUND NOISE TO GET GOOD READINGS
6/7/2012	06:00 - 07:00	1.00	TRP	2	DRLPRO	TRIP TO BOTTOM
	07:00 - 09:30	2.50	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 6009-6025, 10K ON BIT, 140 GPM, 45 RPM. GETTING PRESSURE SPIKES AS HIGH AS 4500 PSI AND LOW STAND PIPE PRESSURE (1800 PSI). PROBLEM SYNCING IN MWD.
	09:30 - 11:00	1.50	TRP	13	DRLPRO	TRIP FOR IRREGULAR PRESSURES
	11:00 - 12:00	1.00	RIG	2	DRLPRO	RIG REPAIR - GO THROUGH PUMPS. REPLACED ALL VALVES IN #1 AND ALL VALVES AND SEATS IN #2.
	12:00 - 14:00	2.00	TRP	13	DRLPRO	TRIP OUT
	14:00 - 14:30	0.50	RIG	2	DRLPRO	RIG REPAIR - WORK ON ROTARY DRIVE SENSORS
	14:30 - 16:00	1.50	TRP	13	DRLPRO	TRIP OUT
	16:00 - 17:30	1.50	TRP	1	DRLPRO	LAY DOWN MOTOR AND AGITATOR, SERVICE MWD, PICK UP NEW MOTOR, AGITATOR AND SHOCK SUB
	17:30 - 22:00	4.50	TRP	13	DRLPRO	TRIP IN
	22:00 - 01:00	3.00	TRP	13	DRLPRO	RELOG LATERAL SECTION FROM 5894 TO 6025 WITH GAMMA TOOL @ 43.6 FT/HR
	01:00 - 02:30	1.50	SUR	1	DRLPRO	CONNECTIONS, SURVEYS INCLUDING SYNCING FOR LATERAL RELOG
	02:30 - 05:00	2.50	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 6025 TO 6063, 38 FT @ 15.2 FT/HR, 130 GPM, 40 RPM
	05:00 - 05:30	0.50	RIG	1	DRLPRO	RIG SERVICE
	05:30 - 06:00	0.50	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 6063 TO 6073, 10 FT @ 20 FT/HR, 130 GPM, 40 RPM
6/8/2012	06:00 - 11:00	5.00	DRL	2	DRLPRO	DRILL FROM 6073 TO 6191, 118 FT AT 23.6 FT/HR. 10-12K ON BIT, 130 GPM, 45 RPM
	11:00 - 11:30	0.50	RIG	1	DRLPRO	RIG SERVICE
	11:30 - 12:30	1.00	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 6191 TO 6223. 32 FT IN 1 HR. (STRING PRESSURED UP AND BLEW THE SHEAR RELIEF VALVE).
	12:30 - 14:00	1.50	TRP	13	DRLPRO	COULD NOT CIRCULATE, WORK TIGHT HOLE TO 6000'.
	14:00 - 18:30	4.50	TRP	13	DRLPRO	TRIP OUT WET, COULD NOT CIRCULATE, LAID DOWN SHOCK TOOL & AGITATOR TRIED TO CIRCULATE, COULD NOT CIRCULATE, CONTINUE TRIP OUT. (MWD TOOL SEPERATED INSIDE NMDC)
	18:30 - 19:30	1.00	TRP	1	DRLPRO	LAY DOWN (SCIENTIFIC DRILLING) TOOLS, MOTOR & BIT. PICK UP NEW MOTOR & SET DEG.
	19:30 - 20:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	20:00 - 00:30	4.50	WOT	4	DRLPRO	WAIT ON TOOLS (NATIVE NAVIGATION TOOLS TO REPLACE SCIENTIFIC DRILLING TOOLS)
	00:30 - 03:30	3.00	TRP	1	DRLPRO	UNLOAD DIRECTIONAL TOOLS, STRAP AND CALIPER TOOLS,

