

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

FORM 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER DS 14G-7-10-18						
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT UTELAND BUTTE						
4. TYPE OF WELL Oil Well <input checked="" type="checkbox"/> Coalbed Methane Well: NO <input type="checkbox"/>						5. UNIT or COMMUNITIZATION AGREEMENT NAME NEMO (GR)						
6. NAME OF OPERATOR QEP ENERGY COMPANY						7. OPERATOR PHONE 303 308-3068						
8. ADDRESS OF OPERATOR 11002 East 17500 South, Vernal, Ut, 84078						9. OPERATOR E-MAIL debbie.stanberry@qepres.com						
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU68387			11. MINERAL OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>						
13. NAME OF SURFACE OWNER (if box 12 = 'fee')						14. SURFACE OWNER PHONE (if box 12 = 'fee')						
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')						
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input checked="" type="checkbox"/>						
20. LOCATION OF WELL		FOOTAGES		QTR-QTR		SECTION		TOWNSHIP		RANGE		MERIDIAN
LOCATION AT SURFACE		784 FSL 1395 FWL		SESW		7		10.0 S		18.0 E		S
Top of Uppermost Producing Zone		784 FSL 1395 FWL		SESW		7		10.0 S		18.0 E		S
At Total Depth		784 FSL 1395 FWL		SESW		7		10.0 S		18.0 E		S
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 784			23. NUMBER OF ACRES IN DRILLING UNIT 40						
27. ELEVATION - GROUND LEVEL 5328			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 5000			26. PROPOSED DEPTH MD: 4500 TVD: 4500						
28. BOND NUMBER ESB000024			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE A-36125/ 49-2153									
Hole, Casing, and Cement Information												
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement			Sacks	Yield	Weight
Surf	12.25	9.625	0 - 450	36.0	J-55 ST&C	0.0	Rockies Lite			170	1.81	13.5
Prod	8.75	7	0 - 4420	26.0	N-80 LT&C	9.5	Halliburton Light , Type Unknown			330	2.95	11.0
							50/50 Poz			190	1.24	13.5
ATTACHMENTS												
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES												
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER						<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN						
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)						<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER						
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)						<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP						
NAME Valyn Davis				TITLE Regulatory Affairs Analyst				PHONE 435 781-4369				
SIGNATURE				DATE 03/06/2012				EMAIL Valyn.Davis@qepres.com				
API NUMBER ASSIGNED 43047524360000				APPROVAL  Permit Manager								

LOCATION OF LATERAL NUMBER 1	FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
Location At Kickoff Point Depth: 4500	784 FSL	1395 FWL	SESW	7	10.0 S	18.0 E	S
Top of Uppermost Producing Zone	784 FSL	1395 FWL	SESW	7	10.0 S	18.0 E	S
At Total Depth	400 FNL	2400 FWL	NENW	7	10.0 S	18.0 E	S
COUNTY UINTAH	DISTANCE TO NEAREST LEASE LINE (Feet) 400						
DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 5000	PROPOSED DEPTH MD: 8990 TVD: 5121						

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
L1	6.125	4.5	0 - 8990	11.6	N-80 LT&C	9.5	No Used	0	0.0	0.0

LOCATION OF LATERAL NUMBER 2	FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
Location At Kickoff Point Depth:	784 FSL	1395 FWL	SESW	7	10.0 S	18.0 E	S
Top of Uppermost Producing Zone	784 FSL	1395 FWL	SESW	7	10.0 S	18.0 E	S
At Total Depth	1200 FSL	1520 FWL	SESW	18	10.0 S	18.0 E	S
COUNTY UINTAH	DISTANCE TO NEAREST LEASE LINE (Feet) 1200						
DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 5000	PROPOSED DEPTH MD: TVD:						

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
L2	6.125	4.5	0 - 9567	11.6	N-80 LT&C	9.5	No Used	0	0.0	0.0

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DS 14G7-10-18
Summarized Drilling Procedure

1. MIRU air rig.
2. Drill 12-1/4" hole to 450' on air.
3. Run and cement 9-5/8" 36# J-55 STC.
4. RDMO air rig.
5. MIRU drilling rig.
6. NU and test rig's 3M BOPE
7. Drill 8-3/4" hole with water based mud to 4,420'
8. Log with triple combo.
9. RIH with 7" 26# N-80 LTC casing and cement.
10. Drill out of 7" casing with 6 1/8" bit.
11. Start building curve at 4,500' to land in C Lime
12. Cont drilling lateral to TD at 8,990 MD / 5,121' TVD / 87.8 deg INC / 13.7 deg AZ
13. RIH with 4-1/2" 11.6# N-80 LTC slotted liner. TOL at 4,395'.
14. RIH and set RBP at 4,382'. Orient and set whipstock on RBP.
15. Mill window and build 6 1/8" curve to land in C Lime.
16. Cont drilling lateral to TD at 9,576' MD / 4,797' TVD / 91.9 deg INC / 178.5 deg AZ
17. RIH with 4-1/2" 11.6# N-80 LTC slotted liner. TOL at 4,383', 5' outside window.
18. Set RBP at +/- 4,000'.
19. RDMO drilling rig.
20. Release location to completions.

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DS 14G7-10-18

SHL: 784' FSL & 1,395' FWL Section 7 T10S R18E

BHL 1: 400' FNL & 2,400' FWL Section 7 T10S R18E

BHL 2: 1,200' FSL & 1,520' FWL Section 18 T10S R18E

Uintah County, Utah

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:

Formation	NNE Lateral #1:	
	Depth, MD (ft)	Depth, TVD (ft)
Uinta	Surface	Surface
Green River	989	989
Garden Gulch Member	2712	2712
KOP	4500	4500
Uteland Butte Member	4811	4789
C Lime Top	5193	4974
TD	8990	5121

Formation	S Lateral #2:	
	Depth, MD (ft)	Depth, TVD (ft)
Uinta	Surface	Surface
Green River	989	989
Garden Gulch Member	2712	2712
KOP	4370	4370
Uteland Butte Member	4827	4780
C Lime Top	5243	4939
TD	9567	4797

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

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

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BHL 2: 1,200' FSL & 1,520' FWL Section 18 T10S R18E

Uintah County, Utah

NNE Lateral #1:

<u>Substance</u>	<u>Formation</u>	<u>Depth, MD</u>	<u>Depth, TVD</u>
Oil/Gas	Uteland Butte	4,811'	4,789'

South Lateral #2:

<u>Substance</u>	<u>Formation</u>	<u>Depth, MD</u>	<u>Depth, TVD</u>
Oil/Gas	Uteland Butte	4,827'	4,780'

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) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). 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 LaPoint Recycling and Storage in Section 12, T5S R19E of Uintah County, UT or Red Wash Disposal site; SESE, Section 28, T7S, R23E or West End Disposal Site; NESE, Section 28, T7S, R22E.

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.

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DS 14G7-10-18

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BHL 1: 400' FNL & 2,400' FWL Section 7 T10S R18E

BHL 2: 1,200' FSL & 1,520' FWL Section 18 T10S R18E

Uintah County, Utah

4. Casing Program

Hole Size	Casing Size	Top, MD	Bottom, MD	Weight, lb/ft	Grade	Thread	Condition	MW
20"	16"	sfc	40	Steel			New	N/A
12 1/4"	9 5/8"	sfc	450	36.0	J-55	STC	New	Air
8 3/4"	7"	sfc	4420	26.0	N-80	LTC	New	9.5
6 1/8"	4 1/2"	4,395'	8990	11.6	N-80	LTC	New	9.5
6 1/8"	4 1/2"	4,383'	9567	11.6	N-80	LTC	New	9.5

Casing Strengths						
Size (in)	Weight (ppf)	Grade	CXN	Collapse (psi)	Burst (psi)	Tensile (lbs)
9 5/8"	36	J-55	STC	2020	3520	394000
7"	26	N-80	LTC	5410	7240	519000
4 1/2"	11.6	N-80	LTC	6350	7780	223000

*The lateral(s) will be lined with slotted liner and left uncemented.

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

MINIMUM DESIGN FACTORS*:

*The casing listed meets or exceeds the following design factors.

COLLAPSE: 1.6

BURST: 1.6

TENSION: 1.8

Area Fracture Gradient: 0.7 psi/foot

Maximum anticipated mud weight: 9.5 ppg

Maximum surface treating pressure: 4,000 psi

5. 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

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BHL 2: 1,200' FSL & 1,520' FWL Section 18 T10S R18E

Uintah County, Utah

D. Fully 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.

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

The 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.

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 9.5 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.

6. **Cementing Program**

16" Conductor:

Cement to surface with construction cement

9-5/8" Surface Casing: 0' – 450' (MD)

Lead/Tail Slurry: 0' – 450'. 170 sks (282 cu ft) Rockies LT cement. Slurry wt: 13.5 ppg, Slurry yield: 1.81 ft³/sk, Slurry volume: 12-1/4" hole + 100% excess.

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DS 14G7-10-18

SHL: 784' FSL & 1,395' FWL Section 7 T10S R18E

BHL 1: 400' FNL & 2,400' FWL Section 7 T10S R18E

BHL 2: 1,200' FSL & 1,520' FWL Section 18 T10S R18E

Uintah County, Utah

7" Production Casing: 0' – 4,420' (MD)

Lead Slurry: 0' – 3,420'. 330 sks (968 cu ft) Halliburton Light Cement. Slurry weight: 11.0 ppg, Slurry yield: 2.95 ft³/sk, Slurry volume: 8.75" hole + 100% excess in open hole.

Tail Slurry: 3,420' – 4,420'. 190 sks (272 cu ft) 50/50 Poz Premium. Slurry wt: 13.5 ppg, Slurry yield: 1.24 ft³/sk, Slurry volume: 8-3/4" hole + 75% excess.

NNE Lateral #1: 4,395' – 8,990'

Uncemented slotted liner.

South Lateral #2: 4,383' – 9,567'

Uncemented slotted liner.

7. Testing, Logging, and Coring Program

- A. Cores – None Anticipated
- B. DST – None Anticipated
- C. Logging:
 - i. Mud logging from 1,000' to TD
 - ii. Triple combo from BSC to ICP deg INC
 - iii. 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 H₂S 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 2,530 psi. Maximum anticipated bottom hole temperature is approximately 140°F.

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DS 14G7-10-18

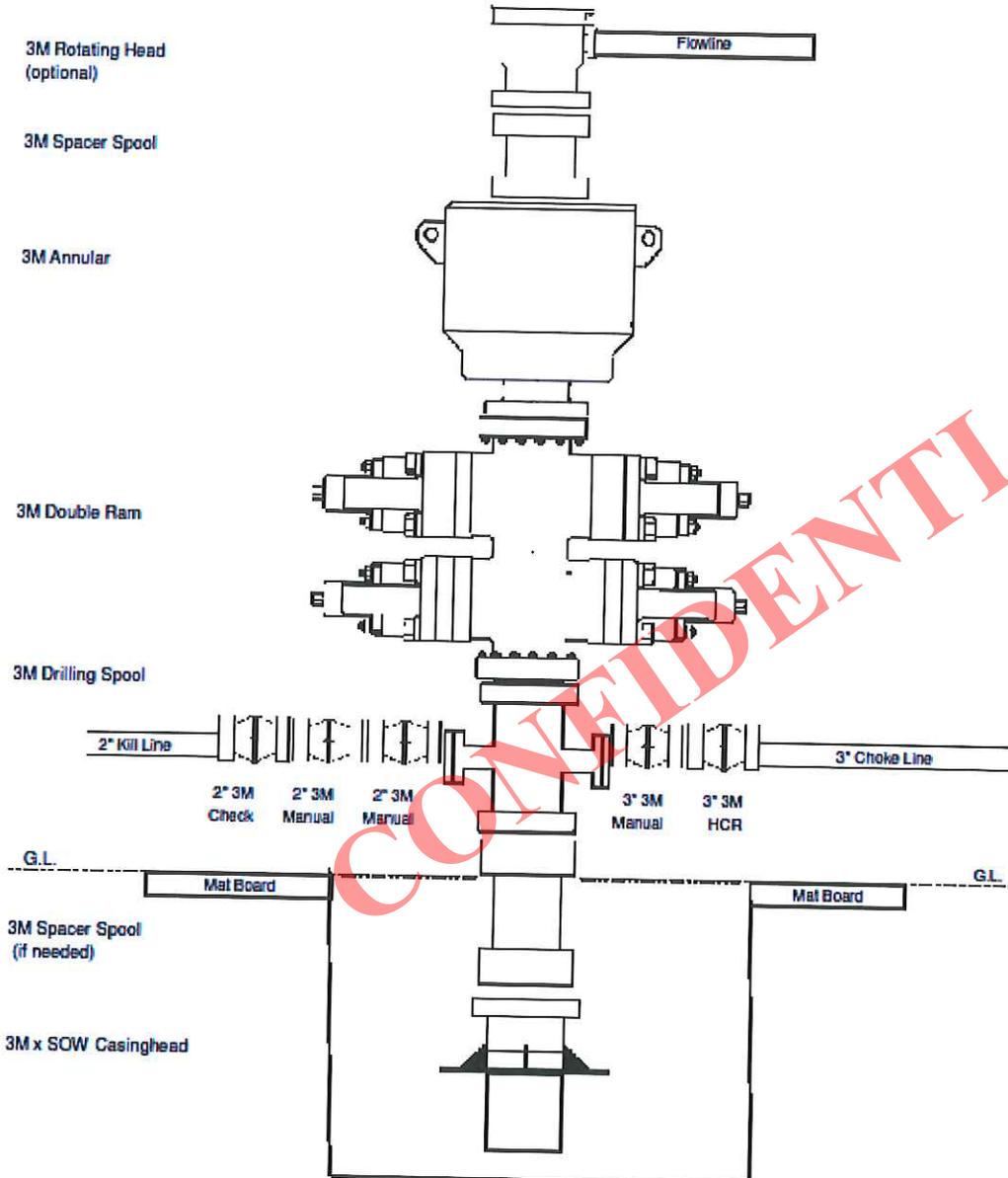
SHL: 784' FSL & 1,395' FWL Section 7 T10S R18E

BHL 1: 400' FNL & 2,400' FWL Section 7 T10S R18E

BHL 2: 1,200' FSL & 1,520' FWL Section 18 T10S R18E

Uintah County, Utah

**3M BOP x 3M Annular
Minimum Requirements**



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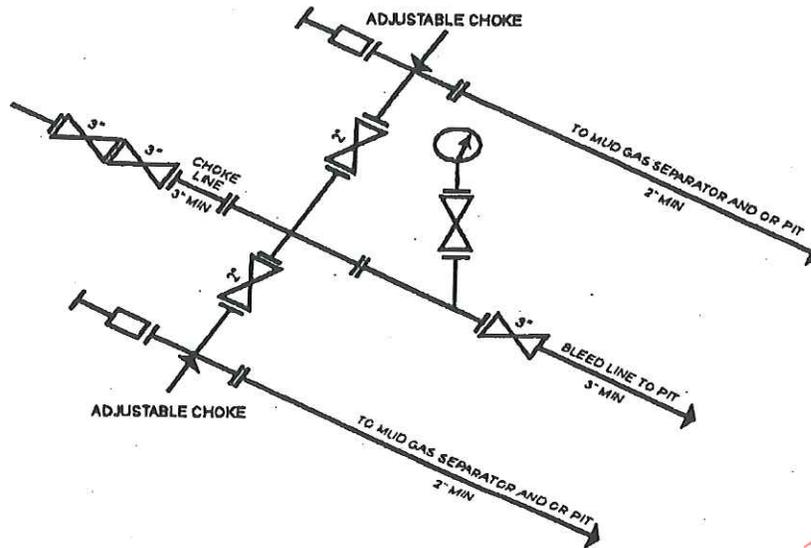
DS 14G7-10-18

SHL: 784' FSL & 1,395' FWL Section 7 T10S R18E

BHL 1: 400' FNL & 2,400' FWL Section 7 T10S R18E

BHL 2: 1,200' FSL & 1,520' FWL Section 18 T10S R18E

Uintah County, Utah



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

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**Proposed
DS 14G7-10-18**

SHL: 784' FSL & 1,395' FWL Section 7 T10S R18E

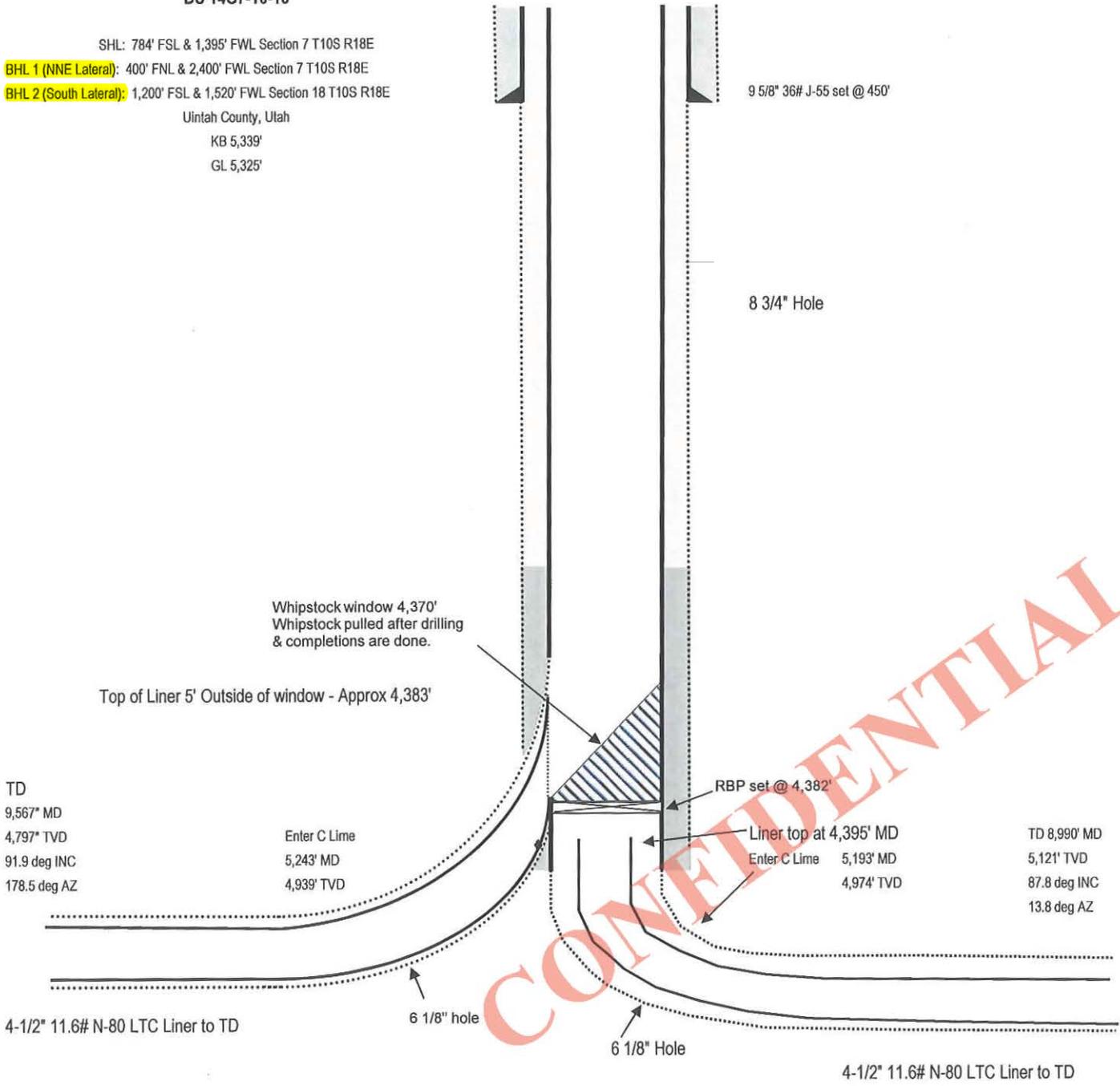
BHL 1 (NNE Lateral): 400' FNL & 2,400' FWL Section 7 T10S R18E

BHL 2 (South Lateral): 1,200' FSL & 1,520' FWL Section 18 T10S R18E

Uintah County, Utah

KB 5,339'

GL 5,325'



