FILE NOTATIONS

Entered in N I D File .....

Entered On S R Sheet .....

Location Map Pinned .....

Card Indexed .....

I W R for State or Fee Land .....

Sent to OGCC

Checked by Chief .....

Copy N I D to Field Office .....

Approval Letter .....

Disapproval Letter .....

COMPLETION DATA:

Date Well Completed 6-20-52

OW ✓ WW..... TA.....

GW..... OS..... PA.....

Location Inspected .....

Bond released

State of Fee Land .....

LOGS FILED

Driller's Log ✓

Electric Logs (No.) .....

E..... I..... E-I..... GR..... GR-N..... Micro.....

Lat..... Mi-L..... Sonic..... Others.....

Budget Bureau 42-R358.4
Approval Expires 12-31-52

Land Office Salt Lake City
Lease No. U-0543
Unit Red Wash

SUBMIT IN TRIPLICATE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MAR 17 1952

RECEIVED
MAR 14 1952
SALT LAKE CITY, UTAH

ORIGINAL FORWARDED TO SUPT.

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	X	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Rangely, Colo. March 12, 19 52

Well No. 15 is located 2055 ft. from {N/S} line and 1980 ft. from {E/W} line of sec. 17

SW, NE, Sec. 17 (¼ Sec. and Sec. No.) T7S (Twp.) R96W (Range) SLBM (Meridian)

Red Wash (Field) Uintah (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5752 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

It is proposed to drill a test for oil for completion in the Green River formation to estimated total depth of 5852'.

Proposed casing program is:

16" OD conductor casing at approx. 50', cemented to surface

10-3/4" surface casing at approx. 600', cemented to surface

7" OD oil string through Green River zone at 5852' estimated depth with sufficient cement to exclude all potential oil or gas zones.

Estimated top Green River 2792'

Estimated top Wasatch 5852'

(SEE ATTACHED RIDER FOR APPROVAL)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company THE CALIFORNIA COMPANY

Address RANGELY, COLORADO

By M. W. Grant

Title Field Supt.

U. S. GOVERNMENT PRINTING OFFICE 16-43257-3

11

Budget Bureau No. 42-R358.4
Approval expires 12-31-52

Land Office Salt Lake
Lease No. U-02148
Unit Red Wash

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ORIGINAL FORWARDED TO CASPER MAY 6 - 1952

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		10 3/4" OD Casing	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 5, 19 52

Well No. 15 is located 2055 ft. from {N/S} line and 1980 ft. from {E/W} line of sec. 17

SW/4 NE/4 Sec 17 (¼ Sec. and Sec. No.) T 7 S (Twp.) R 24 E (Range) SLBM (Meridian)

Red Wash (Field) Uintah (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5752 ft. (E.S.T.)

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

TD 531'

Ran 16 jts. 10 3/4" 40.5#, J-55, 8 rd Thd Casing to 515' and cemented with 265 sax of common cement. Cement returns obtained at surface. Casing equipped with 4 centralizers spaced 90' apart on bottom. Ran Baker float shoe on bottom with Baker Float Collar 2 joints up.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The California Company

Address Rangely, Colorado

Approved MAY 6 - 1952

C A Hauptman
District Engineer

By M. W. Grant

Title Field Superintendent

17

U. S. GOVERNMENT PRINTING OFFICE 16-68257-6

Budget Bureau No. 42-R358.1.
Approval expires 11-30-60.

Land Office Salt Lake City
Lease No. U-02148
Unit Red Wash

Form 9-331 a
(March 1942)

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MAY 6 - 1952

ORIGINAL FORWARDED TO CASPER

RECEIVED
APR 28 1952
U. S. OIL & GAS SURVEY
U. S. GEOLOGICAL SURVEY
LAKE CITY, UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL		DST #1	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Rangely, Colorado, April 22, 1952

Well No. 15 is located 2055 ft. from {N/S} line and 1980 ft. from {E/W} line of sec. 17

SWSE, Sec. 17 (¼ Sec. and Sec. No.) T 7 S (Twp.) R 24 E (Range) SLBM (Meridian)

Red Wash (Field) Uintah (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5752 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cemenling points, and all other important proposed work)

Tested interval 4038 - 4074' (Lost Circulation Zone). Tool open one hour, shut in ½ hour. No BHC, no WC, good blow with 3 psi. on 3/4" surface choke. No gas or fluid to surface. Recovered 400' RHM with sal. of 130 ppm. and 2700' of fresh water with sal. of 120 ppm.

Pressures:

	IF	FF	SI	HH
HT	670	980	1385	2050
FRD	800	1300	1425	2100

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The California Company

Address Rangely, Colorado

By M. W. Grant by F.L.

Title Field Supt.

Approved MAY 6 - 1952

C. A. Stapleton
District Engineer

U. S. GOVERNMENT PRINTING OFFICE 16-8427-8

19

Form 9-331a
(Feb. 1951)

Budget Bureau No. 42-R358.4
Approval expires 12-31-55.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ORIGINAL FORWARDED TO CASPER MAY 6 - 1952

Land Office Salt Lake City
Lease No. U-02148
Unit Red Wash

RECEIVED
MAY 5 - 1952

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		DST #3	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Rangely, Colorado April 28, 1952

Well No. 15 is located 2055 ft. from {N/S} line and 1980 ft. from {E/W} line of sec. 17

SWNE Sec. 17 (¼ Sec. and Sec. No.) T7S (Twp.) R24E (Range) SLBM (Meridian)

Red Wash (Field) Uintah (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5752 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Tested interval 4711 - 4801. Set two HOWCO packers with bottom packer at 4711'. No BHI, no WC. Tool open 70 min., shut in 30 min. Surface choke 1", 30 psi surface pressure. Good blow increasing to very good. Gas to surface in 12 min., yellow and orange flame. Gas volume 519 MCF per day. Recovered 540' RHM 25% gas cut with salinity of 180 ppm.

	IF	FF	SI	HH
BT	145	240	1705	2290
BHP	240	240	1625	2340

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company THE CALIFORNIA COMPANY

Address RANGELY, COLORADO

Approved MAY 6 - 1952
C A Huntsman
District Engineer

By N. W. Grant
N. W. Grant for T.K.

Title Field Supt.

U. S. GOVERNMENT PRINTING OFFICE 16-68287-4

18

Budget Bureau 42-R358
Approval expires 12-31-

Form 9-331 a
(Feb. 1951)

(SUBMIT IN TRIPLICATE)

Land Office Salt Lake
Lease No. U-02148
Unit Red Wash

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ORIGINAL FORWARDED TO OPERATOR
MAY 6 - 1952

RECEIVED
MAY 5 - 1952

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		DST #4	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Rangely, Colo. May 1, 1952, 19

Well No. 15 is located 2055 ft. from {N/S} line and 1980 ft. from {E/W} line of sec. 17

SW NE Sec 17 (¼ Sec. and Sec. No.) T7S (Twp.) R25E (Range) SLBM (Meridian)

Red Wash (Field) Uintah (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5752 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Tested interval 4900 - 4938, to test show in cuttings. No BHC, no WC. Tool opened 10:05 P.M. on 1" surface choke. Very weak blow diminishing to no blow in 15 min. No gas to surface. Tool shut in 10:50 to 11:20 P.M. Recovered 10' mud, salinity 500 ppm. Salinity of drilling mud - 130 ppm.

	IF	FF	SI	HH
BT	0	0	40	2430
PRD	0	0	0	2510

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company THE CALIFORNIA COMPANY

Address RANGELY, COLORADO

Approved MAY 6 - 1952
C A Hauptman
District Engineer

By W. W. Grant

Title Field Supt.

16

U. S. GOVERNMENT PRINTING OFFICE 16-8437-4

Form 9-331a
(Feb. 1951)

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. U-[illegible]
Unit Red Wash

ORIGINAL FOR ... TO TO ...

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL		DST #2	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Rangely, Colorado May 7, 1952

Well No. 15 is located 2055 ft. from {N/S} line and 1980 ft. from {E/W} line of sec. 17

SW NW Sec. 17 (¼ Sec. and Sec. No.) T7S (Twp.) R24E (Range) SLBM (Meridian)

Red Wash (Field) Uintah (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5752 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Tested interval 4476 - 4592 - HOWCO packer set at 4476. No BHC, no WC. Tool open 40 min., shut in 15 min. Surface pressure 0 psi. Faint blow, no gas to surface. Recovered 180' rat hole mud with slainity of 275 ppm.

	IF	FF	SI	HH
BP	40	148	1047	2310
FRD	100	190	1000	2350

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The California Company

Address Rangely, Colorado

MAY 12 1952

(SEAL) (Signature) C. A. Stauffacher

District Engineer

By M. W. Grant M. W. Grant by A.A.

Title Field Supt.

U. S. GOVERNMENT PRINTING OFFICE 16-2687-4

13

Budget Bureau 42-R356.5
Approval expires 12-31-52

Form 9-331a
(Feb. 1951)

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ORIGINAL FORWARDED TO CASPER

Land Office Salt Lake City
Lease No. U-02148
Unit Red Wash

RECEIVED
MAY 12 1952

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		DST #5	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 7, 1952, 19

Well No. 15 is located 2055 ft. from {N/S} line and 1980 ft. from {E/W} line of sec. 17

SW NE Sec 17 (¼ Sec. and Sec. No.) T7S (Twp.) R24E (Range) SLBM (Meridian)

Red Wash (Field) Uintah (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5752 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Tested interval 5112 - 5181 - HOWCO packer set at 5112'. No BHC, no WC, tool open one hour 1" surface choke with 12 lbs pressure. Good blow increasing to very good. Combustible gas to surface in 6 min., volume gas 565 MCFD. Tool shut in 30 min. Recovered 210' mud 25% gas cut with salinity of 360 ppm.

	IF	FF	SI,	HH
BT	60	95	2010	2615
FBD	170	120	1950	2650

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The California Company

Address Rangely, Colorado

Approved MAY 2 1952

District Engineer

By M. W. Grant
M. W. Grant

Title Field Supt.

U. S. GOVERNMENT PRINTING OFFICE 16-35257-4

15

Budget Bureau 42-R358.4
Approval expires 12-31-52

Form 9-331 a
(Feb. 1952)

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ORIGINAL FURNISHED TO JASPER

Land Office Salt Lake City
Lease No. U 402148
Unit Red Wash

RECEIVED
MAY 12 1952
GEOLOGICAL SURVEY
SALT LAKE CITY, UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		DST #6	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Rangely, Colo. May 7, 1952 19

Well No. 15 is located 2055 ft. from {N/S} line and 1980 ft. from {E/W} line of sec. 17

SW NE Sec 17 (¼ Sec. and Sec. No.) T7S (Twp.) R24E (Range) SLBM (Meridian)

Red Wash (Field) Uintah (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5752 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Tested interval 5207' - 5236', HOWCO packer set at 5207', no BHC - no WC. Tool open one hour shut in 30 min. 1" surface choke - no pressure. Faint blow increasing to good. No gas or fluid to surface. Recovered 300' mud - trace of oil - no gas. Salinity of mud 380 ppm and 690' water with salinity of 70 ppm.

	IF	FF	SI	HH
BT	360	460	1840	2600
FWB	450	460	1750	2600

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The California Company

Address Rangely, Colorado

By M W Grant
M. W. Grant

Title Field Supt.

Approved MAY 26 1952
District Engineer

U. S. GOVERNMENT PRINTING OFFICE 16-84257-4

14

Budget Bureau 42-R358.4
Approval expires 12-31-52

Land Office Salt Lake City
Lease No. U-[illegible]
Unit Red Wash

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ORIGINAL FORWARDED TO OASPER

RECEIVED
MAY 12 1952

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
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NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		DST #7	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Rangely, Colorado May 8, 1952

Well No. 15 is located 2055 ft. from {N/S} line and 1980 ft. from {E/W} line of sec. 17

SW NE Sec. 17 (¼ Sec. and Sec. No.) T7S (Twp.) R24E (Range) SLBM (Meridian)

Red Wash (Field) Uintah (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5752 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Tested interval 5236'-5291' HD600 packer set at 5236'. No BHC no WC. Tool open one hour, shut in 30 min. Surface choke 1" with 90 psi. pressure. Very strong blow. Combustible gas to surface in 4 min. Gas volume 2190 MCFD. Recovered 479' mud 50% gas cut with salinity of 270 ppm.

	IF	FF	SI	HH
DP	315	375	1960	2563
PSD	400	475	1900	2500

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The California Company

Address Rangely, Colorado

Approved MAY 2[illegible] 1952

C. A. Hauptman
District Engineer

By M. W. Grant
M. W. Grant

Title Field Supt.

U. S. GOVERNMENT PRINTING OFFICE 16-8427-4

12

Budget Bureau 42-R358.4
Approval expires 12-31-52

Land Office Salt Lake City
Lease No. [illegible]
Unit Red Wash

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MAY 20 1952

RECEIVED MAY 15 1952

ORIGINAL FORWARDED TO CASPER

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		DST #8	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Rangely, Colorado, May 12, 19 52

Well No. 15 is located 2055 ft. from {N/S} line and 1980 ft. from {E/W} line of sec. 17

SW SW, Sec. 17 (¼ Sec. and Sec. No.) T. 7 S. (Twp.) R. 96 W. (Range) 6th PM (Meridian)

Red Wash (Field) Uintah (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5752 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Tested interval 5291' - 5346' - Johnston packer set at 5291'. No BHC, no WC, tool open 1 hr., shut in 20 min. Good blow increasing to strong blow in 5 min. Gas to surf. in 12 min. 1" surf. Choke, with 29 Psi., gas vol. 791 MCFD. Rec. 429' gas cut mud with Sal. of 100 ppm. - 47 units total gas with 28 methane.

	IF	FF	SI	HH
PSI	250	450	2100	2800
PSI	250	475	2050	2800

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The California Co.

Address Rangely, Colorado

By M. W. Grant by [illegible]

Title Field Supt.

Approved MAY 20 1952

C. A. Sauptmann
District Engineer

U. S. GOVERNMENT PRINTING OFFICE 16-84257-4

10

Budget Bureau 42-R358.4
Approval expires 12-31-52

Land Office Salt Lake City
Lease No. U-02263
Unit Red Wash

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

MAY 20 1952 MAY 15 1952

ORIGINAL FORWARDED TO CASPER

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	X
NOTICE OF INTENTION TO ABANDON WELL		DST #9	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Rangely, Colorado, May 13, 1952

Well No. 15 is located 2065 ft. from {N/S} line and 1980 ft. from {E/W} line of sec. 17

SW NE, Sec. 17 (¼ Sec. and Sec. No.) T 7 S (Twp.) R 24 E (Range) SLBM (Meridian)

Red Wash (Field) Uintah (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5752 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Tested Interval 5345 - 5401' - Set 2 HOWCO pkrs. at 5345' and 5336'. No BHC, no WC, 1" surf. choke. Tool open 1 hr., SI 30 min., good blow increasing to strong blow in 4 min. Gas to surf. in 12 min. with 1 Psi. pressure. Gas vol. too small to measure. Rec. 120' gas cut mud with 90 units total and 79 methane and Sal. of 190 ppm. and 360' oil.

	IF	FF	SI	HH
BT	273	565	2085	2664
PSI	600	600	2100	2700

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The California Co.

Address Rangely, Colorado

Approved MAY 20 1952

C A Hauptman

By M. W. Grant / M. W. Grant by E.L.

Title Field Supt.

U. S. GOVERNMENT PRINTING OFFICE 16-8437-4

9

Budget Bureau 42-R358.2.
Approval expires 12-31-52.

Form 9-331 a
(Feb. 1951)

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ORIGINAL FORWARDED TO CASPER

Land Office Salt Lake City
Lease No. U - 02148
Unit Red Wash

RECEIVED
MAY 19 1952

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		DST #10	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 15, 19 52

Well No. 15 is located 2055 ft. from {N/S} line and 1980 ft. from {E/W} line of sec. 17

SW NE Sec. 17 (¼ Sec. and Sec. No.) T7S (Twp.) R24E (Range) SLBM (Meridian)

Red Wash (Field) Uintah (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5752 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Tested interval 5404'-5456' - Set HOWCO packer at 5404'. No BHC - No WC. Tool open 1 hour. Shut in 30 minutes. Good blow increasing to very strong blow. Gas to surface in 4 minutes. Gas vol. 1770 MCF/D. Surface pressure 73 PSI on 1" choke. Recovered 538' heavily gas cut mud and 20' of heavily gas cut and slightly oil cut mud.

	IF	FF	SI	HH
BT	295	420	2010	2870
FBD	420	430	2000	2800

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The California Company

Address Rangely, Colorado

By M. W. Grant

Title Field Supt.

U. S. GOVERNMENT PRINTING OFFICE 16-8437-4

8

Budget Bureau 42-R358.4
Approval expires 12-31-52

Form 9-331 a
(Feb. 1951)

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ORIGINAL FORWARDED TO CASPER

Land Office Salt Lake City
Lease No. U-02148
Unit Red Wash

MAY 21 1952

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		DST #11	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Rangely, May 19, 1952

Well No. 15 is located 2055 ft. from [N] line and 1980 ft. from [E] line of sec. 17

SW NE, Sec. 17 (¼ Sec. and Sec. No.) T 7 S (Twp.) R 24 E (Range) SLBM (Meridian)

Red Wash (Field) Uintah (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5752 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Tested interval 5449' - 5511'. Johnston packer set at 5449'. No WC, no BHC, tool open 45 min., SI 30 min. Faint blow decreasing to zero in 15 minutes, No surface pressure on 7/8" choke. No gas or fluid to surf. Rec. 75' mud.

	IF	FF	SI	HH
FRD	0	0	0	2900
FRD	0	0	0	2900

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The California Co.

Address Rangely, Colorado

MAY 2 1 1952

Approved C A Hauptman
District Engineer

By M. W. Grant
M. W. Grant

Title Field Supt.

U. S. GOVERNMENT PRINTING OFFICE 16-8437-4

7

Budget Bureau 42-R358.2
Approval expires 12-31-52.

Form 9-331 a
(Feb. 1951)

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ORIGINAL FORWARDED TO CASPER

Land Office Salt Lake City
Lease No. U-02148
Unit Red Wash

RECEIVED
MAY 23 1952

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		DST #12	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Rangely, Colorado, May 19, 1952

Well No. 15 is located 2055 ft. from N line and 1980 ft. from E line of sec. 17

SW NE Sec. 17 (¼ Sec. and Sec. No.) T 7 S (Twp.) R 24 E (Range) SLBM (Meridian)

Red Wash (Field) Uintah (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5752 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Tested interval 5515' - 5567'. HOWCO packer set at 5515'. No BHC, no WC, tool open one hr., SI 30 min. Good blow with 4 psi. surf. pressure through ¼" choke. No gas or fluid to surf. Rec. 350' mud with 70 units hydrogen sulfide and 2800' of sulphur water with Sal. of 500 ppm. Gas 77 units hydrogen sulfide. Sal. of drilling fluid 500 ppm.

	IF	FF	SI	HH
BT	485	1570	1722	2800
PRD	780	1700	1790	2950

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The California Company

Address Rangely, Colorado

By M. W. Grant
M. W. Grant

Title Field Supt.

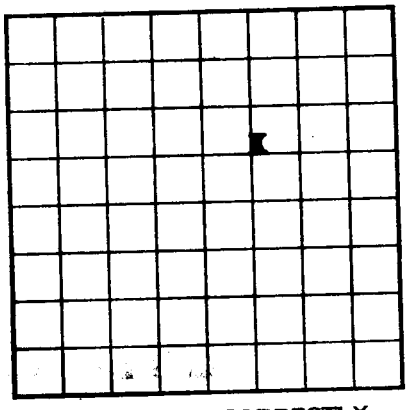
Approved MAY 2 1952
C. A. Hauptmann
District Engineer

U. S. GOVERNMENT PRINTING OFFICE 16-84377-4

6

Form 9-330

LAND OFFICE Salt Lake City
SERIAL NUMBER U-02148
LEASE OR PERMIT TO PROSPECT Red Wash



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED JUL 3 - 1952 U.S. OIL & GAS GEOLOGICAL SURVEY SALT LAKE CITY, UTAH

ORIGINAL FORWARDED TO ... 7-21-52

LOG OF OIL OR GAS WELL

Company The California Company Address Rangely, Colorado
Lessor or Tract Unit Field Red Wash State Utah
Well No. 15 Sec. 17 T. 7 S R. 24 E Meridian SLBM County Uintah
Location 2055 ft. {N./S.} of N Line and 1980 ft. {E./W.} of E Line of Sec. 17 Elevation 5709' (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed M. W. Grant by APD
Title Field Supt.

Date June 27, 1952

The summary on this page is for the condition of the well at above date

Commenced drilling March 29, 1952 Finished drilling May 27, 1952

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

4752 - 4758 G
5123 - 5126 G
5243 - 5246.5 G

No. 1, from 5268 to 5269 G
5276 5278.5 G
No. 2, from 5284 to 5288 G
5304.5 5308 G
No. 3, from 5323 to 5330 G
5352 5354

No. 4, from 5369 - 5398 5402 to 5402.5
5403.5 5406 G
No. 5, from 5411 to 5414 G
5426 5437
No. 6, from to

IMPORTANT WATER SANDS

No. 1, from 5228 to 5230
No. 2, from 5233 to 5236
No. 3, from 5523 to 5537
No. 4, from to

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
10-3/4"	40.5#	8	Republic	498	Baker				
7"	23#	8	Premium	5507	Baker				Production
			Detroit						Stringer
							5408	5418	
							5387	5392	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	515	265	Halliburton		
7	5523	175 Sax StrataCrete & 75 Sax Neat Cement	Halliburton		

* This interval perf. 1/8 shots per foot all other 4 shots per foot.

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set
Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

FOLD | MARK

TOOLS USED

Rotary tools were used from Surface feet to 5802 feet, and from feet to feet

Cable tools were used from feet to feet, and from feet to feet

DATES

Tested June 24, 1952 Put to producing June 20, 1952

The production for the ~~last~~ above 24 hours was 102 barrels of fluid of which 99.4 % was oil; — % emulsion; .4 % water; and — % sediment. Gravity, °Be

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

Earl Reigh, Driller R. B. Grimes, Driller

Earl Batchelor, Driller Chester Johns, Driller

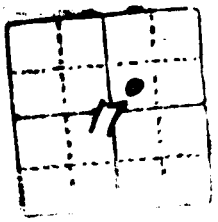
FORMATION RECORD

FROM	TO—	TOTAL FEET	FORMATION
Surface	3000'	3000'	Shale with sand streaks
3000'	3765'	765'	Sand and shale with lime streaks
3765'	3790'	25'	Shale and lime
3790'	4500'	710'	Shale and lime with sand streaks
4500'	4540'	40'	Sand
4540'	4700'	160'	Shale and lime with sand streaks
4700'	4730'	30'	Sand
4730'	5100'	370'	Shale and lime with sand streaks
5100'	522 5'	125'	Sand and shale
5225'	5420'	195'	Shale with sand streaks
5420'	5465'	45'	Sand and shale
5465'	5523'	58'	Shale with sand streaks

(OVER)

Budget Bureau 42-R358.4
Approval expires 12-31-52.

Form 9-331a
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. U-02148
Unit Red Wash

RECEIVED
JUN 13 1952

ORIGINAL FORWARDED TO C. SPER JUN 27 1952

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO [redacted]	X	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Rangely, Colorado, June 5, 19 52

Well No. 15 is located 2055 ft. from {N/S} line and 1980 ft. from {E/W} line of sec. 17

[redacted] Sec. 17 (¼ Sec. and Sec. No.) T 7 S (Twp.) R 24 E (Range) SLBM (Meridian)

Red Wash (Field) Uintah (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5709 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

TD 5802' PBTD 5425' - Plant to perforate for production with four jet shots per foot and four conventional bullets per foot the following intervals: 5367 - 5372', 5377 - 5397', 5401 - 5405', and 5408 - 5413'.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The California Co.

Address Rangely, Colorado

By M. W. Grant
M. W. Grant A.P.

Title Field Supt.

Approved JUN 27 1952
C. A. Houghton
District Engineer

U. S. GOVERNMENT PRINTING OFFICE 16-84257-4

4

Budget Bureau 42-R358.4
Approval expires 10-31-52.

Land Office Salt Lake City
Lease No. U-02148
Unit Red Wash

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ORIGINAL FORWARDED TO CASPER JUN 27 1952

RECEIVED
JUN 13 1952
GEOLOGICAL SURVEY
SALT LAKE CITY, UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF [redacted]	X
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Rangely, Colorado, June 5, 1952

Well No. 15 is located 2055 ft. from {N/S} line and 1980 ft. from {E/W} line of sec. 17

[redacted], Sec. 17 (¼ Sec. and Sec. No.) T 7 S (Twp.) R 24 E (Range) SLBM (Meridian)

Red Wash (Field) Uintah (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5709 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

TD 5802 - PBTD 5425 - Perforated for production with four jet shots per foot and four conventional bullets per foot, using McCullough Tool Company equipment the following intervals: 5367 - 5372' - 5377 - 5397', 5401 - 5405', and 5408 - 5413'.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The California Co.

Address Rangely, Colorado

By M. W. Grant
M. W. Grant F.K.

Title Field Supt.

Approved JUN 27 1952
C. A. Huntsman
District Engineer

U. S. GOVERNMENT PRINTING OFFICE 16-8627-4

5

Budget Bureau 42-R358.4
Approval expires 12-31-52.

Form 9-331a
(Feb. 1951)

(SUBMIT IN TRIPLICATE)

Land Office Salt Lake City
Lease No. U-0116
Unit Red Wash

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ORIGINAL FORWARDED TO CASPER JUN 27 1952

RECEIVED JUN 13 1952 U. S. GEOLOGICAL SURVEY SALT LAKE CITY, UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		Derrick Floor Elevation	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Rangely, Colorado, June 5, 1952

Well No. 15 is located 2055 ft. from {N/S} line and 1980 ft. from {E/W} line of sec. 17

SW/SW Sec. 17 (¼ Sec. and Sec. No.) T 7 S (Twp.) R 24 E (Range) SLBM (Meridian)

Red Wash (Field) Uintah (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5709 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Previous reports have reported estimated derrick floor elevation. Correct derrick floor elevation is 5709'.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The California Company

Address Rangely, Colorado

Approved JUN 27 1952
C A Hauptman
District Engineer

By M W Grant
M. W. Grant L.R.

Title Field Supt.

U. S. GOVERNMENT PRINTING OFFICE 16-84377-4

3

Budget Bureau 42-R358.4
Approval expires 12-31-52.

Land Office Salt Lake City
Lease No. [redacted]
Unit [redacted]

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ORIGINAL FORWARDED TO CASPER JUN 1952

RECEIVED
JUN 13 1952
U.S. GEOLOGICAL SURVEY
SALT LAKE CITY, UTAH

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
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NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		Report of 7" Casing	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Rangely, Colorado, June 5, 1952

Well No. 15 is located 2055 ft. from {N/S} line and 1980 ft. from {E/W} line of sec. 17

Sec. 17 (Sec. and Sec. No.) T 7 S (Twp.) R 24 E (Range) SLBM (Meridian)

Red Wash (Field) Uintah (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is 5709 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

TD 5802 - Ran 133 jts. of 7", 23#, 8rd thd. French and German make casing with Baker float shoe on bottom and Baker float collar 85' off bottom and with five centralizers in interval 5518' - 5163' and 20 wall scratchers in interval 5508 - 5223'. Casing landed at 5523' and cemented with 175 sax of strata-crete cement followed by 75 sax neat cement. No circulation while cementing. Ran temperature survey and located top of cement at 3700'. 7" casing and BOP's tested to 1500 psi. with clear water for 30 min.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The California Co.

Address Rangely, Colorado

By M. W. Grant
M. W. Grant

Title Field Supt.