Operations Summary Report

Legal Well Name: RB DS FED 14G-8-10-18
Common Well Name: RB DS FED 14G-8-10-18
Event Name: RE-ENTER
Contractor Name: AZTEC DRILLING
Rig Name: AZTEC

Start: 4/30/2012
Rig Release: 6/19/2012
Rig Number: 950

Spud Date: 12/2/2004
End: 6/19/2012
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/8/2012	00:30 - 03:30	3.00	TRP	1	DRLPRO	PICK UP TOOLS, SET BEND IN MOTOR TO 1.37 DEG, ASSEMBLE AND PROGRAM MWD TOOL, ORIENT MWD
	03:30 - 06:00	2.50	TRP	13	DRLPRO	TRIP IN HOLE WITH (NATIVE NAVIGATION DIRECTIONAL TOOLS)
6/9/2012	06:00 - 09:00	3.00	TRP	13	DRLPRO	TRIP IN TO 6183
	09:00 - 09:30	0.50	OTH		DRLPRO	RELOG GAMMA FROM 6183-6223
	09:30 - 11:30	2.00	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 6223-6268, 10-12K ON BIT, 45 RPM, 140 GPM. GOT FIVE FT OF SLIDE IN FROM 6263 TO 6268 AND MWD FAILED
	11:30 - 12:30	1.00	OTH		DRLPRO	TROUBLE SHOOT MWD
	12:30 - 18:00	5.50	TRP	13	DRLPRO	TRIP OUT FOR MWD FAILURE
	18:00 - 19:00	1.00	TRP	1	DRLPRO	LD MOTOR AND MONEL WITH MWD TOOL INSIDE AS A UNIT DUE TO RUPTURED BATTERY PACK. SOFT BROKE ALL CONNECTIONS. HELD PJSM PRIOR TO LAYING DOWN.
	19:00 - 19:30	0.50	RIG	1	DRLPRO	RIG SERVICE
	19:30 - 21:30	2.00	TRP	1	DRLPRO	PU NEW MOTOR, MONEL AND MWD TOOL. ORIENT MWD TOOL.
	21:30 - 23:00	1.50	TRP	13	DRLPRO	TRIP IN HOLE. SHALLOW TEST @ 1200 FT. COULD NOT PUMP, PRESSURED UP TO 2800PSI. BLED OFF TRAPPED PRESSURE THRU 2" BLEED OFF VALVE.
	23:00 - 00:00	1.00	TRP	13	DRLPRO	TRIP OUT TO DETERMINE PROBLEM. COULD NOT PUMP THRU MUD MOTOR.
	00:00 - 01:00	1.00	TRP	1	DRLPRO	LAY DOWN WENZEL MUD MOTOR. PICK UP HUNTING MOTOR. SET BEND IN MOTOR TO 1.50 DEG. MAKE UP BIT, MOTOR, MWD & 1 STD PUSH PIPE. CONNECT TOP DRIVE AND TEST (OK).
	01:00 - 05:00	4.00	TRP	13	DRLPRO	TRIP IN HOLE. SHALLOW TEST @ 1200 FT (OK). TEST MWD SURVEY & GAMMA @ 4600 FT (OK).
	05:00 - 05:30	0.50	REAM	1	DRLPRO	WASH & REAM 6187 TO BOTTOM @ 6268
	05:30 - 06:00	0.50	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 6268-6275, 14 FT/HR SLIDING, 12K ON BIT, O RPM, 140 GPM
6/10/2012	06:00 - 16:30	10.50	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 6276 TO 6438 = 162 FT @ 15.4 FT/HR, 9/11 WOB, 40 RPM, 140 GPM. (SLID 74 FT IN 5.5 HRS)
	16:30 - 17:00	0.50	RIG	1	DRLPRO	RIG SERVICE @ 6438
	17:00 - 03:00	10.00	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 6438 TO 6597 = 159 FT @ 15.9 FT/HR, 9/11 WOB, 40 RPM, 140 GPM. (SLID 16 FT IN 4.2 HRS)
	03:00 - 03:30	0.50	RIG	1	DRLPRO	RIG SERVICE @ 6597
	03:30 - 05:00	1.50	SUR	1	DRLPRO	CONNECTIONS AND SURVEYS
	05:00 - 06:00	1.00	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 6597 TO 6684 = 87 FT @ 87 FT/HR, 9/11 WOB, 40 RPM, 140 GPM.
6/11/2012	06:00 - 12:00	6.00	DRL	2	DRLPRO	DIRECTIONAL DRILLING FROM 6684-6755, 71 FT @ 11.8 FT/HR, 140 GPM, 10K ON BIT, SLIDING AND ROTATING AT 45 RPM
	12:00 - 13:30	1.50	SUR	1	DRLPRO	CONNECTIONS AND SURVEYS.
	13:30 - 14:00	0.50	CIRC	5	DRLPRO	CIRCULATE SAMPLES AT GEOLOGIST'S REQUEST.
	14:00 - 18:30	4.50	TRP	13	DRLPRO	TRIP FOR MWD FAILURE.
	18:30 - 19:30	1.00	TRP	1	DRLPRO	LD/PU BHA. CHANGE OUT MOTOR AND MWD. UNABLE TO PROGRAM NEW BACK-UP MWD TOOL (NO COMMUNICATION BETWEEN TOOL AND COMPUTER). TROUBLE SHOOT PROBLEM.
	19:30 - 20:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	20:00 - 21:00	1.00	RIG	6	DRLPRO	CUT AND SLIP DRILLING LINE.
	21:00 - 23:00	2.00	OTH		DRLPRO	WORK ON MWD TOOL (FOUND A BAD INNER-CONNECT AND REPLACED IT)
	23:00 - 04:00	5.00	TRP	13	DRLPRO	TRIP IN HOLE. MOVE PUSH PIPE IN STRING. SHALLOW TEST @ SURFACE (OK), @ 1650' (OK), @ 4606' (OK)
	04:00 - 05:00	1.00	OTH		DRLPRO	RELOG GAMMA FROM 6690 TO 6755