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

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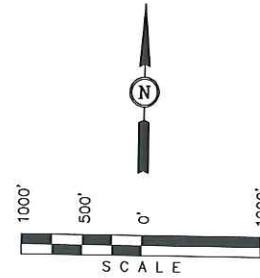
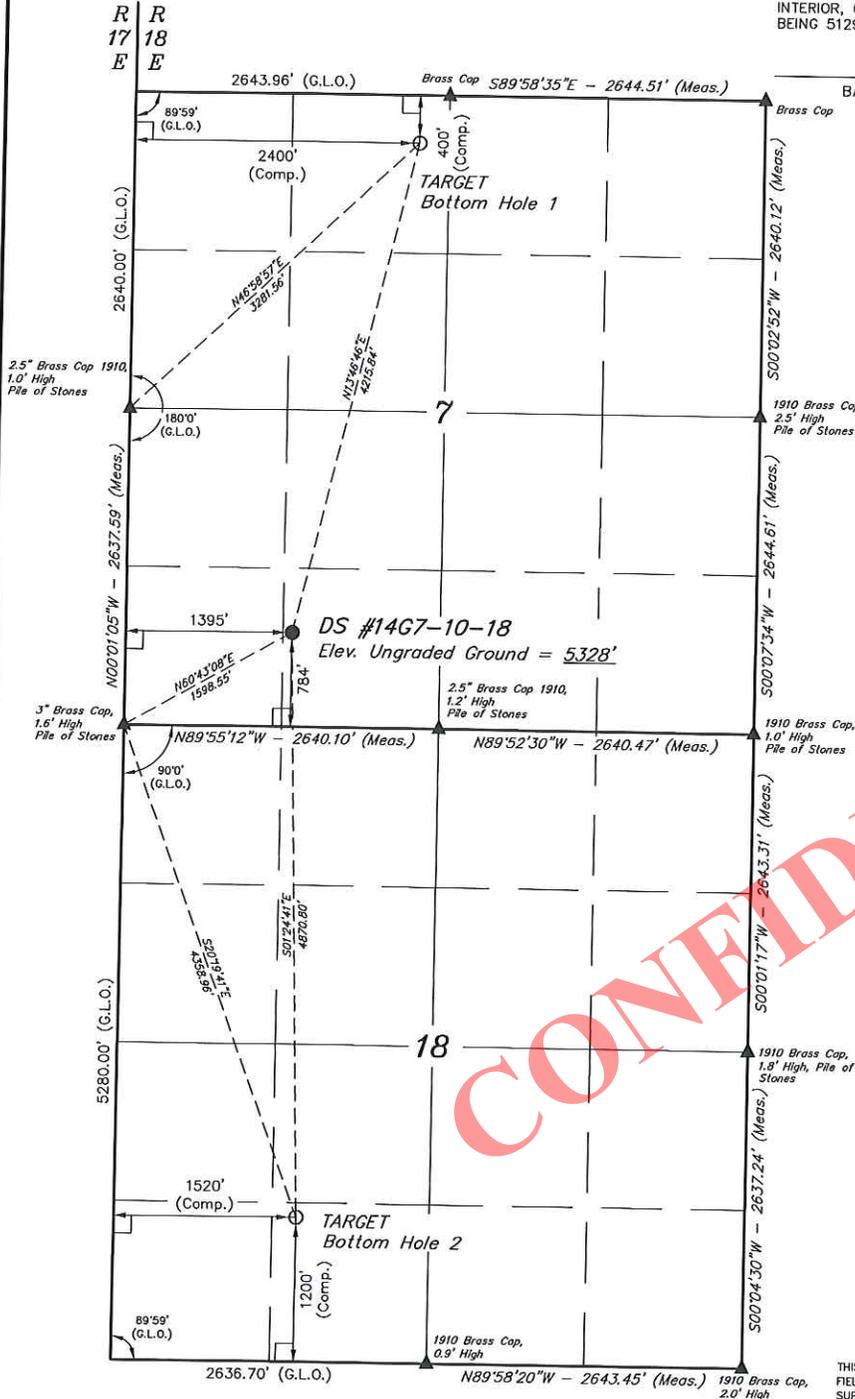
Well location, DS #14G7-10-18, located as shown in the SE 1/4 SW 1/4 of Section 7, T10S, R18E, S.L.B.&M., Uintah County, Utah.

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.



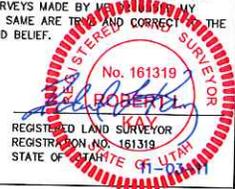
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LEGEND:

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

CERTIFICATE

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



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

NAD 83 (TARGET BOTTOM HOLE 1)	NAD 83 (TARGET BOTTOM HOLE 2)	NAD 83 (SURFACE LOCATION)
LATITUDE = 39°57'52.60" (39.964611)	LATITUDE = 39°56'24.03" (39.940008)	LATITUDE = 39°57'12.14" (39.953372)
LONGITUDE = 109°56'13.24" (109.937011)	LONGITUDE = 109°56'24.50" (109.940139)	LONGITUDE = 109°56'26.09" (109.940581)
NAD 27 (TARGET BOTTOM HOLE 1)	NAD 27 (TARGET BOTTOM HOLE 2)	NAD 27 (SURFACE LOCATION)
LATITUDE = 39°57'52.73" (39.964647)	LATITUDE = 39°56'24.16" (39.940044)	LATITUDE = 39°57'12.27" (39.953408)
LONGITUDE = 109°56'10.71" (109.936308)	LONGITUDE = 109°56'13.24" (109.937011)	LONGITUDE = 109°56'23.56" (109.939878)

SCALE 1" = 1000'	DATE SURVEYED: 09-13-11	DATE DRAWN: 09-16-11
PARTY A.F. M.H. C.A.C.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE QEP ENERGY COMPANY	

QEP ENERGY COMPANY

DS #14G7-10-18

LOCATED IN UINTAH COUNTY, UTAH
SECTION 7, T10S, R18E, S.L.B.&M.

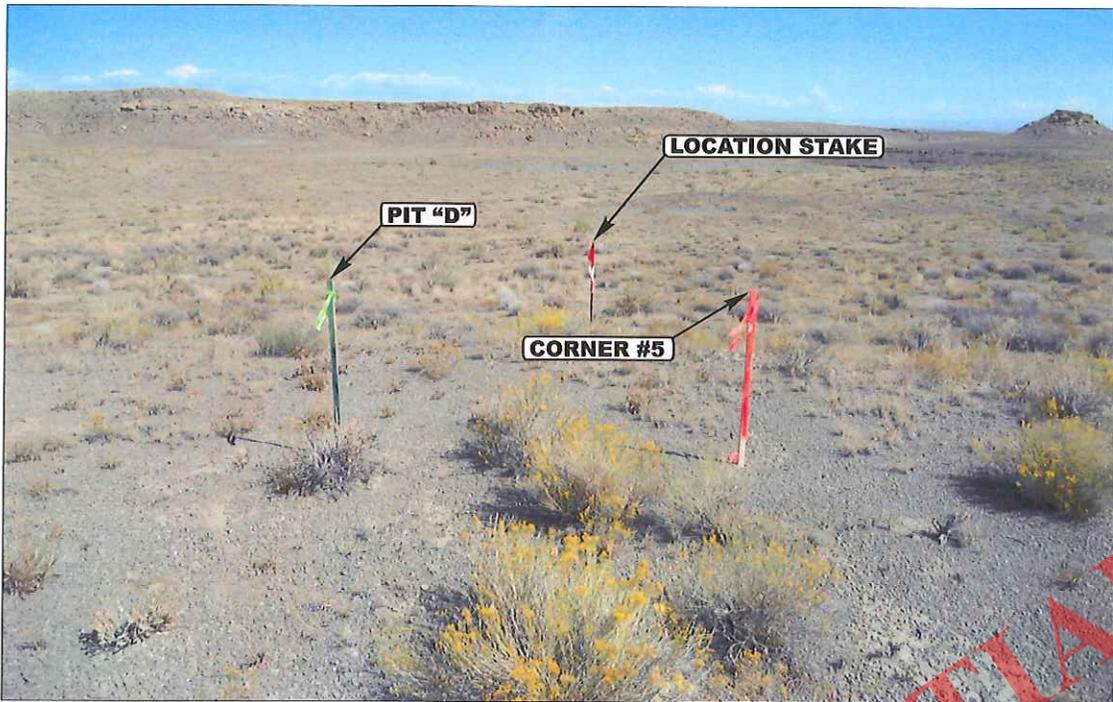


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHWESTERLY



- Since 1964 -

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

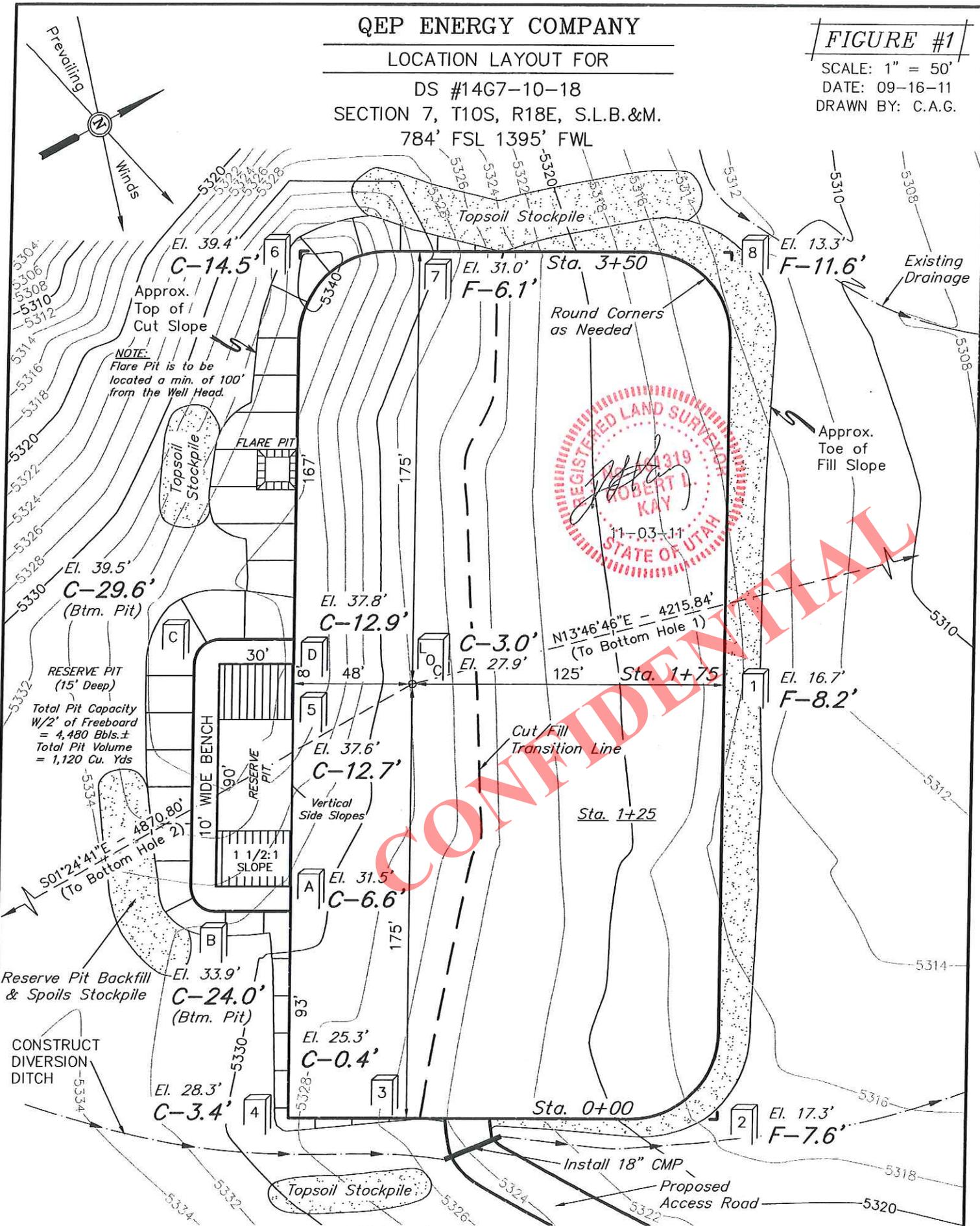
LOCATION PHOTOS	09	15	11	PHOTO
	MONTH	DAY	YEAR	
TAKEN BY: A.F.	DRAWN BY: J.L.G.		REVISED: 00-00-00	

QEP ENERGY COMPANY

LOCATION LAYOUT FOR
 DS #14G7-10-18
 SECTION 7, T10S, R18E, S.L.B.&M.
 784' FSL 1395' FWL

FIGURE #1

SCALE: 1" = 50'
 DATE: 09-16-11
 DRAWN BY: C.A.G.



REGISTERED LAND SURVEYOR
 4319
 ROBERT L. KAY
 11-03-11
 STATE OF UTAH

Elev. Ungraded Ground At Loc. Stake = 5327.9'
 FINISHED GRADE ELEV. AT LOC. STAKE = 5324.9'

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

QEP ENERGY COMPANY

TYPICAL CROSS SECTIONS FOR

DS #14G7-10-18

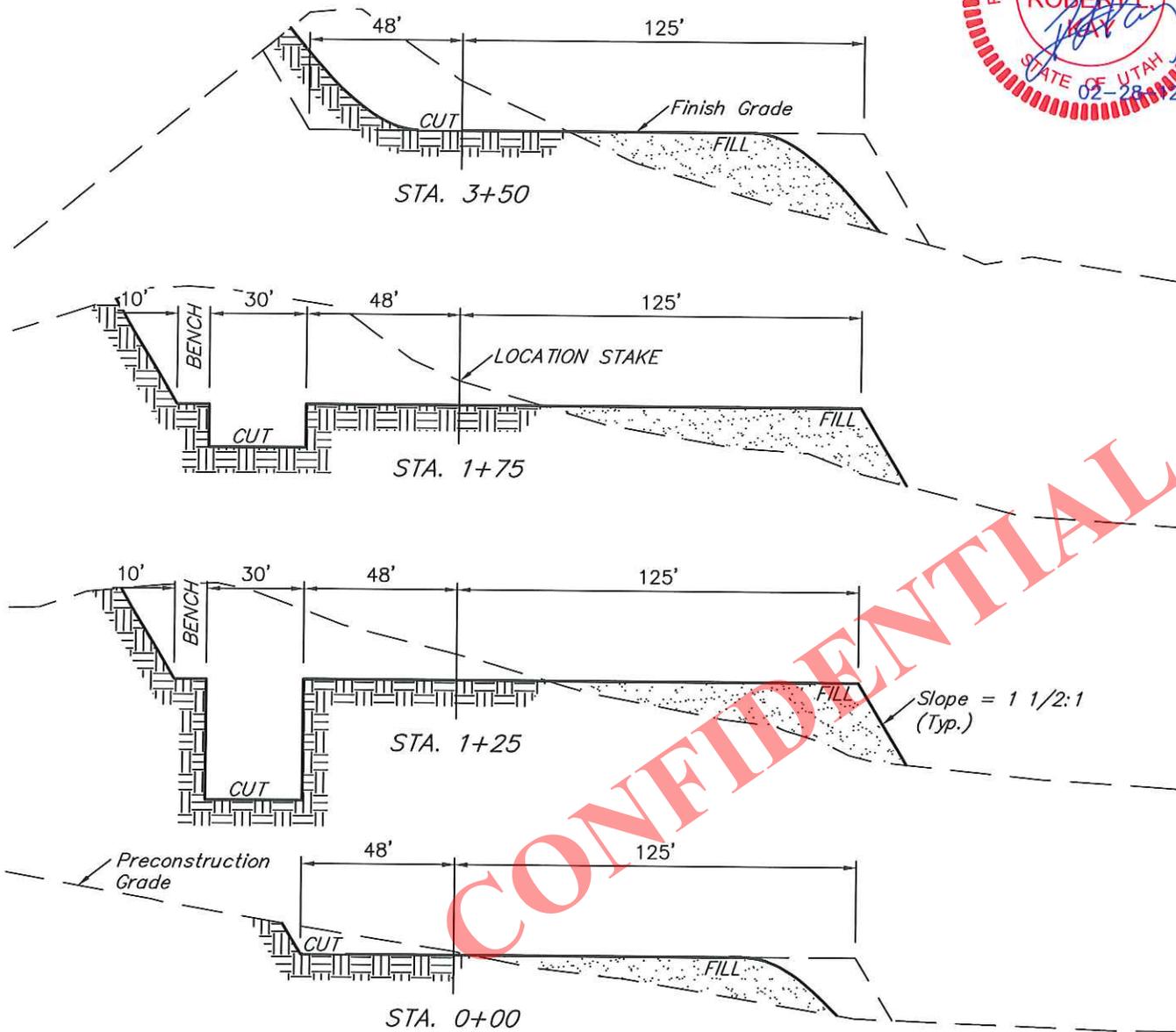
SECTION 7, T10S, R18E, S.L.B.&M.

784' FSL 1395' FWL

FIGURE #2



X-Section Scale
1" = 50'
DATE: 09-16-11
DRAWN BY: C.A.G.
REVISED: 02-28-12



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NOTE:

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

<u>APPROXIMATE ACREAGES</u>	
WELL SITE DISTURBANCE	= ± 1.956 ACRES
ACCESS ROAD DISTURBANCE	= ± 0.531 ACRES
TOTAL	= ± 2.487 ACRES

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping	= 1,560 Cu. Yds.
Remaining Location	= 8,740 Cu. Yds.
TOTAL CUT	= 10,300 CU.YDS.
FILL	= 8,180 CU.YDS.

EXCESS MATERIAL	= 2,120 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,120 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	= 0 Cu. Yds.

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

QEP ENERGY COMPANY

TYPICAL RIG LAYOUT FOR

DS #14G7-10-18
SECTION 7, T10S, R18E, S.L.B.&M.
784' FSL 1395' FWL

FIGURE #3

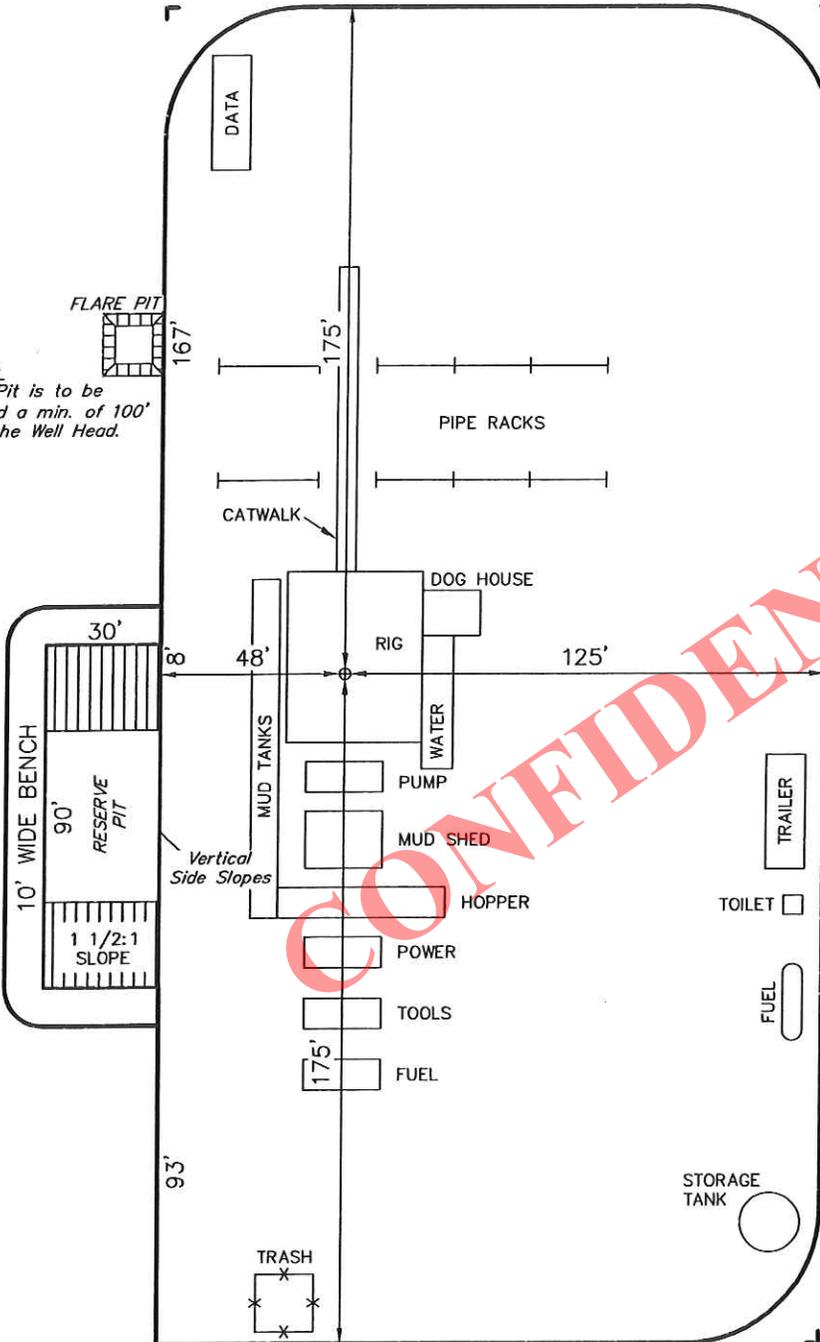
SCALE: 1" = 50'

DATE: 09-16-11

DRAWN BY: C.A.G.