Approved JUN 27 1952
C. A. Hauptman
District Engineer

U. S. GOVERNMENT PRINTING OFFICE 16-2437-4

2

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well [X] gas well [ ] other

2. NAME OF OPERATOR
Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR
P.O. Box 599, Denver, CO. 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 2055' FNL & 1980' FEL SWNE
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
U-02148

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Red Wash

8. FARM OR LEASE NAME

9. WELL NO.
15 (32-17C)

10. FIELD OR WILDCAT NAME

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 17, T7S, R24E, SWNE

12. COUNTY OR PARISH: Uinta
13. STATE: WY

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
DF 5709'

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	[ ]	[ ]
FRACTURE TREAT	[ ]	[ ]
SHOOT OR ACIDIZE	[ ]	[ ]
REPAIR WELL	[ ]	[ ]
PULL OR ALTER CASING	[ ]	[ ]
MULTIPLE COMPLETE	[ ]	[ ]
CHANGE ZONES	[ ]	[ ]
ABANDON*	[ ]	[ ]

(other) Convert to single hydrocarbon gas reinjector

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

It is proposed to acidize this well and perform a scale inhibitor squeeze per attached procedure.

3-USGS
2-State
3-Partners
1-Sec 723
1-Fld Foreman
1-File

No additional surface disturbances required for this activity.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Arlene F. Bush TITLE Engineering Asst. DATE November 9, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

WELL NAME: 15 (32-17C)

FIELD: Red Wash

PROPOSED TREATMENT PROCEDURE

1. Objective: To increase oil production by 10 BOPD
2. Size and type of treatment: 1500 gals 15% HCl
3. Intervals to be treated:
   5367 - 5413
4. Treatment down casing or tubing: Casing
5. Method of localizing its effects: Produced wtr with benzoic acid flakes.
6. Disposal of treating fluid: Swab back acid to frac tank
7. Name of company to do work: Halliburton, Dowell, Western
8. Anticipated additional surface disturbances: None
9. Estimated work date: ASAP
10. Present status, current production and producing interval:

Date	BOPD	MCFD	BWPD
10/82	±7	-	±25

RWU NO. 15 (32-17C)
RED WASH/MAIN AREA

Workover Procedures

1. POOH w/ rods, pump, and tubing.

2. CO to PBTD.

3. Isolate perfs 5367-5413 and pump 15% HCl as follows: Additives are 10 gal/M FE-1A iron sequestering agent, 50 gal/M Parasperse paraffin dispersant, 2 gal/M Tri-S surfactant, 5 gal/M HC-2 suspending agent, 50 #/M Spacer-Sperse dispersant, and 2 gal/M HAI-55 corrosion inhibitor.

   1500 gal acid
   500 gal produced water w/ 150 # benzoic acid flakes
   1500 gal acid
   flush to top perf w/ produced water

4. Swab back acid load.

5. Perform scale inhibitor squeeze as follows:

   10 bbl of a 10% solution of Nalco #9DS-087 in produced water
   25 bbl produced water
   200 bbl produced water mixed w/ 4 # $CaCl_2$ per bbl water
   flush to top perf w/ produced water.

6. RIH w/ production string landing pump below bottom perf and turn well over to RW production.

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well [x] gas well [ ] other

2. NAME OF OPERATOR
Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR
P. O. Box 599, Denver, CO. 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 2055' FNL & 1980' FEL SWNE
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
U-02148

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Red Wash

8. FARM OR LEASE NAME

9. WELL NO.
15(32-17C)

10. FIELD OR WILDCAT NAME

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 17, T7S, R24E

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
GL 5700'

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	[ ]	[ ]
FRACTURE TREAT	[ ]	[ ]
SHOOT OR ACIDIZE	[x]	[ ]
REPAIR WELL	[ ]	[ ]
PULL OR ALTER CASING	[ ]	[ ]
MULTIPLE COMPLETE	[ ]	[ ]
CHANGE ZONES	[ ]	[ ]
ABANDON*	[ ]	[ ]
(other) Scale Inhibitor Squeeze		

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Corrected Items 12, 13, 15 and 16.

3-MMS
2-State
3-Partners
1-Sec. 723
1-Fld Foreman
1-File

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Arlene F. Bush TITLE Engineering Asst. DATE November 18, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well [X] gas well [ ] other

2. NAME OF OPERATOR
Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR
P. O. Box 599, Denver, Co. 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 2055' FNL & 1980' FEL SWNE
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
U-02148

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Red Wash Unit

8. FARM OR LEASE NAME

9. WELL NO.
15 (32-17C)

10. FIELD OR WILDCAT NAME

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 17, T7S, R24E

12. COUNTY OR PARISH: Uintah
13. STATE: Ut.

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
GR 5700'

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	[ ]	[ ]
FRACTURE TREAT	[ ]	[ ]
SHOOT OR ACIDIZE	[ ]	[X]
REPAIR WELL	[ ]	[ ]
PULL OR ALTER CASING	[ ]	[ ]
MULTIPLE COMPLETE	[ ]	[ ]
CHANGE ZONES	[ ]	[ ]
ABANDON*	[ ]	[ ]
(other)		

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well was acidized and treated it - a scale inhibitor as follows:

1. MIRU, POOH W/RODS, PMP, & TBG, ND TREE, NU BOPE.
2. MADE SCRPR RUN TO PBTD (5452'). RIH W/PKR & SET @ 5432'. PRESS TESTED BCKSIDE POOH W/PKR.
3. ACIDIZE PERFS 5367-5413 W/3000 GAL 15% HCl. (See Detail Sheet). SWBD PERFS.
4. PMPD SCALE INHIBITOR SQZ. PMPD @ 6 BPM/300PSI, ISIP - ON VACUUM. 10 BBLS 10% SOLUTIO OF NALCO #9DS5-4987 W/FORM WTR 25 B.W. - 200 B.W. W/4#/BBL $CaCl_2$. FLUSHED CHEMICALS TO BTM PERF.
5. POOH W/PKR. RIH W/PROD. STRNG ND BOPE. SET BKR ANCHOR CATHER @ 5302'. LAND TBG, RU WELLHEAD.
6. RIH W/PMP & RODS. TURN WELL OVER TO PROD. RD MOL.

3-MMS
2-State
1-MEC
1-Fld Forema
3-partners
1-File

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED Ernest Leonard TITLE Engineering Asst. DATE February 11, 1983

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

WELL NAME RWU 15 (32-17C)

FIELD NAME Red Wash Unit

COMPLETED TREATMENT PROCEDURE

1. Size and type of treatment: 3,000 gal 15% HCl

2. Intervals treated: 5367-5413

3. Treatment down casing or tubing: TBG

4. Methods used to localize effects: Benzoic Acid Flakes were used as Diverting Agents.

5. Disposal of treating fluid: Spent acid was Swbd to Frac Tank.

6. Depth to which well was cleaned out: PBTD 5452'

7. Date of work: 11-10-82

8. Company who performed work:

9. Production interval: 5367-5413

10. Status and production before treatment:

Date	BOPD	MCFD	BWPD
10/82	±7	-	±25

11. Status and production after treatment:

Date	BOPD	MCFD	BWPD
12/82	2246	16861	11791

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
MAY 10 1985
DIVISION OF OIL GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.: U-02148

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL [X] GAS WELL [ ] OTHER

7. UNIT AGREEMENT NAME: Red Wash

2. NAME OF OPERATOR: CHEVRON U.S.A. INC.

8. FARM OR LEASE NAME:

3. ADDRESS OF OPERATOR: P. O. BOX 599, DENVER, CO 80201

9. WELL NO.: 15 (32-17C)

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 2055' FNL & 1980' FEL SWNE

10. FIELD AND POOL, OR WILDCAT:

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: S. 17, T7S, R24E

14. PERMIT NO.: 15445

15. ELEVATIONS (Show whether DF, RT, GR, etc.): GL 5700

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF		PULL OR ALTER CASING		WATER SHUT-OFF		REPAIRING WELL	
FRACTURE TREAT	X	MULTIPLE COMPLETE		FRACTURE TREATMENT		ALTERING CASING	
SHOOT OR ACIDIZE	X	ABANDON*		SHOOTING OR ACIDIZING		ABANDONMENT*	
REPAIR WELL		CHANGE PLANS		(Other)			
(Other)							

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

It is proposed to perforate and fracture stimulate the RWU 15.
See attached procedure.

3 - BLM
2 - State
3 - Partners
1 - LJT
1 - S.724C
1 - File

ACCEPTED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 5/16/85
BY: John R. Baza

Federal approval of this action is required before commencing operations.

No additional surface disturbances required for this activity.

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

SIGNED: Arlene F. Busch TITLE: Engineering Asst. DATE: May 6, 1985

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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

WELL DATA SHEET

RWU #15 (32-17C)
FEBRUARY 15, 1985

TD: 5,800
PBTD: 5,479

Initial Completion (6/8/52) Oil well

Perfs: 4 bullets/ft and 4 jets/ft: 5,367-5,372, 5,377-5,397, 5,401-5,405, 5,408-5,413
8 bullets/ft: 5,387-5,392

Casing Detail (5/29/52)

F.S.	1.68
2 jts. 7" 23# 8rd casing	84.54
F.C.	1.47
131 jts. 7" 23# J-55 8rd casing	5,452.52
Total casing run	5,540.21
Cut off	- 32.83
	5,507.38
K.B. to hanger	15.50
Total depth	5,522.88

Workovers

1. Sand-oil squeeze (2/17/59)
   Production before: 104 BOPD, 4 BWPD, 182 MCFD (Jan. 1959)
   Production after: 126 BOPD, 2 BWPD, 203 MCFD (March 1959)

2. Glass bead-oil frac (6/21/63)
   Production before: 31 BOPD, 1 BWPD, 670 MCFD (final tour report: 6/21/63)
   Production after: 171 BOPD, 2 BWPD, 1,009 MCFD (final tour report: 6/21/63)

3. Sand-glass bead (1/4/67)
   Production before: 20 BOPD, 1 BWPD, 603 MCFD (final tour report: 1/4/67)
   Production after: 63 BOPD, 29 BWPD, 766 MCFD (final tour report: 1/4/67)

4. (11/82)
   Acidize perfs 5377-5413 w/ 3000 gal. 15% HCl
   Perform scale inhibitor squeeze
   Production before: 8 BOPD, 51 BWPD, 20 MCFD
   Production after: 19 BOPD, 83 BWPD, 20 MCFD

Current Zone of Completion

	Open Perfs	
4 bullets/ft and 4 jets/ft:	5,367-5,372	L

RWU #15 (32-17C)
FEBRUARY 15, 1985

4 bullets/ft and 4 jets/ft:	5,377-5,397	L, L_B
8 bullets/ft:	5,387-5,392	L, L_B
4 bullets/ft and 4 jets/ft:	5,401-5,405	L_B
	5,408-5,413	L_B

Rod Detail: 3/30/84

1½ x 20' polish rod
1 = 1 x 4'
50 = 2 x 25'
56 = 7/8 x 25'
109 = 3/4 x 25'

Tubing Detail: 11/18/82

KB	15.50
Stretch	1.50
166 - 2-7/8, J-55	5285.09
Baker Anchor Catcher	2.35
3 - 2-7/8, J-55	95.34
1 - 2-7/8, J-55	4.05
1 - 2-7/8, J-55	10.22
PSN	1.10
1 - 2-7/8	31.28
Tubing Landed @	5446.43

RWU 15 (32-17C)
Red Wash Unit/Main Area
Add perfs & fracture stimulate

1. MIR & RU
2. Hot oil as necessary, POOH w/rods & pump.
3. N/D well Head. N/U BOPE w/2-7/8' rams & test
4. Release BAC. POOH w/Tbg.
5. Install 3-1/2" tbg. Rams & test.
6. Make Bit & scraper run on 3-1/2" tbg to PBTD (5479).
7. R/U Lubricator & test. Perforate the following intervals w/4" csg guns at 2 spf. (Depths picked from Schlumberger EL Log Dated 5/28/52 Run #2)

Interval	Feet
5324-28	4
5429-33	4
	8 feet - 16 shots

8. RIH w/RBP & pkr. Isolate interval 5429-33 & B/D perfs w/filtered 2% KCL fluid.
9. Repeat step 8 for interval 5324-28.
10. Set RBP and Pkr in "Rathole" 5433 to 5479. P-Test Pkr and tbg to 3500 psi.
11. Reset Packer above all perfs.
12. Frac interval 5324-5433 down 3-1/2" tbg as detailed on stimulation program.
13. SWI and allow pressure to dissipate.
14. POOH L/D 3-1/2" tbg and packer.

14A. Install 2-7/8" tbg rams and test.

15. RIH w/notched collar on 2-7/8" tbg & clean out to PBTD. Circ. clean.
16. RIH w/production tbg. BAC at ± 5145 PSN at ± 5175. Gas anchor at ± 5205.
17. N/D BOPE. N/U well Head.
18. RIH w/pump & rods.
19. TWOTP.

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
AUG 21 1985
DIVISION OF OIL, GAS & MINING

1. OIL WELL [X] GAS WELL [ ] OTHER

2. NAME OF OPERATOR: Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR: P. O. Box 599, Denver, CO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: 2055' FNL & 1980' FEL (SW, NE)

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.): GL: 5700'

5. LEASE DESIGNATION AND SERIAL NO.: U-02148

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME: Red Wash

8. FARM OR LEASE NAME

9. WELL NO.: 15 (32-17C)

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 17, T7S, R24E

12. COUNTY OR PARISH: Unitah

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF		PULL OR ALTER CASING		WATER SHUT-OFF		REPAIRING WELL	
FRACTURE TREAT		MULTIPLE COMPLETE		FRACTURE TREATMENT	X	ALTERING CASING	
SHOOT OR ACIDIZE		ABANDON*		SHOOTING OR ACIDIZING	X	ABANDONMENT*	
REPAIR WELL		CHANGE PLANS		(Other)			
(Other)							

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

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Work began on Red Wash Unit #15 (32-17C) August 2, 1985.

1. MIRU Gudac Well Service pulling unit. POOH w/ pump & rods. ND WH. NU & tested BOPE. POOH w/ tbg. Made bit & scraper run to 5448'. Perforated 7" casing 5324'-5328' & 5429'-5433' w/ 4 cjpf.
2. Isolated perfs w/ RBP & pkr. Fracture treated all perf 5324'-5433' (GI) w/ 21,475 gals gelled wtr & 49,000# sand. POOH w/ tools.
3. Ran production tbg. ND BOPE. NU WH. Ran pump and rods. Rigged down and moved out pulling unit. Returned well to production.

Work completed August 8, 1985.

3-BLM
3-STATE
1-FF
3-SLI
1-LJT
1-Sec. 724C
1-LLK

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

SIGNED L. R. Fitzpatrick TITLE Permit Coordinator DATE August 16, 1985

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

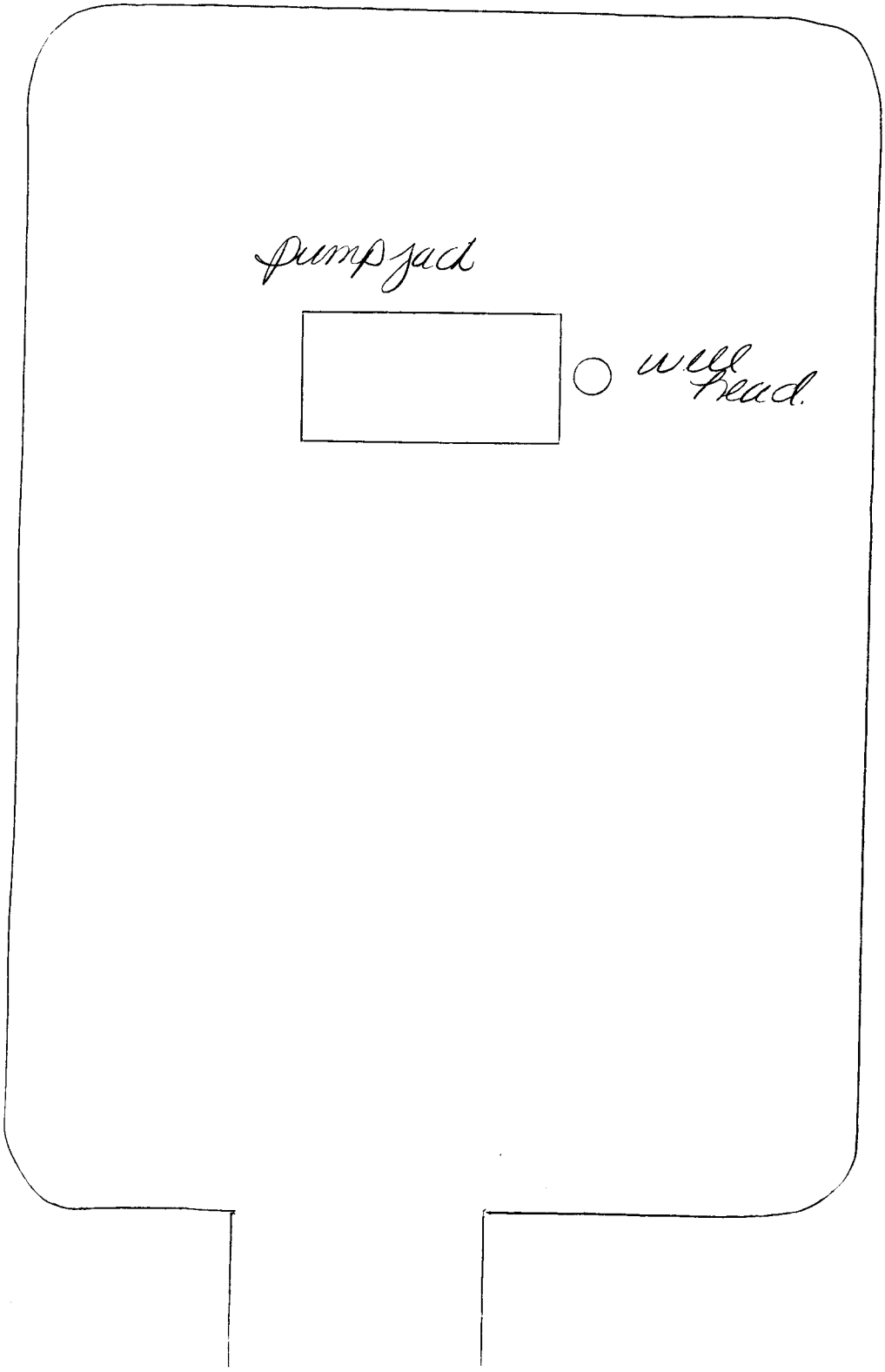
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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

RWU 15 32-17C | Sec 17, T3S, R4E | @ Idy 9/28/88

N



NATIONAL 42-381 50 SHEETS 5 SQUARE 42-382 100 SHEETS 5 SQUARE 42-389 200 SHEETS 5 SQUARE Made in U.S.A.

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
U-02148

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation
Red Wash Unit

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

RECEIVED
SEP 01 1993
DIVISION OF
OIL, GAS & MINING

8. Well Name and No.
RWU #15 (32-17C)

2. Name of Operator
Chevron U.S.A. Inc.

9. API Well No.
43-047-15145

3. Address and Telephone No.
P.O. Box 455, Vernal, Utah 84078 (801) 789-2442

10. Field and Pool, or Exploratory Area
Red Wash-Grn. River

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2055' FNL, 1980' FEL, SEC. 17, T7S, R24E

11. County or Parish, State
Uintah, Utah

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

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

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

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

We propose to add perforations to this gas producer as follows:

1. **RU perforators and make a gauge ring run to 5300'.**
2. **Perforate the following intervals with 4 JSPF: 4627-4630' (H), 4688-4692' (Hb), 4751-4767' (Hf), 5119-5129' (Je/Jf), 5252-5262' (Kc), 5275-5287' (Kd).**
3. **Return well to production.**

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE 9-2-93
BY FR Matthews

14. I hereby certify that the foregoing is true and correct
Signed Diana Mough Title Oper. Assistant Date 08/19/93

(This space for Federal or State office use)

Approved by: _____ Title _____ Date _____
Conditions of approval, if any:

FVLARB-5.BLM (JRL #2)

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
U-02148

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation
Red Wash Unit

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

RECEIVED
SEP 17 1993
DIVISION OF
OIL, GAS & MINING

8. Well Name and No.
RWU #15 (32-17C)

2. Name of Operator
Chevron U.S.A. Inc.

9. API Well No.
43-047-15145

3. Address and Telephone No.
P.O. Box 455, Vernal, Utah 84078 (801) 789-2442

10. Field and Pool, or Exploratory Area
Red Wash-Grn. River

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2055' FNL, 1980' FEL, SEC. 17, T7S, R24E

11. County or Parish, State
Uintah, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☐ Abandonment	☐ Change of Plans
✓ ☒ Subsequent Report	☒ Recompletion	☐ New Construction
☐ Final Abandonment Notice	☐ Plugging Back	☐ Non-Routine Fracturing
	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
	☐ Other _____	☐ Dispose Water
		(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

The following work was completed between 08/26-08/27/93: ✓

1. **Perforate the following intervals with 4 JSPF: 5275-5287' (Kd), 5252-5262' (Kc), 5119-5129' (Je/Jf), 4751-4767' (Hf), 4688-4692' (Hb), 4627-4630' (H).**
2. **Return well to production.**

14. I hereby certify that the foregoing is true and correct
Signed Linda Trough Title Oper. Assistant Date 09/15/93

(This space for Federal or State office use)

Approved by: _____ Title _____ Date _____
Conditions of approval, if any:

FVLARB-5.BLM (JRL #2)

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
U-02148

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

RECEIVED
MAY 25 1994
DIV. OF OIL, GAS & MINING

7. If Unit or CA, Agreement Designation
RED WASH UNIT

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

8. Well Name and No.
RWU #15 (32-17C)

2. Name of Operator
CHEVRON U.S.A. PRODUCTION COMPANY

9. API Well No.
43-047-15145

3. Address and Telephone No.
11002 EAST 17500 SOUTH, VERNAL, UT 84078-8526 (801) 781-4302

10. Field and Pool, or Exploratory Area
RED WASH-GRN. RIVER

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2055' FNL, 1980' FEL, SEC. 17, T7S/R24E

11. County or Parish, State
UINTAH, UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[X] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[ ] Other _____	[ ] Dispose Water
		(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

We propose to complete the subject well as follows:

1. MIRU.
2. **Perforate the following zones with 4 JSPF: 4488-4494' (Gh), 4461-4476' (GeGf), 4450-4454' (Gd), 4440-4443' (Gd), 4428-4435' (GbGc) 4416-4420' (Ga).**
3. **RDMO. Return well to production.**

Accepted by the Utah Division of Oil, Gas and Mining

FOR RECORD ONLY

14. I hereby certify that the foregoing is true and correct
Signed [signature] Title **Operations Assistant** Date **05/23/94**

(This space for Federal or State office use)

Approved by: _____ Title _____ Date 9/14/94

Conditions of approval, if any

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

***See Instruction on Reverse Side**

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
SEP - 1 1994
DIV. OF OIL, GAS & MINING

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

5. Lease Designation and Serial No.
U-02148

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation
RED WASH UNIT

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

8. Well Name and No.
RWU #15 (32-17C)

2. Name of Operator
CHEVRON U.S.A. PRODUCTION COMPANY

9. API Well No.
43-047-15145

3. Address and Telephone No.
11002 EAST 17500 SOUTH, VERNAL, UT 84078-8526 (801) 781-4302

10. Field and Pool, or Exploratory Area
RED WASH-GRN. RIVER

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2055' FNL, 1980' FEL, SEC. 17, T7S/R24E

11. County or Parish, State
UINTAH, UTAH

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

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

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

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

We propose to clean the contaminated soil and oil from the pit and haul it to our composting facility for composting. After the pit is clean and the BLM has inspected it, we would then back fill the pit with clean uncontaminated soil mixed with finished compost that has a TPH of 1% or less. This mixture would consist of 50% soil and 50% compost.

Accepted by the State of Utah Division of Oil, Gas and Mining
Date: 9-7-94
By: [signature]

14. I hereby certify that the foregoing is true and correct.
Signed: Laura Pough Title: **Operations Assistant** Date: **08/30/94**

(This space for Federal or State office use)

Approved by: *Federal Approval of this Action is Necessary* Title _____ Date _____

Conditions of approval, if any

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

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
APR 13 1995
DIV OF OIL, GAS & MINING

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
U-02148

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation
RED WASH UNIT

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

8. Well Name and No.
RWU #15 (32-17C)

2. Name of Operator
CHEVRON U.S.A. PRODUCTION COMPANY

9. API Well No.
43-047-15145

3. Address and Telephone No.
11002 EAST 17500 SOUTH, VERNAL, UT 84078-8526 (801) 781-4302

10. Field and Pool, or Exploratory Area
RED WASH-GRN. RIVER

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2055' FNL, 1980' FEL, SEC. 17, T7S/R24E

11. County or Parish, State
UINTAH, UTAH

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

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

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

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

Subject pit was closed as of 4/5/95 as per BLM specifications. The site will be seeded in the fall of 1995.

14. I hereby certify that the foregoing is true and correct.
Signed: [signature] Title: Operations Assistant Date: 4/5/95

(This space for Federal or State office use)

Approved by: Title: Date:

Conditions of approval, if any

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

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: U-02148

6. If Indian, Allottee or Tribe Name:

7. If Unit or C.A. Agreement Designation: RED WASH UNIT

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

8. Well Name and No.: RWU #15 (32-17C)

2. Name of Operator: CHEVRON U.S.A. PRODUCTION COMPANY

9. API Well No.: 43-047-15145

3. Address and Telephone No.: 11002 E. 17500 S., VERNAL, UT 84078-8526 (801) 781-4300

10. Field and Pool, or Exploratory Area: RED WASH - GRN. RIVER

4. Location of Well (Footage, Sec., T., R., M., or Survey Description): SEC. 17 . T7S/R24E,2055'FNL,1980'FEL

11. County or Parish, State: UINTAH, UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
	[ ] Recompletion	[ ] New Construction
[ ] Subsequent Report	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
[ ] Final Abandonment Notice	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other Replace Bellows gas meter	[ ] Dispose Water
		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

We request permission to replace dry flow Bellows gas meters with electronic flow meters (EFM) at the following facility:

RWU # 15 (32-17C), Gas Well # 15 (32-17C) Meter

Documentation will be conducted according to Onshore Order No. 5 Paragraph III. Hard copies of monthly volume statements will be retained along with electronic data.

Calibration will continue as previously scheduled.

Volume reporting process will not be changed.

Wayne Bankert is familiar with this type of measurement and has been contacted.

JAN 5 1996

14. I hereby certify that the foregoing is true and correct.
Signed: [signature] Title: Petroleum Technologist Date: OCTOBER 24, 1995

(This space for Federal or State office use)

Approved by: Title: Date:

Conditions of approval, if any:

Accepted by the Utah Division of Oil, Gas and Mining

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

FOR RECORD ONLY

*See instruction on Reverse Side

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

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

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation
RED WASH UNIT
I-SEC NO 761

1. Type of Well
Oil Well [ ] Gas Well [ ] [X] Other MULTIPLE WELLS SEE ATTACHED LIST

8. Well Name and No.

2. Name of Operator
CHEVRON U.S.A. INC.

9. API Well No.

3. Address and Telephone No
11002 E. 17500 S. VERNAL, UT 84078-8526 (801) 781-4300

10. Field and Pool, or Exploratory Area
RED WASH - GREEN RIVER

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

11. County or Parish, State
UINTAH, UTAH

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

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

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

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

As of January 1, 2000 Chevron U.S.A. INC. resigns as Operator of the Red Wash Unit.
The Unit Number is I-SEC NO 761 effective October 31, 1950.