Operations Summary Report

Legal Well Name: RB DS FED 14G-8-10-18
Common Well Name: RB DS FED 14G-8-10-18
Event Name: RE-ENTER
Contractor Name: AZTEC DRILLING
Rig Name: AZTEC

Start: 4/30/2012
Rig Release: 6/19/2012
Rig Number: 950

Spud Date: 12/2/2004
End: 6/19/2012
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/11/2012	05:00 - 06:00	1.00	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 6755 TO 6765 = 10 FT @ 10 FT/HR, 9/11 WOB, 140 GPM, 40 RPM
6/12/2012	06:00 - 14:00	8.00	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 6765 TO 6882 = 117 FT @ 14.6 FT/HR. 140 GPM, 10 K ON BIT, 45 RPM, SLID 24.5 FT @ 9.2 FT/HR
	14:00 - 14:30	0.50	RIG	1	DRLPRO	RIG SERVICE
	14:30 - 18:00	3.50	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 6882 TO 6915 = 33 FT @ 9.4 FT/HR, 140 GPM, 10K WOB, 45 RPM, SLID 14 FT @ 9.3 FT/HR
	18:00 - 19:00	1.00	SUR	1	DRLPRO	SURVEYS & CONNECTIONS
	19:00 - 02:30	7.50	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 6915 TO 6975 = 60 FT @ 8 FT/HR, 140 GPM, 10K WOB, 45 RPM, SLID 12 FT @
	02:30 - 03:00	0.50	RIG	1	DRLPRO	RIG SERVICE @ 6975
	03:00 - 05:30	2.50	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 6975 TO 6987. 12 FT SLIDING @ 4.8 FT/HR
	05:30 - 06:00	0.50	SUR	1	DRLPRO	SURVEYS & CONNECTIONS
6/13/2012	06:00 - 15:00	9.00	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 6987 TO 7068 = 81 FT @ 9 FT/HR, 140 GPM, 11K ON BIT, 45 RPM.
	15:00 - 16:30	1.50	SUR	1	DRLPRO	SURVEYS AND CONNECTIONS.
	16:30 - 17:30	1.00	CIRC	5	DRLPRO	CIRCULATE SAMPLES.
	17:30 - 18:30	1.00	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 7068 TO 7071 = 3 FT @ 3 FT/HR, 140 GPM, 11K WOB, SLID.
	18:30 - 01:00	6.50	TRP	12	DRLPRO	TRIP OUT FOR MOTOR (LOST DIFFERENTIAL PRESSURE AND REACTIVE TORQUE). TIGHT SPOTS @ 5170', 4890'.
	01:00 - 02:00	1.00	TRP	1	DRLPRO	LD/PU BHA - LAY DOWN MWD TOOL & MOTOR. PICK UP NEW MOTOR AND MWD TOOL, SET BEND IN MOTOR.
	02:00 - 02:30	0.50	RIG	1	DRLPRO	RIG SERVICE
	02:30 - 03:00	0.50	TRP	1	DRLPRO	ORIENT MWD TOOL
	03:00 - 06:00	3.00	TRP	12	DRLPRO	TRIP IN HOLE. SHALLOW TEST BELOW BOP (OK)
6/14/2012	06:00 - 08:00	2.00	TRP	12	DRLPRO	TRIP IN HOLE, WASH LAST JOINT TO TO BOTTOM
	08:00 - 09:00	1.00	DRL	2	DRLPRO	DIRECTIONAL DRILL F/7071 T/7088 17' 17'/HR
	09:00 - 10:00	1.00	CIRC	1	DRLPRO	CIRCULATE SAMPLES
	10:00 - 13:30	3.50	DRL	1	DRLPRO	DIRECTIONAL DRILL F/7088 T/7164 76' 31.7'/HR WOB 9/10 GPM 140 RPM 260
	13:30 - 14:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	14:00 - 17:00	3.00	DRL	2	DRLPRO	DIRECTIONAL DRILL F/7164 T/7207 43' 14.3 WOB 9/10 GPM 140 RPM 260
	17:00 - 18:00	1.00	SUR	1	DRLPRO	SURVEYS AND CONNECTIONS
	18:00 - 05:00	11.00	DRL	2	DRLPRO	DIRECTIONAL DRILL F/7207 T/ 7605 = 398 FPR= 36.1 WOB= 9/11 GPM =140 RPM= 260
	05:00 - 06:00	1.00	SUR	1	DRLPRO	CONNECTIONS & SURVEYS
	00:00 -				DRLPRO	HAD A RUTEIN RIG INSPECTION BY RICK McMULLEN AND PAUL CANNON WITH THE UTAH OSHA ON 6/13/2012 @ 14;00 HRS. 1 CITATION GIVEN TO AZTEC FOR BAD CORD END.
6/15/2012	06:00 - 06:30	0.50	DRL	2	DRLPRO	DIRECTIONAL DRILL F/7605 T/7660 56'
	06:30 - 07:30	1.00	CIRC	1	DRLPRO	CIRCULATE TO CHECK SAMPLES
	07:30 - 11:30	4.00	DRL	2	DRLPRO	DIRECTIONAL DRILL F/7660 T/7828 168' 42'/HR WOB 9/10 GPM 140 RPM 260
	11:30 - 13:30	2.00	CIRC	1	DRLPRO	ATTEMPT TO SLIDE @7828', HANGING UP. CIRCULATE HIGH VIS SWEEP AROUND
	13:30 - 19:30	6.00	TRP	15	DRLPRO	TRIP TO SHUFFLE PUSH PIPE, TIGHT SPOT @6958' 22 STANDS=1389.95'
	19:30 - 21:00	1.50	REAM	1	DRLPRO	WASH & REAM FROM 7383 TO 7828 FEET
	21:00 - 05:00	8.00	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 7828 FT TO 8049 = 221 FT = 27.6 FPR WOB= 10K / 11 K GPM= 140 RPM= 260