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

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QEP ENERGY COMPANY

PRODUCTION FACILITY LAYOUT FOR

DS #14G7-10-18

SECTION 7, T10S, R18E, S.L.B.&M.

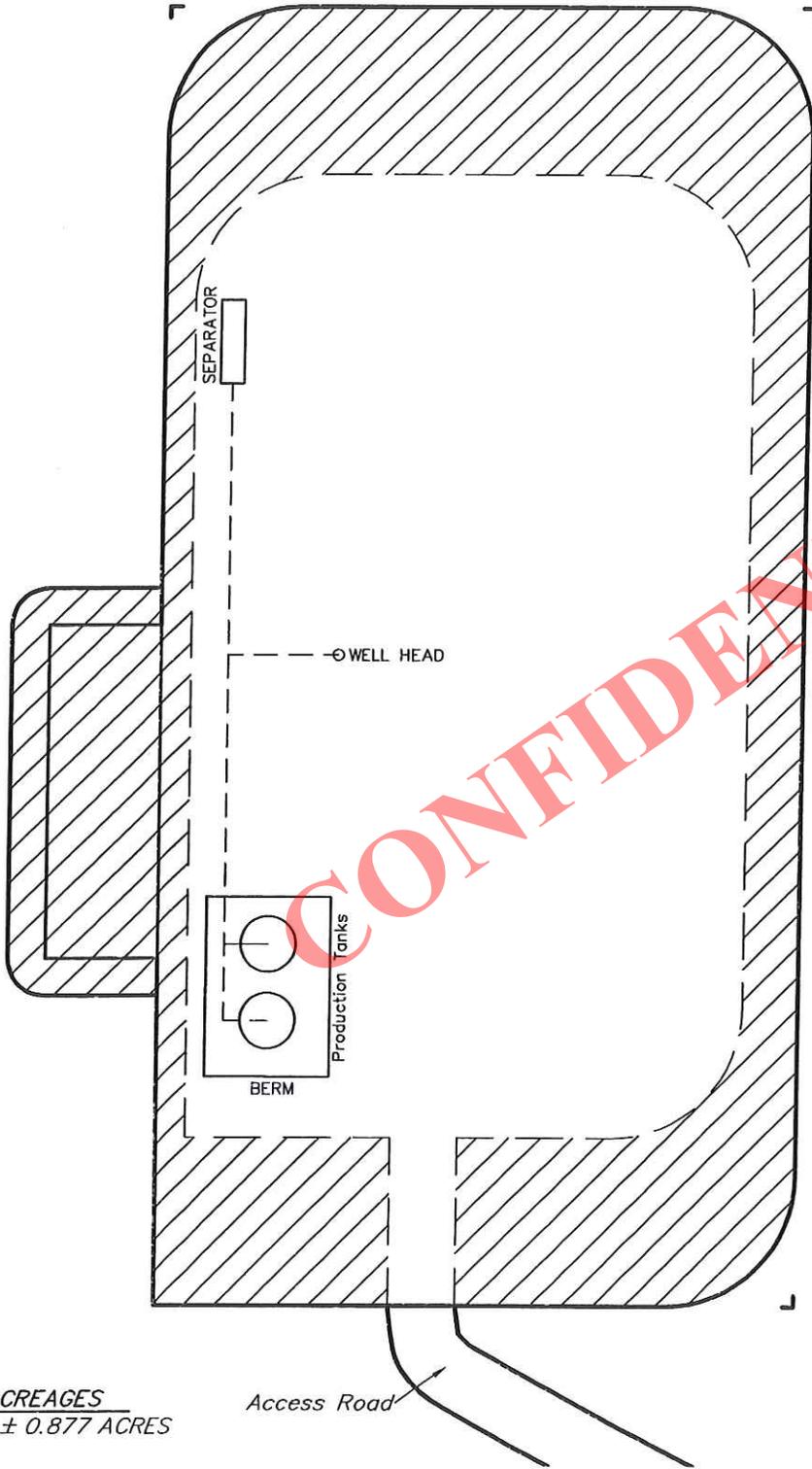
784' FSL 1395' FWL

FIGURE #4

SCALE: 1" = 50'

DATE: 09-16-11

DRAWN BY: C.A.G.



APPROXIMATE ACREAGES
UN-RECLAIMED = ± 0.877 ACRES

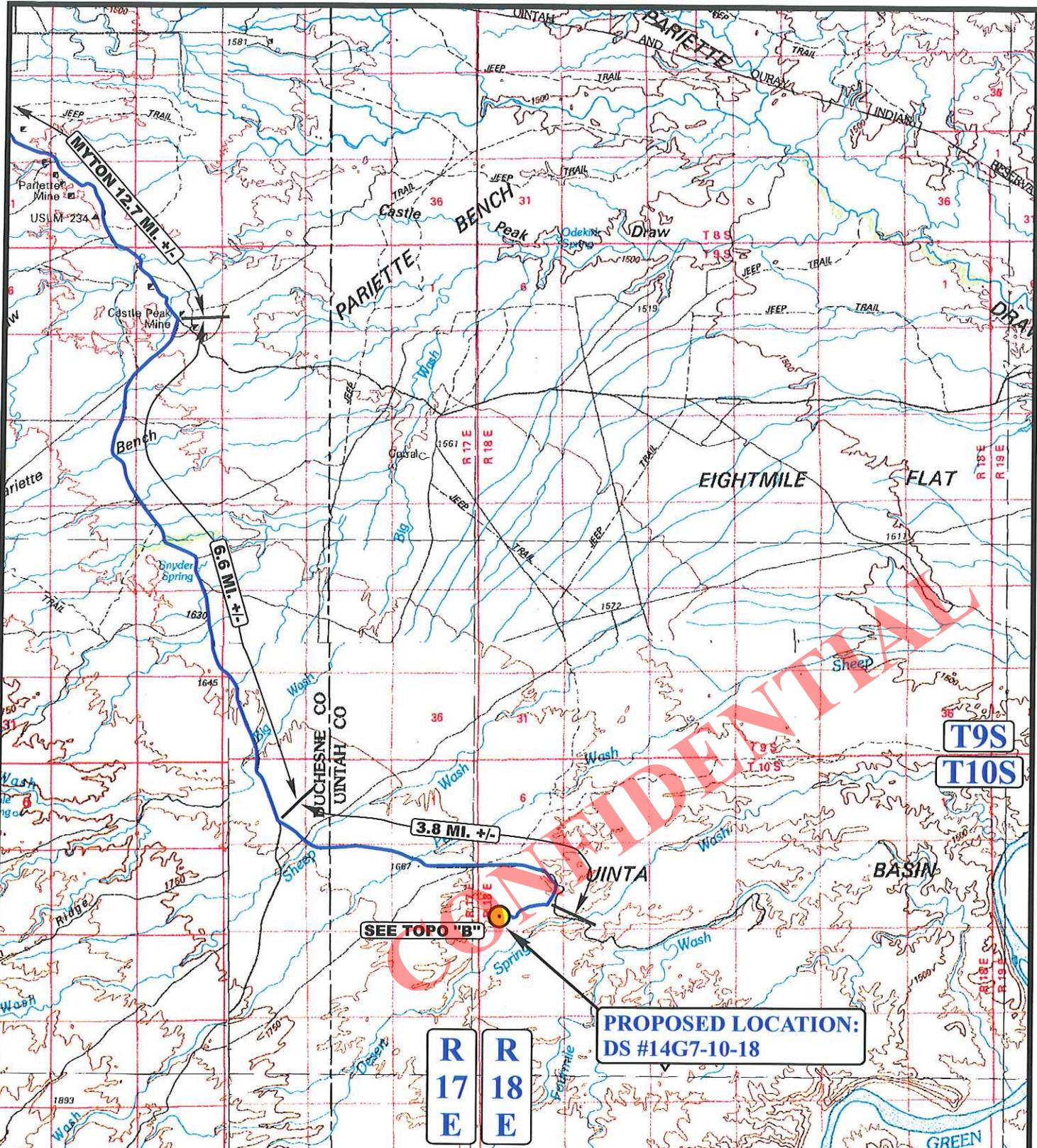
 RECLAIMED AREA

QEP ENERGY COMPANY
DS #14G7-10-18
SECTION 7, 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 DIRECTION APPROXIMATELY 3.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE BEGINNING OF THE PROPOSED ACCESS ROAD TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY DIRECTION APPROXIMATELY 771' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM MYTON, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 23.7 MILES.

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LEGEND:

PROPOSED LOCATION



QEP ENERGY COMPANY

DS #14G7-10-18
SECTION 7, T10S, R18E, S.L.B.&M.
784' FSL 1395' FWL

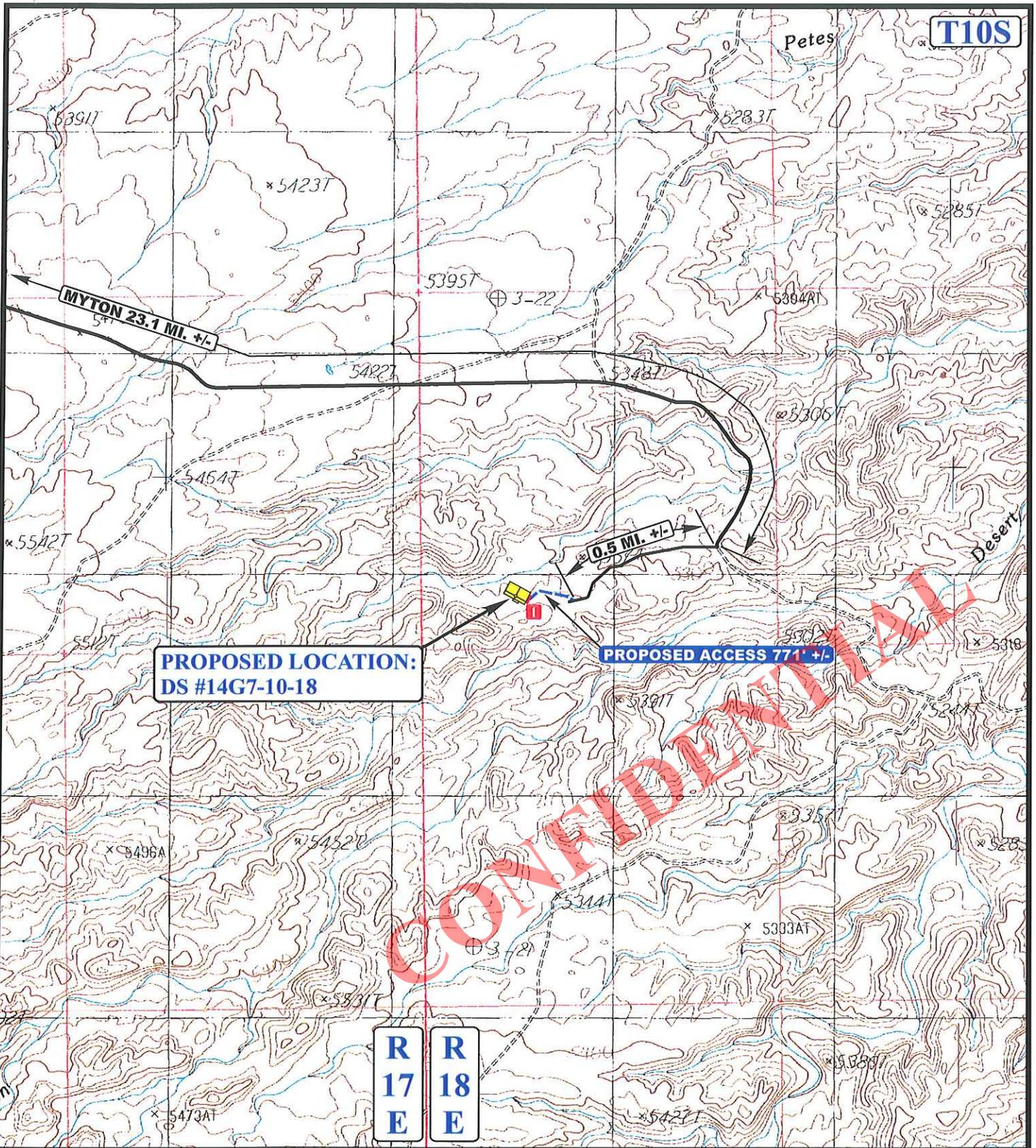
UEIS
Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

ACCESS ROAD MAP

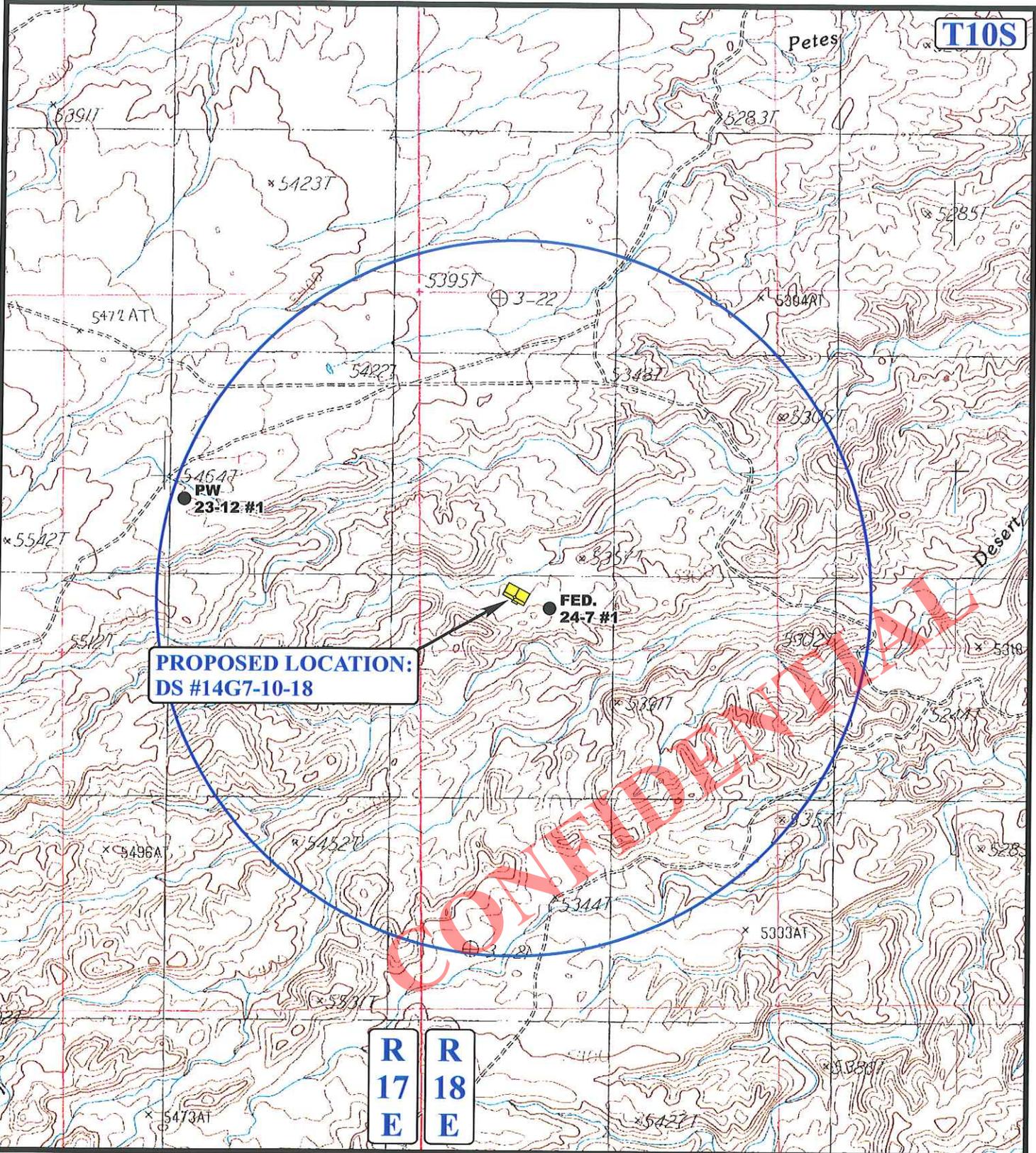
09	15	11
MONTH	DAY	YEAR

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

A
TOPO



LEGEND:		QEP ENERGY COMPANY									
	EXISTING ROAD	DS #14G7-10-18 SECTION 7, T10S, R18E, S.L.B.&M. 784' FSL 1395' FWL									
	PROPOSED ACCESS ROAD										
	18" CMP REQUIRED	<table border="1"> <tr> <td style="text-align: center;">ACCESS ROAD</td> <td style="text-align: center;">09</td> <td style="text-align: center;">15</td> <td style="text-align: center;">11</td> </tr> <tr> <td style="text-align: center;">MAP</td> <td style="text-align: center;">MONTH</td> <td style="text-align: center;">DAY</td> <td style="text-align: center;">YEAR</td> </tr> </table>		ACCESS ROAD	09	15	11	MAP	MONTH	DAY	YEAR
ACCESS ROAD	09	15	11								
MAP	MONTH	DAY	YEAR								
Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 (435) 789-1017 * FAX (435) 789-1813		<table border="1"> <tr> <td>SCALE: 1" = 2000'</td> <td>DRAWN BY: J.L.G.</td> <td>REVISED: 00-00-00</td> <td style="text-align: center;">B</td> </tr> <tr> <td colspan="3"></td> <td style="text-align: center;">TOPO</td> </tr> </table>		SCALE: 1" = 2000'	DRAWN BY: J.L.G.	REVISED: 00-00-00	B				TOPO
SCALE: 1" = 2000'	DRAWN BY: J.L.G.	REVISED: 00-00-00	B								
			TOPO								



**PROPOSED LOCATION:
DS #14G7-10-18**

**R
17
E** **R
18
E**

LEGEND:

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



QEP ENERGY COMPANY

**DS #14G7-10-18
SECTION 7, T10S, R18E, S.L.B.&M.
784' FSL 1395' FWL**

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

TOPOGRAPHIC MAP **09 15 11**
MONTH DAY YEAR

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

C
TOPO

QEP ENERGY COMPANY
REFERENCE MAP: AREA OF VEGETATION
DS #14G7-10-18
LOCATED IN UINTAH COUNTY, UTAH
SECTION 7, T10S, R18E, S.L.B.&M.