The successor operator under the Unit Agreement will be
Shenandoah Energy Inc.
475 17th Street, Suite 1000
Denver, CO 80202

Agreed and accepted to this 29th day of December, 1999

Shenandoah Energy Inc.
By: Mitchell L. Solich
Mitchell L. Solich
President

RECEIVED
DEC 30 1999
DIVISION OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.
Signed A. E. Wacker A. E. Wacker Title Assistant Secretary Date 12/29/99

(This space for Federal or State office use)

Approved by: Title Date

Conditions of approval, if any

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

*See instruction on Reverse Side

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING		
1. GLH		4-KAS
2. CDW ✓		5-SLS
3. JLT		6-FILE

Enter date after each listed item is completed

X **Change of Operator (Well Sold)** — Designation of Agent

Operator Name Change (Only) — Merger

The operator of the well(s) listed below has changed, effective: **01-01-2000**

FROM: (Old Operator):
CHEVRON USA INC
Address: 11002 E. 17500 S.
VERNAL, UT 84078-8526

Phone: 1-(435)-781-4300
Account No. N0210

TO: (New Operator):
SHENANDOAH ENERGY INC
Address: 11002 E. 17500 S.
VERNAL, UT 84078

Phone: 1-(435)-781-4300
Account N4235

CA No. **Unit:** **RED WASH**

WELL(S)

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
RWU 166 (23-14A)	43-047-15276	5670	14-07S-22E	FEDERAL	OW	PA
RWU 146 (12-21A)	43-047-16492	99998	21-07S-22E	FEDERAL	OW	PA
RWU 175 (34-28A)	43-047-15282	5670	28-07S-22E	FEDERAL	OW	PA
RWU 149 (21-33A)	43-047-15262	5670	33-07S-22E	FEDERAL	OW	PA
RWU 155 (23-33A)	43-047-15266	5670	33-07S-22E	FEDERAL	OW	PA
RWU 159 (14-33A)	43-047-15269	5670	33-07S-22E	FEDERAL	OW	PA
RWU 163 (34-33A)	43-047-15273	5670	33-07S-22E	FEDERAL	OW	PA
RWU 171 (32-33A)	43-047-15279	5670	33-07S-22E	FEDERAL	OW	PA
RWU 160 (32-15B)	43-047-15270	5670	15-07S-23E	FEDERAL	OW	P
RWU 162 (12-20B)	43-047-15272	5670	20-07S-23E	FEDERAL	OW	TA
RWU 17 (41-20B)	43-047-15146	5670	20-07S-23E	FEDERAL	OW	TA
RWU 167 (23-21B)	43-047-15277	5670	21-07S-23E	FEDERAL	OW	P
RWU 147 (22-22B)	43-047-15260	5670	22-07S-23E	FEDERAL	OW	P
RWU 168 (23-24B)	43-047-15278	5670	24-07S-23E	FEDERAL	OW	TA
RWU 165 (32-26B)	43-047-15275	5670	26-07S-23E	FEDERAL	GW	S
RWU 164 (12-28B)	43-047-15274	5670	28-07S-23E	FEDERAL	OW	P
RWU 153 (14-29B)	43-047-15265	5670	29-07S-23E	FEDERAL	OW	P
RWU 158 (32-30B)	43-047-15268	5670	30-07S-23E	FEDERAL	OW	P
RWU 172 (21-30B)	43-047-15280	5670	30-07S-23E	FEDERAL	OW	TA
RWU 154 (41-32B)	43-047-16494	5670	32-07S-23E	FEDERAL	OW	PA
RWU 15 (32-17C)	43-047-15145	99998	17-07S-24E	FEDERAL	OW	P
RWU 152 (41-17C)	43-047-16493	5670	17-07S-24E	FEDERAL	GW	PA

OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 12-30-1999

2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 08-09-2000

3. The new company has been checked through the **Department of Commerce, Division of Corporations Database on:** 08-23-2000

4. Is the new operator registered in the State of Utah: YES Business Number: 224885

5. If **NO**, the operator was contacted contacted on: _____

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 02/04/2000

7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 02/04/2000

8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A

9. **Underground Injection Control ("UIC") Pro** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: _____

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 09/11/2000

2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 09/11/2000

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: N/A

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: N/A

2. The **FORMER** operator has requested a release of liability from their bond on: N/A
   The Division sent response by letter on: N/A

3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on:

FILMING:

1. All attachments to this form have been **MICROFILMED** on: 03-09-01

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: _____

COMMENTS:

United States Department of the Interior

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

RECEIVED
FEB 07 2000
DIVISION OF
OIL, GAS AND MINING

IN REPLY REFER TO
UT-931

February 4, 2000

Shenandoah Energy Inc.
Attn: Rae Cusimano
475 17th Street, Suite 1000
Denver, Colorado 80202

Re: Red Wash Unit
Uintah County, Utah

Gentlemen:

On December 30, 1999, we received an indenture whereby Chevron U.S.A. Inc. resigned as Unit Operator and Shenandoah Energy Inc. was designated as Successor Unit Operator for the Red Wash Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 4, 2000. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Red Wash Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0969 will be used to cover all operations within the Red Wash Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

cc: Chevron U.S.A. Inc.

bcc: Field Manager - Vernal (w/enclosure)
[redacted]
Minerals Adjudication Group U-932
File - Red Wash Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

UT931:TAThompson:tt:2/4/00

Well Status Report
Utah State Office
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
UTU0116	4304715258	144 (21-18B) RED WAS	NENW	18	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU081	4304715259	145 (24-13B) RED WAS	SESW	13	T 7S	R23E	OSI	CHEVRON U S A INCORPORATED
~~UTU0559~~	~~4304716492~~	~~146 (12-21A) RED WAS~~	~~SWNW~~	~~21~~	~~T 7S~~	~~R22E~~	~~P+A~~	~~CHEVRON U S A INCORPORATED~~
UTU081	4304715260	147 (22-22B) RED WAS	SENW	22	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU081	4304715261	148 (13-22B) RED WAS	NWSW	22	T 7S	R23E	WIW	CHEVRON U S A INCORPORATED
~~UTU0571~~	~~4304715262~~	~~149 (21-33A) RED WAS~~	~~NENW~~	~~33~~	~~T 7S~~	~~R22E~~	~~P+A~~	~~CHEVRON U S A INCORPORATED~~
UTU02148	4304715145	15 (32-17C) RED WASH	SWNE	17	T 7S	R24E	PGW	CHEVRON U S A INCORPORATED
UTU081	4304715263	150 (31-22B) RED WAS	NWNE	22	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU081	4304715264	151 (42-14B) RED WAS	SENE	14	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
~~UTU02148~~	~~4304716493~~	~~152 (41-17C) RED WAS~~	~~NENE~~	~~17~~	~~T 7S~~	~~R24E~~	~~P+A~~	~~CHEVRON U S A INCORPORATED~~
UTU02025	4304715265	153 (14-29B) RED WAS	SWSW	29	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
~~STATE~~	~~4304716494~~	~~154 (41-32B) RED WAS~~	~~NENE~~	~~32~~	~~T 7S~~	~~R23E~~	~~P+A~~	~~CHEVRON USA INC~~
~~UTU0571~~	~~4304715266~~	~~155 (23-33A) RED WAS~~	~~NESW~~	~~33~~	~~T 7S~~	~~R22E~~	~~P+A~~	~~CHEVRON U S A INCORPORATED~~
UTU081	4304715267	156 (23-15B) RED WAS	NESW	15	T 7S	R23E	WIW	CHEVRON U S A INCORPORATED
UTU02025	4304715268	158 (32-30B) RED WAS	SWNE	30	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
~~UTU0571~~	~~4304715269~~	~~159 (14-33A) RED WAS~~	~~SWSW~~	~~33~~	~~T 7S~~	~~R22E~~	~~P+A~~	~~CHEVRON U S A INCORPORATED~~
UTU02030	4304716475	16 (43-28B) RED WASH	NESE	28	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU081	4304715270	160 (32-15B) RED WAS	SWNE	15	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU02030	4304715271	161 (14-20B) RED WAS	SWSW	20	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU02030	4304715272	162 (12-20B) RED WAS	SWNW	20	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
~~UTU0570~~	~~4304715273~~	~~163 (34-33A) RED WAS~~	~~SWSE~~	~~33~~	~~T 7S~~	~~R22E~~	~~P+A~~	~~CHEVRON U S A INCORPORATED~~
UTU02025	4304715274	164 (12-28B) RED WAS	SWNW	28	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0566	4304715275	165 (32-26B) RED WAS	SWNE	26	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
~~UTU0562~~	~~4304715276~~	~~166 (23-14A) RED WAS~~	~~NESW~~	~~14~~	~~T 7S~~	~~R22E~~	~~ABD~~	~~CHEVRON U S A INCORPORATED~~
UTU0567	4304715277	167 (23-21B) RED WAS	NESW	21	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU082	4304715278	168 (23-24B) RED WAS	NESW	24	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0569	4304715146	17 (41-20B) RED WASH	NENE	20	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU081	4304716495	170 (41-15B) RED WAS	NENE	15	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
~~UTU0570~~	~~4304715279~~	~~171 (32-33A) RED WAS~~	~~SWNE~~	~~33~~	~~T 7S~~	~~R22E~~	~~P+A~~	~~CHEVRON U S A INCORPORATED~~
UTU02030	4304715280	172 (21-30B) RED WAS	NENW	30	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0569	4304716496	173 (21-21B) RED WAS	NENW	21	T 7S	R23E	WIW	CHEVRON U S A INCORPORATED
UTU0933	4304715281	174 (21-20B) RED WAS	NENW	20	T 7S	R23E	WIW	CHEVRON U S A INCORPORATED
~~UTU0558~~	~~4304715282~~	~~175 (34-28A) RED WAS~~	~~SWSE~~	~~28~~	~~T 7S~~	~~R22E~~	~~ABD~~	~~CHEVRON U S A INCORPORATED~~
UTU02030	4304715283	176 (31-28B) RED WAS	NWNE	28	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU02030	4304715284	177 (42-28B) RED WAS	SENE	28	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU081	4304715285	178 (22-13B) RED WAS	SENW	13	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
~~UTU0570~~	~~4304715286~~	~~179 (43-33A) RED WAS~~	~~NESE~~	~~33~~	~~T 7S~~	~~R22E~~	~~P+A~~	~~CHEVRON U S A INCORPORATED~~
~~UTU02149~~	~~4304715147~~	~~18 (41-19C) RED WASH~~	~~NENE~~	~~19~~	~~T 7S~~	~~R24E~~	~~ABD~~	~~CHEVRON U S A INCORPORATED~~
UTU082	4304715287	180 (31-23B) RED WAS	NWNE	23	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU02025	4304715288	181 (34-30B) RED WAS	SWSE	30	T 7S	R23E	POW	CHEVRON U S A INCORPORATED
UTU0933	4304716497	182 (14-21B) RED WAS	SWSW	21	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU081	4304715289	183 (33-13B) RED WAS	NWSE	13	T 7S	R23E	WIW	CHEVRON U S A INCORPORATED
UTU0566	4304715290	184 (23-26B) RED WAS	NESW	26	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU081	4304716498	185 (41-14B) RED WAS	NENE	14	T 7S	R23E	WIWSI	CHEVRON U S A INCORPORATED
~~UTU02030~~	~~4304716499~~	~~186 (12-30B) RED WAS~~	~~SWNW~~	~~30~~	~~T 7S~~	~~R23E~~	~~P+A~~	~~CHEVRON U S A INCORPORATED~~
UTU02030	4304715291	188 (23-20B) RED WAS	NESW	20	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
STATE	4304715292	189 (41-16B) RED WAS	NENE	16	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0566	4304715148	19 (34-26B) RED WASH	SWSE	26	T 7S	R23E	GSI	CHEVRON U S A INCORPORATED
~~UTU0560~~	~~4304716500~~	~~190 (34-29A) RED WAS~~	~~SWSE~~	~~29~~	~~T 7S~~	~~R22E~~	~~P+A~~	~~CHEVRON U S A INCORPORATED~~

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold) — Designation of Agent/Operator

X Operator Name Change — Merger

The operator of the well(s) listed below has changed, effective: **2/1/2003**

FROM: (Old Operator):	**TO:** (New Operator):
N4235-Shenandoah Energy Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341	N2460-QEP Uinta Basin Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341

CA No. **Unit:** **RED WASH**

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	Confid
RWU 126 (41-29A)	29	070S	220E	4304715243	5670	Federal	OW	P	
RWU 145 (24-13B)	13	070S	230E	4304715259	5670	Federal	OW	TA	
RWU 143 (33-14B)	14	070S	230E	4304715257	5670	Federal	OW	P	
RWU 151 (42-14B)	14	070S	230E	4304715264	5670	Federal	OW	P	
RWU 129 (14-15B)	15	070S	230E	4304715246	5670	Federal	OW	P	
RWU 160 (32-15B)	15	070S	230E	4304715270	5670	Federal	OW	P	
RWU 144 (21-18B)	18	070S	230E	4304715258	5670	Federal	OW	TA	
RWU 125 (34-19B)	19	070S	230E	4304715242	5670	Federal	OW	TA	
RWU 127 (12-19B)	19	070S	230E	4304715244	5670	Federal	OW	TA	
RWU 136 (43-19B)	19	070S	230E	4304715252	5670	Federal	OW	TA	
RWU 13 (14-22B)	22	070S	230E	4304715143	5670	Federal	OW	TA	
RWU 140 (24-22B)	22	070S	230E	4304715255	5670	Federal	OW	P	
RWU 147 (22-22B)	22	070S	230E	4304715260	5670	Federal	OW	TA	
RWU 141 (11-27B)	27	070S	230E	4304715256	5670	Federal	OW	TA	
RWU 137 (34-28B)	28	070S	230E	4304715253	5670	Federal	GW	TA	
RWU 153 (14-29B)	29	070S	230E	4304715265	5670	Federal	OW	P	
RWU 138 (41-30B)	30	070S	230E	4304715254	5670	Federal	OW	P	
RWU 158 (32-30B)	30	070S	230E	4304715268	5670	Federal	OW	P	
RWU 133 (41-34B)	34	070S	230E	4304715250	5670	Federal	OW	P	
RWU 15 (32-17C)	17	070S	240E	4304715145	5670	Federal	OW	P	

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/2/2003
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/2/2003
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 6/19/2003
4. Is the new operator registered in the State of Utah: YES Business Number: 5292864-0151
5. If **NO**, the operator was contacted contacted on: ____

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

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 7/21/2003

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 7/21/2003

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 8/28/2003
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 8/28/2003
3. Bond information entered in RBDMS on: n/a
4. Fee wells attached to bond in RBDMS on: n/a

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: 965-003-032

FEDERAL WELL(S) BOND VERIFICATION:

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

INDIAN WELL(S) BOND VERIFICATION:

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

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 965-003-033

2. The **FORMER** operator has requested a release of liability from their bond on: n/a
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

QUESTAR

Questar Exploration and Production Company
Independence Plaza
1050 17th Street, Suite 500
Denver, CO 80265
Tel 303 672 6900 • Fax 303 294 9632

Denver Division

May 28, 2003

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

Attention: John Baza/Jim Thompson

Gentlemen:

This will serve as notice that through the internal corporate changes described below, activities formerly conducted in the name of either Shenandoah Operating Company, LLC (SOC) and/or Shenandoah Energy, Inc. (SEI) will hereafter be conducted in the name of QEP Uinta Basin, Inc.: i) the Shenandoah entities were purchased in July, 2001 by Questar Market Resources, Inc., which is a mid-level holding company for the non-utility businesses of Questar Corporation, ii) Shenandoah Operating Company, LLC has now been merged into Shenandoah Energy, Inc. (SEI), iii) Shenandoah Energy, Inc. has now been re-named **QEP Uinta Basin, Inc.** pursuant to a State of Delaware Amended and Restated Certificate of Incorporation, iv) the same employees will continue to be responsible for operations of the former SOC and SEI properties, both in the field and in the office. Accordingly, the change involves only an internal corporate name change and no third party change of operator is involved. Please alter your records to reflect the entity name change. Attached is a spreadsheet listing all wells affected by this change.

Should you have any questions, please call me at 303 - 308-3056.

Yours truly,

Frank Nielsen

Frank Nielsen
Division Landman

Enclosure

RECEIVED
JUN 02 2003
DIV. OF OIL, GAS & MINING

well_name	Sec	T	R	api	Entity	Lease Type	type	stat	
RED WASH 22-21B	21	070S	230E	4304733522	5670	Federal	OW	TA	
RED WASH 24-20B	20	070S	230E	4304733523	5670	Federal	OW	P	
RED WASH 305 (41-4F)	04	080S	240E	4304732538	5670	Federal	GW	TA	
RED WASH 306	23	070S	240E	4304732629	5670	Federal	GW	P	
RED WASH 44-19B	19	070S	230E	4304733524	5670	Federal	OW	P	
RED WASH 44-20B	20	070S	230E	4304733525	5670	Federal	OW	P	
RWU 1 (41-26B)	26	070S	230E	4304715135	5670	Federal	OW	TA	
RWU 10 (12-23B)	23	070S	230E	4304715141	5670	Federal	OW	TA	
RWU 101 (34-21B)	21	070S	230E	4304715220	5670	Federal	OW	P	
RWU 103 (34-15B)	15	070S	230E	4304715222	5670	Federal	OW	P	
RWU 108 (32-21B)	21	070S	230E	4304715226	5670	Federal	OW	P	
RWU 109 (21-28B)	28	070S	230E	4304715227	5670	Federal	OW	P	
RWU 110 (23-23A)	23	070S	220E	4304715228	5670	Federal	OW	P	
RWU 111 (32-24A)	24	070S	220E	4304715229	5670	Federal	OW	TA	
RWU 112 (32-28A)	28	070S	220E	4304715230	5670	Federal	OW	P	
RWU 115 (21-19B)	19	070S	230E	4304715233	5670	Federal	OW	P	
RWU 119 (43-29A)	29	070S	220E	4304715236	5670	Federal	OW	P	
RWU 120 (23-28B)	28	070S	230E	4304715237	5670	Federal	OW	TA	
RWU 121 (13-13B)	13	070S	230E	4304715238	5670	Federal	GW	P	
RWU 122 (24-14B)	14	070S	230E	4304715239	5670	Federal	OW	P	
RWU 125 (34-19B)	19	070S	230E	4304715242	5670	Federal	OW	TA	
RWU 126 (41-29A)	29	070S	220E	4304715243	5670	Federal	OW	P	
RWU 127 (12-19B)	19	070S	230E	4304715244	5670	Federal	OW	TA	
RWU 129 (14-15B)	15	070S	230E	4304715246	5670	Federal	OW	P	
RWU 13 (14-22B)	22	070S	230E	4304715143	5670	Federal	OW	TA	
RWU 133 (41-34B)	34	070S	230E	4304715250	5670	Federal	OW	P	
RWU 136 (43-19B)	19	070S	230E	4304715252	5670	Federal	OW	TA	
RWU 137 (34-28B)	28	070S	230E	4304715253	5670	Federal	GW	TA	
RWU 138 (41-30B)	30	070S	230E	4304715254	5670	Federal	OW	P	
RWU 140 (24-22B)	22	070S	230E	4304715255	5670	Federal	OW	P	
RWU 141 (11-27B)	27	070S	230E	4304715256	5670	Federal	OW	TA	
RWU 143 (33-14B)	14	070S	230E	4304715257	5670	Federal	OW	P	
RWU 144 (21-18B)	18	070S	230E	4304715258	5670	Federal	OW	TA	
RWU 145 (24-13B)	13	070S	230E	4304715259	5670	Federal	OW	TA	
RWU 147 (22-22B)	22	070S	230E	4304715260	5670	Federal	OW	TA	
RWU 15 (32-17C)	17	070S	240E	4304715145	5670	Federal	OW	P	
RWU 151 (42-14B)	14	070S	230E	4304715264	5670	Federal	OW	P	
RWU 153 (14-29B)	29	070S	230E	4304715265	5670	Federal	OW	P	
RWU 158 (32-30B)	30	070S	230E	4304715268	5670	Federal	OW	P	
RWU 160 (32-15B)	15	070S	230E	4304715270	5670	Federal	OW	P	
RWU 162 (12-20B)	20	070S	230E	4304715272	5670	Federal	OW	TA	
RWU 164 (12-28B)	28	070S	230E	4304715274	5670	Federal	OW	P	
RWU 165 (32-26B)	26	070S	230E	4304715275	5670	Federal	GW	TA	
RWU 167 (23-21B)	21	070S	230E	4304715277	5670	Federal	OW	S	
RWU 168 (23-24B)	24	070S	230E	4304715278	5670	Federal	OW	TA	
RWU 172 (21-30B)	30	070S	230E	4304715280	5670	Federal	OW	TA	
RWU 176 (31-28B)	28	070S	230E	4304715283	5670	Federal	OW	TA	
RWU 177 (42-28B)	28	070S	230E	4304715284	5670	Federal	OW	TA	
RWU 178 (22-13B)	13	070S	230E	4304715285	5670	Federal	OW	TA	
RWU 180 (31-23B)	23	070S	230E	4304715287	5670	Federal	OW	TA	
RWU 181 (34-30B)	30	070S	230E	4304715288	5670	Federal	OW	P	
RWU 184 (23-26B)	26	070S	230E	4304715290	5670	Federal	OW	TA	
RWU 188 (23-20B)	20	070S	230E	4304715291	5670	Federal	OW	TA	
RWU 19 (34-26B)	26	070S	230E	4304715148	5670	Federal	GW	TA	
RWU 192 (41-33A)	33	070S	220E	4304715294	5670	Federal	OW	P	
RWU 193 (43-24B)	24	070S	230E	4304715295	5670	Federal	GW	S	
RWU 194 (12-14B)	14	070S	230E	4304715296	5670	Federal	OW	S	
RWU 196 (23-17C)	17	070S	240E	4304715298	5670	Federal	GW	S	
RWU 201 (32-28C)	28	070S	240E	4304715302	5670	Federal	GW	P	
RWU 204 (23-25A)	25	070S	220E	4304715305	5670	Federal	OW	P	
RWU 205 (23-21C)	21	070S	240E	4304715306	5670	Federal	GW	TA	
RWU 207	17	070S	230E	4304732738	5670	Federal	OW	P	
RWU 21 (32-14B)	14	070S	230E	4304715150	5670	Federal	OW	P	
RWU 212 (41-8F)	08	080S	240E	4304720014	5670	Federal	GW	P	
RWU 21-24A	24	070S	220E	4304733592	5670	Federal	OW	P	

well_name	Sec	T	R	api	Entity	Lease Type	type	stat	
RWU 21-25A	25	070S	220E	4304733576	5670	Federal	OW	P	
RWU 219 (44-21C)	21	070S	240E	4304730149	5670	Federal	GW	P	
RWU 220 (22-23B)	23	070S	230E	4304730192	5670	Federal	OW	TA	
RWU 221 (13-27B)	27	070S	230E	4304730199	5670	Federal	OW	TA	
RWU 22-13A	13	070S	220E	4304733765	5670	Federal	OW	S	
RWU 22-19B	19	070S	230E	4304733559	5670	Federal	OW	P	
RWU 222 (31-27B)	27	070S	230E	4304730200	5670	Federal	GW	TA	
RWU 22-20B	20	070S	230E	4304733491	5670	Federal	OW	P	
RWU 22-25A	25	070S	220E	4304733786	5670	Federal	OW	P	
RWU 22-29B	29	070S	230E	4304733766	5670	Federal	OW	S	
RWU 224 (44-22B)	22	070S	230E	4304730202	5670	Federal	GW	TA	
RWU 225 (13-23B)	23	070S	230E	4304730212	5670	Federal	GW	TA	
RWU 226 (24-23B)	23	070S	230E	4304730249	5670	Federal	GW	S	
RWU 227 (14-26B)	26	070S	230E	4304730257	5670	Federal	OW	TA	
RWU 228 (21-34B)	34	070S	230E	4304730258	5670	Federal	OW	P	
RWU 229 (43-26B)	26	070S	230E	4304730259	5670	Federal	OW	TA	
RWU 230 (14-18C)	18	070S	240E	4304730309	5670	Federal	OW	TA	
RWU 231 (21-35B)	35	070S	230E	4304730310	5670	Federal	OW	TA	
RWU 232 (12-26B)	26	070S	230E	4304730311	5670	Federal	OW	TA	
RWU 23-24A	24	070S	220E	4304733567	5670	Federal	OW	P	
RWU 233 (12-25B)	25	070S	230E	4304730312	5670	Federal	OW	TA	
RWU 234 (32-24B)	24	070S	230E	4304730313	5670	Federal	OW	P	
RWU 235 (34-18C)	18	070S	240E	4304730314	5670	Federal	OW	P	
RWU 236 (21-19C)	19	070S	240E	4304730340	5670	Federal	GW	P	
RWU 237 (14-25B)	25	070S	230E	4304730341	5670	Federal	OW	P	
RWU 238 (32-35B)	35	070S	230E	4304730342	5670	Federal	OW	TA	
RWU 239 (41-35B)	35	070S	230E	4304730343	5670	Federal	OW	TA	
RWU 24 (34-14B)	14	070S	230E	4304715152	5670	Federal	OW	P	
RWU 240 (12-36B)	36	070S	230E	4304730344	5670	Federal	OW	P	
RWU 241 (22-14B)	14	070S	230E	4304730345	5670	Federal	OW	P	
RWU 24-18B	18	070S	230E	4304733554	5670	Federal	OW	P	
RWU 24-19B	19	070S	230E	4304733492	5670	Federal	OW	P	
RWU 242 (42-13B)	13	070S	230E	4304730346	5670	Federal	OW	P	
RWU 243 (42-18C)	18	070S	240E	4304730347	5670	Federal	OW	TA	
RWU 244 (23-19C)	19	070S	240E	4304730348	5670	Federal	GW	P	
RWU 246 (22-18C)	18	070S	240E	4304730387	5670	Federal	OW	P	
RWU 247 (22-17C)	17	070S	240E	4304730388	5670	Federal	GW	P	
RWU 26 (23-22B)	22	070S	230E	4304715153	5670	Federal	OW	TA	
RWU 262 (22-26B)	26	070S	230E	4304730517	5670	Federal	GW	TA	
RWU 265 (44-26B)	26	070S	230E	4304730520	5670	Federal	GW	P	
RWU 267 (32-17B)	17	070S	230E	4304732981	5670	Federal	OW	P	
RWU 27 (43-14B)	14	070S	230E	4304715154	5670	Federal	OW	TA	
RWU 270 (22-35B)	35	070S	230E	4304731082	5670	Federal	OW	P	
RWU 272 (44-23B)	23	070S	230E	4304731054	5670	Federal	GW	P	
RWU 273 (42-27B)	27	070S	230E	4304731051	5670	Federal	OW	TA	
RWU 276 (44-27B)	27	070S	230E	4304731053	5670	Federal	OW	TA	
RWU 278 (11-26)	26	070S	230E	4304731076	5670	Federal	GW	TA	
RWU 28 (43-22B)	22	070S	230E	4304715155	5670	Federal	OW	P	
RWU 280 (11-35B)	35	070S	230E	4304731079	5670	Federal	OW	P	
RWU 282 (42-26B)	26	070S	230E	4304731080	5670	Federal	GW	TA	
RWU 284 (33-23B)	23	070S	230E	4304731476	5670	Federal	GW	TA	
RWU 285 (11-24B)	24	070S	230E	4304731477	5670	Federal	OW	P	
RWU 286 (42-21B)	21	070S	230E	4304731478	5670	Federal	OW	P	
RWU 287 (44-13B)	13	070S	230E	4304731512	5670	Federal	OW	TA	
RWU 288 (24-27)	27	070S	230E	4304731513	5670	Federal	OW	TA	
RWU 289 (13-24B)	24	070S	230E	4304731517	5670	Federal	OW	P	
RWU 29 (32-23B)	23	070S	230E	4304715156	5670	Federal	OW	P	
RWU 292 (42-23B)	23	070S	230E	4304731576	5670	Federal	GW	TA	
RWU 293 (22-22A)	22	070S	220E	4304731581	5670	Federal	OW	TA	
RWU 294 (24-18C)	18	070S	240E	4304731582	5670	Federal	GW	P	
RWU 295 (11-22B)	22	070S	230E	4304731577	5670	Federal	GW	TA	
RWU 296 (12-35B)	35	070S	230E	4304731578	5670	Federal	OW	P	
RWU 297 (24-15B)	15	070S	230E	4304731579	5670	Federal	OW	P	
RWU 298 (22-27B)	27	070S	230E	4304731679	5670	Federal	OW	TA	
RWU 299 (32-18B)	18	070S	230E	4304733018	5670	Federal	OW	P	