Operations Summary Report

Legal Well Name: RB DS FED 14G-8-10-18
Common Well Name: RB DS FED 14G-8-10-18
Event Name: RE-ENTER
Contractor Name: AZTEC DRILLING
Rig Name: AZTEC

Start: 4/30/2012
Rig Release: 6/19/2012
Rig Number: 950

Spud Date: 12/2/2004
End: 6/19/2012
Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/15/2012	05:00 - 06:00	1.00	SUR	1	DRLPRO	CONNECTIONS & SURVEYS
6/16/2012	06:00 - 10:00	4.00	DRL	2	DRLPRO	DIRECTIONAL DRILL F/8049 T/8112
	10:00 - 10:30	0.50	RIG	1	DRLPRO	RIG SERVICE
	10:30 - 11:00	0.50	DRL	2	DRLPRO	DIRECTIONAL DRILL F/8112 T/8119 7' 14'/HR LOST ALL DIFFERENTIAL PRESSURE-WILL NOT DRILL
	11:00 - 12:00	1.00	CIRC	1	DRLPRO	CIRCULATE FOR TRIP-
	12:00 - 17:30	5.50	TRP	13	DRLPRO	TRIP OUT OF HOLE FOR MOTOR
	17:30 - 20:30	3.00	TRP	1	DRLPRO	CAHNGE OUT MOTOR, BIT AND DIRECTIONAL TOOLS. ORINET AND TEST UP NEW AGITATOR & SHOCK SUB
	20:30 - 22:30	2.00	TRP	2	DRLPRO	TRIP IN THE HOLE TO THE WINDOW
	22:30 - 23:00	0.50	RIG	1	DRLPRO	RIG SERVICE
	23:00 - 02:30	3.50	TRP	2	DRLPRO	TRIP IN THE HOLE TO 7963 FEET
	02:30 - 03:00	0.50	REAM	1	DRLPRO	SAFETY REAM FROM 7963 FT TO 8119 FEET
	03:00 - 06:00	3.00	DRL	2	DRLPRO	DIRECTIONAL DRILL FROM 8119 FT TO 8180 FT =61 =20FPR WOB= 9K / 11K RPM= 260 GPM= 140
6/17/2012	06:00 - 10:00	4.00	DRL	2	DRLPRO	DIRECTIONAL DRILL F/8180 T/8255 75' 18/8'/HR WOB 8/10 RPM 230 GPM 122
	10:00 - 11:00	1.00	CIRC	1	DRLPRO	CIRCULATE AND CHECK SAMPLES
	11:00 - 17:00	6.00	DRL	2	DRLPRO	DIRECTIONAL DRILL F/8255 T/8365 110' 18.3'/HR WOB 8/10 RPM 230 GPM 123
	17:00 - 18:00	1.00	SUR	1	DRLPRO	SURVEYS AND CONNETIONS
	18:00 - 05:00	11.00	DRL	1	DRLPRO	DIRECTIONAL DRILL F/8365 T/ 8501 =136 FT =125 FPH WOB=9000/14000 RPM= 230 GPM=123