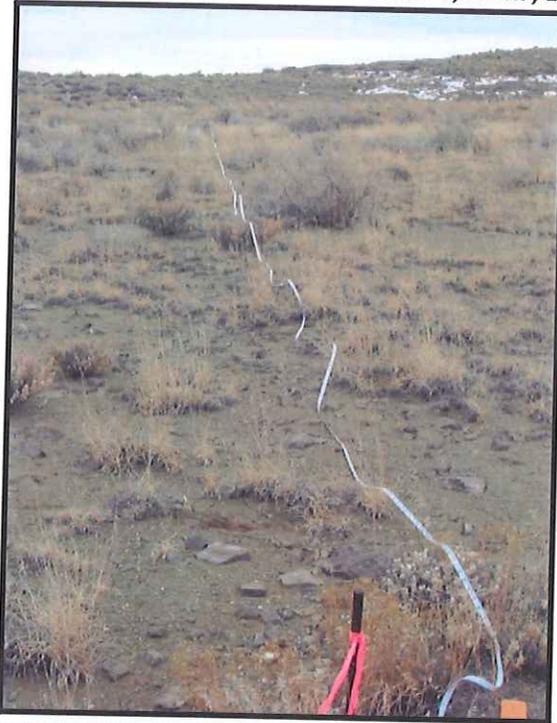
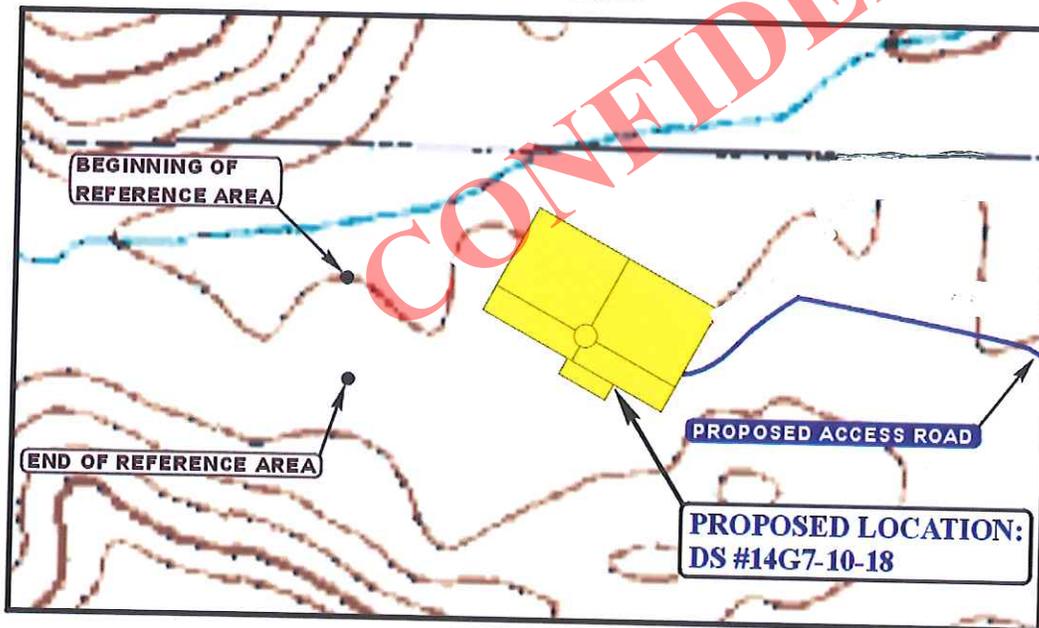


PHOTO: VIEW FROM BEGINNING OF REFERENCE AREA

NOTE:

BEGINNING OF REFERENCE AREA
NAD 83 Z12 UTM NORTHING: 14511566.234
NAD 83 Z12 UTM EASTING: 1936919.846
(NAD 83) LATITUDE: 39.953556
(NAD 83) LONGITUDE: -109.941278

END OF REFERENCE AREA
NAD 83 Z12 UTM NORTHING: 14511394.275
NAD 83 Z12 UTM EASTING: 1936921.886
(NAD 83) LATITUDE: 39.953083
(NAD 83) LONGITUDE: -109.941278



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

- Since 1964 -

SCALE: 1" = 300'

02 23 12
MONTH DAY YEAR

REF.

TAKEN BY: G.S. | DRAWN BY: J.L.G. | REVISED: 00-00-00



QEP Energy Company

QEP ENERGY (UT)

Desert Springs

DS 14G7-10-18

DS 14G7-10-18

Lateral #1

Plan: Plan ver.0

Standard Planning Report

08 February, 2012

CONFIDENTIAL



QEP Energy Company



QEP Resources, Inc.
Planning Report



Database:	EDMDB_QEP	Local Co-ordinate Reference:	Well DS 14G7-10-18
Company:	QEP ENERGY (UT)	TVD Reference:	RKB @ 5338.90usft (EST. RKB)
Project:	Desert Springs	MD Reference:	RKB @ 5338.90usft (EST. RKB)
Site:	DS 14G7-10-18	North Reference:	True
Well:	DS 14G7-10-18	Survey Calculation Method:	Minimum Curvature
Wellbore:	Lateral #1		
Design:	Plan ver.0		

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	DS 14G7-10-18		
Site Position:		Northing:	7,155,550.183 usft
From:	Lat/Long	Easting:	2,077,539.884 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	39.953372
		Longitude:	-109.940581
		Grid Convergence:	1.00 °

Well	DS 14G7-10-18		
Well Position	+N/-S	-0.03 usft	Northing: 7,155,550.158 usft
	+E/-W	0.00 usft	Easting: 2,077,539.884 usft
Position Uncertainty		0.00 usft	Wellhead Elevation: 5,324.90 usft
			Latitude: 39.953372
			Longitude: -109.940581
			Ground Level: 5,324.90 usft

Wellbore	Lateral #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2/8/2012	11.17	65.73	52,175

Design	Plan ver.0			
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	13.73

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	
4,500.02	0.00	0.00	4,500.02	0.00	0.00	0.00	0.00	0.00	0.00	
5,231.69	87.80	13.73	4,977.14	446.01	109.00	12.00	12.00	0.00	13.73	
8,990.00	87.80	13.73	5,121.41	4,094.19	1,000.54	0.00	0.00	0.00	0.00	DS 14G7-10-18 Target

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
4,500.02	0.00	0.00	4,500.02	0.00	0.00	0.00	0.00	0.00	0.00
5,231.69	87.80	13.73	4,977.14	446.01	109.00	459.14	12.00	12.00	0.00
8,990.00	87.80	13.73	5,121.41	4,094.19	1,000.54	4,214.67	0.00	0.00	0.00



QEP Resources, Inc.
Planning Report



Database:	EDMDB_QEP	Local Co-ordinate Reference:	Well DS 14G7-10-18
Company:	QEP ENERGY (UT)	TVD Reference:	RKB @ 5338.90usft (EST. RKB)
Project:	Desert Springs	MD Reference:	RKB @ 5338.90usft (EST. RKB)
Site:	DS 14G7-10-18	North Reference:	True
Well:	DS 14G7-10-18	Survey Calculation Method:	Minimum Curvature
Wellbore:	Lateral #1		
Design:	Plan ver.0		

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
DS 14G7-10-18 Target # - hit/miss target - Shape - Point	2.20	13.73	5,121.41	4,094.19	1,000.54	7,159,660.760	2,078,468.806	39.964611	-109.937011

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")	
450.00	450.00	9 5/8"	9-5/8	12-1/4	
4,420.00	4,420.00	7"	7	8-3/4	

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
989.00	989.00	Green River fm		0.00		
2,712.00	2,712.00	Garden Gulch mbr		0.00		
4,811.36	4,789.76	Uteland Butte Member		2.20	13.73	
5,193.87	4,974.19	C Lime top		2.20	13.73	

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Company Name: QEP ENERGY (UT)



Azimuths to True North
Magnetic North: 11.77°
Magnetic Field
Strength: 52174.7nT
Dip Angle: 65.73°
Date: 2/8/2012
Model: IGRF2010

Project: Desert Springs
Site: DS 14G7-10-18
Well: DS 14G7-10-18
Wellbore: Lateral #1
Design: Plan ver.0

WELL DETAILS: DS 14G7-10-18							REFERENCE INFORMATION			PROJECT DETAILS: Desert Springs		
Ground Level: 5324.90							Coordinate (NE) Reference: Well DS 14G7-10-18, True North			Geodetic System: US State Plane 1983		
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot	Vertical (TVD) Reference: RKB @ 5338.90usft (EST. RKB)			Datum: North American Datum 1983		
0.00	0.00	7155550.158	2077539.884	39.953372	-109.940581		Section (VS) Reference: Slot - (0.00N, 0.00E)			Ellipsoid: GRS 1980		
							Measured Depth Reference: RKB @ 5338.90usft (EST. RKB)			Zone: Utah Central Zone		
							Calculation Method: Minimum Curvature			System Datum: Mean Sea Level		

SECTION DETAILS

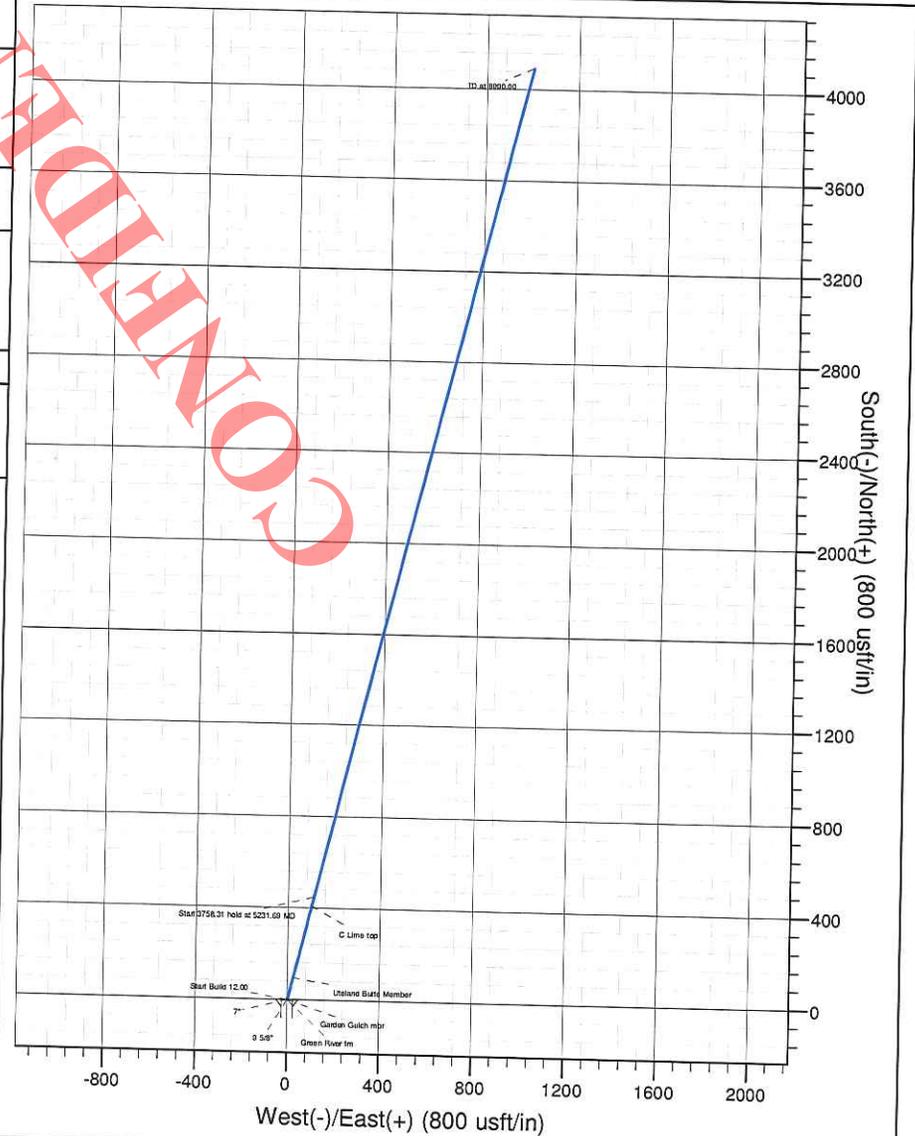
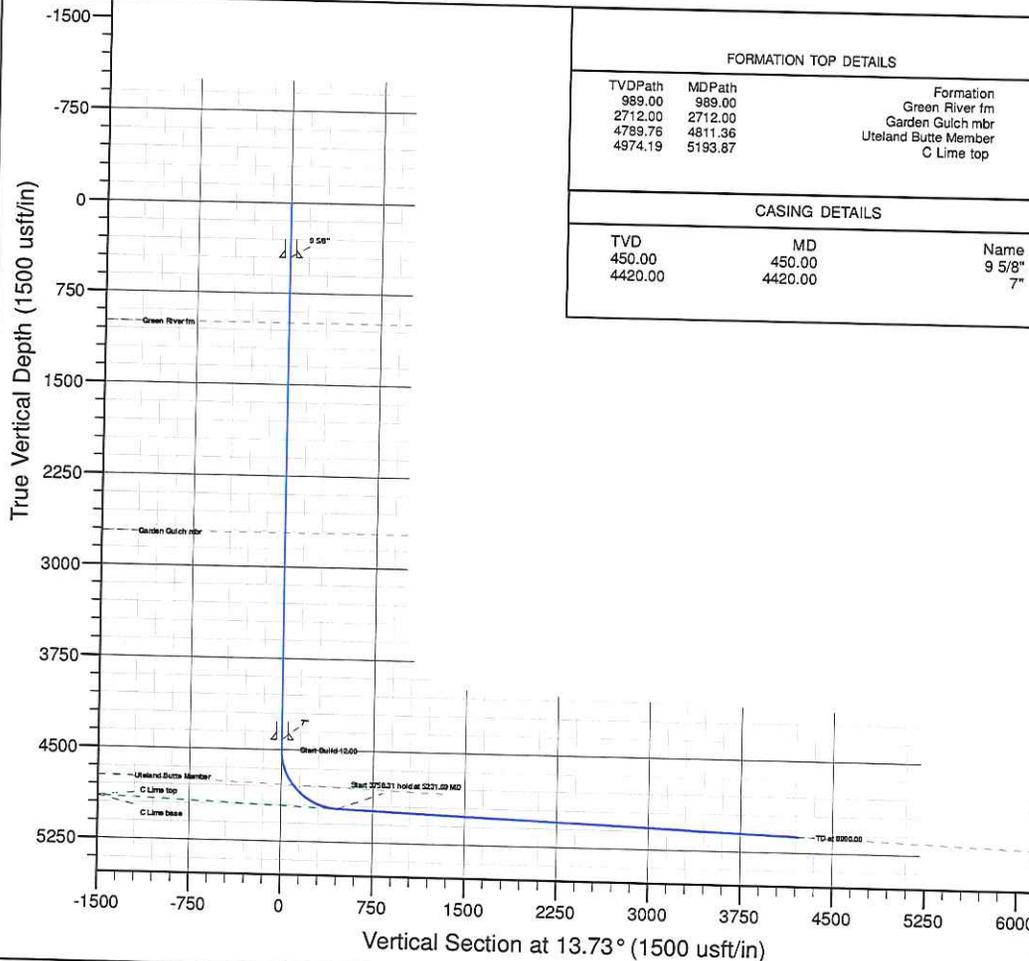
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	VSEct
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4500.02	0.00	0.00	4500.02	0.00	0.00	0.00	0.00
5231.69	87.80	13.73	4977.14	446.01	109.00	12.00	459.14
8990.00	87.80	13.73	5121.41	4094.19	1000.54	0.00	4214.67

FORMATION TOP DETAILS

TVDPPath	MDPath	Formation
989.00	989.00	Green River fm
2712.00	2712.00	Garden Gulch mbr
4789.76	4811.36	Uteland Butte Member
4974.19	5193.87	C Lime top

CASING DETAILS

TVD	MD	Name
450.00	450.00	9 5/8"
4420.00	4420.00	7"



API Well Number: 43047524360000



QEP Energy Company

QEP ENERGY (UT)

Desert Springs

DS 14G7-10-18

DS 14G7-10-18

Lateral #2

Plan: Plan ver.0

Standard Planning Report

08 February, 2012

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QEP Energy Company



QEP Resources, Inc.
Planning Report



Database:	EDMDB_QEP	Local Co-ordinate Reference:	Well DS 14G7-10-18
Company:	QEP ENERGY (UT)	TVD Reference:	RKB @ 5338.90usft (EST. RKB)
Project:	Desert Springs	MD Reference:	RKB @ 5338.90usft (EST. RKB)
Site:	DS 14G7-10-18	North Reference:	True
Well:	DS 14G7-10-18	Survey Calculation Method:	Minimum Curvature
Wellbore:	Lateral #2		
Design:	Plan ver.0		

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	DS 14G7-10-18				
Site Position:		Northing:	7,155,550.183 usft	Latitude:	39.953372
From:	Lat/Long	Easting:	2,077,539.884 usft	Longitude:	-109.940581
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	1.00 °

Well	DS 14G7-10-18					
Well Position	+N/-S	-0.03 usft	Northing:	7,155,550.158 usft	Latitude:	39.953372
	+E/-W	0.00 usft	Easting:	2,077,539.884 usft	Longitude:	-109.940581
Position Uncertainty		0.00 usft	Wellhead Elevation:	5,324.90 usft	Ground Level:	5,324.90 usft

Wellbore	Lateral #2				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2/8/2012	11.17	65.73	52,175

Design	Plan ver.0			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	4,370.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	178.54

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
4,370.00	0.00	0.00	4,370.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,284.68	91.90	178.54	4,939.95	-588.98	14.98	10.05	10.05	0.00	178.54	
9,567.65	91.90	178.54	4,797.95	-4,868.21	123.85	0.00	0.00	0.00	0.00	DS 14G7-10-18 Target

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)	
4,370.00	0.00	0.00	4,370.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,284.68	91.90	178.54	4,939.95	-588.98	14.98	589.17	10.05	10.05	0.00	
9,567.65	91.90	178.54	4,797.95	-4,868.21	123.85	4,869.78	0.00	0.00	0.00	



QEP Resources, Inc.
Planning Report



Database:	EDMDB_QEP	Local Co-ordinate Reference:	Well DS 14G7-10-18
Company:	QEP ENERGY (UT)	TVD Reference:	RKB @ 5338.90usft (EST. RKB)
Project:	Desert Springs	MD Reference:	RKB @ 5338.90usft (EST. RKB)
Site:	DS 14G7-10-18	North Reference:	True
Well:	DS 14G7-10-18	Survey Calculation Method:	Minimum Curvature
Wellbore:	Lateral #2		
Design:	Plan ver.0		

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
DS 14G7-10-18 Target #	0.00	0.00	4,797.95	-4,868.21	123.85	7,150,685.332	2,077,748.563	39.940008	-109.940139
- hit/miss target									
- Shape									
- plan hits target center									
- Point									

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
989.00	989.00	Green River fm		0.00		
2,712.00	2,712.00	Garden Gulch mbr		0.00		
4,827.85	4,780.22	Uteland Butte Member		1.90	358.54	
5,243.36	4,939.83	C Lime top		1.90	358.54	