well_name	Sec	T	R	api	Entity	Lease Type	type	stat	
RWU 3 (34-23B)	23	070S	230E	4304715136	5670	Federal	OW	P	
RWU 30 (23-13B)	13	070S	230E	4304715157	5670	Federal	GW	TA	
RWU 301 (43-15B)	15	070S	230E	4304731682	5670	Federal	GW	S	
RWU 302 (22-24B)	24	070S	230E	4304731683	5670	Federal	GW	TA	
RWU 303 (34-17B)	17	070S	230E	4304731819	5670	Federal	OW	P	
RWU 31 (34-22B)	22	070S	230E	4304715158	5670	Federal	OW	P	
RWU 33 (14-14B)	14	070S	230E	4304715160	5670	Federal	GW	TA	
RWU 35 (43-13B)	13	070S	230E	4304715162	5670	Federal	OW	TA	
RWU 36 (32-13B)	13	070S	230E	4304715163	5670	Federal	GW	P	
RWU 38 (14-23B)	23	070S	230E	4304715165	5670	Federal	OW	P	
RWU 39 (14-24A)	24	070S	220E	4304715166	5670	Federal	OW	TA	
RWU 4 (41-22B)	22	070S	230E	4304715137	5670	Federal	OW	TA	
RWU 40 (21-24B)	24	070S	230E	4304715167	5670	Federal	OW	TA	
RWU 41 (34-13B)	13	070S	230E	4304715168	5670	Federal	OW	P	
RWU 41-24A	24	070S	220E	4304733769	5670	Federal	OW	P	
RWU 41-25A	25	070S	220E	4304733579	5670	Federal	OW	P	
RWU 42 (21-29C)	29	070S	240E	4304715169	5670	Federal	GW	P	
RWU 42-19B	19	070S	230E	4304733556	5670	Federal	OW	P	
RWU 42-20B	20	070S	230E	4304733490	5670	Federal	OW	P	
RWU 42-24A	24	070S	220E	4304733569	5670	Federal	OW	P	
RWU 42-25A	25	070S	220E	4304733580	5670	Federal	OW	S	
RWU 42-30B	30	070S	230E	4304733771	5670	Federal	OW	P	
RWU 43 (12-17B)	17	070S	230E	4304715170	5670	Federal	OW	P	
RWU 44 (32-33C)	33	070S	240E	4304715171	5670	Federal	GW	P	
RWU 44-18B	18	070S	230E	4304733594	5670	Federal	OW	P	
RWU 44-30B	30	070S	230E	4304733772	5670	Federal	OW	P	
RWU 45 (23-30B)	30	070S	230E	4304715172	5670	Federal	OW	TA	
RWU 46 (41-21C)	21	070S	240E	4304715173	5670	Federal	GW	TA	
RWU 49 (12-29B)	29	070S	230E	4304715175	5670	Federal	OW	TA	
RWU 5 (41-23B)	23	070S	230E	4304715138	5670	Federal	OW	P	
RWU 50 (14-23A)	23	070S	220E	4304715176	5670	Federal	OW	P	
RWU 52 (14-18B)	18	070S	230E	4304715178	5670	Federal	OW	TA	
RWU 53 (41-25A)	25	070S	220E	4304715179	5670	Federal	OW	TA	
RWU 57 (12-18C)	18	070S	240E	4304715183	5670	Federal	OW	P	
RWU 63 (21-22B)	22	070S	230E	4304715186	5670	Federal	GW	TA	
RWU 64 (32-27B)	27	070S	230E	4304715187	5670	Federal	OW	TA	
RWU 66 (34-18B)	18	070S	230E	4304715189	5670	Federal	OW	P	
RWU 67 (42-22B)	22	070S	230E	4304715190	5670	Federal	OW	TA	
RWU 69 (21-27B)	27	070S	230E	4304715191	5670	Federal	OW	TA	
RWU 70 (23-22A)	22	070S	220E	4304715192	5670	Federal	OW	P	
RWU 71 (21-18C)	18	070S	240E	4304715193	5670	Federal	OW	P	
RWU 72 (23-27B)	27	070S	230E	4304715194	5670	Federal	OW	TA	
RWU 74 (12-13B)	13	070S	230E	4304715196	5670	Federal	GW	P	
RWU 75 (21-26B)	26	070S	230E	4304715197	5670	Federal	OW	TA	
RWU 76 (32-18C)	18	070S	240E	4304715198	5670	Federal	GW	S	
RWU 77 (21-13B)	13	070S	230E	4304715199	5670	Federal	OW	P	
RWU 78 (32-28B)	28	070S	230E	4304715200	5670	Federal	OW	P	
RWU 79 (12-27B)	27	070S	230E	4304715201	5670	Federal	OW	TA	
RWU 8 (32-22B)	22	070S	230E	4304715139	5670	Federal	OW	P	
RWU 80 (14-27B)	27	070S	230E	4304715202	5670	Federal	OW	P	
RWU 81 (41-31B)	31	070S	230E	4304715203	5670	Federal	OW	P	
RWU 83 (41-27A)	27	070S	220E	4304715205	5670	Federal	OW	P	
RWU 84 (44-14B)	14	070S	230E	4304715206	5670	Federal	GW	P	
RWU 9 (43-23B)	23	070S	230E	4304715140	5670	Federal	OW	P	
RWU 90 (43-21B)	21	070S	230E	4304715211	5670	Federal	OW	P	
RWU 92 (11-23B)	23	070S	230E	4304715212	5670	Federal	OW	TA	
RWU 94 (12-22A)	22	070S	220E	4304715213	5670	Federal	OW	P	
RWU 99 (12-22B)	22	070S	230E	4304715218	5670	Federal	OW	P	
RED WASH UNIT 259	16	070S	230E	4304732785	5670	State	OW	P	
RED WASH UNIT 260	16	070S	230E	4304732786	5670	State	OW	P	
RWU 51 (12-16B)	16	070S	230E	4304715177	5670	State	OW	P	
RWU ST 189 (41-16B)	16	070S	230E	4304715292	5670	State	OW	P	
RED WASH UNIT 261	17	070S	230E	4304732739	5670	Federal	WI	A	
RWU 100-A (43-21A)	21	070S	220E	4304715219	5670	Federal	WI	A	

well_name	Sec	T	R	api	Entity	Lease Type	type	stat	
RWU 102 (41-24A)	24	070S	220E	4304715221	5670	Federal	WI	A	
RWU 11	27	070S	230E	4304715142	5670	Federal	WI	A	
RWU 11-19B	19	070S	230E	4304733552	5670	Federal	WI	A	
RWU 11-20B	20	070S	230E	4304733553	5670	Federal	WI	A	
RWU 11-25A	25	070S	220E	4304733574	5670	Federal	WI	A	
RWU 11-29B	29	070S	230E	4304733590	5670	Federal	WI	A	
RWU 11-30B	30	070S	230E	4304733785	5670	Federal	WI	A	
RWU 12-24A	24	070S	220E	4304733591	5670	Federal	WI	A	
RWU 13-19B	19	070S	230E	4304733497	5670	Federal	WI	A	
RWU 13-20B	20	070S	230E	4304733498	5670	Federal	WI	A	
RWU 13-25A	25	070S	220E	4304733575	5670	Federal	WI	A	
RWU 14 (14-13B)	13	070S	230E	4304715144	5670	Federal	WI	A	
RWU 148 (13-22B)	22	070S	230E	4304715261	5670	Federal	WI	A	
RWU 150 (31-22B)	22	070S	230E	4304715263	5670	Federal	WI	I	
RWU 156 (23-15B)	15	070S	230E	4304715267	5670	Federal	WI	A	
RWU 16 (43-28B)	28	070S	230E	4304716475	5670	Federal	WI	I	
RWU 161 (14-20B)	20	070S	230E	4304715271	5670	Federal	WI	I	
RWU 17 (41-20B)	20	070S	230E	4304715146	5670	Federal	WI	A	
RWU 170 (41-15B)	15	070S	230E	4304716495	5670	Federal	WI	I	
RWU 173 (21-21B)	21	070S	230E	4304716496	5670	Federal	WI	A	
RWU 174 (21-20B)	20	070S	230E	4304715281	5670	Federal	WI	A	
RWU 182 (14-21B)	21	070S	230E	4304716497	5670	Federal	WI	A	
RWU 183 (33-13B)	13	070S	230E	4304715289	5670	Federal	WI	A	
RWU 185 (41-1B)	14	070S	230E	4304716498	5670	Federal	WI	A	
RWU 199 (43-22A)	22	070S	220E	4304715301	5670	Federal	WI	A	
RWU 2 (14-24B)	24	070S	230E	4304716472	5670	Federal	WI	A	
RWU 202 (21-34A)	34	070S	220E	4304715303	5670	Federal	WI	I	
RWU 213 (41-33B)	33	070S	230E	4304720060	5670	Federal	WD	A	
RWU 215 (43-28A)	28	070S	220E	4304730058	5670	Federal	WI	A	
RWU 216 (21-27A)	27	070S	220E	4304730103	5670	Federal	WI	A	
RWU 23 (21-23B)	23	070S	230E	4304715151	5670	Federal	WI	A	
RWU 23-18C (97)	18	070S	240E	4304715216	5670	Federal	WI	I	
RWU 25 (23-23B)	23	070S	230E	4304716476	5670	Federal	WI	A	
RWU 258 (34-22A)	22	070S	220E	4304730458	5670	Federal	WI	A	
RWU 263 (24-26B)	26	070S	230E	4304730518	5670	Federal	WI	I	
RWU 264 (31-35B)	35	070S	230E	4304730519	5670	Federal	WI	A	
RWU 266 (33-26B)	26	070S	230E	4304730521	5670	Federal	WI	I	
RWU 268 (43-17B)	17	070S	230E	4304732980	5670	Federal	WI	A	
RWU 269 (13-26B)	26	070S	230E	4304730522	5670	Federal	WI	I	
RWU 271 (42-35B)	35	070S	230E	4304731081	5670	Federal	WI	I	
RWU 275 (31-26B)	26	070S	230E	4304731077	5670	Federal	WI	A	
RWU 279 (11-36B)	36	070S	230E	4304731052	5670	Federal	WI	A	
RWU 283 (43-18B)	18	070S	230E	4304732982	5670	Federal	WI	A	
RWU 31-19B	19	070S	230E	4304733555	5670	Federal	WI	A	
RWU 31-25A	25	070S	220E	4304733577	5670	Federal	WI	A	
RWU 31-30B	30	070S	230E	4304733788	5670	Federal	WI	A	
RWU 33-19B	19	070S	230E	4304733499	5670	Federal	WI	A	
RWU 33-20B	20	070S	230E	4304733500	5670	Federal	WI	A	
RWU 33-25A	25	070S	220E	4304733578	5670	Federal	WI	A	
RWU 33-30B	30	070S	230E	4304733790	5670	Federal	WI	A	
RWU 34 (23-14B)	14	070S	230E	4304715161	5670	Federal	WI	A	
RWU 34-13A	13	070S	220E	4304733593	5670	Federal	WI	A	
RWU 34-24A	24	070S	220E	4304733568	5670	Federal	WI	A	
RWU 48 (32-19B)	19	070S	230E	4304715174	5670	Federal	WI	I	
RWU 56 (41-28B)	28	070S	230E	4304715182	5670	Federal	WI	A	
RWU 59 (12-24B)	24	070S	230E	4304716477	5670	Federal	WI	A	
RWU 6 (41-21B)	21	070S	230E	4304716482	5670	Federal	WI	A	
RWU 61 (12-27A)	27	070S	220E	4304716478	5670	Federal	WI	I	
RWU 68 (41-13B)	13	070S	230E	4304716485	5670	Federal	WI	I	
RWU 7 (41-27B)	27	070S	230E	4304716473	5670	Federal	WI	I	
RWU 88 (23-18B)	18	070S	230E	4304715210	5670	Federal	WI	A	
RWU 91 (33-22B)	22	070S	230E	4304716479	5670	Federal	WI	A	
RWU 93 (43-27B)	27	070S	230E	4304716480	5670	Federal	WI	I	
RWU 324 (23-16B)	16	070S	230E	4304733084	5670	State	WI	I	

United States Department of the Interior

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

IN REPLY REFER TO
UT-922

June 9, 2003

QEP Uinta Basin, Inc.
1050 17th Street, Suite 500
Denver, Colorado 80265

Re: Red Wash Unit
Uintah County, Utah

Gentlemen:

On May 30, 2003, we received an indenture dated February 1, 2003, whereby Shenandoah Energy, Inc. changed it name and QEP Uinta Basin, Inc. was designated as Successor Unit Operator for the Red Wash Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective June 9, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under Red Wash Unit Agreement.

Your nationwide (Eastern States) oil and gas bond No. B000024 will be used to cover all operations within the Red Wash Unit.

It is requested that you notify all interested parties of the name change of unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure
bcc: Field Manager - Vernal (w/enclosure)
SITLA
Division of Oil, Gas & Mining
Minerals Adjudication Group
File – Red Wash Unit (w/enclosure)
Agr. Sec. Chron
Fluid Chron
UT922:TAThompson:tt:6/9/03

JUL 0 7 2003

3104 (932.34)WF
Nationwide Bond ESB000024

NOTICE

QEP Uinta Basin, Inc. 1050 17th Street Suite 500 Denver, Colorado 80265	: : : :	Oil and Gas lease

Name Change Recognized

Acceptable evidence has been filed in this office concerning the name change of Shenandoah Energy Incorporated into QEP Uinta Basin, Incorporated. QEP Uinta Basin, Incorporated is the surviving entity. This name change is recognized effective April 17, 2003.

Eastern States will notify the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice.

If you identify other leases in which the merging entity maintain an interest, please contact this office and we will appropriately document those files with a copy of this notice.

If you have any questions, please contact Bill Forbes at 703-440-1536.

S/Wilbert B. Forbes

Wilbert B. Forbes
Land Law Examiner
Branch of Use Authorization
Division of Resources Planning,
Use and Protection

bc: JFO,MMS, ES RF, 930 RF, 932.34 RF, E-932: wbf:07 /07/03:440-1536/ QEP Unita Basin
MFO

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

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

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

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

CA No. **Unit:** **RED WASH UNIT**

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

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

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

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

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

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

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

DATA ENTRY:

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

BOND VERIFICATION:

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

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

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

LEASE INTEREST OWNER NOTIFICATION:

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

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

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 1 (41-26B)	RW 41-26B	NENE	26	070S	230E	4304715135	5670	Federal	OW	TA
RWU 3 (34-23B)	RW 34-23B	SWSE	23	070S	230E	4304715136	5670	Federal	OW	P
RWU 4 (41-22B)	RW 41-22B	NENE	22	070S	230E	4304715137	5670	Federal	OW	TA
RWU 5 (41-23B)	RW 41-23B	NENE	23	070S	230E	4304715138	5670	Federal	OW	P
RWU 8 (32-22B)	RW 32-22B	SWNE	22	070S	230E	4304715139	5670	Federal	OW	P
RWU 9 (43-23B)	RW 43-23B	NESE	23	070S	230E	4304715140	5670	Federal	OW	P
RWU 10 (12-23B)	RW 12-23B	SWNW	23	070S	230E	4304715141	5670	Federal	OW	TA
RWU 11	RW 34-27B	SWSE	27	070S	230E	4304715142	99996	Federal	WI	A
RWU 13 (14-22B)	RW 14-22B	SWSW	22	070S	230E	4304715143	5670	Federal	OW	TA
RW 14-13B	RW 14-13B	SWSW	13	070S	230E	4304715144	99996	Federal	WI	A
RWU 15 (32-17C)	RW 32-17C	SWNE	17	070S	240E	4304715145	5670	Federal	OW	P
RWU 17 (41-20B)	RW 41-20B	NENE	20	070S	230E	4304715146	5670	Federal	WI	A
RWU 19 (34-26B)	RW 34-26B	SWSE	26	070S	230E	4304715148	5670	Federal	GW	S
RWU 21 (32-14B)	RW 32-14B	SWNE	14	070S	230E	4304715150	5670	Federal	OW	P
RWU 23 (21-23B)	RW 21-23B	SENW	23	070S	230E	4304715151	99996	Federal	WI	A
RWU 24 (34-14B)	RW 34-14B	SWSE	14	070S	230E	4304715152	5670	Federal	OW	S
RWU 26 (23-22B)	RW 23-22B	NESW	22	070S	230E	4304715153	5670	Federal	OW	TA
RWU 27 (43-14B)	RW 43-14B	NESE	14	070S	230E	4304715154	5670	Federal	OW	TA
RWU 28 (43-22B)	RW 43-22B	NESE	22	070S	230E	4304715155	5670	Federal	OW	P
RWU 29 (32-23B)	RW 32-23B	SWNE	23	070S	230E	4304715156	5670	Federal	OW	P
RW 23-13B	RW 23-13B	NESW	13	070S	230E	4304715157	5670	Federal	GW	TA
RWU 31 (34-22B)	RW 34-22B	SWSE	22	070S	230E	4304715158	5670	Federal	OW	P
RWU 33 (14-14B)	RW 14-14B	SWSW	14	070S	230E	4304715160	5670	Federal	GW	TA
RWU 34 (23-14B)	RW 23-14B	NESW	14	070S	230E	4304715161	99996	Federal	WI	A
RW 43-13B	RW 43-13B	NESE	13	070S	230E	4304715162	5670	Federal	OW	TA
RWU 36 (32-13B)	RW 32-13B	SWNE	13	070S	230E	4304715163	5670	Federal	GW	P
RWU 38 (14-23B)	RW 14-23B	SWSW	23	070S	230E	4304715165	5670	Federal	OW	P
RWU 39 (14-24A)	RW 14-24A	SWSW	24	070S	220E	4304715166	5670	Federal	OW	TA
RWU 40 (21-24B)	RW 21-24B	NENW	24	070S	230E	4304715167	5670	Federal	OW	TA
RWU 41 (34-13B)	RW 34-13B	SWSE	13	070S	230E	4304715168	5670	Federal	OW	P
RWU 42 (21-29C)	RW 21-29C	NENW	29	070S	240E	4304715169	5670	Federal	GW	P
RWU 43 (12-17B)	RW 12-17B	SWNW	17	070S	230E	4304715170	5670	Federal	OW	P
RWU 44 (32-33C)	RW 32-33C	SWNE	33	070S	240E	4304715171	5670	Federal	GW	P
RWU 45 (23-30B)	RW 23-30B	NESW	30	070S	230E	4304715172	5670	Federal	OW	TA
RWU 46 (41-21C)	RW 41-21C	NENE	21	070S	240E	4304715173	5670	Federal	GW	TA
RWU 48 (32-19B)	RW 32-19B	SWNE	19	070S	230E	4304715174	99996	Federal	WI	I
RWU 49 (12-29B)	RW 12-29B	SWNW	29	070S	230E	4304715175	5670	Federal	OW	TA
RWU 50 (14-23A)	RW 14-23A	SWSW	23	070S	220E	4304715176	5670	Federal	OW	P
RWU 52 (14-18B)	RW 14-18B	SWSW	18	070S	230E	4304715178	5670	Federal	OW	TA
RWU 53 (41-25A)	RW 41-25A	NENE	25	070S	220E	4304715179	5670	Federal	OW	TA
RWU 56 (41-28B)	RW 41-28B	NENE	28	070S	230E	4304715182	99996	Federal	WI	A

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 57 (12-18C)	RW 12-18C	SWNW	18	070S	240E	4304715183	5670	Federal	OW	P
RWU 63 (21-22B)	RW 21-22B	NENW	22	070S	230E	4304715186	5670	Federal	GW	TA
RWU 64 (32-27B)	RW 32-27B	SWNE	27	070S	230E	4304715187	5670	Federal	OW	TA
RWU 66 (34-18B)	RW 34-18B	SWSE	18	070S	230E	4304715189	5670	Federal	OW	P
RWU 67 (42-22B)	RW 42-22B	SENE	22	070S	230E	4304715190	5670	Federal	OW	TA
RWU 69 (21-27B)	RW 21-27B	NENW	27	070S	230E	4304715191	5670	Federal	OW	TA
RWU 70 (23-22A)	RW 23-22A	NESW	22	070S	220E	4304715192	5670	Federal	OW	P
RWU 71 (21-18C)	RW 21-18C	NENW	18	070S	240E	4304715193	5670	Federal	OW	P
RWU 72 (23-27B)	RW 23-27B	NESW	27	070S	230E	4304715194	5670	Federal	OW	TA
RWU 74 (12-13B)	RW 12-13B	SWNW	13	070S	230E	4304715196	5670	Federal	GW	S
RWU 75 (21-26B)	RW 21-26B	NENW	26	070S	230E	4304715197	5670	Federal	OW	TA
RWU 76 (32-18C)	RW 32-18C	SWNE	18	070S	240E	4304715198	5670	Federal	GW	P
RWU 77 (21-13B)	RWU 77 (21-13B)	NENW	13	070S	230E	4304715199	5670	Federal	OW	P
RWU 78 (32-28B)	RW 32-28B	SWNE	28	070S	230E	4304715200	5670	Federal	OW	P
RWU 79 (12-27B)	RW 12-27B	SWNW	27	070S	230E	4304715201	5670	Federal	OW	TA
RWU 80 (14-27B)	RW 14-27B	SWSW	27	070S	230E	4304715202	5670	Federal	OW	S
RWU 81 (41-31B)	RW 41-31B	NENE	31	070S	230E	4304715203	5670	Federal	OW	P
RWU 83 (41-27A)	RW 41-27A	NENE	27	070S	220E	4304715205	5670	Federal	OW	P
RWU 84 (44-14B)	RW 44-14B	SESE	14	070S	230E	4304715206	5670	Federal	GW	P
RWU 88 (23-18B)	RW 23-18B	NESW	18	070S	230E	4304715210	5670	Federal	WI	A
RWU 90 (43-21B)	RW 43-21B	NESE	21	070S	230E	4304715211	5670	Federal	OW	P
RWU 92 (11-23B)	RW 11-23B	NWNW	23	070S	230E	4304715212	5670	Federal	OW	TA
RWU 94 (12-22A)	RW 12-22A	SWNW	22	070S	220E	4304715213	5670	Federal	OW	P
RWU 23-18C (97)	RW 23-18C	NESW	18	070S	240E	4304715216	99996	Federal	WI	I
RWU 99 (12-22B)	RW 12-22B	SWNW	22	070S	230E	4304715218	5670	Federal	OW	P
RWU 100-A (43-21A)	RW 43-21A	NESE	21	070S	220E	4304715219	5670	Federal	WI	A
RWU 101 (34-21B)	RW 34-21B	SWSE	21	070S	230E	4304715220	5670	Federal	OW	P
RWU 102 (41-24A)	RW 41-24A	SENE	24	070S	220E	4304715221	5670	Federal	WI	A
RWU 103 (34-15B)	RW 34-15B	SWSE	15	070S	230E	4304715222	5670	Federal	OW	P
RWU 108 (32-21B)	RW 32-21B	SWNE	21	070S	230E	4304715226	5670	Federal	OW	P
RWU 109 (21-28B)	RW 21-28B	NENW	28	070S	230E	4304715227	5670	Federal	OW	P
RWU 110 (23-23A)	RW 23-23A	NESW	23	070S	220E	4304715228	5670	Federal	OW	P
RWU 111 (32-24A)	RW 32-24A	SWNE	24	070S	220E	4304715229	5670	Federal	OW	S
RWU 112 (32-28A)	RW 32-28A	SWNE	28	070S	220E	4304715230	5670	Federal	OW	S
RWU 115 (21-19B)	RW 21-19B	NENW	19	070S	230E	4304715233	5670	Federal	OW	P
RWU 119 (43-29A)	RW 43-29A	NESE	29	070S	220E	4304715236	5670	Federal	OW	P
RWU 120 (23-28B)	RW 23-28B	NESW	28	070S	230E	4304715237	5670	Federal	OW	TA
RW 13-13B	RW 13-13B	NWSW	13	070S	230E	4304715238	5670	Federal	GW	P
RWU 122 (24-14B)	RW 24-14B	SESW	14	070S	230E	4304715239	5670	Federal	OW	P
RWU 125 (34-19B)	RW 34-19B	SWSE	19	070S	230E	4304715242	5670	Federal	OW	TA
RWU 126 (41-29A)	RW 41-29A	NENE	29	070S	220E	4304715243	5670	Federal	OW	P

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 127 (12-19B)	RW 12-19B	SWNW	19	070S	230E	4304715244	5670	Federal	OW	S
RWU 129 (14-15B)	RW 14-15B	SWSW	15	070S	230E	4304715246	5670	Federal	OW	P
RWU 133 (41-34B)	RW 41-34B	NENE	34	070S	230E	4304715250	5670	Federal	OW	P
RWU 136 (43-19B)	RW 43-19B	NESE	19	070S	230E	4304715252	5670	Federal	OW	TA
RWU 137 (34-28B)	RW 34-28B	SWSE	28	070S	230E	4304715253	5670	Federal	GW	TA
RWU 138 (41-30B)	RW 41-30B	NENE	30	070S	230E	4304715254	5670	Federal	OW	P
RWU 140 (24-22B)	RW 24-22B	SESW	22	070S	230E	4304715255	5670	Federal	OW	P
RWU 141 (11-27B)	RW 11-27B	NWNW	27	070S	230E	4304715256	5670	Federal	OW	TA
RWU 143 (33-14B)	RW 33-14B	NWSE	14	070S	230E	4304715257	5670	Federal	OW	P
RWU 144 (21-18B)	RW 21-18B	NENW	18	070S	230E	4304715258	5670	Federal	OW	TA
RW 24-13B	RW 24-13B	SESW	13	070S	230E	4304715259	5670	Federal	OW	TA
RWU 147 (22-22B)	RW 22-22B	SENW	22	070S	230E	4304715260	5670	Federal	OW	TA
RWU 148 (13-22B)	RW 13-22B	NWSW	22	070S	230E	4304715261	99996	Federal	WI	A
RWU 150 (31-22B)	RW 31-22B	NWNE	22	070S	230E	4304715263	99996	Federal	WI	I
RWU 151 (42-14B)	RW 42-14B	SENE	14	070S	230E	4304715264	5670	Federal	OW	P
RWU 153 (14-29B)	RW 14-29B	SWSW	29	070S	230E	4304715265	5670	Federal	OW	P
RWU 156 (23-15B)	RW 23-15B	NESW	15	070S	230E	4304715267	99990	Federal	WI	A
RWU 158 (32-30B)	RW 32-30B	SWNE	30	070S	230E	4304715268	5670	Federal	OW	P
RWU 160 (32-15B)	RW 32-15B	SWNE	15	070S	230E	4304715270	5670	Federal	OW	P
RWU 161 (14-20B)	RW 14-20B	SWSW	20	070S	230E	4304715271	99996	Federal	WI	I
RWU 162 (12-20B)	RW 12-20B	SWNW	20	070S	230E	4304715272	5670	Federal	OW	P
RWU 164 (12-28B)	RW 12-28B	SWNW	28	070S	230E	4304715274	5670	Federal	OW	P
RWU 165 (32-26B)	RW 32-26B	SWNE	26	070S	230E	4304715275	5670	Federal	GW	TA
RWU 167 (23-21B)	RW 23-21B	NESW	21	070S	230E	4304715277	5670	Federal	OW	S
RWU 168 (23-24B)	RW 23-24B	NESW	24	070S	230E	4304715278	5670	Federal	OW	TA
RWU 172 (21-30B)	RW 21-30B	NENW	30	070S	230E	4304715280	5670	Federal	OW	TA
RWU 174 (21-20B)	RW 21-20B	NENW	20	070S	230E	4304715281	5670	Federal	WI	A
RWU 176 (31-28B)	RW 31-28B	NWNE	28	070S	230E	4304715283	5670	Federal	OW	TA
RWU 177 (42-28B)	RW 42-28B	SENE	28	070S	230E	4304715284	5670	Federal	OW	TA
RW 22-13B	RW 22-13B	SENW	13	070S	230E	4304715285	5670	Federal	OW	TA
RWU 180 (31-23B)	RW 31-23B	NWNE	23	070S	230E	4304715287	5670	Federal	OW	TA
RWU 181 (34-30B)	RW 34-30B	SWSE	30	070S	230E	4304715288	5670	Federal	OW	P
RW 33-13B	RW 33-13B	NWSE	13	070S	230E	4304715289	5670	Federal	WI	A
RWU 184 (23-26B)	RW 23-26B	NESW	26	070S	230E	4304715290	5670	Federal	GW	S
RWU 188 (23-20B)	RW 23-20B	NESW	20	070S	230E	4304715291	5670	Federal	OW	TA
RWU 192 (41-33A)	RW 41-33A	NENE	33	070S	220E	4304715294	5670	Federal	OW	P
RWU 193 (43-24B)	RW 43-24B	NESE	24	070S	230E	4304715295	5670	Federal	GW	TA
RWU 194 (12-14B)	RW 12-14B	SWNW	14	070S	230E	4304715296	5670	Federal	OW	S
RWU 196 (23-17C)	RW 23-17C	NESW	17	070S	240E	4304715298	5670	Federal	GW	TA
RWU 199 (43-22A)	RW 43-22A	NESE	22	070S	220E	4304715301	99996	Federal	WI	A
RWU 201 (32-28C)	RW 32-28C	SWNE	28	070S	240E	4304715302	5670	Federal	GW	P