	05:00 - 06:00	1.00	SUR	1	DRLPRO	CONNECTIONS & SURVEYS
6/18/2012	06:00 - 10:00	4.00	DRL	2	DRLPRO	DIRECTIONAL DRILL F/8501 T/8550 49' 12.25'/HR WOB 10/14 GPM 129 RPM 200/240
	10:00 - 11:30	1.50	CIRC	1	CSGPRO	CURCULATE AND PUMP HIGH VIS SWEEP
	11:30 - 13:30	2.00	TRP	15	CSGPRO	SHORT TRIP 20 STANDS- REAM F/7959 T/8035- AND 45' TO BOTTOM
	13:30 - 15:30	2.00	CIRC	1	CSGPRO	CIRCULATE AND CONDTION HOLE FOR LINER. PUMP 2 CALCIUM CARB SWEEPS AND SPOT 2 LBS/BBL BEADS ON BOTTOM.
	15:30 - 21:00	5.50	TRP	2	CSGPRO	TRIP OUT OF HOLE FOR LINER- LAY DOWN 2 JT DP, JARS, AGITATOR AND SHOCK SUB & ALL X.O. SUBS SLM PIPE (O.K.) NO CORRECTION
	21:00 - 22:30	1.50	TRP	1	CSGPRO	BREAK OUT & LAY DOWN ALL DIRECTIONAL TOOLS
	22:30 - 23:30	1.00	CSG	1	CSGPRO	PRE JOB SAFETY MEETING AND RIG UP LAY DOWN MACHINE & CASING CREWS
	23:30 - 04:00	4.50	CSG	2	CSGPRO	RUN 128 JTS OF 3 1/2 " 9.2 # PER F ULFJ CASING LINNER LENGTH= 4135 FT
	04:00 - 05:00	1.00	CSG	1	CSGPRO	RIG DOWN CASING CREWS & LAY DOWN MACHINE
	05:00 - 06:00	1.00	TRP	2	CSGPRO	TRIP IN HOLE WITH 3 1/2" LINER @5400'
6/19/2012	06:00 - 07:30	1.50	TRP	2	CSGPRO	TRIP IN HOLE WITH 3 1/2" LINER LANDED @ 8526'- TOP OF LINER 4391'
	07:30 - 08:00	0.50	OTH		CSGPRO	RELEASE FROM LINER
	08:00 - 10:00	2.00	CIRC	1	CSGPRO	CLEAN PILL TANK, DISPLASE HOLE WITH 2% KCL WATER
	10:00 - 19:00	9.00	TRP	3	CSGPRO	PJSM AND LAY DOWN DRILL PIPE
	19:00 - 19:30	0.50	CSG	1	CSGPRO	RIG DOWN LAY DOWN MACHINE
	19:30 - 20:30	1.00	LOG	2	CSGPRO	PJSM & RIG UP LOGGING TRUCK RUN COLLAR LOCATOR & SET RETREIVEABLE BRIDGE PLUG @ 2015'
	20:30 - 06:00	9.50	BOP	1	CSGPRO	NIPPLE DOWN BOP'S CLEAN MUD PITS CHANGE HEADS & LINNERS IN MUD PUMP RIG RELEASED @ 0600 JUNE /19/2012