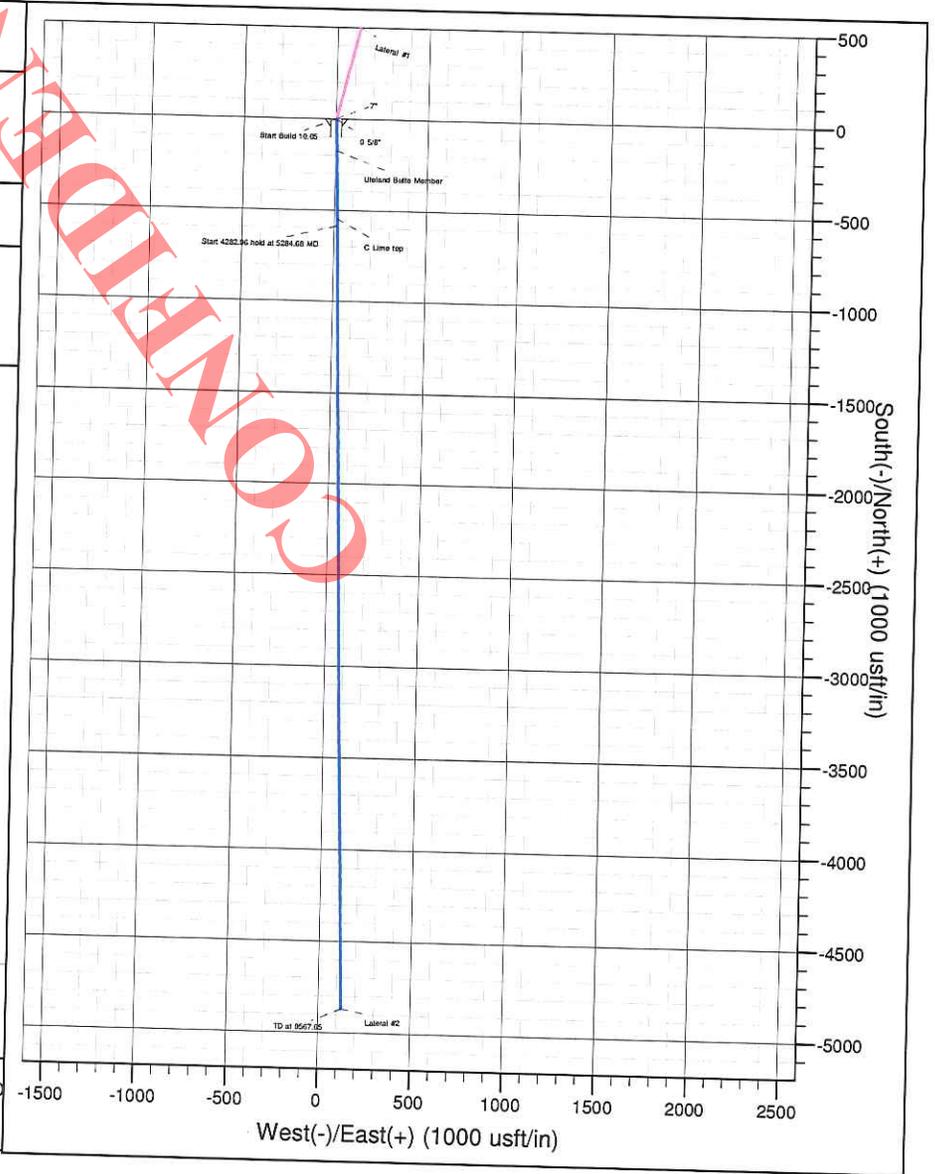
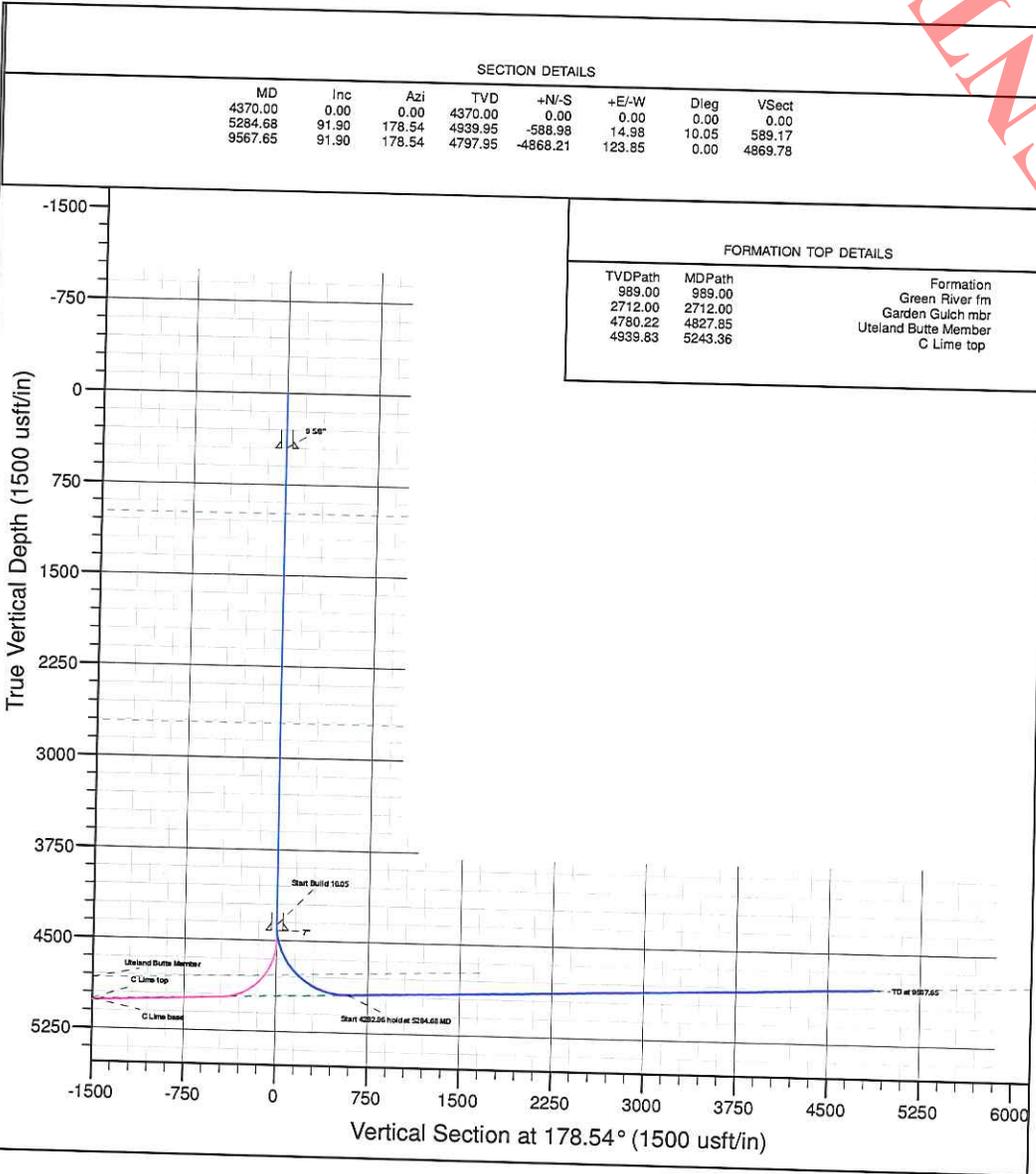
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Company Name: QEP ENERGY (UT)

	Azimuth to True North Magnetic North: 11.17°	Project: Desert Springs Site: DS 14G7-10-18
	Magnetic Field Strength: 52174.7nT Dip Angle: 65.73°	Well: DS 14G7-10-18 Wellbore: Lateral #2
	Date: 2/8/2012 Model: IGRF2010	Design: Plan ver.0

WELL DETAILS: DS 14G7-10-18								REFERENCE INFORMATION		PROJECT DETAILS: Desert Springs	
Ground Level: 5324.90								Coordinate (N/E) Reference: Well DS 14G7-10-18, True North		Geodetic System: US State Plane 1983	
+N-/S	+E-/W	Northing	Easting	Latitude	Longitude	Slot		Vertical (TVD) Reference: RKB @ 5338.90usft (EST. RKB)	Datum: North American Datum 1983		
0.00	0.00	7155550.158	2077539.884	39.953372	-109.940581			Section (VS) Reference: Slot - (0.00N, 0.00E)	Ellipsoid: GRS 1980		
								Measured Depth Reference: RKB @ 5338.90usft (EST. RKB)		Zone: Utah Central Zone	
								Calculation Method: Minimum Curvature		System Datum: Mean Sea Level	



API Well Number: 43047524360000

Additional Operator Remarks

QEP Energy Company proposes to drill the DS 14G7-10-18 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 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

784' FSL, 1395' FWL, SESW, Section 7, T10S, R18E, Lease Number UTU-68387

Lateral 1

400' FNL, 2400' FWL, NENW, Section 7, T10S, R18E, Lease Number UTU-76717

4094.19 Lateral Leg Length @ 13.73 Azimuth (See Attached Drilling Plans)

TD: 8,990' MD

Lateral 2

1200' FSL, 1520' FWL, SESW, Section 18, T10S, R18E, Lease Number UTU-74971

4868.21 Lateral Leg Length @ 178.54 Azimuth (See Attached Drilling Plans)

TD: 9567' MD

CONFIDENTIAL

**QEP ENERGY COMPANY
DS 14G-7-10-18
SESW, SECTION 7, T10S, R18E
UINTAH COUNTY, UT
LEASE # UTU-68387**

MULTI-POINT SURFACE USE & OPERATIONS PLAN

An onsite inspection was conducted for the DS 14G-7-10-18 on February 8, 2012. Weather conditions were chilly 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
Dixie Sadlier	Bureau of Land Management
Jan Nelson	QEP Energy Company
Stephanie Tomkinson	QEP Energy Company
Ryan Angus	QEP Energy Company
Valyn Davis	QEP Energy Company
Gary Streeter	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".

Existing roads will be upgraded, 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.

There will be a new access road approximately 771' in length, 30' in width, containing approximately .531 acres.

New access roads on BLM surface will be crowned (2 to 3%), ditched, and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet. Any additional disturbance required due to intersections or sharp curves will be discussed at the on-site and approved by the State.

Graveling or capping the roadbed will be performed as necessary to provide a well constructed, safe road. Surface disturbance and vehicular traffic will be

limited to the approved location and access route or, as proposed by the Operator.

The road surface and shoulders will be kept in a safe and usable condition and will be maintained in accordance with the original construction standards.

If culverts are needed, the location and size of the culverts will be proposed during the on-site. The operator will clean and maintain approved culverts as needed.

All drainage ditches and culverts will be kept clear and free-flowing and will be maintained according to original construction standards.

The access road disturbed area will be kept free of trash during operations. All traffic will be confined to the approved road running surface. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause excess siltation or accumulation of debris in the drainage nor shall the drainage be blocked by the roadbed.

Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Should mud holes develop, the holes shall be filled in and detours around the holes avoided.

When snow is removed from the road during the winter months, the snow should be pushed outside of the borrow ditches, and the turnouts kept clear so that snowmelt will be channeled away from the road.

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

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/WFO 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,) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). 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. Fresh water may also be obtained from Neil Moon Pond water right #43-11787, or Myton City Water, Myton, Utah

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:

West End Disposal located in the NESE, Section 28, T7S, R22E,
NBE 12 SWD-10-9-23 located in the NWSW, Section 10, 9S, 23E,
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 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 January 13, 2011, **State of Utah Antiquities Report U-11-MQ-1141b,s** 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 1, 2012, **Report No. IPC 11-168** by Stephen D. Sandau,. Due to the number of fossils found during this survey it is recommended that a permitted paleontologist be present to monitor the construction process of the well pad and access road. QEP Energy Company will provide paleo monitor for this project.

A habitat assessment and inventory was conducted on October 24-27, 2011 by Western Biota, Inc. A single population consisting of three individual Uintah Basin Hookless Cactus (*Sclerocactus wetlandicus*) were located during the surveys within the proposed buffer for the DS 14G-7-10-18. This proposed action will

have some impacts towards individuals or populations of *Sclerocactus wetlandicus*.

Per the onsite meeting on February 8 2012, the following items were requested/discussed.

There is 4" topsoil.

Applicant Committed Measures

Due to the proximity of the Uintah Basin Hookless Cactus (*Sclerocactus wetlandicus*) to the DS 14G-7-10-18 access road, dust suppressant such as magnesium chloride or fresh water may be used, as needed, during the drilling phase to control fugitive dust from truck traffic.

CONFIDENTIAL

Lessee's or Operator's Representative & Certification:

Valyn Davis
Regulatory Affairs Analyst
QEP Energy Company
11002 East 17500 South
Vernal, UT 84078
(435) 781-4331

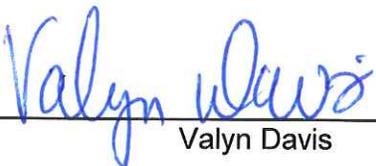
Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its 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.

QEP Energy Company is considered to be the operator of the subject well.
QEP Energy Company agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104.2 for lease activities is being provided by Bond No. ESB000024

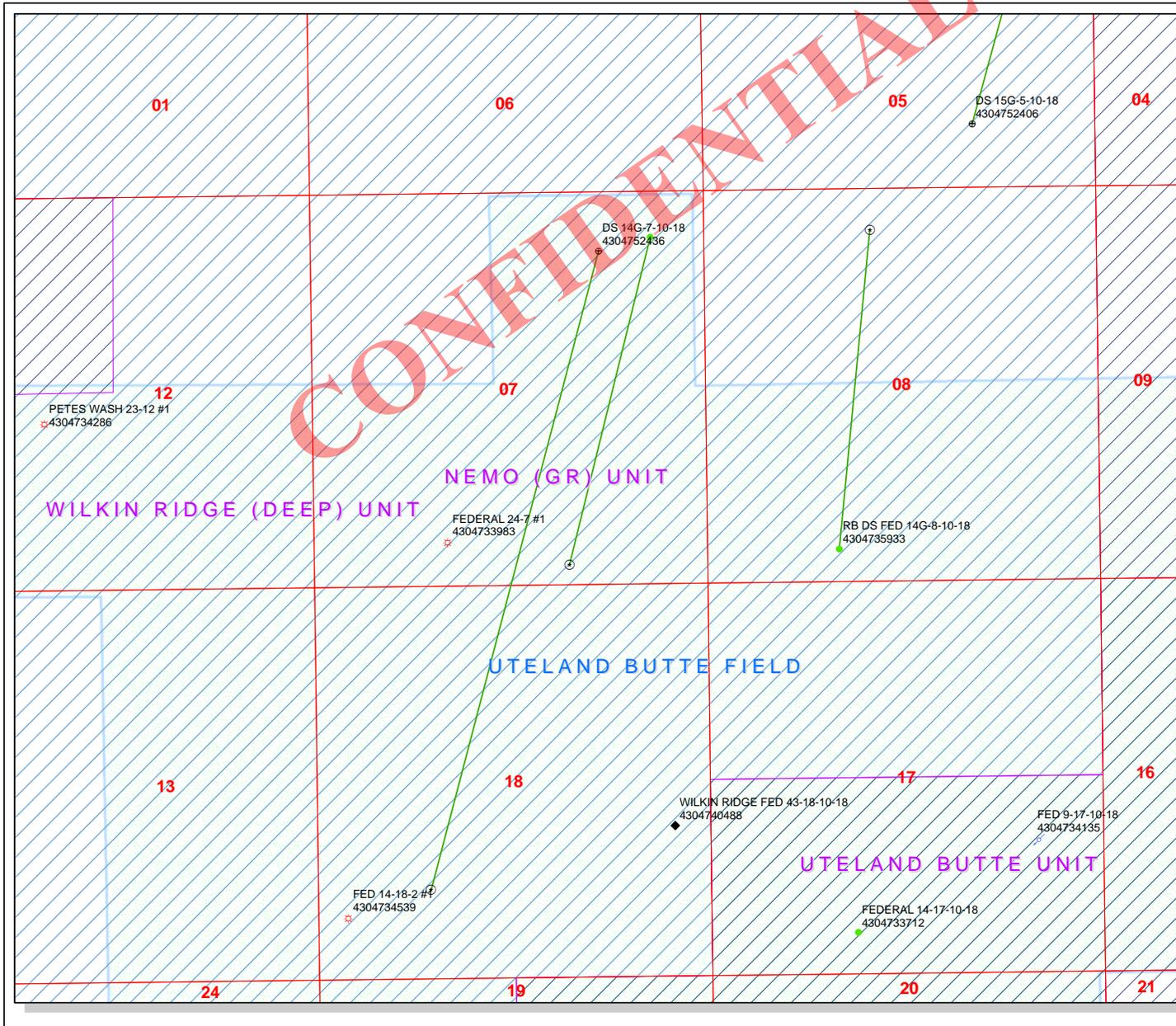
I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that I have full knowledge of the State and Federal laws applicable to this operations; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed 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.



Valyn Davis

3/6/2012

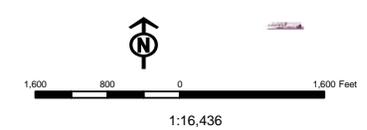
Date



API Number: 4304752436
Well Name: DS 14G-7-10-18
Township T1.0 . Range R1.8 . Section 07
Meridian: SLBM
Operator: QEP ENERGY COMPANY

Map Prepared:
 Map Produced by Diana Mason

Units STATUS	Wells Query Status
ACTIVE	APD - Approved Permit
EXPLORATORY	DRL - Spudded (Drilling Commenced)
GAS STORAGE	GIW - Gas Injection
NF PP OIL	GS - Gas Storage
NF SECONDARY	LA - Location Abandoned
PI OIL	LOC - New Location
PP GAS	OPS - Operation Suspended
PP GEOTHERM	PA - Plugged Abandoned
PP OIL	PGW - Producing Gas Well
SECONDARY	POW - Producing Oil Well
TERMINATED	RET - Returned APD
Unknown	SGW - Shut-in Gas Well
ABANDONED	SOW - Shut-in Oil Well
ACTIVE	TA - Temp. Abandoned
COMBINED	TW - Test Well
INACTIVE	WDW - Water Disposal
STORAGE	WW - Water Injection Well
TERMINATED	WSW - Water Supply Well



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)

March 16, 2012

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2012 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 as a dual horizontal well. The work is planned for calendar year 2012 within the Nemo Unit, Uintah County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-047-52436	DS 14G-7-10-18 Sec 07	T10S R18E 0784 FSL 1395 FWL
	Lateral 1 Sec 07	T10S R18E 0400 FNL 2400 FWL
	Lateral 1 Sec 18	T10S R18E 1200 FSL 1520 FWL

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: 2012.03.16 14:06:03 -06'00'

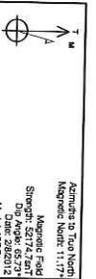
bcc: File - Nemo Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:3-16-12

RECEIVED: March 16, 2012



Company Name: QEP ENERGY (UT)

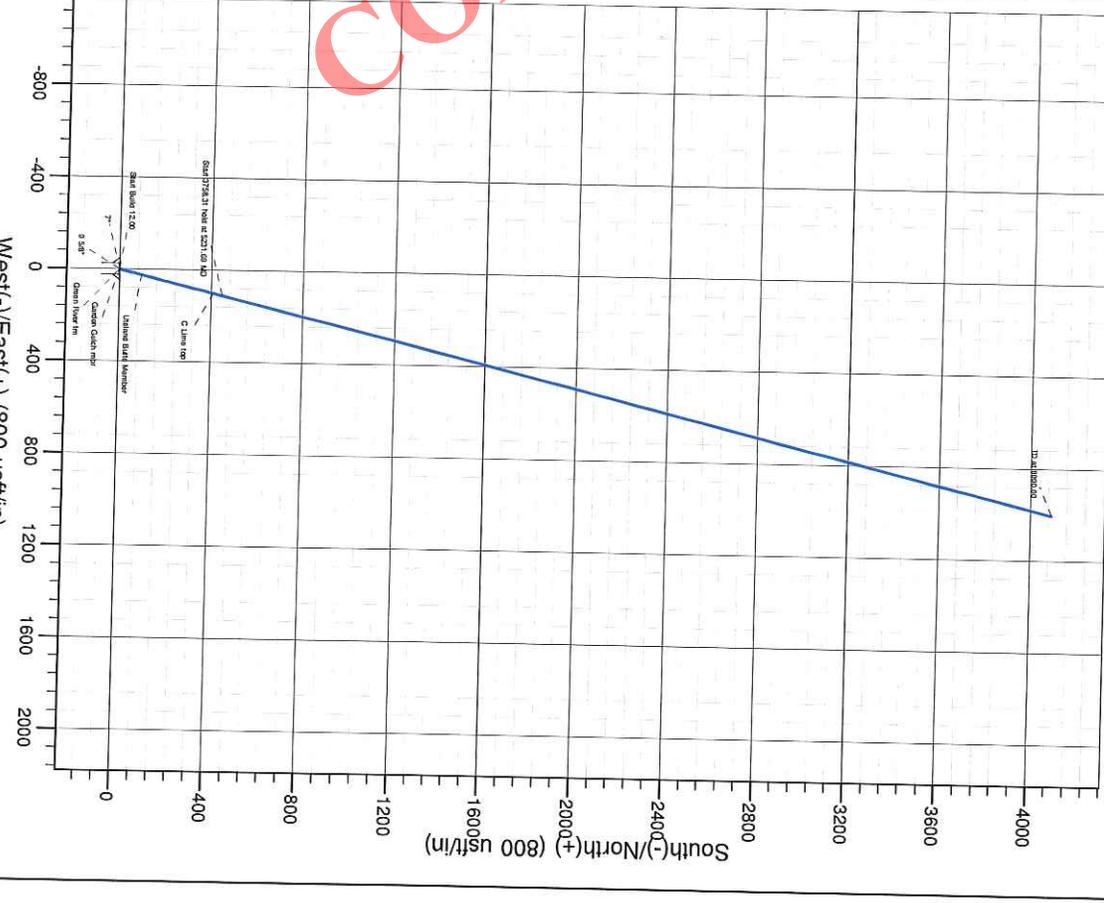
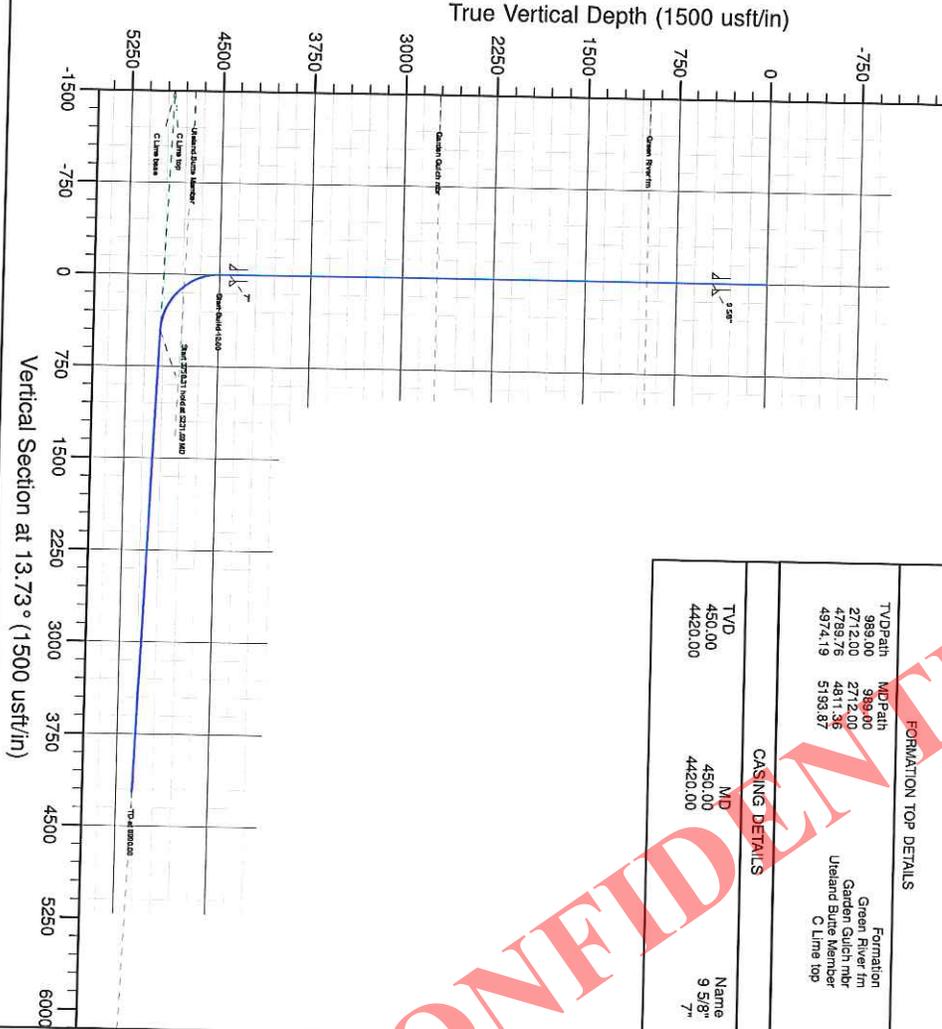