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 202 (21-34A)	RW 21-34A	NENW	34	070S	220E	4304715303	99996	Federal	WI	I
RWU 204 (23-25A)	RW 23-25A	NESW	25	070S	220E	4304715305	5670	Federal	OW	P
RWU 205 (23-21C)	RW 23-21C	NESW	21	070S	240E	4304715306	5670	Federal	GW	TA
RWU 2 (14-24B)	RW 14-24B	SWSW	24	070S	230E	4304716472	99996	Federal	WI	A
RWU 7 (41-27B)	RW 41-27B	NENE	27	070S	230E	4304716473	99996	Federal	WI	I
RWU 16 (43-28B)	RW 43-28B	NESE	28	070S	230E	4304716475	99996	Federal	WI	I
RWU 25 (23-23B)	RW 23-23B	NESW	23	070S	230E	4304716476	99996	Federal	WI	A
RWU 59 (12-24B)	RW 12-24B	SWNW	24	070S	230E	4304716477	99996	Federal	WI	A
RWU 61 (12-27A)	RW 12-27A	SWNW	27	070S	220E	4304716478	99996	Federal	WI	I
RWU 91 (33-22B)	RW 33-22B	NWSE	22	070S	230E	4304716479	99996	Federal	WI	A
RWU 93 (43-27B)	RW 43-27B	NESE	27	070S	230E	4304716480	99996	Federal	WI	I
RWU 6 (41-21B)	RW 41-21B	NENE	21	070S	230E	4304716482	99996	Federal	WI	A
RWU 68 (41-13B)	RW 41-13B	NENE	13	070S	230E	4304716485	99996	Federal	WI	I
RWU 170 (41-15B)	RW 41-15B	NENE	15	070S	230E	4304716495	99996	Federal	WI	I
RWU 173 (21-21B)	RW 21-21B	NENW	21	070S	230E	4304716496	99996	Federal	WI	A
RWU 182 (14-21B)	RW 14-21B	SWSW	21	070S	230E	4304716497	99996	Federal	WI	A
RWU 185 (41-1B)	RW 41-14B	NENE	14	070S	230E	4304716498	99996	Federal	WI	A
RWU 212 (41-8F)	RW 41-8F	NENE	08	080S	240E	4304720014	5670	Federal	GW	P
RWU 213 (41-33B)	RW 41-33B	NENE	33	070S	230E	4304720060	99996	Federal	WD	A
RWU 215 (43-28A)	RW 43-28A	NESE	28	070S	220E	4304730058	99996	Federal	WD	A
RWU 216 (21-27A)	RW 21-27A	NENW	27	070S	220E	4304730103	99996	Federal	WI	A
RWU 219 (44-21C)	RW 44-21C	SESE	21	070S	240E	4304730149	5670	Federal	GW	S
RWU 220 (22-23B)	RW 22-23B	SENW	23	070S	230E	4304730192	5670	Federal	OW	TA
RWU 221 (13-27B)	RW 13-27B	NWSW	27	070S	230E	4304730199	5670	Federal	OW	TA
RWU 222 (31-27B)	RW 31-27B	NWNE	27	070S	230E	4304730200	5670	Federal	GW	TA
RWU 224 (44-22B)	RW 44-22B	SESE	22	070S	230E	4304730202	5670	Federal	GW	TA
RWU 225 (13-23B)	RW 13-23B	NWSW	23	070S	230E	4304730212	5670	Federal	GW	TA
RWU 226 (24-23B)	RW 24-23B	SESW	23	070S	230E	4304730249	5670	Federal	GW	S
RWU 227 (14-26B)	RW 14-26B	SWSW	26	070S	230E	4304730257	5670	Federal	OW	TA
RWU 228 (21-34B)	RW 21-34B	NENW	34	070S	230E	4304730258	5670	Federal	OW	P
RWU 229 (43-26B)	RW 43-26B	NESE	26	070S	230E	4304730259	5670	Federal	OW	TA
RWU 230 (14-18C)	RW 14-18C	SWSW	18	070S	240E	4304730309	5670	Federal	OW	P
RWU 231 (21-35B)	RW 21-35B	NENW	35	070S	230E	4304730310	5670	Federal	OW	TA
RWU 232 (12-26B)	RW 12-26B	SWNW	26	070S	230E	4304730311	5670	Federal	OW	TA
RWU 233 (12-25B)	RW 12-25B	SWNW	25	070S	230E	4304730312	5670	Federal	OW	TA
RWU 234 (32-24B)	RW 32-24B	SWNE	24	070S	230E	4304730313	5670	Federal	OW	P
RWU 235 (34-18C)	RW 34-18C	SWSE	18	070S	240E	4304730314	5670	Federal	OW	S
RWU 236 (21-19C)	RW 21-19C	NENW	19	070S	240E	4304730340	5670	Federal	GW	P
RWU 237 (14-25B)	RW 14-25B	SWSW	25	070S	230E	4304730341	5670	Federal	OW	P
RWU 238 (32-35B)	RW 32-35B	SWNE	35	070S	230E	4304730342	5670	Federal	OW	TA
RWU 239 (41-35B)	RW 41-35B	NENE	35	070S	230E	4304730343	5670	Federal	OW	TA

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 240 (12-36B)	RW 12-36B	SWNW	36	070S	230E	4304730344	5670	Federal	OW	S
RWU 241 (22-14B)	RW 22-14B	SENW	14	070S	230E	4304730345	5670	Federal	OW	P
RW 42-13B	RW 42-13B	SENE	13	070S	230E	4304730346	5670	Federal	OW	P
RWU 243 (42-18C)	RW 42-18C	SENE	18	070S	240E	4304730347	5670	Federal	OW	TA
RWU 244 (23-19C)	RW 23-19C	NESW	19	070S	240E	4304730348	5670	Federal	GW	P
RWU 246 (22-18C)	RW 22-18C	SENW	18	070S	240E	4304730387	5670	Federal	OW	P
RWU 247 (22-17C)	RW 22-17C	SENW	17	070S	240E	4304730388	5670	Federal	GW	P
RWU 258 (34-22A)	RW 34-22A	SWSE	22	070S	220E	4304730458	5670	Federal	WI	A
RWU 262 (22-26B)	RW 22-26B	SENW	26	070S	230E	4304730517	5670	Federal	GW	TA
RWU 263 (24-26B)	RW 24-26B	SESW	26	070S	230E	4304730518	99996	Federal	WI	I
RWU 264 (31-35B)	RW 31-35B	NWNE	35	070S	230E	4304730519	99996	Federal	WI	A
RWU 265 (44-26B)	RW 44-26B	SESE	26	070S	230E	4304730520	5670	Federal	GW	P
RWU 266 (33-26B)	RW 33-26B	NWSE	26	070S	230E	4304730521	99996	Federal	WI	I
RWU 269 (13-26B)	RW 13-26B	NWSW	26	070S	230E	4304730522	99996	Federal	WI	A
RWU 273 (42-27B)	RW 42-27B	SENE	27	070S	230E	4304731051	5670	Federal	OW	TA
RWU 279 (11-36B)	RW 11-36B	NWNW	36	070S	230E	4304731052	99996	Federal	WI	A
RWU 276 (44-27B)	RW 44-27B	SESE	27	070S	230E	4304731053	5670	Federal	OW	TA
RWU 272 (44-23B)	RW 44-23B	SESE	23	070S	230E	4304731054	5670	Federal	GW	P
RWU 278 (11-26)	RW 11-26	NWNW	26	070S	230E	4304731076	5670	Federal	GW	TA
RWU 275 (31-26B)	RW 31-26B	NWNE	26	070S	230E	4304731077	99996	Federal	WI	A
RWU 280 (11-35B)	RW 11-35B	NWNW	35	070S	230E	4304731079	5670	Federal	OW	P
RWU 282 (42-26B)	RW 42-26B	SENE	26	070S	230E	4304731080	5670	Federal	GW	TA
RWU 271 (42-35B)	RW 42-35B	SENE	35	070S	230E	4304731081	5670	Federal	WI	I
RWU 270 (22-35B)	RW 22-35B	SENW	35	070S	230E	4304731082	5670	Federal	OW	P
RWU 284 (33-23B)	RW 33-23B	NWSE	23	070S	230E	4304731476	5670	Federal	GW	TA
RWU 285 (11-24B)	RW 11-24B	NWNW	24	070S	230E	4304731477	5670	Federal	OW	P
RWU 286 (42-21B)	RW 42-21B	SENE	21	070S	230E	4304731478	5670	Federal	OW	P
RW 44-13B	RW 44-13B	SESE	13	070S	230E	4304731512	5670	Federal	OW	TA
RWU 288 (24-27)	RW 24-27	SESW	27	070S	230E	4304731513	5670	Federal	OW	TA
RWU 289 (13-24B)	RW 13-24B	NWSW	24	070S	230E	4304731517	5670	Federal	OW	P
RWU 292 (42-23B)	RW 42-23B	SENE	23	070S	230E	4304731576	5670	Federal	GW	TA
RWU 295 (11-22B)	RW 11-22B	NWNW	22	070S	230E	4304731577	5670	Federal	GW	TA
RWU 296 (12-35B)	RW 12-35B	SWNW	35	070S	230E	4304731578	5670	Federal	OW	S
RWU 297 (24-15B)	RW 24-15B	SESW	15	070S	230E	4304731579	5670	Federal	OW	P
RWU 293 (22-22A)	RW 22-22A	SENW	22	070S	220E	4304731581	5670	Federal	OW	TA
RWU 294 (24-18C)	RW 24-18C	SESW	18	070S	240E	4304731582	5670	Federal	GW	P
RWU 298 (22-27B)	RW 22-27B	SENW	27	070S	230E	4304731679	5670	Federal	OW	TA
RWU 301 (43-15B)	RW 43-15B	NESE	15	070S	230E	4304731682	5670	Federal	GW	TA
RWU 302 (22-24B)	RW 22-24B	SENW	24	070S	230E	4304731683	5670	Federal	GW	TA
RWU 303 (34-17B)	RW 34-17B	SWSE	17	070S	230E	4304731819	5670	Federal	OW	P
RED WASH 305 (41-4F)	RW 41-4F	C-NE	04	080S	240E	4304732538	5670	Federal	GW	TA

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RED WASH 306	RW 23-23C	NESW	23	070S	240E	4304732629	5670	Federal	GW	P
RWU 207	RW 14-17B	SWSW	17	070S	230E	4304732738	5670	Federal	OW	P
RED WASH UNIT 261	RW 23-17B	NESW	17	070S	230E	4304732739	5670	Federal	WI	A
RWU 268 (43-17B)	RW 43-17B	NESE	17	070S	230E	4304732980	5670	Federal	WI	A
RWU 267 (32-17B)	RW 32-17B	SWNE	17	070S	230E	4304732981	5670	Federal	OW	P
RWU 283 (43-18B)	RW 43-18B	NESE	18	070S	230E	4304732982	5670	Federal	WI	A
RWU 299 (32-18B)	RW 32-18B	SWNE	18	070S	230E	4304733018	5670	Federal	OW	P
RWU 42-20B	RW 42-20B	SENE	20	070S	230E	4304733490	5670	Federal	OW	P
RWU 22-20B	RW 22-20B	SENW	20	070S	230E	4304733491	5670	Federal	OW	S
RWU 24-19B	RW 24-19B	SESW	19	070S	230E	4304733492	5670	Federal	OW	P
RWU 13-19B	RW 13-19B	NWSW	19	070S	230E	4304733497	5670	Federal	WI	A
RWU 13-20B	RW 13-20B	NWSW	20	070S	230E	4304733498	5670	Federal	WI	A
RWU 33-19B	RW 33-19B	NWSE	19	070S	230E	4304733499	5670	Federal	WI	A
RWU 33-20B	RW 33-20B	NWSE	20	070S	230E	4304733500	5670	Federal	WI	A
RED WASH 22-21B	RW 22-21B	SENW	21	070S	230E	4304733522	5670	Federal	OW	S
RED WASH 24-20B	RW 24-20B	SESW	20	070S	230E	4304733523	5670	Federal	OW	P
RED WASH 44-19B	RW 44-19B	SESE	19	070S	230E	4304733524	5670	Federal	OW	P
RED WASH 44-20B	RW 44-20B	SESE	20	070S	230E	4304733525	5670	Federal	OW	P
RWU 11-19B	RW 11-19B	NWNW	19	070S	230E	4304733552	5670	Federal	WI	A
RWU 11-20B	RW 11-20B	NWNW	20	070S	230E	4304733553	5670	Federal	WI	A
RWU 24-18B	RW 24-18B	SESW	18	070S	230E	4304733554	5670	Federal	OW	P
RWU 31-19B	RW 31-19B	NWNE	19	070S	230E	4304733555	5670	Federal	WI	A
RWU 42-19B	RW 42-19B	SENE	19	070S	230E	4304733556	5670	Federal	OW	P
RWU 22-19B	RW 22-19B	SENW	19	070S	230E	4304733559	5670	Federal	OW	P
RWU 23-24A	RW 23-24A	NESW	24	070S	220E	4304733567	5670	Federal	OW	P
RWU 34-24A	RW 34-24A	SWSE	24	070S	220E	4304733568	5670	Federal	WI	A
RWU 42-24A	RW 42-24A	SENE	24	070S	220E	4304733569	5670	Federal	OW	S
RWU 11-25A	RW 11-25A	NWNW	25	070S	220E	4304733574	5670	Federal	WI	A
RWU 13-25A	RW 13-25A	NWSW	25	070S	220E	4304733575	5670	Federal	WI	A
RWU 21-25A	RW 21-25A	NENW	25	070S	220E	4304733576	5670	Federal	OW	P
RWU 31-25A	RW 31-25A	NWNE	25	070S	220E	4304733577	5670	Federal	WI	A
RWU 33-25A	RW 33-25A	NWSE	25	070S	220E	4304733578	5670	Federal	WI	A
RW 41-25AX	RW 41-25A	NENE	25	070S	220E	4304733579	5670	Federal	OW	P
RWU 42-25A	RWU 42-25A	SENE	25	070S	220E	4304733580	5670	Federal	OW	TA
RWU 11-29B	RW 11-29B	NWNW	29	070S	230E	4304733590	5670	Federal	WI	A
RWU 12-24A	RW 12-24A	SWNW	24	070S	220E	4304733591	5670	Federal	WI	A
RWU 21-24A	RW 21-24A	NENW	24	070S	220E	4304733592	5670	Federal	OW	P
RWU 34-13A	RW 34-13A	SWSE	13	070S	220E	4304733593	5670	Federal	WI	A
RWU 44-18B	RW 44-18B	SESE	18	070S	230E	4304733594	5670	Federal	OW	P
RW 22-13A	RW 22-13A	SENW	13	070S	220E	4304733765	13296	Federal	OW	S
RWU 22-29B	RW 22-29B	SENW	29	070S	230E	4304733766	5670	Federal	OW	S

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 41-24A	RW 41-24A	NENE	24	070S	220E	4304733769	5670	Federal	OW	P
RWU 42-30B	RW 42-30B	SENE	30	070S	230E	4304733771	5670	Federal	OW	P
RWU 44-30B	RWU 44-30B	SESE	30	070S	230E	4304733772	5670	Federal	OW	P
RWU 11-30B	RW 11-30B	NWNW	30	070S	230E	4304733785	5670	Federal	WI	A
RWU 22-25A	RW 22-25A	SENW	25	070S	220E	4304733786	5670	Federal	OW	P
RWU 31-30B	RW 31-30B	NWNE	30	070S	230E	4304733788	5670	Federal	WI	A
RWU 33-30B	RW 33-30B	NWSE	30	070S	230E	4304733790	5670	Federal	WI	A
RED WASH U 34-27C	RW 34-27C	SWSE	27	070S	240E	4304735045	5670	Federal	GW	P
RWU 34-22C	RW 34-22C	SWSE	22	070S	240E	4304735098	5670	Federal	GW	P
RW 12G-20C	RW 12G-20C	SWNW	20	070S	240E	4304735239	14011	Federal	GW	S
RW 43G-08F	RW 43G-08F	NESE	08	080S	240E	4304735655		Federal	GW	APD
RW 22G-09F	RW 22G-09F	SENW	09	080S	240E	4304735656	15636	Federal	GW	OPS
RWU 34-23AG	RW 34-23AG	SWSE	23	070S	220E	4304735668	5670	Federal	OW	P
RWU 34-27AG	RWU 34-27AD	SWSE	27	070S	220E	4304735669	5670	Federal	OW	DRL
RWU 32-27AG	RWU 32-27AG	SWNE	27	070S	220E	4304735670	5670	Federal	OW	S
RW 14-34AMU	RW 14-34AMU	SWSW	34	070S	220E	4304735671	14277	Federal	GW	P
RW 12-08FG	RW 12-08FG	SWNW	08	080S	240E	4304736348		Federal	GW	APD
RW 44-08FG	RW 44-08FG	SESE	08	080S	240E	4304736349	15261	Federal	GW	P
RW 12-17FG	RW 12-17FG	SWNW	17	080S	240E	4304736350		Federal	GW	APD
RW 34-34 AMU	RW 34-34 AD	SWSE	34	070S	220E	4304736351		Federal	GW	APD
RW 44-35 AMU	RW 44-35 AMU	SESE	35	070S	220E	4304736352		Federal	GW	APD
RW 14-35 AMU	RW 14-35 AMU	SWSW	35	070S	220E	4304736354		Federal	GW	APD
RW 33-31 BMU	RW 33-31 BD	NWSE	31	070S	230E	4304736357		Federal	GW	APD
RW 13-31 BMU	RW 13-31 BD	NWSW	31	070S	230E	4304736358		Federal	GW	APD
RW 32-15FG	RW 32-15FG	SWNE	15	080S	240E	4304736443		Federal	GW	APD
RW 21-26AG	RW 21-26AD	NENW	26	070S	220E	4304736768		Federal	OW	APD
RW 43-26AG	RW 43-26AG	NESE	26	070S	220E	4304736769		Federal	OW	APD
RW 43-23AG	RW 43-23AG	NESE	23	070S	220E	4304736770		Federal	OW	APD
RW 41-26AG	RW 41-26AG	NENE	26	070S	220E	4304736818		Federal	OW	APD
RW 04-25BG	RW 04-25B	NWSW	25	070S	230E	4304736982		Federal	OW	APD
RW 01-25BG	RW 01-25BG	NWNW	25	070S	230E	4304736983		Federal	OW	APD
RW 04-26BG	RW 04-26BG	SESW	26	070S	230E	4304736984		Federal	OW	APD
RW 01-26BG	RW 01-26BG	SWNW	26	070S	230E	4304736985		Federal	OW	APD
RW 01-35BG	RW 01-35BG	SWNW	35	070S	230E	4304736986		Federal	OW	APD

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 51 (12-16B)	RW 12-16B	SWNW	16	070S	230E	4304715177	5670	State	OW	P
RWU ST 189 (41-16B)	RW 41-16B	NENE	16	070S	230E	4304715292	5670	State	OW	S
RED WASH UNIT 259	RW 14-16B	SWSW	16	070S	230E	4304732785	5670	State	OW	P
RED WASH UNIT 260	RW 34-16B	SWSE	16	070S	230E	4304732786	5670	State	OW	P
RWU 324 (23-16B)	RW 23-16B	SESW	16	070S	230E	4304733084	5670	State	WI	OPS
RWU 21W-36A	RWU 21W-36A	NENW	36	070S	220E	4304733730		State	GW	LA
RWU 21G-36A	RWU 21G-36A	NENW	36	070S	220E	4304733731		State	OW	LA
RWU 41-36A	RWU 41-36A	NENE	36	070S	220E	4304733732		State	OW	LA
RWU 43-16B	RWU 43-16B	NESE	16	070S	230E	4304733733		State	OW	LA
RWU 21-16B	RWU 21-16B	NENW	16	070S	230E	4304733734		State	OW	LA
RWU 11-36A	RWU 11-36A	NWNW	36	070S	220E	4304733736		State	OW	LA
RWU 13-36A	RWU 13-36A	NWSW	36	070S	220E	4304733737		State	OW	LA
RW 32G-16C	RW 32G-16C	SWNE	16	070S	240E	4304735238	5670	State	GW	P
RW 14-36AMU	RW 14-36AMU	SWSW	36	070S	220E	4304736721		State	GW	APD
RW 01-36BG	RW 01-36BG	NWNW	36	070S	230E	4304736887	5670	State	OW	S
RW 24-16BG	RW 24-16BG	SESW	16	070S	230E	4304737746	5670	State	OW	DRL
RW 12-32BG	RW 12-32BG	SWNW	32	070S	230E	4304737946	15841	State	GW	DRL

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

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

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

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

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

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

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

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

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

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

(This space for State use only)

RECEIVED
APR 19 2007
DIV. OF OIL, GAS & MINING

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

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

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

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

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

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

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

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

(This space for State use only)

RECEIVED
APR 19 2007
DIV. OF OIL, GAS & MINING

(5/2000)

(See Instructions on Reverse Side)

United States Department of the Interior

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

TAKE PRIDE IN AMERICA

IN REPLY REFER TO
3180
UT-922

April 23, 2007

Questar Exploration and Production Company
1050 17th Street, Suite 500
Denver, Colorado 80265

Re: Red Wash Unit
Uintah County, Utah

Gentlemen:

On April 12, 2007, we received an indenture dated April 6, 2007, whereby QEP Uinta Basin, Inc. resigned as Unit Operator and Questar Exploration and Production Company was designated as Successor Unit Operator for the Red Wash Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective April 23, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Red Wash Unit Agreement.

Your nationwide oil and gas bond No. ESB000024 will be used to cover all federal operations within the Red Wash Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble
Acting Chief, Branch of Fluid Minerals

Enclosure
bcc: Field Manager - Vernal (w/enclosure)
SITLA
Division of Oil, Gas & Mining
File - Red Wash Unit (w/enclosure)
Agr. Sec. Chron
Reading File
Central Files
UT922:TAThompson:tt:4/23/07

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

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

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

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

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

CA No. **Unit:** **RED WASH**

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

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

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

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

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

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

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

DATA ENTRY:

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

BOND VERIFICATION:

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

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

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:

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

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

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

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

4. LOCATION OF WELL

FOOTAGES AT SURFACE: See attached

COUNTY: Attached

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

STATE: UTAH

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

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

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

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

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

NAME (PLEASE PRINT) Morgan Anderson TITLE Regulatory Affairs Analyst

SIGNATURE Morgan Anderson DATE 6/23/2010

(This space for State use only)

RECEIVED
JUN 28 2010
DIV. OF OIL, GAS & MINING

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

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

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

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
RW 34-23B	23	070S	230E	4304715136	5670	Federal	OW	P	
RW 41-23B	23	070S	230E	4304715138	5670	Federal	OW	P	
RW 32-22B	22	070S	230E	4304715139	5670	Federal	OW	P	
RW 43-23B	23	070S	230E	4304715140	5670	Federal	OW	P	
RW 32-17C	17	070S	240E	4304715145	5670	Federal	OW	P	
RW 34-26B	26	070S	230E	4304715148	5670	Federal	GW	TA	
RW 32-14B	14	070S	230E	4304715150	5670	Federal	OW	P	
RW 34-14B	14	070S	230E	4304715152	5670	Federal	OW	S	
RW 23-22B	22	070S	230E	4304715153	5670	Federal	OW	TA	
RW 43-22B	22	070S	230E	4304715155	5670	Federal	OW	P	
RW 32-23B	23	070S	230E	4304715156	5670	Federal	OW	P	
RW 23-13B	13	070S	230E	4304715157	5670	Federal	GW	TA	
RW 34-22B	22	070S	230E	4304715158	5670	Federal	OW	P	
RW 32-13B	13	070S	230E	4304715163	5670	Federal	GW	P	
RW 14-23B	23	070S	230E	4304715165	5670	Federal	OW	S	
RW 14-24A	24	070S	220E	4304715166	17554	Federal	OW	DRL	
RW 21-24B	24	070S	230E	4304715167	5670	Federal	OW	TA	
RW 34-13B	13	070S	230E	4304715168	5670	Federal	OW	P	
RW 21-29C	29	070S	240E	4304715169	5670	Federal	GW	P	
RW 12-17B	17	070S	230E	4304715170	5670	Federal	OW	P	
RW 32-33C	33	070S	240E	4304715171	5670	Federal	GW	P	
RW 14-23A	23	070S	220E	4304715176	5670	Federal	OW	P	
RW 12-18C	18	070S	240E	4304715183	5670	Federal	OW	P	
RW 21-22B	22	070S	230E	4304715186	5670	Federal	GW	TA	
RW 34-18B	18	070S	230E	4304715189	5670	Federal	OW	P	
RW 21-27B	27	070S	230E	4304715191	5670	Federal	OW	TA	
RW 23-22A	22	070S	220E	4304715192	5670	Federal	OW	P	
RW 21-18C	18	070S	240E	4304715193	5670	Federal	OW	P	
RW 12-13B	13	070S	230E	4304715196	5670	Federal	GW	S	
RW 32-18C	18	070S	240E	4304715198	5670	Federal	GW	P	
RWU 77 (21-13B)	13	070S	230E	4304715199	5670	Federal	OW	P	
RW 32-28B	28	070S	230E	4304715200	5670	Federal	OW	P	
RW 12-27B	27	070S	230E	4304715201	5670	Federal	OW	TA	
RW 14-27B	27	070S	230E	4304715202	5670	Federal	OW	P	
RW 41-31B	31	070S	230E	4304715203	5670	Federal	OW	P	
RW 41-27A	27	070S	220E	4304715205	5670	Federal	OW	S	
RW 44-14B	14	070S	230E	4304715206	5670	Federal	GW	P	
RW 43-21B	21	070S	230E	4304715211	5670	Federal	OW	P	
RW 12-22A	22	070S	220E	4304715213	5670	Federal	OW	P	
RW 12-22B	22	070S	230E	4304715218	5670	Federal	OW	P	
RW 34-21B	21	070S	230E	4304715220	5670	Federal	OW	P	
RW 34-15B	15	070S	230E	4304715222	5670	Federal	OW	P	
RW 32-21B	21	070S	230E	4304715226	5670	Federal	OW	P	
RW 21-28B	28	070S	230E	4304715227	5670	Federal	OW	P	