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-81003

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: NEMO (GR)

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: RB DS FED 14G-8-10-18

2. NAME OF OPERATOR: QEP ENERGY COMPANY

9. API NUMBER: 43047359330000

3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078

PHONE NUMBER: 303 308-3068 Ext

9. FIELD and POOL or WILDCAT: UTELAND BUTTE

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 0462 FSL 1787 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 08 Township: 10.0S Range: 18.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION

- ✓ NOTICE OF INTENT — Approximate date work will start: 6/18/2013
- ☐ SUBSEQUENT REPORT — Date of Work Completion:
- ☐ SPUD REPORT — Date of Spud:
- ☐ DRILLING REPORT — Report Date:

TYPE OF ACTION

☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
☐ TUBING REPAIR	✓ VENT OR FLARE	☐ WATER DISPOSAL
☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

QEP ENERGY COMPANY REQUESTS AUTHORIZATION FOR UNRESTRICTED FLARING BEYOND THE 30 DAY LIMIT ESTABLISHED IN R649-3-20.3.2 AND NTL-4A. QEP ENERGY COMPANY IS WORKING WITH MONARCH NATURAL GAS, LLC IN ORDER TO ESTABLISH A GAS TRANSPORTATION AGREEMENT THAT WILL GRANT US ACCESS INTO MONARCHS LINE.

REQUEST DENIED
Utah Division of Oil, Gas and Mining
Date: June 20, 2013
By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Valyn Davis	435 781-4369	Regulatory Affairs Analyst

SIGNATURE	DATE
N/A	6/18/2013

RECEIVED: Jun. 18, 2013

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047359330000

Insufficient information provided to approve request.