Project: Desert Springs
 Well: DS 14G7-10-18
 Wellbore: Lateral #1
 Design: Plan ver. 0

WELL DETAILS: DS 14G7-10-18		REFERENCE INFORMATION		PROJECT DETAILS: Desert Springs	
Ground Level: 5324.90		Coordinate (N/E) Reference: Well DS 14G7-10-18 True North		Geodetic System: US State Plane 1983	
+N/S 0.00 +E/W 0.00 Northing 7155550.158 Easting 2077393.894		Vertical (TVD) Reference: RKB @ 3339.50 (EST. RKS)		Datum: North American Datum 1983	
Latitude 39.559372		Section (VS) Reference: Sig @ 10.00 (EST. RKS)		Ellipsoid: GRS 1980	
Longitude -109.940581		Measured Depth Reference: RKB @ 3339.50 (EST. RKS)		Zone: Utah Central Zone	
Spot		Calculation Method: Minimum Curvature		System Datum: Mean Sea Level	

SECTION DETAILS					
MD	Inc	Azi	TVD	+N/S	+E/W
0.00	0.00	0.00	0.00	0.00	0.00
4500.02	0.00	0.00	4500.02	0.00	0.00
5231.69	87.90	13.73	4977.14	0.00	0.00
8990.00	87.90	13.73	5121.41	4094.19	1000.54
				1000.54	0.00
				0.00	4214.67

FORMATION TOP DETAILS		CASING DETAILS	
TVD Path	MD Path	TVD	MD
989.00	989.00	450.00	450.00
2712.00	2712.00	4420.00	4420.00
4789.76	4811.36		
4974.19	5193.87		
Formation		Name	
Green River		9.58"	
Garden Gulch mbr			
Utah State Member			
C Lime top			



WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 3/6/2012

API NO. ASSIGNED: 43047524360000

WELL NAME: DS 14G-7-10-18

OPERATOR: QEP ENERGY COMPANY (N3700)

PHONE NUMBER: 435 781-4369

CONTACT: Valyn Davis

PROPOSED LOCATION: SESW 07 100S 180E

Permit Tech Review:

SURFACE: 0784 FSL 1395 FWL

Engineering Review:

BOTTOM: 1200 FSL 1520 FWL

Geology Review:

COUNTY: UINTAH

LATITUDE: 39.96351

LONGITUDE: -109.93171

UTM SURF EASTINGS: 591239.00

NORTHINGS: 4424253.00

FIELD NAME: UTELAND BUTTE

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU68387

PROPOSED PRODUCING FORMATION(S): UTELAND BUTTE

SURFACE OWNER: 1 - Federal

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: FEDERAL - ESB000024
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: A-36125/ 49-2153
- RDCC Review:
- Fee Surface Agreement
- Intent to Commingle

Commingling Approved

LOCATION AND SITING:

- R649-2-3.
- Unit: NEMO (GR)
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: R649-3-2
- Effective Date:
- Siting:
- R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 1 - Exception Location - dmason
4 - Federal Approval - dmason
23 - Spacing - dmason
27 - Other - bhll



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

Permit To Drill

Well Name: DS 14G-7-10-18
API Well Number: 43047524360000
Lease Number: UTU68387
Surface Owner: FEDERAL
Approval Date: 3/26/2012

Issued to:

QEP ENERGY COMPANY, 11002 East 17500 South, Vernal, Ut 84078

Authority:

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 UTELAND BUTTE 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.

Duration:

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

Exception Location:

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

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.

Conditions of Approval:

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

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.

In accordance with Utah Admin. R.649-3-21, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

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 leave 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>

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 to:

- 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

Approved By:



For John Rogers
Associate Director, Oil & Gas

RECEIVED
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
MAR 12 2012

FORM APPROVED
OMB No. 1004-0136
Expires July 31, 2010

APPLICATION FOR PERMIT TO DRILL OR REENTER

BLM
CONFIDENTIAL

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU68387
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator QEP ENERGY COMPANY Contact: VALYN DAVIS E-Mail: davis.contractor@qepres.com		7. If Unit or CA Agreement, Name and No. UTU87719X
3a. Address 11002 EAST 17500 SOUTH VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 435-781-4369	8. Lease Name and Well No. DS 14G-7-10-18
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SESW 784FSL 1395FWL 39.953372 N Lat, 109.940581 W Lon At proposed prod. zone NENW 400FNL 2400FWL 39.964611 N Lat, 109.937011 W Lon		9. API Well No. 43-047-52436
14. Distance in miles and direction from nearest town or post office* +/- 24 MILES SOUTH OF MYTON, UT		10. Field and Pool, or Exploratory UTELAND BUTTE
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 784'	16. No. of Acres in Lease 40.00	11. Sec., T., R., M., or Blk. and Survey or Area Sec 7 T10S R18E Mer SLB
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 5000'	19. Proposed Depth 8990 MD 5121 TVD	12. County or Parish UINTAH
21. Elevations (Show whether DF, KB, RT, GL, etc.) 5328 GL	22. Approximate date work will start 08/01/2012	13. State UT
24. Attachments		17. Spacing Unit dedicated to this well 40.00
25. Signature (Electronic Submission)		20. BLM/BIA Bond No. on file ESB000024
Name (Printed/Typed) VALYN DAVIS Ph: 435-781-4369		23. Estimated duration 30 DAYS
Title REGULATORY AFFAIRS ANALYST		
Approved by (Signature)		
Name (Printed/Typed) Jerry Kenczka		
Title Assistant Field Manager Lands & Mineral Resources		Date JAN 25 2013
Office VERNAL FIELD OFFICE		

RECEIVED
FEB 13 2013

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

DIV. OF OIL, GAS & MINING

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

25. Signature (Electronic Submission)	Name (Printed/Typed) VALYN DAVIS Ph: 435-781-4369	Date 03/06/2012
Title REGULATORY AFFAIRS ANALYST		
Approved by (Signature)	Name (Printed/Typed) Jerry Kenczka	Date JAN 25 2013
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD 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 #132299 verified by the BLM Well Information System
For QEP ENERGY COMPANY, sent to the Vernal
Committed to AFMS for processing by LESLIE ROBINSON on 03/15/2012 ()

UDOGM

NOTICE OF APPROVAL
CONDITIONS OF APPROVAL ATTACHED

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

ZRRH1408AE

NOS-1/19/12



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

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:	QEP ENERGY COMPANY	Location:	SESW,Sec.7,T10S R18E
Well No:	DS 14G-7-10-18	Lease No:	UTU-68387
API No:	43-047-52436	Agreement:	Nemo Unit

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

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

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

NOTIFICATION REQUIREMENTS

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

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

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

SITE SPECIFIC COA's

- QEP will comply with all rules and regulations administered by the authorized officer concerning the use, prevention, and suppression of fires on federal lands.
- QEP will, at all times during construction, maintenance, and operations, maintain satisfactory spark arrests on internal combustion engines.
- If equipment creates surface ruts in excess of 4 inches deep, QEP would deem that soil conditions are too wet to adequately support construction equipment and construction would cease until conditions improve or BLM approval is obtained.
- Prior to construction, an invasive plants/noxious weeds inventory will be completed for all areas where surface disturbance will occur. A completed Weed Inventory form documenting any occurrences of invasive plants or noxious weeds will be submitted to the BLM Authorized Officer before surface disturbance will occur.
- The operator will control noxious/invasive weeds along their roads, pipelines, well sites, or other applicable facilities by the application of herbicides or by mechanical removal until reclamation is considered to be successful by the authorized officer (AO) and the bond for the well is released. A list of noxious weeds will be obtained from the BLM or the appropriate county extension office. On BLM-administered land, the operator will submit a Pesticide Use Proposal and obtain approval prior to the application of herbicides, other pesticides, or possible hazardous chemicals.
- Interim reclamation, final reclamation, and monitoring of reclaimed areas will be completed in accordance with the Questar Exploration and Production Company, Uinta Basin Division's Reclamation Plan, September 2009 (aka QEPEC, Uinta Basin Division's Reclamation Plan) on file with the Vernal Field Office of the BLM.
- Prior to any surface disturbance, vegetative monitoring locations and reference sites will be identified by QEP and approved by the BLM AO. Vegetation monitoring protocol will be developed by QEP and approved by the BLM AO prior to implementation of revegetation techniques and will be designed to monitor % basal vegetative cover.

- Revegetated areas will be inspected annually and monitored to document location and extent of areas with successful revegetation, and areas needing further reclamation (for a period of 5 years after construction completion). A reclamation report will be submitted to the AO by March 31 of each year.
- QEP will educate its contractors and employees about the relevant federal regulations intended to protect cultural resources. All vehicular traffic, personnel movement, construction and restoration activities shall be confined to areas cleared by the site inventory and to existing roads. In the event historic or archaeological resources are uncovered during construction, work will stop immediately and the appropriate BLM AO will be notified.
- A permitted paleontologist will be present to monitor the construction process for the well pad, access road, and pipeline for all the wells (W. Miller: Aug 17, 2012; June 23, 2012; Nov. 1, 2011; Feb. 1, 2012)
- Due to the proximity of the Uintah Basin Hookless Cactus (*Sclerocactus wetlandicus*) to the DS 14G-7-10-18 access road, dust suppressant such as fresh water will be used during the drilling phase to control fugitive dust from truck traffic
- To maintain compliance with current cactus survey protocols, the following measures will be required.
 - If construction does not occur within 4 years of the original survey date, new 100% clearance surveys will be required.
 - Prior to construction within 4 years of the original survey date, a spot check survey will be required during the year of construction. The project proponent and their respective 3rd party surveyor will refer to the current *Sclerocactus* Spot Check Survey Methods, to determine site specific survey distances and intensity levels.
 - Spot check reports will be reported to the BLM and the US Fish and Wildlife Service.
 - Construction will not commence until written approval is received from the BLM authorized officer.

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

SITE SPECIFIC DOWNHOLE COAs:

Site Specific Drilling Plan COA's:

- A formation integrity test shall be performed at the surface casing shoe.
- Gamma Ray Log shall be run from Total Depth to Surface.

Variances Granted:

Air Drilling

- Dust suppression equipment. Variance granted for water mist system to substitute for the dust suppression equipment.
- Blooie line discharge 100' from the well bore, variance granted for blooie line discharge to be 75' from the well bore.
- Compressors located in the opposite direction from the blooie line a minimum of 100' from the well bore. Variance granted for truck/trailer mounted air compressors.
- Straight run blooie line. Variance granted for targeted "T's" at bends.
- Automatic igniter. Variance granted for igniter due to water mist.

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

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

the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

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

the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

CONFIDENTIAL

BLM - Vernal Field Office - Notification Form

Operator QUESTAR E&P Rig Name/# PETE MARTIN Submitted
By ERIC WICKERSHAM Phone Number 1-307-705-3920

Well Name/Number DS 14G-7-10-18

Qtr/Qtr SESW Section 7 Township 10S Range 18E

Lease Serial Number UTU88387

API Number 43-047-52436

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 2/18/2013 0800 AM PM

Casing – Please report time casing run starts, not cementing times.

- Surface Casing
- Intermediate Casing
- Production Casing
- Liner
- Other

Date/Time _ _ AM PM

BOPE

- Initial BOPE test at surface casing point
- BOPE test at intermediate casing point
- 30 day BOPE test
- Other

Date/Time _____ AM PM

Remarks WE WILL DRILL 40FT OF 20" HOLE AND SET 40FT OF 16" CONDUCTOR.

BLM - Vernal Field Office - Notification Form

Operator QEP ENERGY Rig Name/# PRO-PETRO RIG 1 Submitted
By DAVID REID Phone Number 435-828-0396
Well Name/Number DS 14G-7-10-18
Qtr/Qtr SE/SW Section 7 Township 10S Range 18E
Lease Serial Number UTU68387/UTU87719X
API Number 43047524360000

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time _____ 8:00 AM PM

Casing – Please report time casing run starts, not cementing times.

- Surface Casing
- Intermediate Casing
- Production Casing
- Liner
- Other

Date/Time 3/02/2013 700 AM PM

BOPE

- Initial BOPE test at surface casing point
- BOPE test at intermediate casing point
- 30 day BOPE test
- Other

RECEIVED
MAR 01 2013
DIV. OF OIL, GAS & MINING

Date/Time _____ AM PM

Remarks We will drill and set 450'+ of 9 5/8, 36# casing and cement same with Pro-Petro ON SATURDAY 3/02/2013

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: UTU68387	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME: NEMO (GR)	
2. NAME OF OPERATOR: QEP ENERGY COMPANY		8. WELL NAME and NUMBER: DS 14G-7-10-18	
3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078		9. API NUMBER: 43047524360000	
PHONE NUMBER: 303 308-3068 Ext		9. FIELD and POOL or WILDCAT: UTELAND BUTTE	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0784 FSL 1395 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 07 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		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input checked="" type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. THIS WELL COMMENCED PRODUCTION ON APRIL 24, 2013 @ 4:30 P.M.			
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 25, 2013			
NAME (PLEASE PRINT) Valyn Davis	PHONE NUMBER 435 781-4369	TITLE Regulatory Affairs Analyst	
SIGNATURE N/A		DATE 4/25/2013	

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

AMENDED REPORT FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU68387

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME
NEMO (GR)

8. WELL NAME and NUMBER:
DS 14G-7-10-18

9. API NUMBER:
4304752436

10. FIELD AND POOL, OR WILDCAT
UTELAND BUTTE

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
SESW 7 10S 18E

12. COUNTY
UINTAH

13. STATE
UTAH

1a. TYPE OF WELL: OIL WELL GAS WELL DRY OTHER _____

b. TYPE OF WORK: NEW WELL HORIZ. LATS. DEEP-EN RE-ENTRY DIFF. RESVR. OTHER _____

2. NAME OF OPERATOR:
QEP ENERGY COMPANY

3. ADDRESS OF OPERATOR: **11002 E. 17500 S. CITY VERNAL STATE UT ZIP 84078** PHONE NUMBER: **(435) 781-4320**

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: **SECTION 7, SESW, 784' FSL, 1395' FWL**
AT TOP PRODUCING INTERVAL REPORTED BELOW: **SECTION 7, SESW, 784' FSL, 1395' FWL**
AT TOTAL DEPTH: **SECTION 18, SESW, 748' FSL, 1501' FWL**

14. DATE SPUNDED: **2/25/2013** 15. DATE T.D. REACHED: **3/30/2013** 16. DATE COMPLETED: **4/24/2013** ABANDONED READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):
5328' GL

18. TOTAL DEPTH: MD **10,097** TVD **4,797** 19. PLUG BACK T.D.: MD _____ TVD _____

20. IF MULTIPLE COMPLETIONS, HOW MANY? * _____ 21. DEPTH BRIDGE MD _____ PLUG SET: TVD _____

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
TRIPLE COMBO

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

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

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
12.25	9.625 J-55	36	0	531		G 225	46	350	
8.75	7 L-80	26	0	4,628		440	183		
6.125	4.5 N-80	11.6	4,555	7,836		0			

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.875	4,549							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) GREEN RIVER	4,555	10,097						Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(B)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(C)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
4,555 - 10,097	1628 BBLs 15% HCL

29. ENCLOSED ATTACHMENTS:

ELECTRICAL/MECHANICAL LOGS GEOLOGIC REPORT DST REPORT DIRECTIONAL SURVEY
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION CORE ANALYSIS OTHER: **OPS SUMMARY**

30. WELL STATUS:
POW

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED: 4/24/2013	TEST DATE: 4/26/2013	HOURS TESTED: 24	TEST PRODUCTION RATES: →	OIL - BBL: 305	GAS - MCF: 0	WATER - BBL: 40	PROD. METHOD: GPU
CHOKE SIZE:	TBG. PRESS. 185	CSG. PRESS. 35	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	INTERVAL STATUS:

INTERVAL B (As shown in item #26)

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

INTERVAL C (As shown in item #26)

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

INTERVAL D (As shown in item #26)

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

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

USED ON LEASE

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
				UINTA	0
				GREEN RIVER	1,192
				GARDEN GULCH	2,722
				UTELAND BUTTE	4,863
				C LIME	5,225

35. ADDITIONAL REMARKS (Include plugging procedure)

#27: SLOTTED LINER FROM 4,555-7,836; OPEN HOLE FROM 7,836-10,097

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

NAME (PLEASE PRINT) BENNA MUTH TITLE REGULATORY ASSISTANT - CONTRACT
 SIGNATURE *Benna Muth* DATE 5/7/2013

This report must be submitted within 30 days of

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

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

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

Send to: Utah Division of Oil, Gas and Mining Phone: 801-538-5340
 1594 West North Temple, Suite 1210
 Box 145801 Fax: 801-359-3940
 Salt Lake City, Utah 84114-5801



QEP Energy Company

Daily Activity and Cost Summary

Well Name: DS 14G-7-10-18

API 43-047-52436	Surface Legal Location SEC 7-T10S-R18E	Field Name UTELAND BUTTE	State UTAH	Well Configuration Type Horizontal
Ground Elevation (ft) 5,324.9	Casing Flange Elevation (ft) 5,324.90	Current KB to GL (ft) 30.00	KB to CF (ft) 30.00	Spud Date 2/19/2013 08:00
Job Category Drilling	Primary Job Type DRILLING	Secondary Job Type DEVELOPMENT	Objective	
Start Date 2/19/2013		Job End Date 4/2/2013		

Purpose
Summary

Contractor Pete Martin Drilling	RIG PETE MARTIN 1	Rig Type AUGER RIG
Contractor Pro Petro	RIG AIR 8	Rig Type AIR RIG
Contractor SST Energy	RIG SST 88	Rig Type TOP DRIVE