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

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

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
RW 23-23A	23	070S	220E	4304715228	5670	Federal	OW	P	
RW 32-24A	24	070S	220E	4304715229	5670	Federal	OW	P	
RW 32-28A	28	070S	220E	4304715230	5670	Federal	OW	S	
RW 21-19B	19	070S	230E	4304715233	5670	Federal	OW	P	
RW 43-29A	29	070S	220E	4304715236	5670	Federal	OW	S	C
RW 23-28B	28	070S	230E	4304715237	17525	Federal	OW	P	C
RW 13-13B	13	070S	230E	4304715238	5670	Federal	GW	P	
RW 24-14B	14	070S	230E	4304715239	5670	Federal	OW	P	
RW 41-29A	29	070S	220E	4304715243	5670	Federal	OW	P	
RW 14-15B	15	070S	230E	4304715246	5670	Federal	OW	P	
RW 41-34B	34	070S	230E	4304715250	5670	Federal	OW	P	
RW 41-30B	30	070S	230E	4304715254	5670	Federal	OW	P	
RW 24-22B	22	070S	230E	4304715255	5670	Federal	OW	P	
RW 33-14B	14	070S	230E	4304715257	5670	Federal	OW	P	
RW 21-18B	18	070S	230E	4304715258	5670	Federal	OW	TA	
RW 22-22B	22	070S	230E	4304715260	5670	Federal	OW	TA	C
RW 42-14B	14	070S	230E	4304715264	5670	Federal	OW	P	
RW 14-29B	29	070S	230E	4304715265	5670	Federal	OW	P	
RW 32-30B	30	070S	230E	4304715268	5670	Federal	OW	P	
RW 32-15B	15	070S	230E	4304715270	5670	Federal	OW	P	
RW 12-20B	20	070S	230E	4304715272	5670	Federal	OW	S	
RW 12-28B	28	070S	230E	4304715274	5670	Federal	OW	P	
RW 32-26B	26	070S	230E	4304715275	5670	Federal	GW	TA	
RW 31-28B	28	070S	230E	4304715283	5670	Federal	OW	TA	
RW 34-30B	30	070S	230E	4304715288	5670	Federal	OW	P	
RW 23-26B	26	070S	230E	4304715290	5670	Federal	GW	S	
RW 41-33A	33	070S	220E	4304715294	5670	Federal	OW	P	
RW 43-24B	24	070S	230E	4304715295	5670	Federal	GW	TA	
RW 12-14B	14	070S	230E	4304715296	5670	Federal	OW	S	
RW 32-28C	28	070S	240E	4304715302	5670	Federal	GW	P	
RW 23-25A	25	070S	220E	4304715305	5670	Federal	OW	P	
RW 41-8F	08	080S	240E	4304720014	5670	Federal	GW	P	
RW 44-21C	21	070S	240E	4304730149	5670	Federal	GW	S	
RW 13-27B	27	070S	230E	4304730199	5670	Federal	OW	TA	
RW 21-34B	34	070S	230E	4304730258	5670	Federal	OW	P	
RW 43-26B	26	070S	230E	4304730259	5670	Federal	OW	TA	
RW 14-18C	18	070S	240E	4304730309	5670	Federal	OW	P	
RW 12-26B	26	070S	230E	4304730311	5670	Federal	OW	TA	
RW 32-24B	24	070S	230E	4304730313	5670	Federal	OW	P	
RW 34-18C	18	070S	240E	4304730314	5670	Federal	OW	P	
RW 21-19C	19	070S	240E	4304730340	5670	Federal	GW	P	
RW 14-25B	25	070S	230E	4304730341	5670	Federal	OW	P	
RW 32-35B	35	070S	230E	4304730342	5670	Federal	OW	TA	
RW 12-36B	36	070S	230E	4304730344	5670	Federal	OW	S	

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

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

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
RW 22-14B	14	070S	230E	4304730345	5670	Federal	OW	P	
RW 42-13B	13	070S	230E	4304730346	5670	Federal	OW	P	
RW 23-19C	19	070S	240E	4304730348	5670	Federal	GW	P	
RW 22-18C	18	070S	240E	4304730387	5670	Federal	OW	P	
RW 22-17C	17	070S	240E	4304730388	5670	Federal	GW	P	
RW 44-26B	26	070S	230E	4304730520	5670	Federal	GW	P	
RW 42-27B	27	070S	230E	4304731051	5670	Federal	OW	TA	
RW 44-27B	27	070S	230E	4304731053	5670	Federal	OW	TA	
RW 44-23B	23	070S	230E	4304731054	5670	Federal	GW	P	
RW 11-35B	35	070S	230E	4304731079	5670	Federal	OW	P	
RW 22-35B	35	070S	230E	4304731082	5670	Federal	OW	P	
RW 33-23B	23	070S	230E	4304731476	5670	Federal	GW	TA	
RW 11-24B	24	070S	230E	4304731477	5670	Federal	OW	P	
RW 42-21B	21	070S	230E	4304731478	5670	Federal	OW	P	
RW 13-24B	24	070S	230E	4304731517	5670	Federal	OW	P	
RW 42-23B	23	070S	230E	4304731576	5670	Federal	GW	TA	
RW 12-35B	35	070S	230E	4304731578	5670	Federal	OW	S	
RW 24-15B	15	070S	230E	4304731579	5670	Federal	OW	P	
RW 24-18C	18	070S	240E	4304731582	5670	Federal	GW	P	
RW 43-15B	15	070S	230E	4304731682	17643	Federal	GW	DRL	C
RW 34-17B	17	070S	230E	4304731819	5670	Federal	OW	P	
RW 41-4F	04	080S	240E	4304732538	5670	Federal	GW	TA	
RW 23-23C	23	070S	240E	4304732629	5670	Federal	GW	P	
RW 14-17B	17	070S	230E	4304732738	5670	Federal	OW	P	
RW 32-17B	17	070S	230E	4304732981	5670	Federal	OW	P	
RW 32-18B	18	070S	230E	4304733018	5670	Federal	OW	P	
RW 42-20B	20	070S	230E	4304733490	5670	Federal	OW	P	
RW 22-20B	20	070S	230E	4304733491	5670	Federal	OW	P	
RW 24-19B	19	070S	230E	4304733492	5670	Federal	OW	P	
RW 22-21B	21	070S	230E	4304733522	5670	Federal	OW	S	
RW 24-20B	20	070S	230E	4304733523	5670	Federal	OW	P	
RW 44-19B	19	070S	230E	4304733524	5670	Federal	OW	P	
RW 44-20B	20	070S	230E	4304733525	5670	Federal	OW	P	
RW 24-18B	18	070S	230E	4304733554	5670	Federal	OW	P	
RW 42-19B	19	070S	230E	4304733556	5670	Federal	OW	P	
RW 22-19B	19	070S	230E	4304733559	5670	Federal	OW	P	
RW 23-24A	24	070S	220E	4304733567	5670	Federal	OW	P	
RW 42-24A	24	070S	220E	4304733569	5670	Federal	OW	P	
RW 21-25A	25	070S	220E	4304733576	5670	Federal	OW	P	
RW 41-25A	25	070S	220E	4304733579	5670	Federal	OW	P	
RW 21-24A	24	070S	220E	4304733592	5670	Federal	OW	P	
RW 44-18B	18	070S	230E	4304733594	5670	Federal	OW	P	
RW 41-24A	24	070S	220E	4304733769	5670	Federal	OW	P	
RW 42-30B	30	070S	230E	4304733771	5670	Federal	OW	S	

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

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

well_name	sec	twp	rng	api	entity	mineral lease	type	stat	C
RWU 44-30B	30	070S	230E	4304733772	5670	Federal	OW	P	
RW 22-25A	25	070S	220E	4304733786	5670	Federal	OW	P	
RW 34-27C	27	070S	240E	4304735045	5670	Federal	GW	P	
RW 34-22C	22	070S	240E	4304735098	5670	Federal	GW	P	
RW 34-23AG	23	070S	220E	4304735668	5670	Federal	OW	P	
RWU 32-27AG	27	070S	220E	4304735670	5670	Federal	OW	P	
RW 14-34AMU	34	070S	220E	4304735671	14277	Federal	GW	P	
RW 44-08FG	08	080S	240E	4304736349	15261	Federal	GW	P	
RW 34-34 AD	34	070S	220E	4304736351	16177	Federal	GW	P	
RW 33-31 BD	31	070S	230E	4304736357		Federal	GW	APD	C
RW 13-31 BD	31	070S	230E	4304736358		Federal	GW	APD	C
RW 21-26AD	26	070S	220E	4304736768	5670	Federal	OW	OPS	C
RW 43-26AG	26	070S	220E	4304736769	16575	Federal	OW	OPS	C
RW 43-23AG	23	070S	220E	4304736770	5670	Federal	OW	OPS	C
RW 41-26AG	26	070S	220E	4304736818	5670	Federal	OW	OPS	C
RW 04-25B	25	070S	230E	4304736982	17224	Federal	OW	P	
RW 34-27ADR	27	070S	220E	4304739445	16330	Federal	GW	P	
RW 32-29CD	29	070S	240E	4304739854		Federal	GW	APD	C
RW 24-10FD	10	080S	240E	4304739963		Federal	GW	APD	C
RW 34-20CD	20	070S	240E	4304739964		Federal	GW	APD	C
RW 32-20CD	20	070S	240E	4304739965		Federal	GW	APD	
RW 24-21CD	21	070S	240E	4304739966		Federal	GW	APD	C
RW 41-28CD	28	070S	240E	4304739967		Federal	GW	APD	C
RW 41-33CD	33	070S	240E	4304739968		Federal	GW	APD	C
RW 14-35 AMU	35	070S	220E	4304740051		Federal	GW	APD	C
RW 44-35 AMU	35	070S	220E	4304740052		Federal	GW	APD	
RW 12-17FG	17	080S	240E	4304740602		Federal	GW	APD	C

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

United States Department of the Interior

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

TAKE PRIDE IN AMERICA

IN REPLY REFER TO:
3100
(UT-922)

JUL 28 2010

Memorandum

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

From: Chief, Branch of Minerals Roger L Bankert

Subject: Name Change Recognized

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

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

cc: MMS
UDOGM

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

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-02148

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: RED WASH

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: RW 32-17C

2. NAME OF OPERATOR: QEP ENERGY COMPANY

9. API NUMBER: 43047151450000

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

PHONE NUMBER: 303 308-3068 Ext

9. FIELD and POOL or WILDCAT: RED WASH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2055 FNL 1980 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 17 Township: 07.0S Range: 24.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 11/1/2011	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	✓ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

QEP Energy Company requests approval to deepen the above well to a total depth of 10,488' to the Mesaverde Formation. In addition, the well pad has been modified to accomodate the larger drill rig and the Surface Use Plan has been revised to address all other changes. The ammended footages are: 2054'FNL, 1986' FEL. QEP Energy Company respectfully requests the type of well change- From: Oil To: Gas. Please refer to the following plans: Surface Use Plan, 8-Point Drilling Plan, Plat Package, Weed Data Sheet.

650195X 40.211120
4452473Y -109.235091

Approved by the Utah Division of Oil, Gas and Mining

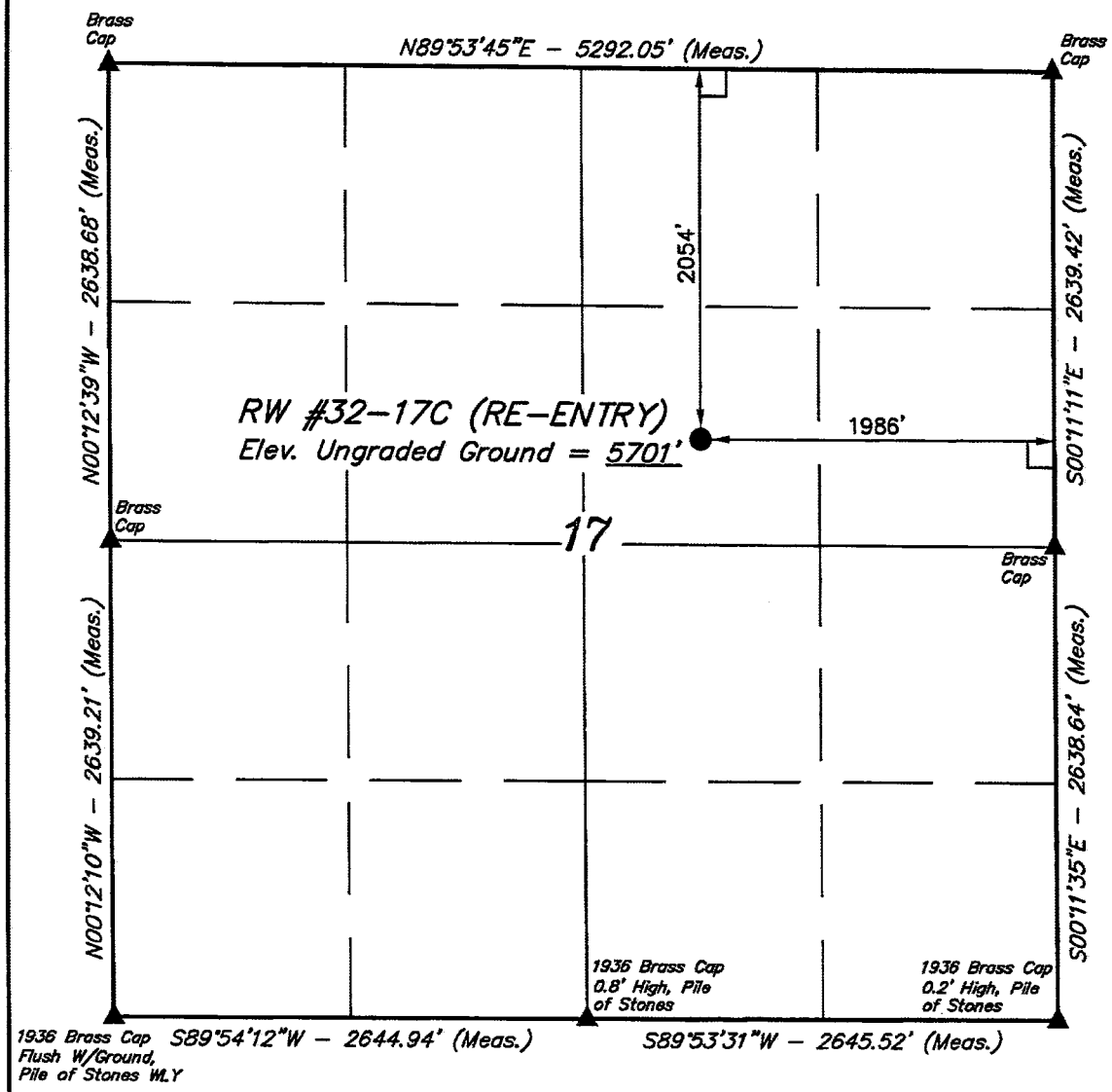
Date: 06-22-11
By: [signature]

Federal Approval of this Action is Necessary

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

SIGNATURE	DATE
N/A	6/2/2011

T7S, R24E, S.L.B.&M.



LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

(NAD 83)
LATITUDE = 40°12'39.94" (40.211094)
LONGITUDE = 109°14'08.89" (109.235803)
(NAD 27)
LATITUDE = 40°12'40.07" (40.211131)
LONGITUDE = 109°14'06.45" (109.235125)

QEP ENERGY COMPANY

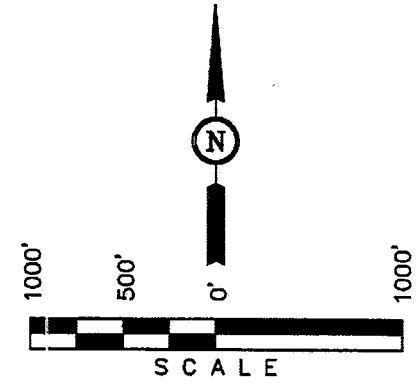
Well location, RW #32-17C (RE-ENTRY), located as shown in the SW 1/4 NE 1/4 of Section 17, T7S, R24E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

BASIS OF BEARINGS

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



CERTIFICATE

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

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

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

SCALE 1" = 1000'	DATE SURVEYED: 03-14-11	DATE DRAWN: 03-17-11
PARTY A.F. J.C. K.O.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE QEP ENERGY COMPANY	

QEP Energy Company
RW 32-17C Drilling Prog
API: 43-047-15145
Summarized Re-Entry Procedure

1. Clear location of all unnecessary equipment.
2. MIRU pulling unit.
3. ND tubing head, NU BOP's (3M).
4. Kill well if necessary.
5. POOH with all existing production equipment and tubing.
6. Completions will prep well for re-entry.
7. POOH.
8. ND BOP's
9. RD pulling unit, move off location.
10. MIRU drilling rig.
11. NU rig's 5M BOPE.
12. Drill out shoe and down to 10,488'.
13. Log well. Triple or Quad-Combo (GR, NEU/DEN, IND, RES, SON)
14. RIH with 4-1/2" 11.6# HCP-110 casing and cement.
15. ND BOP's.
16. RDMO.

ONSHORE OIL & GAS ORDER NO. 1
QEP ENERGY COMPANY
RW 32-17C (API#: 43-047-15145)

RE-ENTRY DRILLING PROGRAM

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

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

1. Formation Tops

The estimated top of important geologic markers are as follows:

Formation	Depth, TVD & MD
Green River	2,789'
Mahogany	3,436'
Original TD	5,800'
Wasatch	5,788'
Mesaverde	8,028'
Sego	10,388'
TD	10,488'

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

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

Substance	Formation	Depth, TVD & MD
Gas	Wasatch	5,788'
Gas	Mesaverde	8,028'
Gas	Sego	10,388'

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 Red Wash Central Battery Disposal site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

3. Operator's Specification for Pressure Control Equipment

A. 7 1/16" or 11" as available 5000 psi double ram with blind rams and pipe rams, annular preventer and drilling spool or BOP with 2 side outlets.

B. All BOP connections subject to pressure shall be flanged, welded or clamped.

C. Kill line (2" min), 2 choke line valves (3" min), choke line (3" min), 2 kill line valves (2" min) and a check valve, 2 chokes with one remotely controlled from rig floor and a pressure gauge on choke manifold.

D. Upper and Lower Kelly cock valves with handles and safety valve and subs to fit all drill string connections.

E. IBOP or float sub available.

F. Fill up line must be installed above the uppermost preventer.

G. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc…, for a 5M system and individual components shall be operable as designed.

4. Casing Design:

Hole Size	Csg. Size	Top (MD)	Bottom (MD)	Wt.	Grade	Thread	Cond.	Expected MW(ppg)
13 ¾"	10 ¾"	sfc	265'	40.5#	J-55	STC	Existing	N/A
8 3/4"	7"	sfc	5,523'	23#	J-55	LTC	Existing	N/A
6 1/8"	4 1/2"	sfc	10,488'	11.6#	HCP-110	LTC	New	8.8 – 10.5

Casing Strengths:				Collapse	Burst	Tensile (min)
10 ¾"	40.5#	J-55	STC	1,580 psi	3,130 psi	420,000 lb.
7"	23#	J-55	LTC	3,270 psi	4,360 psi	313,000 lb.
4 1/2"	11.6#	HCP-110	LTC	8,830 psi	10,710 psi	279,000 lb.

Casing Design Factors
*The casing prescribed above meets or exceeds the below listed design factors.
Burst: 1.2
Collapse: 1.2
Tension: 1.6

Maximum anticipated mud weight: 10.5 ppg
Maximum anticipated surface treating pressure: 7,200 psi

5. Cementing Program

4-1/2" Production Casing:

Lead Slurry: 3,000' (TOC) – 8,028'. 190 sks (574 ft^3) Halliburton Extendacem, 3 pps Silicalite (extender), 1 pps Granulite TR ¼ (LCM), 0.125 pps Poly – E – Flake. Slurry Weight 11.0 lb/gal, 3.18 ft^3/sk, 25% excess over gauge in open hole only.

Tail Slurry: 8,028' – 10,488'. 180 sks (293 ft^3), Halliburton Expandacem, 0.2% Super CBL (Expander), 0.45% HR-5 (Retarder), 1 pps Granulite TR ¼, 0.125 pps Poly-E-Flake (LCM). Slurry Weight 13.5 lb/gal, 1.71 ft^3/sk, 25% excess over gauge hole.

*Final cement volumes to be calculated from caliper log and will attempt to pump cement to 3,000'.

6. Auxiliary Equipment

A. Kelly Cock – yes

B. Float at the bit – yes

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

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

E. Drilling below the 7" casing will be done with water based mud. Maximum anticipated mud weight is 10.5 ppg.

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

G. Gas detector will be used from intermediate casing depth to TD.

7. Testing, logging and coring program

A. Cores – none.

B. DST – none anticipated

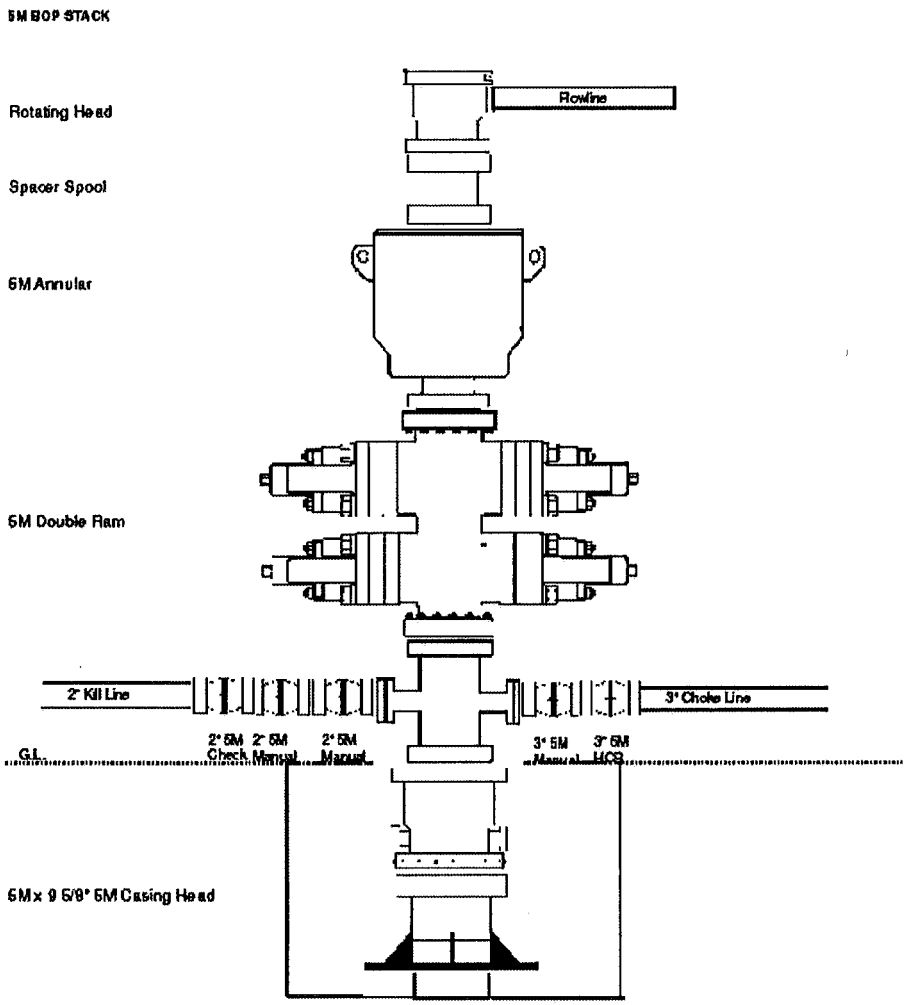
C. Logging – Mud logging – Intermediate Casing to TD
OH Logs: GR-SP-Induction, Neutron Density.

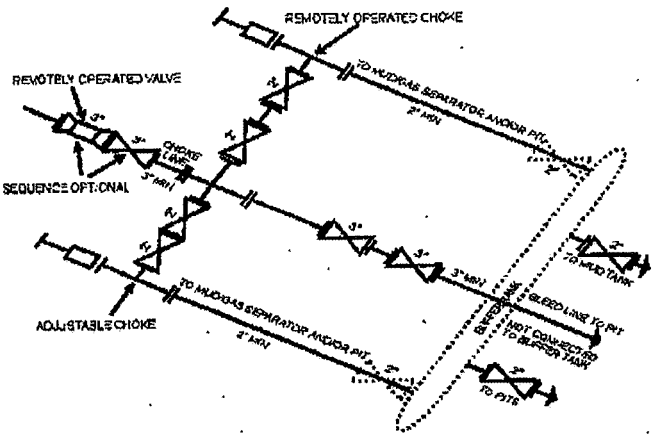
D. Formation and Completion Interval:
– Stimulation will be designed for the particular area of interest as encountered.

8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

No abnormal temperatures or pressures are anticipated. Maximum anticipated bottom hole pressure equals approximately 5,726 psi. Maximum anticipated bottom hole temperature is 208° F.

H2S has not been encountered in other wells drilled to similar depths in the general area.


5M BOP STACK
Rotating Head
Spacer Spool
5M Annular
5M Double Ram
2" Kill Line
3" Choke Line
G.L.
2" 5M Check
2" 5M Manual
2" 5M Manual
3" 5M Manual
3" 5M HCR
5M x 9 5/8" 5M Casing Head
Flowline



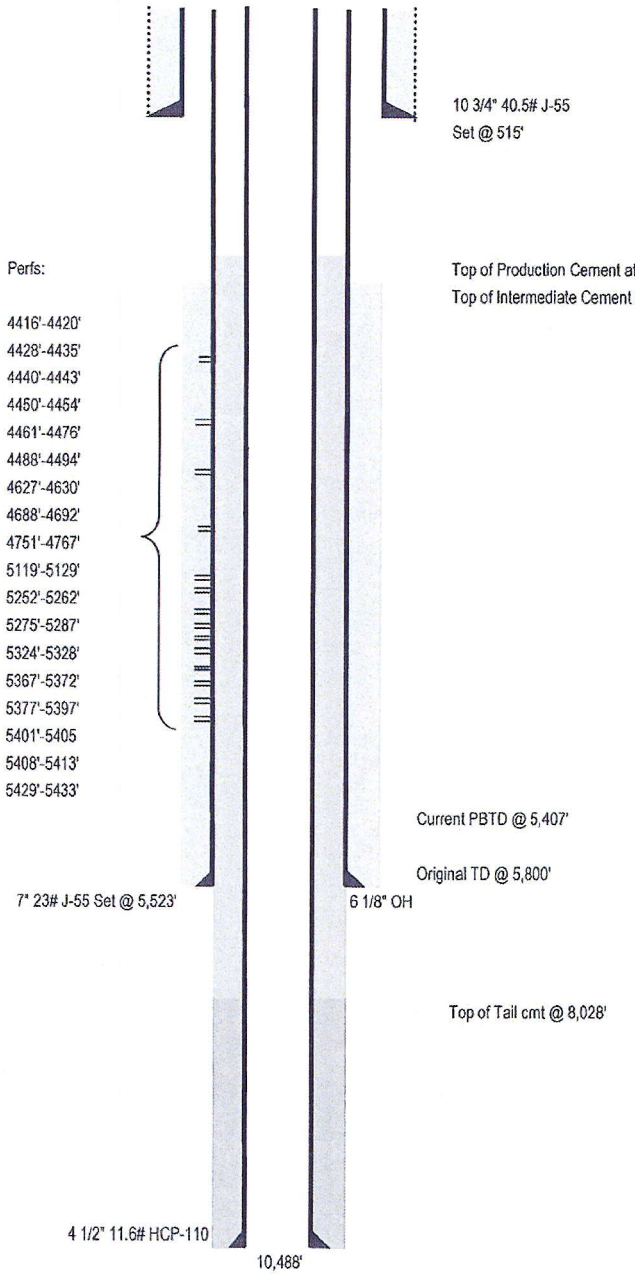
5M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

Although are required for any of the choke manifold systems, buffer tanks are sometimes installed downstream of the choke assemblies for the purpose of manifolding the bleed lines together. When buffer tanks are employed, valves shall be installed upstream to isolate a failure or malfunction without interrupting flow control. Though not shown on 3M, 5M, 10M, OR 15M drawings, it would also be applicable to those situations.