RECEIVED: Jun. 20, 2013

C

RECEIVED
SEP 30 2014
Div. of Oil, Gas & Mining

FORM 6

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

ENTITY ACTION FORM

Operator: QEP ENERGY COMPANY
Address: 11002 EAST 17500 SOUTH
city VERNAL
state UT zip 84078

Operator Account Number: N 3700
Phone Number: (435) 781-4320

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304752436	DS 14G-7-10-18		SESW	7	10S	18E	UINTAH
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
C	18936	14457	2/25/2013			9/1/2014	

Comments: MOVED INTO THE NEMO (GR) UNIT
9/30/14

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304735933	RB DS FED 14G-8-10-18		SESW	8	10S	18E	UINTAH
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
C	14433	14457	12/2/2004			9/1/2014	

Comments: MOVED INTO THE NEMO (GR) UNIT
9/30/14

Well 3

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

Comments:

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

BENNA MUTH
Name (Please Print)
Benna Muth
Signature
REGULATORY ASSISTANT
Title
9/30/2014
Date

(5/2000)

RM
BGH
PIC

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
440 West 200 South, Suite 500
Salt Lake City, UT 84101
http://www.blm.gov/ut/st/en.html

RECEIVED
SEP 22 2014
DIV. OF OIL, GAS & MINING

IN REPLY REFER TO:
3180 (UTU87719X)
UT922000

SEP 19 2014

Ms. Laura Rippentrop
QEP Energy Company
1050 17th Street, Suite 500
Denver, Colorado 80265

Re: 1st Expansion of the
Nemo Unit
Uintah and Duchesne Counties, Utah

Dear Ms. Rippentrop:

The 1st Expansion to the Nemo Unit, located in Uintah and Duchesne Counties, Utah, is hereby approved effective September 1, 2014. All of the requirements set forth in Section 2 have been fulfilled. The basic information is as follows:

1. The expansion of the unit area was given preliminary approval by Bureau of Land Management letter dated August 1, 2014.

2. As a result of the expansion, the unit area is increased by 1440.00 acres from 8,638.68 acres to 10,078.68 acres, more or less, of which 9,438.88 acres (93.65 percent) are Federal lands and 639.80 acres (6.35 percent) are State lands.

3. The following federal lease embraces lands within the expanded unit area:

   UTU74400

4. All lands in the expanded area are fully committed.

In view of the foregoing commitment status, effective control of operations within the expanded unit area is assured. We are of the opinion that the agreement is necessary and advisable in the public interest and for the purpose of more properly conserving natural resources.

A copy of the approved expansion is being distributed to the appropriate agencies. You are requested to furnish all interested parties with appropriate evidence of this approval.

If there are any questions, please contact Judy Nordstrom at (801) 539-4108.

Sincerely,

Roger L. Bankert

Roger L. Bankert
Chief, Branch of Minerals

Enclosure

cc: UDOGM
SITLA
ONRR - Exhibit "B" (Attn: Jennifer Cortez)
BLM FOM - Vernal w/enclosure

CERTIFICATION-DETERMINATION

Pursuant to the authority vested in the Secretary of the Interior, under the Act approved February 25, 1920, 41 Stat. 437, as amended, 30 U.S.C. sec 181, et seq., and delegated to the Authorized Officer of the Bureau of Land Management, by Executive Order of the Secretary of the Interior, I do hereby:

A. Approve the attached expansion effective September 1, 2014, for the development and operation of the Nemo Unit Area, Uintah and Duchesne Counties, Utah.

B. Certify and determine that the unit plan of development and operation contemplated in the attached agreement is necessary and advisable in the public interest for the purpose of more properly conserving the natural resources.

C. Certify and determine that the drilling, producing, rental, minimum royalty and royalty requirements of all Federal leases committed to said Agreement are hereby established, altered, changed or revoked to conform with the terms and conditions of this agreement.

Dated: September 19, 2014

Roger L. Bankert

Roger L. Bankert
Chief, Branch of Minerals
Bureau of Land Management

Contract No: UTU87719X