DOL	Start Date	Summary
1.0	2/19/2013	MIRU, DRILL 20" HOLE TO 40' AND SET 16" CONDUCTOR, CEMENT SAME. RDMO
2.0	3/2/2013	MIRU, DRILL 12 1/4" HOLE TO
3.0	3/11/2013	MOVE AND RIG UP WITH RW JONES TRUCKING, WAIT ON DAYLIGHT
4.0	3/12/2013	MOVE TWO MILES AND RIG UP WITH RW JONES TRUCKING. WAIT ON DAYLIGHT
5.0	3/13/2013	MOVE AND RIG UP WITH JONES TRUCKING. 100% MOVED OFF OLD LOCATION, 95% SET IN, 75% RIGGED UP.
6.0	3/14/2013	PJSM. RAISE DERRICK. PICK UP AND RIG UP TOP DRIVE.SET BEAVER SLIDE AND CATWALK, RIG UP FLOOR. PJSM.TEST BOPE.
7.0	3/15/2013	PJSM. TEST BOPE. TEST CASING. SET WEAR BUSHING. P/U TOOLS & ORIENT. P/U BHA. DRILL SHOE TRACK TO 550. FIT. DIRECTIONAL DRILL 550 T/ 1009. SCR PROBLEMS. WAIT ON ELECTRICIAN.
8.0	3/16/2013	REPAIR SCR. DIRECTIONAL DRILL F/ 1009 T/ 2060. REPAIR TOP DRIVE. DIRECTIONAL DRILL F/ 2060 T/ 3289. SURVEYS & CONNECTIONS.
9.0	3/17/2013	DIRECTIONAL DRILL F/ 3289 T/ 4150. SERVICE RIG. SURVEYS & CONNECTIONS. DIRECTIONAL DRILL F/ 4150 T/ 4638. CIRCULATE. SHORT TRIP.
10.0	3/18/2013	SHORT TRIP TO SURFACE CASING. CIRCULATE. TRIP OUT. L/D DIRECTIONAL TOOLS. RIG SERVICE. PJSM. RIG UP & LOG W/ HALLIBURTON. TRIP IN HOLE. CIRCULATE. PJSM. LAY DOWN DRILL STRING.
11.0	3/19/2013	LDDP. PULL WEAR BUSHING. PJSM. RIG UP & RUN 7" CASING. CHANGED OUT L/D TRUCK. PJSM. RIG UP & CEMENT. SET PACK OFF & BIT GUIDE. STRAP BHA. P/U & ORIENT TOOLS. P/U DRILL STRING.
12.0	3/20/2013	PICK UP 3 1/2 DRILL PIPE DRILL SHOE TRACK, RUN FIT TO EMW TO 9.9 PPG AT 253 SURFACE PSI, DIRECTIONAL DRILL FROM 4648 FT TO 4760 FT TRIP OUT FOR MUD MOTOR CONT TO DIRECTIONAL DRILL FROM 4760 TO 4858 FT =98 FT = 39.2 FPR BIT WT= 8/10 RPM= 155/175 GPM= 246
13.0	3/21/2013	DIRECTIONAL DRILL FROM 4861 TO 4985 FT MIX & PUMP TRIP SLUG POOH FOR MOTOR PICK UP A CAVO AND BEND IT TO 2.42 * RIG SERVICE TRIP IN THE HOLE TO 4700 FT FILL PIPE AND TEST MWD TOOLS, TIH TO 4915 FT & WASH AND REAM TO 4985 FT. DIRECTIONAL DRILL FROM 4985 FT TO 5292 FT CIRC SAMPLES CONT TO DIRECTIONAL FROM 5292 TO 5325 FT CONNECTIONS & SURVEYS
14.0	3/22/2013	DRILL TO 5357 FT TRIP OUT FOR PUSH PIPE, AGITATOR,SHOCK SUB, & DRILL & REAM REBEND MUD MOTOR TRIP IN THE HOLE DIRECTIONAL DRILL FROM 5357 TO 5987 FT BIT WT = 10/15 RPM= 155/195 GPM= 249 TOTAL FT =630 FPR=46.6
15.0	3/23/2013	DRILL FROM 5987 TO 6265 FT = 278 FT IN 8.5 HRS= 32.7 FPR BIT WT= 10/15 RPM= 155/195 GPM= 249 CIRC & TROUBLE SHOOT MWD TRIP FOR MWD FAILURE RIG SERVICE DIRECTIONAL DRILL FROM 6265 TO 6280 SAME PAR.
16.0	3/24/2013	DIRECTIONAL DRILL FROM 6280 FT TO 7167 IN 20 HR'S =887 =44.3 FPR BIT WT= 8/10 K RPM = 155 TO 195 WITH 249 GPM CONNECTIONS & SURVEYS AND SHORT TRIP FROM 7009 TO 6309 FT WASH & REAM 150 FEET TO BOTTOM WITH NO FILL
17.0	3/25/2013	DIRECTIONAL DRILL FROM 7167 FT TO 7785 BIT WT = 8/10 RPM= 155/195 WITH GPM= 249 RIG SERVICE & CONT TO DIRECTIONAL DRILL 618 FT =28.7 FPR
18.0	3/26/2013	DIRECTIONAL DRILL FROM 7785 TO 7956 FT BIT WT= 10/12K ROM= 155/195 GPM= 249 = 171 FT =21 FPR SHORT TRIP TO 7104 FT WASH 90 FT TO BOTTOM DIRECTIONAL DRILL FROM 7956 FT TO 8398FT SURVEY & CONNECTIONS
19.0	3/27/2013	DIRECTIONAL DRILL FROM 8398 FT TO 8713 FEET TRIP OUT FOR BIT, MOTOR, & PUSH PIPE. TRIP IN THE HOLE , WASH & REAM TO 180' BOTTOM . DRILL T/8730
20.0	3/28/2013	DRILL FROM 8730 TO 8966 FT TROUBLE SHOOT MWD POOH FOR MWD TRIP IN WITH NEW TOOLS PICK UP 9 DRILL COLLARS TRIP IN THE HOLE WASH 150 FEET TO BOTTOM MWD FAILED TROUBLE SHOOT MWD (NO PULSE) POOH FOR MWD FAILURE @ 8966 FEET
21.0	3/29/2013	PICK UP NEW MWD TOOLS & TRIP IN THE HOLE DIRECTIONAL DRILL FROM 8966 FT TO 9496 530 FT 34.1 FPR BT WT= 10/102 GPM= 249 BIT RPM= 204/244



QEP Energy Company

Daily Activity and Cost Summary

Well Name: DS 14G-7-10-18

API 43-047-52436	Surface Legal Location SEC 7-T10S-R18E	Field Name UTELAND BUTTE	State UTAH	Well Configuration Type Horizontal
Ground Elevation (ft) 5,324.9	Casing Flange Elevation (ft) 5,324.90	Current KB to GL (ft) 30.00	KB to CF (ft) 30.00	Spud Date 2/19/2013 08:00
Final Rig Release				

DOL	Start Date	Summary
22.0	3/30/2013	DIRECTIONAL DRILL FROM 9496 TO 9558 FT BT WT= 10/14 K RPM= 204/244 GPM= 249 =62 FT =24.8 FPR SHORT TRIP 600 FT DRILL FROM 9558 TO 9875 FT SAME PAR. RIG SERVICE CONNECTIONS & SURVEYS CONT TO DRILL FROM 9875 TO 10097 FT SAME PAREMETERS CIRC HIGH VIS SWEEP TO SURFACE SHORT TRIP TO THE SHOE & BACK TO BOTTOM
23.0	3/31/2013	TRIP IN AFTER SHORT TRIP RIG SERVICE, WASH 70 FT TO BOTTOM, CIRC FOR CASING POOH FOR CASING (SLM,NO CORRECTION) DOWN DIR. TOOLS, RIG UP & DOWN CASING CREWS (PJSM) RUN 122 JT'S 4.5" CASING PICK UP 11 4.75" DC'S & TRIP IN THE HOLE TO 7836 FEET WORK STUCK CAASING
24.0	4/1/2013	WORK STUCK LINNER, RELEASE FROM LINNER & TRIP OUT OF THE HOLE PJSM & RIG UP WIRE LINE TRUCK RUN IN THE HOLE WITH CHEMICAL CUTTER & CUT LINNER @ 4555 FT RIG DOWN WIRE LINE TRUCK PJSM & TRIP IN WITH SPEAR & JARS, BUMPER SUB , SPEAR LINNER AND & JAR FREE TOP @ 4555 FEET LINNER SHOE@ 7836 FEET LAY DOWN 2234 FT OF LINNER. POOH WITH 2234' OF LINNER & LAY DOWN, LAY DOWN FISHING TOOLS & HANGER. PJSM & RIG UP CAASING CREW & LAY DOWN LINNER RIG DOWN CASING CREWS TRIP IN THE HOLE WITH BHA & LAY IT DOWN TRIP IN WITH D.P AND LAY IT DOWN
25.0	4/2/2013	FINISH LAY DOWN DRILL PIE,SET RPB @ 4010'. CLENA MUD TANKS AND NIPPLE DOWN BOP. RIG DOWN TOP DRIVE AND LAY DERRICK OVER



QEP Energy Services

Desert Springs

DS 14G7-10-18

DS 14G7-10-18

DS 14G7-10-18

Design: DS 14G7-10-18

Standard Survey Report

04 April, 2013





Native Navigation
Survey Report



Company:	QEP Energy Services	Local Co-ordinate Reference:	Well DS 14G7-10-18
Project:	Desert Springs	TVD Reference:	RKB @ 5354.90usft (SST 88)
Site:	DS 14G7-10-18	MD Reference:	RKB @ 5354.90usft (SST 88)
Well:	DS 14G7-10-18	North Reference:	True
Wellbore:	DS 14G7-10-18	Survey Calculation Method:	Minimum Curvature
Design:	DS 14G7-10-18	Database:	Compass DB Connection

Project	Desert Springs		
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	DS 14G7-10-18		
Site Position:		Northing:	7,155,550.183 usft
From:	Map	Easting:	2,077,539.884 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	39.953372
		Longitude:	-109.940581
		Grid Convergence:	1.00 °

Well	DS 14G7-10-18		
Well Position	+N-S	0.00 usft	Northing: 7,155,550.154 usft
	+E-W	0.00 usft	Easting: 2,077,539.884 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	5,324.90 usft
		Ground Level:	5,324.90 usft

Wellbore	DS 14G7-10-18				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	3/14/2013	11.03	65.70	52,067

Design	DS 14G7-10-18				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	178.85	

Survey Program	Date	4/4/2013			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
30.00	10,097.00	DS 14G7-10-18 EOW (DS 14G7-10-18)	MWD	MWD - Standard	

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
30.00	0.00	0.00	30.00	0.00	0.00	0.00	0.00	0.00	0.00
569.00	0.10	39.40	569.00	0.36	0.30	-0.36	0.02	0.02	0.00
600.00	0.50	36.20	600.00	0.49	0.40	-0.49	1.29	1.29	-10.32
691.00	2.90	13.60	690.95	3.05	1.17	-3.03	2.69	2.64	-24.84
785.00	3.70	343.80	784.80	8.28	0.88	-8.26	1.98	0.85	-31.70
876.00	3.60	340.20	875.62	13.78	-0.90	-13.80	0.27	-0.11	-3.96
966.00	3.90	357.00	965.43	19.50	-2.02	-19.54	1.26	0.33	18.67
1,061.00	3.80	0.40	1,060.21	25.87	-2.17	-25.91	0.26	-0.11	3.58
1,156.00	3.20	357.60	1,155.04	31.67	-2.26	-31.71	0.66	-0.63	-2.95



Native Navigation
Survey Report



Company:	QEP Energy Services	Local Co-ordinate Reference:	Well DS 14G7-10-18
Project:	Desert Springs	TVD Reference:	RKB @ 5354.90usft (SST 88)
Site:	DS 14G7-10-18	MD Reference:	RKB @ 5354.90usft (SST 88)
Well:	DS 14G7-10-18	North Reference:	True
Wellbore:	DS 14G7-10-18	Survey Calculation Method:	Minimum Curvature
Design:	DS 14G7-10-18	Database:	Compass DB Connection

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)
1,251.00	2.60	351.90	1,249.91	36.45	-2.67	-36.50	0.70	-0.63	-6.00
1,346.00	2.50	30.10	1,344.83	40.38	-1.94	-40.41	1.76	-0.11	40.21
1,441.00	1.80	29.60	1,439.76	43.47	-0.16	-43.46	0.74	-0.74	-0.53
1,536.00	1.20	315.80	1,534.73	45.48	-0.12	-45.47	1.96	-0.63	-77.68
1,631.00	2.60	341.90	1,629.68	48.24	-1.48	-48.26	1.70	1.47	27.47
1,726.00	2.90	341.90	1,724.57	52.57	-2.89	-52.62	0.32	0.32	0.00
1,821.00	2.40	1.50	1,819.47	56.85	-3.59	-56.91	1.08	-0.53	20.63
1,916.00	2.20	353.30	1,914.40	60.65	-3.75	-60.71	0.40	-0.21	-8.63
2,011.00	2.70	356.20	2,009.31	64.69	-4.11	-64.76	0.54	0.53	3.05
2,106.00	2.50	351.00	2,104.21	68.97	-4.58	-69.05	0.33	-0.21	-5.47
2,201.00	2.30	346.20	2,199.13	72.87	-5.36	-72.96	0.30	-0.21	-5.05
2,296.00	2.10	338.60	2,294.06	76.34	-6.45	-76.45	0.37	-0.21	-8.00
2,391.00	0.10	313.40	2,389.04	78.02	-7.15	-78.14	2.12	-2.11	-26.53
2,486.00	0.10	273.80	2,484.04	78.08	-7.29	-78.21	0.07	0.00	-41.68
2,581.00	0.20	237.10	2,579.04	77.99	-7.51	-78.13	0.14	0.11	-38.63
2,676.00	0.20	192.70	2,674.03	77.74	-7.69	-77.88	0.16	0.00	-46.74
2,771.00	0.40	232.50	2,769.03	77.38	-7.99	-77.52	0.29	0.21	41.89
2,866.00	0.50	229.20	2,864.03	76.90	-8.56	-77.06	0.11	0.11	-3.47
2,961.00	0.70	210.90	2,959.03	76.14	-9.18	-76.31	0.29	0.21	-19.26
3,056.00	0.90	211.50	3,054.02	75.00	-9.86	-75.18	0.21	0.21	0.63
3,151.00	0.40	167.70	3,149.01	74.04	-10.18	-74.23	0.71	-0.53	-46.11
3,246.00	0.50	175.30	3,244.01	73.30	-10.08	-73.49	0.12	0.11	8.00
3,341.00	0.70	187.60	3,339.00	72.32	-10.12	-72.51	0.25	0.21	12.95
3,436.00	1.10	14.90	3,434.00	72.62	-9.96	-72.81	1.89	0.42	-181.79
3,531.00	0.90	7.00	3,528.98	74.24	-9.64	-74.42	0.26	-0.21	-8.32
3,626.00	0.70	358.60	3,623.97	75.56	-9.56	-75.74	0.24	-0.21	-8.84
3,722.00	0.50	346.20	3,719.97	76.56	-9.68	-76.74	0.25	-0.21	-12.92
3,817.00	0.30	349.80	3,814.97	77.21	-9.82	-77.39	0.21	-0.21	3.79
3,912.00	0.20	192.00	3,909.97	77.29	-9.90	-77.47	0.52	-0.11	-166.11
4,007.00	0.30	173.30	4,004.96	76.88	-9.90	-77.06	0.13	0.11	-19.68
4,102.00	0.50	198.30	4,099.96	76.24	-10.00	-76.42	0.27	0.21	26.32
4,197.00	3.60	179.30	4,194.89	72.86	-10.10	-73.05	3.30	3.26	-20.00
4,292.00	6.40	177.30	4,289.52	64.59	-9.81	-64.77	2.95	2.95	-2.11
4,387.00	9.10	170.60	4,383.65	51.89	-8.33	-52.04	2.99	2.84	-7.05
4,482.00	14.50	174.10	4,476.60	32.63	-5.88	-32.74	5.73	5.68	3.68
4,577.00	20.90	176.40	4,567.06	3.86	-3.59	-3.93	6.78	6.74	2.42
4,655.00	22.20	177.00	4,639.61	-24.74	-1.95	24.70	1.69	1.67	0.77
4,686.00	26.40	179.00	4,667.85	-37.49	-1.52	37.45	13.80	13.55	6.45
4,717.00	29.60	179.40	4,695.22	-52.04	-1.32	52.00	10.34	10.32	1.29
4,750.00	34.00	180.00	4,723.26	-69.43	-1.24	69.39	13.37	13.33	1.82
4,782.00	36.70	180.80	4,749.36	-87.94	-1.37	87.89	8.56	8.44	2.50
4,813.00	38.40	180.90	4,773.94	-106.83	-1.65	106.77	5.49	5.48	0.32
4,844.00	40.60	180.70	4,797.86	-126.54	-1.93	126.48	7.11	7.10	-0.65
4,876.00	41.50	180.90	4,821.99	-147.56	-2.22	147.48	2.84	2.81	0.63



Native Navigation
Survey Report



Company:	QEP Energy Services	Local Co-ordinate Reference:	Well DS 14G7-10-18
Project:	Desert Springs	TVD Reference:	RKB @ 5354.90usft (SST 88)
Site:	DS 14G7-10-18	MD Reference:	RKB @ 5354.90usft (SST 88)
Well:	DS 14G7-10-18	North Reference:	True
Wellbore:	DS 14G7-10-18	Survey Calculation Method:	Minimum Curvature
Design:	DS 14G7-10-18	Database:	Compass DB Connection

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)
4,908.00	43.90	180.60	4,845.50	-169.25	-2.50	169.17	7.53	7.50	-0.94
4,939.00	47.40	180.20	4,867.17	-191.42	-2.65	191.32	11.33	11.29	-1.29
4,971.00	50.80	179.90	4,888.12	-215.60	-2.67	215.50	10.65	10.63	-0.94
5,003.00	55.30	181.10	4,907.35	-241.16	-2.90	241.06	14.38	14.06	3.75
5,033.00	61.40	181.00	4,923.08	-266.69	-3.37	266.57	20.34	20.33	-0.33
5,065.00	66.90	181.90	4,937.03	-295.46	-4.11	295.32	17.37	17.19	2.81
5,097.00	72.00	181.40	4,948.26	-325.41	-4.97	325.24	16.00	15.94	-1.56
5,129.00	77.00	181.40	4,956.81	-356.22	-5.72	356.04	15.63	15.63	0.00
5,160.00	82.30	181.80	4,962.38	-386.69	-6.57	386.49	17.14	17.10	1.29
5,192.00	85.70	181.00	4,965.72	-418.51	-7.35	418.27	10.91	10.63	-2.50
5,224.00	85.80	180.40	4,968.09	-450.41	-7.74	450.17	1.90	0.31	-1.88
5,255.00	86.00	179.90	4,970.31	-481.34	-7.82	481.08	1.73	0.65	-1.61
5,287.00	90.40	179.70	4,971.32	-513.31	-7.71	513.05	13.76	13.75	-0.63
5,319.00	92.50	179.80	4,970.51	-545.30	-7.57	545.04	6.57	6.56	0.31
5,341.00	91.60	179.70	4,969.72	-567.28	-7.47	567.02	4.12	-4.09	-0.45
5,372.00	91.20	179.40	4,968.96	-598.27	-7.23	598.01	1.61	-1.29	-0.97
5,404.00	90.80	179.70	4,968.40	-630.27	-6.98	630.00	1.56	-1.25	0.94
5,436.00	91.00	179.90	4,967.90	-662.26	-6.87	661.99	0.88	0.63	0.63
5,467.00	92.70	180.00	4,966.90	-693.25	-6.84	692.97	5.49	5.48	0.32
5,499.00	93.00	180.40	4,965.31	-725.21	-6.95	724.92	1.56	0.94	1.25
5,531.00	93.50	180.60	4,963.49	-757.15	-7.23	756.86	1.68	1.56	0.63
5,562.00	91.60	180.70	4,962.11	-788.12	-7.58	787.81	6.14	-6.13	0.32
5,594.00	89.70	180.60	4,961.75	-820.11	-7.94	819.79	5.95	-5.94	-0.31
5,626.00	89.70	180.50	4,961.92	-852.11	-8.25	851.78	0.31	0.00	-0.31
5,657.00	92.40	180.10	4,961.35	-883.10	-8.41	882.76	8.80	8.71	-1.29
5,689.00	92.00	179.30	4,960.12	-915.08	-8.24	914.73	2.79	-1.25	-2.50
5,720.00	91.30	178.70	4,959.23	-946.06	-7.70	945.72	2.97	-2.26	-1.94
5,752.00	92.80	179.10	4,958.09	-978.03	-7.09	977.69	4.85	4.69	1.25
5,784.00	92.70	179.50	4,956.55	-1,009.99	-6.70	1,009.66	1.29	-0.31	1.25
5,816.00	91.10	179.50	4,955.49	-1,041.98	-6.42	1,041.64	5.00	-5.00	0.00
5,847.00	91.20	179.40	4,954.87	-1,072.97	-6.12	1,072.63	0.46	0.32	-0.32
5,879.00	92.70	179.50	4,953.78	-1,104.95	-5.82	1,104.61	4.70	4.69	0.31
5,911.00	94.20	180.40	4,951.85	-1,136.89	-5.79	1,136.54	5.46	4.69	2.81
5,942.00	93.10	180.20	4,949.88	-1,167.82	-5.95	1,167.47	3.61	-3.55	-0.65
5,974.00	91.60	179.90	4,948.57	-1,199.80	-5.98	1,199.43	4.78	-4.69	-0.94
6,006.00	91.60	179.60	4,947.67	-1,231.78	-5.84	1,231.42	0.94	0.00	-0.94
6,037.00	91.00	179.20	4,946.97	-1,262.77	-5.51	1,262.41	2.33	-1.94	-1.29
6,069.00	91.30	179.30	4,946.33	-1,294.76	-5.09	1,294.40	0.99	0.94	0.31
6,101.00	91.50	179.10	4,945.55	-1,326.75	-4.65	1,326.39	0.88	0.63	-0.63
6,132.00	91.90	179.20	4,944.63	-1,357.73	-4.19	1,357.38	1.33	1.29	0.32
6,164.00	92.00	179.30	4,943.54	-1,389.71	-3.77	1,389.36	0.44	0.31	0.31
6,196.00	93.50	179.60	4,942.00	-1,421.67	-3.46	1,421.32	4.78	4.69	0.94
6,237.00	93.30	179.50	4,939.57	-1,462.60	-3.14	1,462.24	0.55	-0.49	-0.24