[54 FR 39528, Sept. 27, 1989]

Updated MPG 4-29-2011

RW 32-17C
API# 43-047-15145
SWNE Sec 17 T7S R24E
Uintah County, Utah
KB 5,715'
GL 5,701'
Original Spud 4/5/1952



QEP ENERGY COMPANY
RW 32-17C
2054' FNL 1986' FEL
SWNE, SECTION 17, T7S, R24E
UINTAH COUNTY, UTAH
LEASE # UTU-02148

ONSHORE ORDER NO. 1
MULTI – POINT SURFACE USE & OPERATIONS PLAN

An onsite inspection was conducted for the RW 32-17C on May 4, 2011. Weather conditions were sunny at the time of the onsite. In attendance at the inspection were the following individuals:

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

1. **Existing Roads:**

The proposed well site is approximately 29 miles South of Vernal, Utah.

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

All existing roads will be maintained and kept in good repair during all phases of operation.

2. **Planned Access Roads:**

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

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

No new access road is proposed. The access to be used is the access to the existing RW 32-17C location. Graveling or capping the roadbed will be performed as necessary to provide a well constructed safe road. Should conditions warrant, rock, gravel or culverts will be installed as needed.

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

Please refer to Topo Map C.

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

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

The following guidelines will apply if the well is productive.

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

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

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

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

Refer to Topo Map D for the location of the proposed pipeline.

All existing equipment will be moved off location before any construction begins.

The proposed surface pipeline will be constructed utilizing existing disturbed areas to minimize surface disturbance. No construction activities will be allowed outside of the proposed pipeline.

Prior to construction, the Permittee will develop a plan of installation to minimize surface disturbance. Pipe will be strung along the pipeline route with either a flatbed trailer and rubber tired backhoe or a tracked typed side boom. Where surface conditions do not allow the pipe to be strung using conventional methods, the Permittee will utilize pull sections to run the fabricated pipe through the area from central staging areas along the pipeline route.

Upon completion of stringing activities the Permittee will fabricate the pipeline on wooden skids adjacent to the centerline of the pipeline route using truck mounted welding machines. All fabricated piping will be lowered off of the wooden skids and

placed along the centerline. Upon completion of all activities, the wooden skids will be removed from the pipeline route using a flatbed truck or flatbed truck and trailer.

When the surface terrain prohibits the Permittee from safely installing the pipeline along the pipeline route, grading of the route will be required. Prior to installing the pipeline in these areas a plan will be developed to safely install the pipeline while minimizing grading activities and surface disturbances. Additionally, erosion control Best Management Practices will be installed as needed prior to the start of any grading activities. Surface grading will be limited to what is needed to safely install the pipeline. Track type bulldozers and track type backhoes will be utilized for grading activities.

Upon completion of the pipeline installation, the pipeline route will be restored to the pre-disturbance surface contours.

The proposed pipeline will be a surface 10" or smaller, 14,941' in length, containing 10.28 acres.

Road Crossings

Fusion Bond or concrete coated pipe will be used for all road crossings to alleviate future corrosion.

All pipe and fittings used for road crossings will be prefabricated within the proposed pipeline route to minimize the duration of open pipe trench across the roadway. Pipe used for road crossings will be isolated on each end with a flange set and insulation kit and cathodically protected with a magnesium type anode. Adequately sized equipment will be used for minor and major road crossings. Depth of cover for minor roads will be >4' and the depth of cover for major roads will be >6'.

Prior to lowering the pipe in the trench, the Permittee will "Jeep" the pipe to locate and repair any Holidays in the pipe coating. Upon lowering the pipe in the trench, 6" of bedding and a minimum of 6" of shading will be installed to protect the pipe using either native soils <1" in diameter or imported sand. Pipe trenches that extend across gravel roads will be backfilled with native soils to within 8" of the driving surface and capped with 3/4" road base. Pipe trenches that extend across asphalt paved roads will be backfilled to 4" of the driving surface with 3/4" road base and capped asphalt material.

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

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

Water for drilling purposes would be obtained from Wonsits Valley Water Right # A 36125 (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.

6. **Source of Construction Materials:**

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

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

Any gravel will be obtained from a commercial source.

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

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

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

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 or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

It will be determined at the on-site inspection if 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.

After first production, produced wastewater will be confined to the approved pit or storage tank for a period not to exceed 90 days.

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

Red Wash disposal well located in the NESW, Section 28, T7S, R22E,
Red Wash Central Battery Disposal located SWSE, Section 27, T7S, R23E,
West End Disposal located in the NESE, Section 28, T7S, R22E,
or approved third-party surface evaporative pits.

Produced water, oil, and other byproducts will not be applied to roads or well pads for the 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:

None anticipated.

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

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

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

The reserve pit.

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

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

10. <u>Fencing Requirements</u>:

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. <u>Plans for Reclamation of the Surface:</u>

Please refer to QEP Energy Company Uinta Basin Division Reclamation Plan

Site Specific Procedures:

Site Specific Reclamation Summary:

Reclamation will follow Questar Exploration and Production Company, Uinta Basin Division's Reclamation Plan, September 2009 (Questar's Reclamation 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 disked 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 Questar's Reclamation Plan. A sundry notice (Form 3160.5), for the Reference Site will be filed at a later date.

It was determined and agreed upon that there is 6" inches of top soil.

12. Surface Ownership:

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

13. Other Information:

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted on May 9, 2011 **Moac Report No. 11-011** by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

A Class III paleontological survey was conducted by Intermountain Paleo Consulting. A copy of this report was submitted on May 27, 2011 **IPC # 11-33** by Stephen D. Sandau. Due to the number of exposed layers of the fossiliferous Brennan Basin Member of the Duchesne River Formation which will be disturbed, it is recommended that a permitted paleontologist be present during the construction process of the proposed pipeline. QEP Energy Company will provide Paleo monitor for this project.

Additional Operator Remarks

QEP Energy Company proposes to deepen the existing well bore for the RW 32-17C and drill to a depth of 10,488' to test the Mesa Verde Formation. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements"

Please see Onshore Order No. 1.

Please refer to QEP Energy Company Greater Deadman Bench
EIS UT-080-2003-0369V Record of Decision dated March 31, 2008.

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.

QEP ENERGY COMPANY

RW #32-17C (RE-ENTRY)

LOCATED IN UINTAH COUNTY, UTAH
SECTION 17, T7S, R24E, S.L.B.&M.

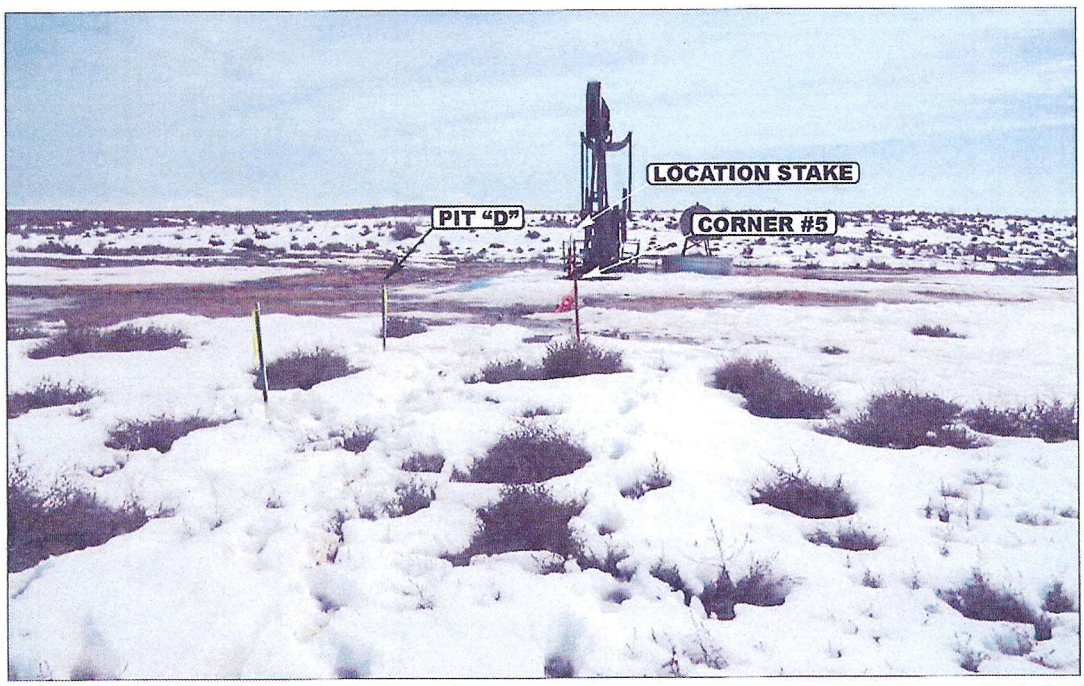


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE **CAMERA ANGLE: SOUTHERLY**

PHOTO: VIEW OF EXISTING ACCESS **CAMERA ANGLE: SOUTHWESTERLY**

- Since 1964 -

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

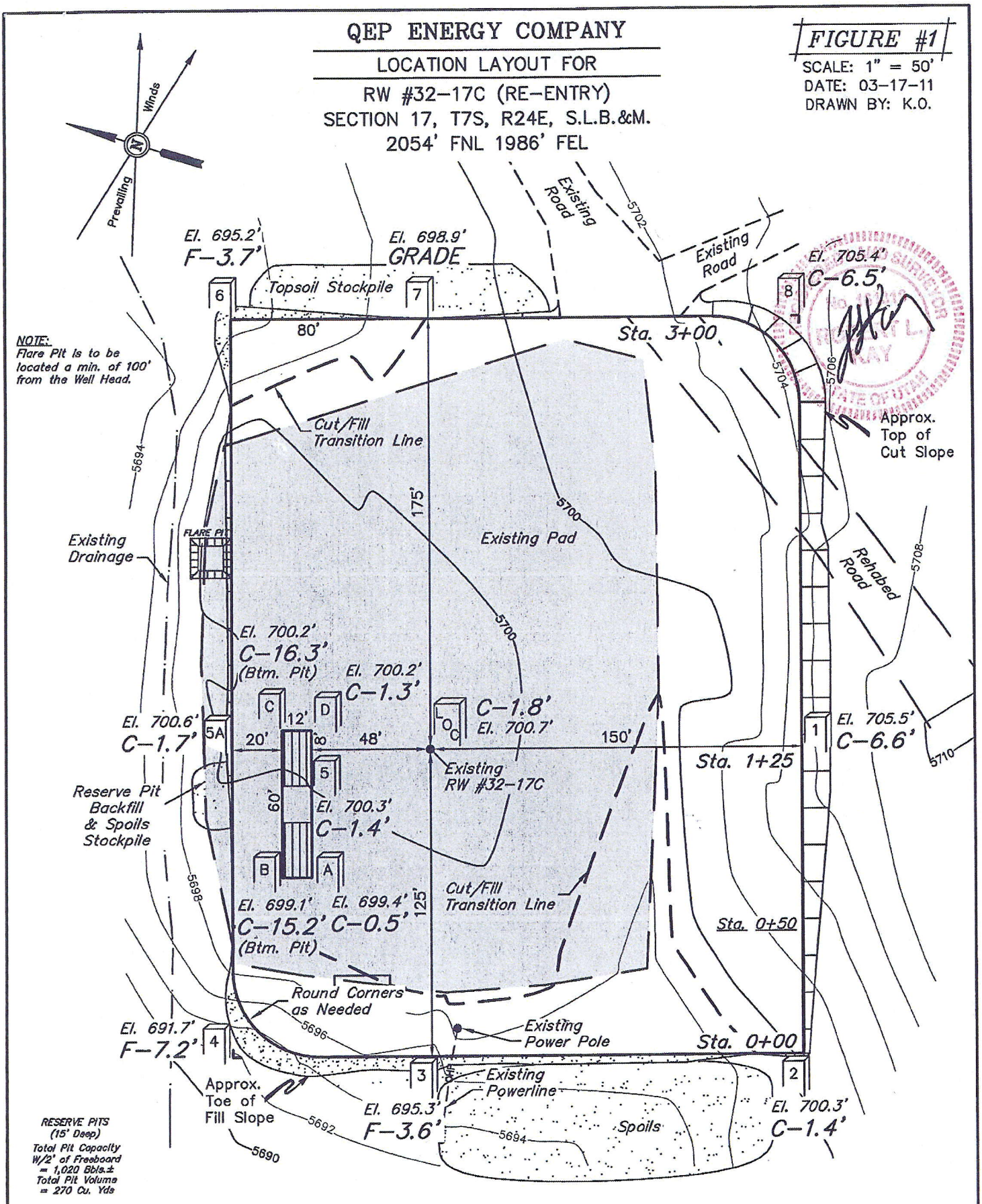
LOCATION PHOTOS	03 MONTH	17 DAY	11 YEAR	PHOTO
TAKEN BY: A.F.	DRAWN BY: J.L.G.	REVISED: 00-00-00		

QEP ENERGY COMPANY

LOCATION LAYOUT FOR

RW #32-17C (RE-ENTRY)
SECTION 17, T7S, R24E, S.L.B.&M.
2054' FNL 1986' FEL

FIGURE #1
SCALE: 1" = 50'
DATE: 03-17-11
DRAWN BY: K.O.



Elev. Ungraded Ground At Loc. Stake = 5700.7'
FINISHED GRADE ELEV. AT LOC. STAKE = 5698.9'

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

QEP ENERGY COMPANY

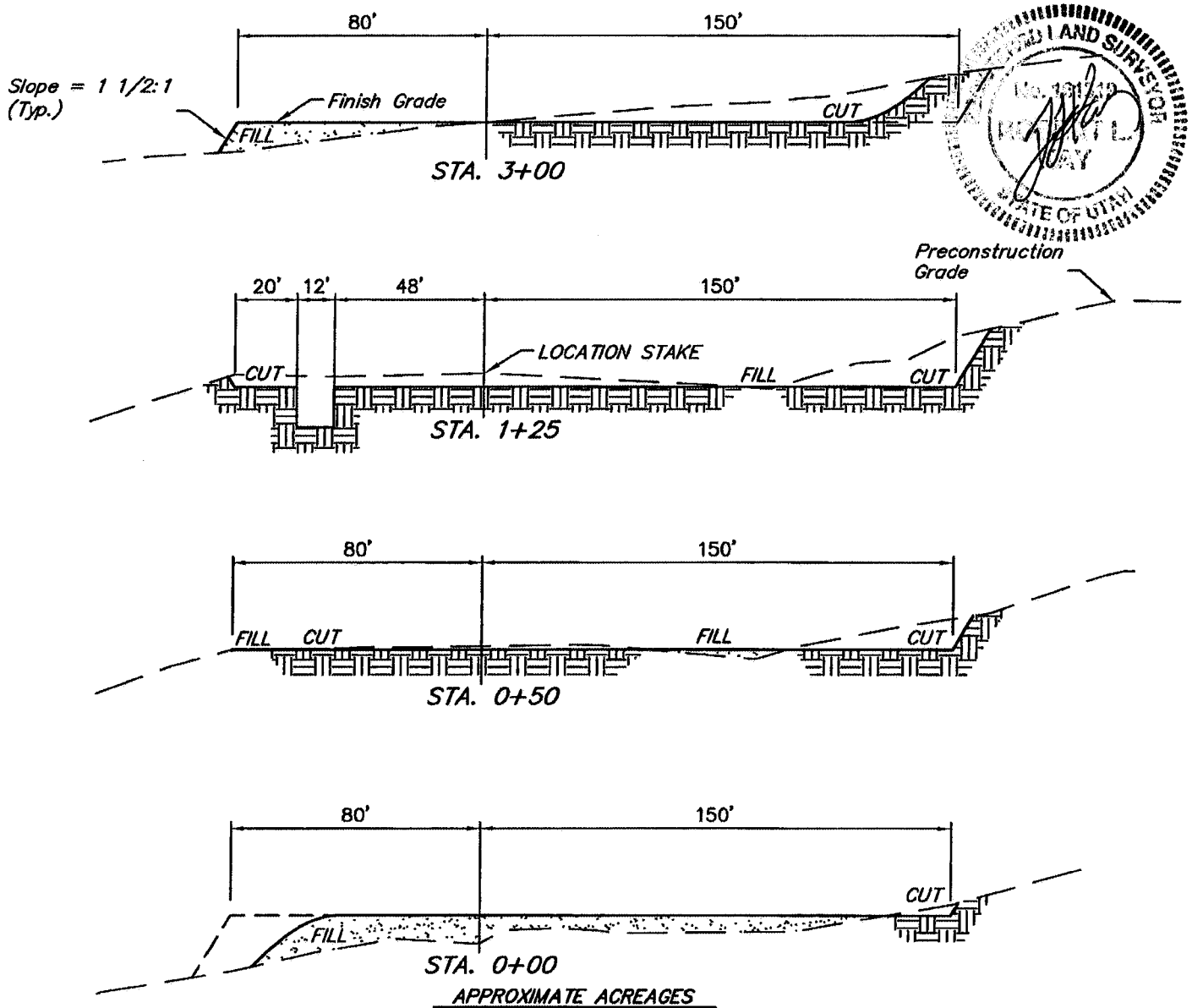
TYPICAL CROSS SECTIONS FOR

RW #32-17C (RE-ENTRY)
SECTION 17, T7S, R24E, S.L.B.&M.
2054' FNL 1986' FEL

FIGURE #2

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

DATE: 03-17-11
DRAWN BY: K.O.
REVISED: 05-04-11



APPROXIMATE ACREAGES

EXISTING DISTURBANCE
WITHIN PROPOSED WELL SITE = ± 0.957 ACRES
REMAINING PROPOSED
WELL SITE DISTURBANCE = ± 0.929 ACRES
PIPELINE DISTURBANCE = ± 10.290 ACRES
TOTAL = ± 12.176 ACRES

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

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping	=	780 Cu. Yds.
Remaining Location	=	3,070 Cu. Yds.
TOTAL CUT	=	3,850 CU.YDS.
FILL	=	690 CU.YDS.

EXCESS MATERIAL	=	3,160 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	920 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	=	2,240 Cu. Yds.

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

QEP ENERGY COMPANY

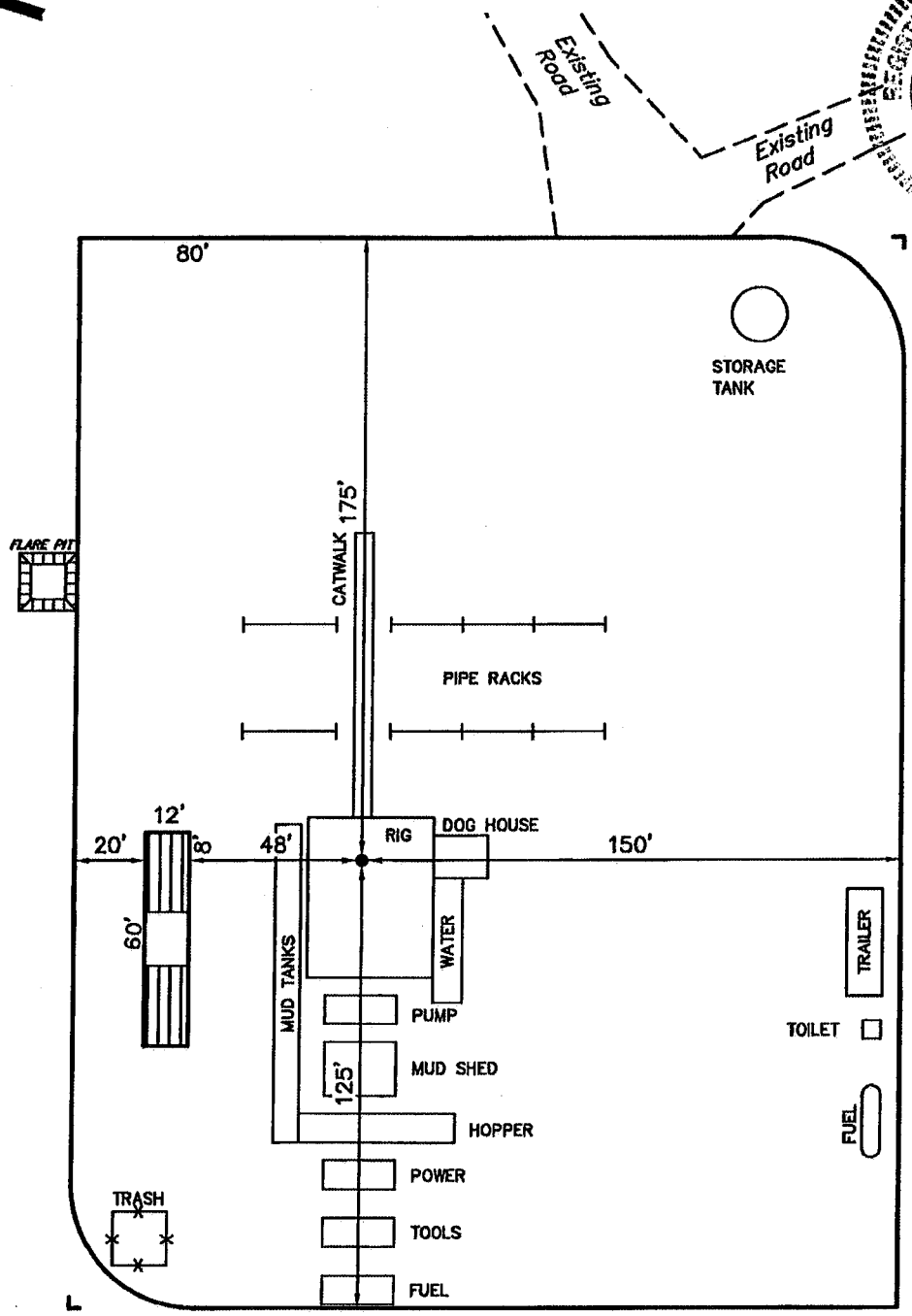
TYPICAL RIG LAYOUT FOR

RW #32-17C (RE-ENTRY)
SECTION 17, T7S, R24E, S.L.B.&M.
2054' FNL 1986' FEL

FIGURE #3
SCALE: 1" = 50'
DATE: 03-17-11
DRAWN BY: K.O.

REGISTERED LAND SURVEYOR No. 161319 STATE OF UTAH

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



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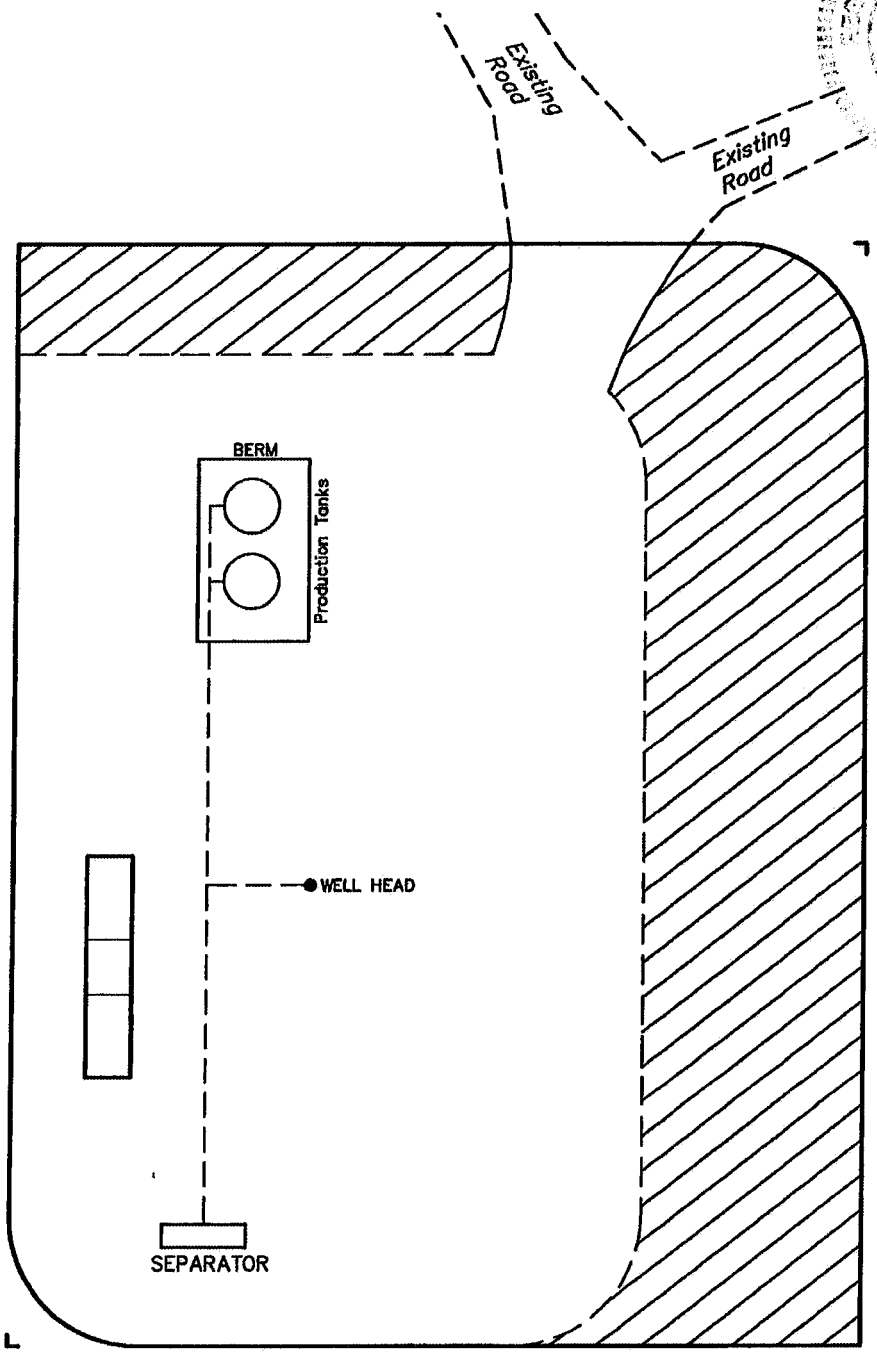
*85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017*

QEP ENERGY COMPANY

PRODUCTION FACILITY LAYOUT FOR

RW #32-17C (RE-ENTRY)
SECTION 17, T7S, R24E, S.L.B.&M.
2054' FNL 1986' FEL

FIGURE #4
SCALE: 1" = 50'
DATE: 08-17-11
DRAWN BY: K.S.