Native Navigation
Survey Report



Company:	QEP Energy Services	Local Co-ordinate Reference:	Well DS 14G7-10-18
Project:	Desert Springs	TVD Reference:	RKB @ 5354.90usft (SST 88)
Site:	DS 14G7-10-18	MD Reference:	RKB @ 5354.90usft (SST 88)
Well:	DS 14G7-10-18	North Reference:	True
Wellbore:	DS 14G7-10-18	Survey Calculation Method:	Minimum Curvature
Design:	DS 14G7-10-18	Database:	Compass DB Connection

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)
6,269.00	92.10	179.10	4,938.06	-1,494.56	-2.75	1,494.20	3.95	-3.75	-1.25
6,300.00	91.20	179.00	4,937.17	-1,525.54	-2.24	1,525.19	2.92	-2.90	-0.32
6,332.00	91.30	178.60	4,936.47	-1,557.53	-1.57	1,557.18	1.29	0.31	-1.25
6,363.00	91.10	179.20	4,935.82	-1,588.52	-0.97	1,588.18	2.04	-0.65	1.94
6,395.00	92.20	178.50	4,934.90	-1,620.50	-0.33	1,620.16	4.07	3.44	-2.19
6,427.00	92.80	179.00	4,933.51	-1,652.46	0.37	1,652.13	2.44	1.88	1.56
6,458.00	92.90	179.20	4,931.97	-1,683.42	0.85	1,683.09	0.72	0.32	0.65
6,490.00	93.00	179.40	4,930.32	-1,715.37	1.24	1,715.05	0.70	0.31	0.63
6,521.00	92.30	178.50	4,928.88	-1,746.33	1.81	1,746.02	3.68	-2.26	-2.90
6,553.00	90.80	177.80	4,928.02	-1,778.30	2.84	1,778.00	5.17	-4.69	-2.19
6,585.00	91.10	178.70	4,927.49	-1,810.28	3.82	1,809.99	2.96	0.94	2.81
6,616.00	91.50	179.30	4,926.79	-1,841.27	4.36	1,840.99	2.33	1.29	1.94
6,648.00	92.10	179.30	4,925.78	-1,873.25	4.75	1,872.97	1.88	1.88	0.00
6,679.00	92.10	179.80	4,924.64	-1,904.23	5.00	1,903.95	1.61	0.00	1.61
6,711.00	92.30	179.00	4,923.42	-1,936.20	5.33	1,935.92	2.58	0.63	-2.50
6,743.00	92.10	179.30	4,922.19	-1,968.18	5.81	1,967.90	1.13	-0.63	0.94
6,775.00	92.20	179.30	4,920.99	-2,000.15	6.20	1,999.87	0.31	0.31	0.00
6,806.00	92.80	179.70	4,919.63	-2,031.12	6.47	2,030.84	2.33	1.94	1.29
6,838.00	93.10	179.80	4,917.99	-2,063.08	6.61	2,062.80	0.99	0.94	0.31
6,870.00	92.40	178.90	4,916.45	-2,095.04	6.97	2,094.76	3.56	-2.19	-2.81
6,901.00	92.80	179.60	4,915.05	-2,126.00	7.37	2,125.72	2.60	1.29	2.26
6,932.00	93.40	180.70	4,913.37	-2,156.96	7.29	2,156.67	4.04	1.94	3.55
6,964.00	92.60	180.70	4,911.70	-2,188.91	6.90	2,188.61	2.50	-2.50	0.00
6,996.00	91.60	180.20	4,910.52	-2,220.89	6.65	2,220.57	3.49	-3.13	-1.56
7,027.00	90.80	179.30	4,909.87	-2,251.88	6.79	2,251.56	3.88	-2.58	-2.90
7,059.00	90.80	179.00	4,909.43	-2,283.87	7.26	2,283.56	0.94	0.00	-0.94
7,091.00	90.00	178.30	4,909.20	-2,315.86	8.02	2,315.56	3.32	-2.50	-2.19
7,122.00	90.40	177.80	4,909.09	-2,346.85	9.07	2,346.55	2.07	1.29	-1.61
7,154.00	91.40	178.20	4,908.59	-2,378.82	10.19	2,378.55	3.37	3.13	1.25
7,185.00	91.90	178.40	4,907.70	-2,409.80	11.11	2,409.53	1.74	1.61	0.65
7,217.00	93.10	178.80	4,906.30	-2,441.75	11.89	2,441.50	3.95	3.75	1.25
7,249.00	93.90	178.50	4,904.35	-2,473.69	12.64	2,473.44	2.67	2.50	-0.94
7,280.00	94.70	178.60	4,902.03	-2,504.59	13.42	2,504.35	2.60	2.58	0.32
7,312.00	94.50	179.30	4,899.46	-2,536.48	14.01	2,536.25	2.27	-0.63	2.19
7,343.00	92.90	178.30	4,897.46	-2,567.41	14.65	2,567.18	6.08	-5.16	-3.23
7,375.00	91.80	177.80	4,896.15	-2,599.36	15.74	2,599.15	3.78	-3.44	-1.56
7,406.00	90.30	177.50	4,895.58	-2,630.33	17.01	2,630.14	4.93	-4.84	-0.97
7,438.00	91.00	176.90	4,895.22	-2,662.29	18.58	2,662.12	2.88	2.19	-1.88
7,470.00	90.70	176.80	4,894.74	-2,694.24	20.33	2,694.10	0.99	-0.94	-0.31
7,501.00	91.10	176.40	4,894.25	-2,725.18	22.17	2,725.07	1.82	1.29	-1.29
7,533.00	91.30	176.50	4,893.58	-2,757.11	24.15	2,757.04	0.70	0.63	0.31
7,564.00	91.80	176.90	4,892.75	-2,788.05	25.94	2,788.01	2.07	1.61	1.29
7,596.00	92.10	177.60	4,891.66	-2,819.99	27.47	2,819.97	2.38	0.94	2.19



Native Navigation
Survey Report



Company:	QEP Energy Services	Local Co-ordinate Reference:	Well DS 14G7-10-18
Project:	Desert Springs	TVD Reference:	RKB @ 5354.90usft (SST 88)
Site:	DS 14G7-10-18	MD Reference:	RKB @ 5354.90usft (SST 88)
Well:	DS 14G7-10-18	North Reference:	True
Wellbore:	DS 14G7-10-18	Survey Calculation Method:	Minimum Curvature
Design:	DS 14G7-10-18	Database:	Compass DB Connection

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)
7,627.00	93.10	178.10	4,890.25	-2,850.94	28.63	2,850.94	3.61	3.23	1.61
7,659.00	93.50	177.90	4,888.41	-2,882.86	29.75	2,882.88	1.40	1.25	-0.63
7,690.00	93.80	178.60	4,886.43	-2,913.79	30.69	2,913.82	2.45	0.97	2.26
7,722.00	93.70	177.80	4,884.34	-2,945.70	31.70	2,945.74	2.51	-0.31	-2.50
7,753.00	92.10	177.40	4,882.77	-2,976.63	32.99	2,976.70	5.32	-5.16	-1.29
7,785.00	91.60	176.20	4,881.74	-3,008.57	34.78	3,008.66	4.06	-1.56	-3.75
7,816.00	91.70	176.60	4,880.85	-3,039.49	36.72	3,039.62	1.33	0.32	1.29
7,848.00	92.30	177.20	4,879.73	-3,071.43	38.45	3,071.58	2.65	1.88	1.88
7,880.00	91.20	176.10	4,878.75	-3,103.36	40.32	3,103.54	4.86	-3.44	-3.44
7,911.00	90.70	176.20	4,878.24	-3,134.28	42.40	3,134.50	1.64	-1.61	0.32
7,942.00	91.20	176.70	4,877.73	-3,165.22	44.32	3,165.47	2.28	1.61	1.61
7,974.00	91.70	176.30	4,876.92	-3,197.15	46.28	3,197.43	2.00	1.56	-1.25
8,005.00	92.20	177.90	4,875.86	-3,228.09	47.84	3,228.40	5.40	1.61	5.16
8,037.00	92.80	178.00	4,874.47	-3,260.04	48.99	3,260.36	1.90	1.88	0.31
8,069.00	93.00	176.70	4,872.85	-3,291.96	50.46	3,292.31	4.11	0.63	-4.06
8,100.00	92.00	176.00	4,871.49	-3,322.87	52.44	3,323.25	3.94	-3.23	-2.26
8,132.00	92.10	176.70	4,870.35	-3,354.78	54.47	3,355.20	2.21	0.31	2.19
8,164.00	92.70	175.90	4,869.01	-3,386.69	56.54	3,387.14	3.12	1.88	-2.50
8,195.00	90.80	176.00	4,868.06	-3,417.59	58.72	3,418.08	6.14	-6.13	0.32
8,227.00	90.80	176.60	4,867.62	-3,449.52	60.79	3,450.05	1.87	0.00	1.88
8,258.00	91.80	175.60	4,866.91	-3,480.44	62.90	3,481.01	4.56	3.23	-3.23
8,290.00	92.20	175.90	4,865.80	-3,512.34	65.27	3,512.94	1.56	1.25	0.94
8,321.00	92.50	175.90	4,864.52	-3,543.23	67.48	3,543.87	0.97	0.97	0.00
8,353.00	92.70	176.10	4,863.07	-3,575.12	69.71	3,575.80	0.88	0.63	0.63
8,385.00	94.60	176.50	4,861.04	-3,606.99	71.77	3,607.70	6.07	5.94	1.25
8,416.00	93.00	176.20	4,858.98	-3,637.86	73.74	3,638.60	5.25	-5.16	-0.97
8,448.00	91.30	176.40	4,857.78	-3,669.76	75.80	3,670.55	5.35	-5.31	0.63
8,480.00	91.60	177.80	4,856.97	-3,701.71	77.42	3,702.52	4.47	0.94	4.38
8,512.00	90.90	176.30	4,856.27	-3,733.66	79.07	3,734.50	5.17	-2.19	-4.69
8,543.00	90.70	176.00	4,855.84	-3,764.59	81.15	3,765.46	1.16	-0.65	-0.97
8,575.00	91.60	177.50	4,855.20	-3,796.53	82.96	3,797.43	5.47	2.81	-4.69
8,607.00	91.80	177.50	4,854.25	-3,828.49	84.36	3,829.41	0.63	0.63	0.00
8,638.00	93.20	177.90	4,852.90	-3,859.43	85.60	3,860.37	4.70	4.52	1.29
8,670.00	92.80	177.80	4,851.22	-3,891.36	86.80	3,892.32	1.29	-1.25	-0.31
8,703.00	91.80	177.40	4,849.90	-3,924.31	88.18	3,925.29	3.26	-3.03	-1.21
8,734.00	92.10	177.30	4,848.84	-3,955.26	89.61	3,956.26	1.02	0.97	-0.32
8,766.00	92.40	177.10	4,847.59	-3,987.19	91.18	3,988.22	1.13	0.94	-0.63
8,797.00	91.80	176.70	4,846.45	-4,018.13	92.85	4,019.18	2.33	-1.94	-1.29
8,829.00	91.70	177.60	4,845.47	-4,050.07	94.44	4,051.15	2.83	-0.31	2.81
8,861.00	92.30	177.80	4,844.36	-4,082.03	95.73	4,083.13	1.98	1.88	0.63
8,892.00	93.00	177.80	4,842.92	-4,112.97	96.91	4,114.09	2.26	2.26	0.00
8,947.00	93.20	177.40	4,839.95	-4,167.84	99.21	4,168.99	0.81	0.36	-0.73
8,978.00	91.60	177.50	4,838.65	-4,198.78	100.59	4,199.96	5.17	-5.16	0.32
9,010.00	91.80	177.80	4,837.70	-4,230.74	101.90	4,231.94	1.13	0.63	0.94



Native Navigation
Survey Report



Company:	QEP Energy Services	Local Co-ordinate Reference:	Well DS 14G7-10-18
Project:	Desert Springs	TVD Reference:	RKB @ 5354.90usft (SST 88)
Site:	DS 14G7-10-18	MD Reference:	RKB @ 5354.90usft (SST 88)
Well:	DS 14G7-10-18	North Reference:	True
Wellbore:	DS 14G7-10-18	Survey Calculation Method:	Minimum Curvature
Design:	DS 14G7-10-18	Database:	Compass DB Connection

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)
9,041.00	92.40	177.70	4,836.57	-4,261.70	103.12	4,262.91	1.96	1.94	-0.32
9,073.00	92.00	177.40	4,835.34	-4,293.64	104.49	4,294.88	1.56	-1.25	-0.94
9,104.00	91.80	177.20	4,834.31	-4,324.59	105.95	4,325.85	0.91	-0.65	-0.65
9,136.00	91.20	176.60	4,833.47	-4,356.53	107.68	4,357.82	2.65	-1.88	-1.88
9,168.00	91.80	177.30	4,832.63	-4,388.48	109.38	4,389.79	2.88	1.88	2.19
9,199.00	92.00	177.30	4,831.61	-4,419.43	110.84	4,420.76	0.65	0.65	0.00
9,231.00	91.50	177.20	4,830.63	-4,451.37	112.37	4,452.73	1.59	-1.56	-0.31
9,263.00	91.30	177.30	4,829.85	-4,483.33	113.91	4,484.71	0.70	-0.63	0.31
9,295.00	91.60	177.30	4,829.04	-4,515.28	115.41	4,516.69	0.94	0.94	0.00
9,326.00	92.10	177.80	4,828.04	-4,546.24	116.74	4,547.67	2.28	1.61	1.61
9,358.00	92.00	178.30	4,826.89	-4,578.20	117.83	4,579.64	1.59	-0.31	1.56
9,390.00	92.10	178.60	4,825.75	-4,610.17	118.69	4,611.62	0.99	0.31	0.94
9,421.00	92.00	178.90	4,824.64	-4,641.14	119.37	4,642.60	1.02	-0.32	0.97
9,453.00	91.70	179.30	4,823.61	-4,673.12	119.87	4,674.58	1.56	-0.94	1.25
9,484.00	91.90	179.60	4,822.63	-4,704.10	120.17	4,705.57	1.16	0.65	0.97
9,516.00	92.30	180.30	4,821.46	-4,736.08	120.20	4,737.54	2.52	1.25	2.19
9,548.00	92.40	180.50	4,820.15	-4,768.05	119.97	4,769.50	0.70	0.31	0.63
9,579.00	92.10	180.70	4,818.93	-4,799.03	119.65	4,800.46	1.16	-0.97	0.65
9,612.00	92.60	181.30	4,817.58	-4,831.99	119.07	4,833.41	2.37	1.52	1.82
9,643.00	92.40	180.70	4,816.22	-4,862.96	118.53	4,864.36	2.04	-0.65	-1.94
9,675.00	92.40	181.40	4,814.88	-4,894.93	117.95	4,896.31	2.19	0.00	2.19
9,706.00	92.70	181.40	4,813.51	-4,925.89	117.19	4,927.25	0.97	0.97	0.00
9,738.00	92.70	181.90	4,812.00	-4,957.84	116.27	4,959.17	1.56	0.00	1.56
9,769.00	92.40	181.50	4,810.62	-4,988.79	115.35	4,990.10	1.61	-0.97	-1.29
9,801.00	92.00	181.10	4,809.39	-5,020.76	114.62	5,022.05	1.77	-1.25	-1.25
9,832.00	92.00	181.00	4,808.31	-5,051.74	114.06	5,053.01	0.32	0.00	-0.32
9,864.00	93.10	181.70	4,806.88	-5,083.69	113.30	5,084.95	4.07	3.44	2.19
9,896.00	92.00	180.70	4,805.46	-5,115.66	112.63	5,116.89	4.64	-3.44	-3.13
9,927.00	91.80	180.70	4,804.43	-5,146.64	112.26	5,147.85	0.65	-0.65	0.00
9,959.00	92.70	181.80	4,803.18	-5,178.60	111.56	5,179.80	4.44	2.81	3.44
9,991.00	92.70	182.20	4,801.67	-5,210.55	110.44	5,211.71	1.25	0.00	1.25
10,023.00	92.00	182.10	4,800.36	-5,242.50	109.24	5,243.63	2.21	-2.19	-0.31
10,054.00	91.80	181.90	4,799.33	-5,273.46	108.16	5,274.57	0.91	-0.65	-0.65
10,097.00	91.80	181.90	4,797.98	-5,316.42	106.74	5,317.49	0.00	0.00	0.00

Checked By: _____ Approved By: _____ Date: _____

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU68387
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: DS 14G-7-10-18
2. NAME OF OPERATOR: QEP ENERGY COMPANY	9. API NUMBER: 43047524360000
3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078	PHONE NUMBER: 303 308-3068 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0784 FSL 1395 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 07 Township: 10.0S Range: 18.0E Meridian: S	9. FIELD and POOL or WILDCAT: UTELAND BUTTE COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/18/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input checked="" type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

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: *Derek Quist*

NAME (PLEASE PRINT) Jan Nelson	PHONE NUMBER 435 781-4331	TITLE Permit Agent
SIGNATURE N/A	DATE 6/18/2013	



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 43047524360000

Insufficient information provided to approve request.

C

RECEIVED

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

SEP 30 2014 FORM 6

Div. of Oil, Gas & Mining

ENTITY ACTION FORM

Operator: QEP ENERGY COMPANY Operator Account Number: N 3700
Address: 11002 EAST 17500 SOUTH
city VERNAL
state UT zip 84078 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

9/30/2014

Title

Date

RPA
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>



IN REPLY REFER TO:
3180 (UTU87719X)
UT922000

Ms. Laura Rippentrop
QEP Energy Company
1050 17th Street, Suite 500
Denver, Colorado 80265

RECEIVED
SEP 22 2014
DIV. OF OIL, GAS & MINING
SEP 19 2014

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,

Handwritten signature of Roger L. Bankert in cursive script.

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
Chief, Branch of Minerals
Bureau of Land Management

Contract No: UTU87719X