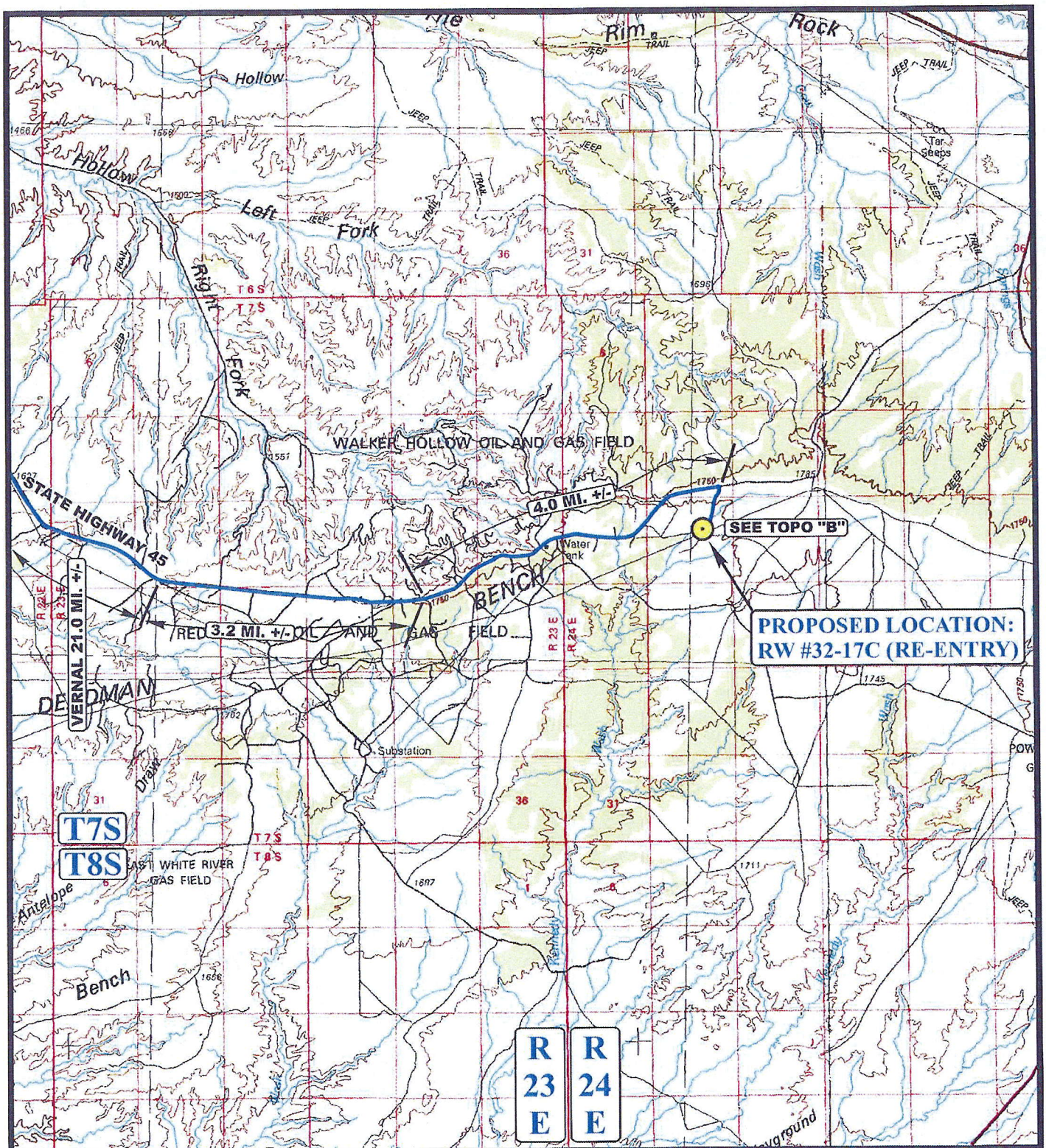
RECLAIMED AREA

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

QEP ENERGY COMPANY
RW #32-17C (RE-ENTRY)
SECTION 17, T7S, R24E, S.L.B.&M.

PROCEED IN AN EASTERLY, THEN SOUTHERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 3.9 MILES TO THE JUNCTION OF STATE HIGHWAY 45; EXIT RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 3.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 4.0 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE PROPOSED LOCATION

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 28.8 MILES.



LEGEND:

PROPOSED LOCATION

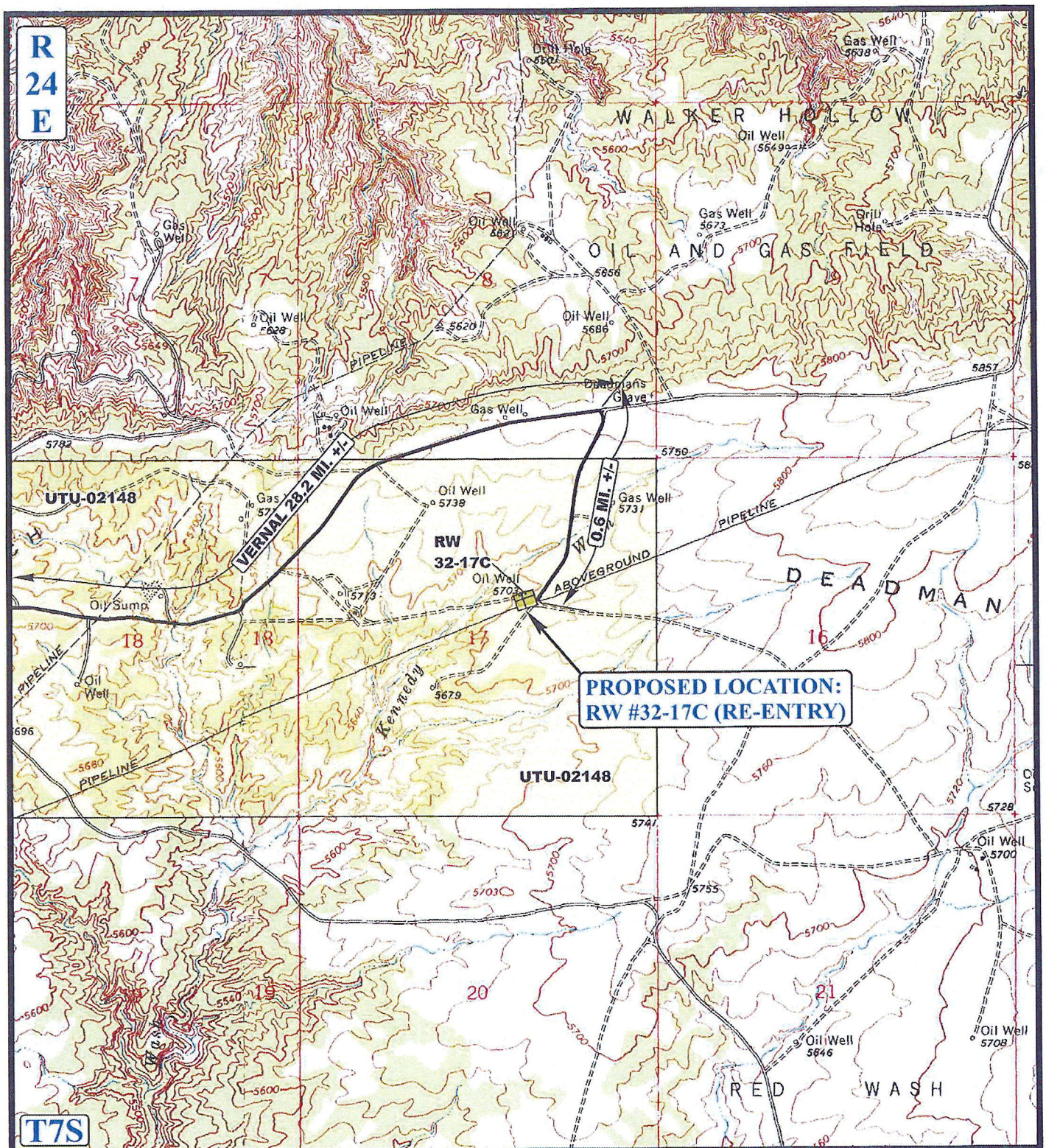
N

QEP ENERGY COMPANY

RW #32-17C (RE-ENTRY)
SECTION 17, T7S, R24E, S.L.B.&M.
2054' FNL 1986' FEL

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

TOPOGRAPHIC MAP	03 MONTH	17 DAY	11 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: J.L.G.	REVISED: 00-00-00		



LEGEND:

EXISTING ROAD

PROPOSED ACCESS ROAD

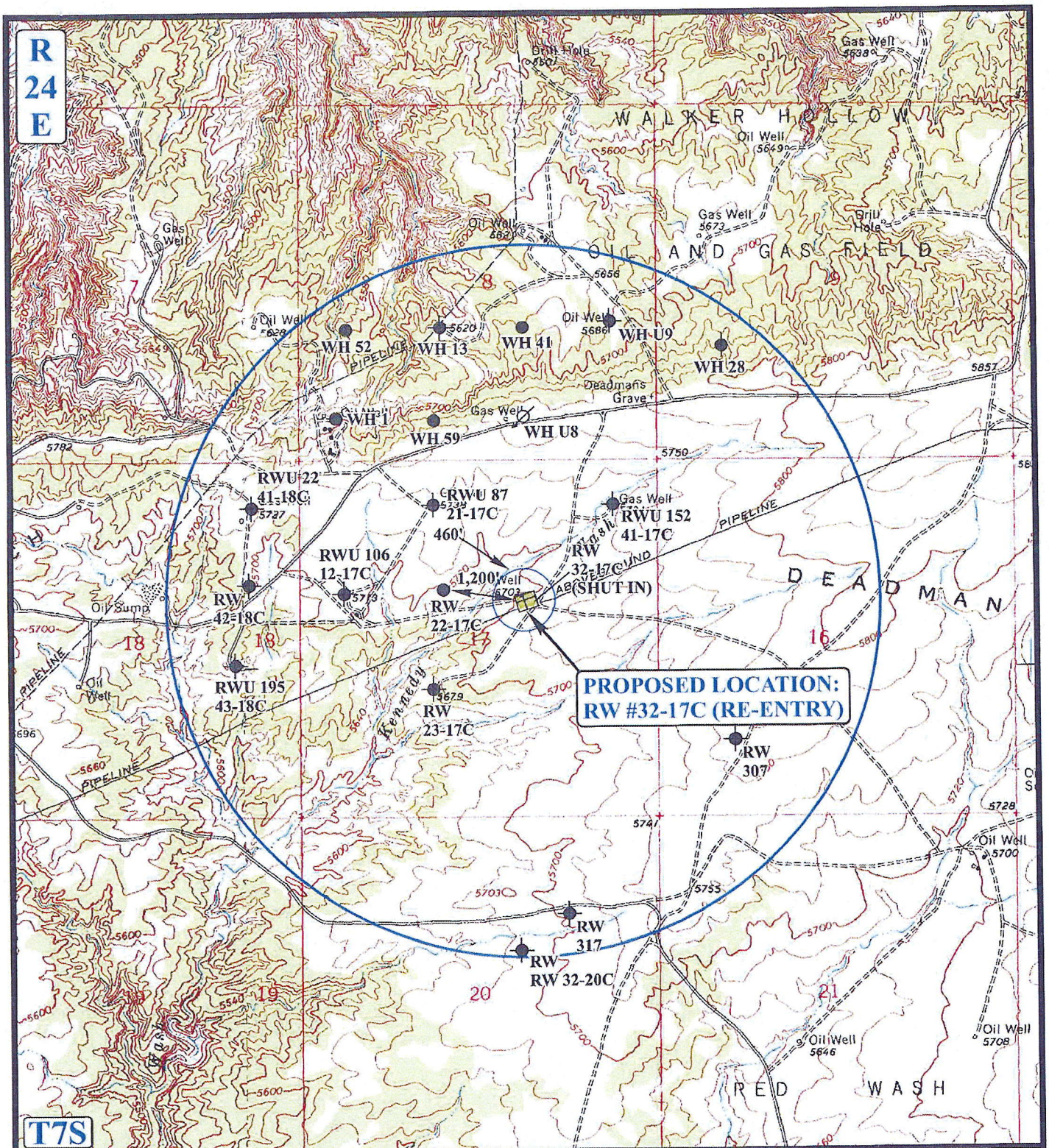
N

QEP ENERGY COMPANY

RW #32-17C (RE-ENTRY)
SECTION 17, T7S, R24E, S.L.B.&M.
2054' FNL 1986' FEL

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

TOPOGRAPHIC MAP	03 MONTH	17 DAY	11 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: J.L.G.	REVISED: 00-00-00		



LEGEND:

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

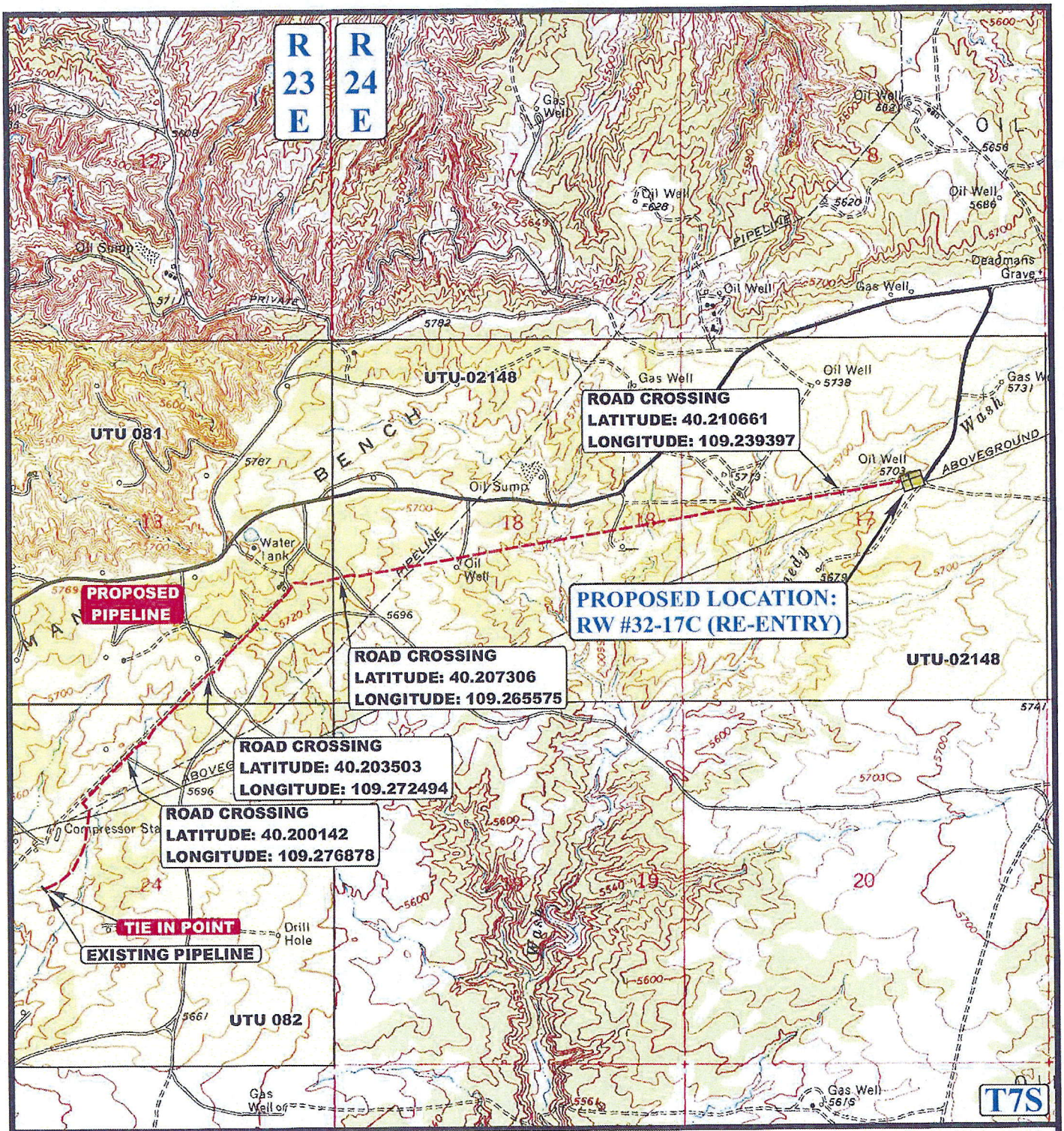
N

QEP ENERGY COMPANY

RW #32-17C (RE-ENTRY)
SECTION 17, T7S, R24E, S.L.B.&M.
2054' FNL 1986' FEL

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

TOPOGRAPHIC MAP	03 MONTH	17 DAY	11 YEAR	C TOPO
SCALE: 1" = 2000'	DRAWN BY: J.L.G.	REVISED: 00-00-00		



APPROXIMATE TOTAL PIPELINE DISTANCE = 14,941' +/-

LEGEND:

- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED ACCESS

N

QEP ENERGY COMPANY

RW #32-17C (RE-ENTRY)
SECTION 17, T7S, R24E, S.L.B.&M.
2054' FNL 1986' FEL

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

TOPOGRAPHIC MAP	03 MONTH	17 DAY	11 YEAR	D TOPO
SCALE: 1" = 2000'	DRAWN BY: J.L.G.	REVISED: 00-00-00		

WEED DATA SHEET

PROJECT NAME: RW 32-17C **DATE:** 5-4-11
SURVEYOR: Stephanie Tomkinson

	Location GPS Coordinates	Site Description	Weed Species	Cover Class or Number	Pattern	Infestation Size (acres)
1						
2						
3						
4						
5						
6						
7						

SITE DRAWING (Optional): Include a sketch of the infestation within the project area. Count the number of individuals if possible.

No noxious weeds on location.

*Cover Class- estimated percent cover, by species, of the infestation
- 0 = No weeds found
- 1 = Less than 1% (trace)
- 2 = One to five % (low – occasional plants)
- 3 = Six to twenty-five % (moderate – scattered plants)
- 4 = Twenty-five to 100 % (high – fairly dense)

*Pattern – pattern of the infestation
- 0 = No weeds found
- 1 = Single plant or small area of many plants
- 2 = Linear
- 3 = Patchy
- 4 = Block

*Infestation Size – number of estimated acres of the infestation
- 0 = No weeds found
- 1 = Less than one acre
- 2 = One to five acres
- 3 = five or more acres

Cheatgrass canopy cover: 4
Russian thistle canopy cover: 3
Halogeton canopy cover: 3
Kochia canopy cover: 1

Same veg. & people as RW 32-28A.

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 06/02/2011

API NO. ASSIGNED: 43-047-15145

WELL NAME: RW 32-17C
OPERATOR: QEP ENERGY COMPANY (N3700)
CONTACT: VALYN DAVIS

PHONE NUMBER: 435-781-4369

PROPOSED LOCATION:
SWNE 17 070S 240E
SURFACE: 2054 FNL 1986 FEL
BOTTOM: 2054 FNL 1986 FEL
COUNTY: UINTAH
LATITUDE: 40.21112 LONGITUDE: -109.23509
UTM SURF EASTINGS: 650195 NORTHINGS: 4452473
FIELD NAME: RED WASH (665)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal
LEASE NUMBER: U-02148
SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: MVRD
COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

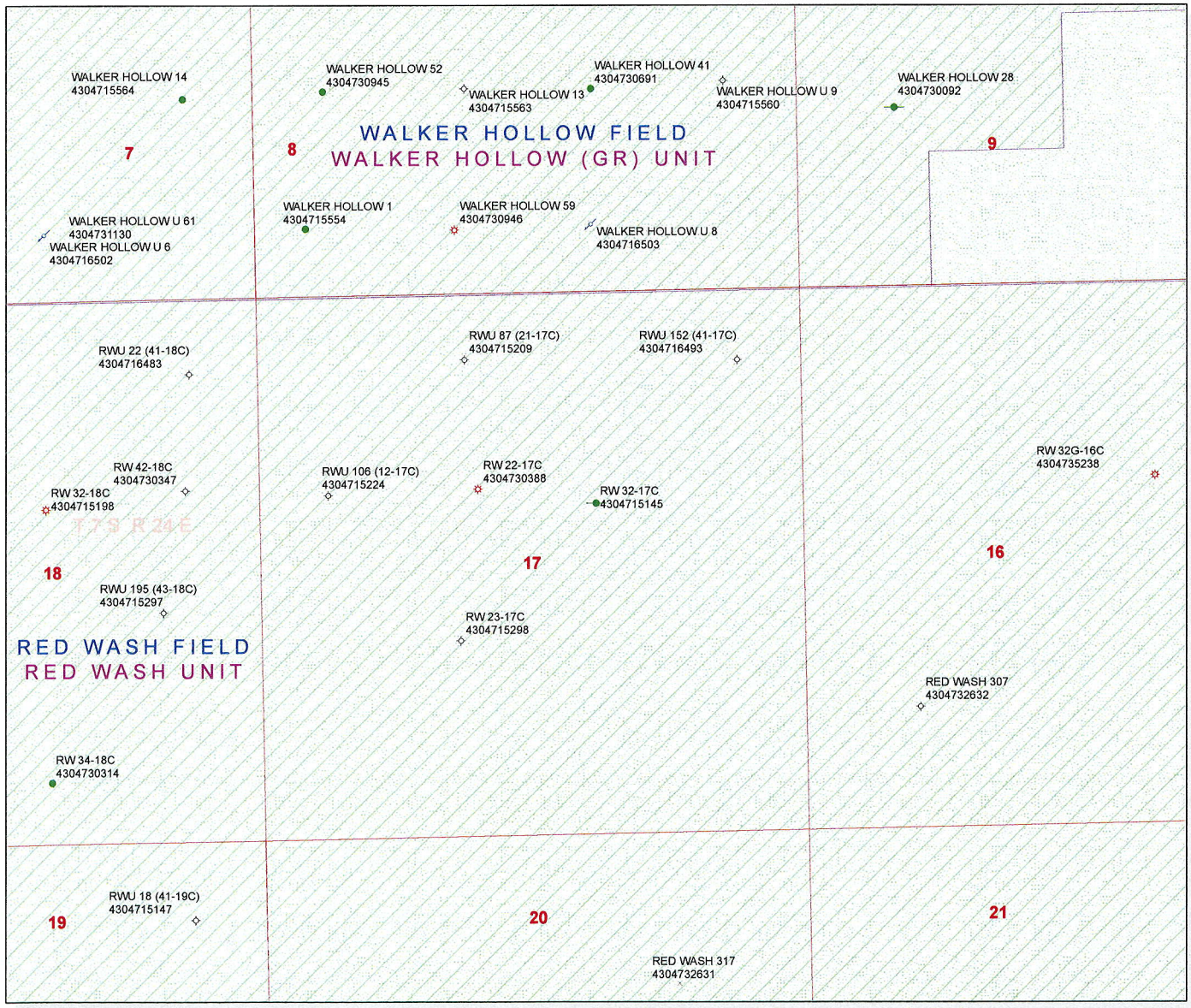
✓ Plat
✓ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. ESB000024)
N Potash (Y/N)
N Oil Shale 190-5 (B) or 190-3 or 190-13
✓ Water Permit
(No. 49-2153)
N RDCC Review (Y/N)
(Date:)
NA Fee Surf Agreement (Y/N)
NA Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.
Unit: RED WASH
___ R649-3-2. General
Siting: 460 From Qtr/Qtr & 920' Between Wells
___ R649-3-3. Exception
✓ Drilling Unit
Board Cause No: 187-07
Eff Date: 9-18-2001
Siting: Suspends General Siting
___ R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS: 1- Federal Approval



API Number: 4304715145

Well Name: RW 32-17C

Township T0.7 . Range R2.4 . Section 17

Meridian: SLBM

Operator: QEP ENERGY COMPANY

Map Prepared:
Map Produced by Diana Mason

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

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

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

1,250 625 0 1,250 Feet

1:12,000

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)

June 22, 2011

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2011 Plan of Development Red Wash Unit, Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for re-entry, deepening and completion in the Mesaverde Formation. The work is planned for calendar year 2011 within the Red Wash Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ Mesaverde)		
43-047-15305	RW 23-25A	Sec 25 T07S R22E 1853 FSL 1992 FWL
43-047-15230	RW 32-28A	Sec 28 T07S R22E 1980 FNL 1987 FEL
43-047-30311	RW 12-26B	Sec 26 T07S R23E 2103 FNL 0603 FWL
43-047-30309	RW 14-18C	Sec 18 T07S R24E 0892 FSL 0823 FWL
43-047-15145	RW 32-17C	Sec 17 T07S R24E 2054 FNL 1986 FEL
43-047-30259	RW 43-26B	Sec 26 T07S R23E 1979 FSL 0661 FEL
43-047-15176	RW 14-23A	Sec 23 T07S R22E 0664 FSL 0758 FWL

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

Michael L. Coulthard

Digitally signed by Michael L. Coulthard
DN: cn=Michael L. Coulthard, o=Bureau of Land Management, ou=Branch of Minerals, email=Michael_Coulthard@blm.gov, c=US
Date: 2011.06.22 08:43:46 -06'00'

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

MCoulthard:mc:6-22-11

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

June 22, 2011

QEP Energy Company
11002 East 17500 South
Vernal, UT 84078

Subject: RW 32-17C Well, 2054' FNL, 1986' FEL, SW NE, Sec. 17, T. 7 South, R. 24 East, Uintah County, Utah

Ladies and Gentlemen:

Pursuant to Utah Code Ann.§40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause: 187-07. The expected producing formation or pool is the Mesaverde Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-15145.

Sincerely,

for John Rogers
Associate Director

JR/js
Enclosures

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

Operator: QEP Energy Company
Well Name & Number RW 32-17C
API Number: 43-047-15145
Lease: UTU-02148

Location: SW NE **Sec.** 17 **T.** 7 South **R.** 24 East

Conditions of Approval

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

2. Notification Requirements
   The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:
   - Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please let a voicemail message if not available)
     OR
     Submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at http://oilgas.ogm.utah.gov

   Notify the Division prior to commencing operations to plug and abandon the well.
   - Contact Dustin Doucet at (801) 538-5281 office
     (801) 733-0983 after office hours

3. Reporting Requirements
   All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited:
   - Entity Action Form (Form 6) – due within 5 days of spudding the well
   - Monthly Status Report (Form 9) – due by 5th day of the following calendar month
   - Requests to Change Plans (Form 9) – due prior to implementation
   - Written Notice of Emergency Changes (Form 9) – due within 5 days
   - Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
   - Report of Water Encountered (Form 7) – due within 30 days after completion
   - Well Completion Report (Form 8) – due within 30 days after completion or plugging

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

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: U-02148

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: RED WASH

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: RW 32-17C

2. NAME OF OPERATOR: QEP ENERGY COMPANY

9. API NUMBER: 43047151450000

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

PHONE NUMBER: 303 308-3068 Ext

9. FIELD and POOL or WILDCAT: RED WASH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2054 FNL 1986 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 17 Township: 07.0S Range: 24.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 2/15/2012	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: CONFIDENTIAL

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

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

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
February 21, 2012

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Valyn Davis	435 781-4369	Regulatory Affairs Analyst
SIGNATURE N/A		**DATE** 2/15/2012

RECEIVED: Feb. 15, 2012

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: U-02148

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: RED WASH

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: RW 32-17C

2. NAME OF OPERATOR: QEP ENERGY COMPANY

9. API NUMBER: 43047151450000

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

PHONE NUMBER: 303 308-3068 Ext

9. FIELD and POOL or WILDCAT: RED WASH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2054 FNL 1986 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 17 Township: 07.0S Range: 24.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
✓ SPUD REPORT Date of Spud: 5/17/2012	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

DRILLING OF THIS WELL COMMENCED ON MAY 17, 2012.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
May 17, 2012

NAME (PLEASE PRINT) Valyn Davis

PHONE NUMBER 435 781-4369

TITLE Regulatory Affairs Analyst

SIGNATURE N/A

DATE 5/17/2012

RECEIVED: May. 17, 2012

FORM 6

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

ENTITY ACTION FORM

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

Operator Account Number: N 3700
Phone Number: (435) 781-4369

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304715145	RW 32-17C		SWNE	17	7S	24E	UINTAH
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
D	5670	18478	5/17/2012			1/1/2012	
Comments: GRRV TO WMMFD 5/21/2012 CONFIDENTIAL							

Well 2

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

Well 3

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

ACTION CODES:

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

Valyn Davis
Name (Please Print)
Valyn Davis
Signature
Regulatory Affairs Analyst
Title
5/17/2012
Date

RECEIVED
MAY 17 2012
Div. of Oil, Gas & Mining

(5/2000)

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: U-02148

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: RED WASH

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: RW 32-17C

2. NAME OF OPERATOR: QEP ENERGY COMPANY

9. API NUMBER: 43047151450000

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

PHONE NUMBER: 303 308-3068 Ext

9. FIELD and POOL or WILDCAT: RED WASH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2054 FNL 1986 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 17 Township: 07.0S Range: 24.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION

- ✓ NOTICE OF INTENT — Approximate date work will start: 5/17/2012
- ☐ SUBSEQUENT REPORT — Date of Work Completion:
- ☐ SPUD REPORT — Date of Spud:
- ☐ DRILLING REPORT — Report Date:

TYPE OF ACTION

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

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

QEP ENERGY COMPANY WOULD LIKE TO OPTIMIZE THE BOTTOM HOLE SPACING OF THE MESA VERDE DEVELOPMENT, THEREFORE, QEP ENERGY COMPANY WOULD LIKE TO DRILL THIS WELL DIRECTIONALLY.

Approved by the Utah Division of Oil, Gas and Mining

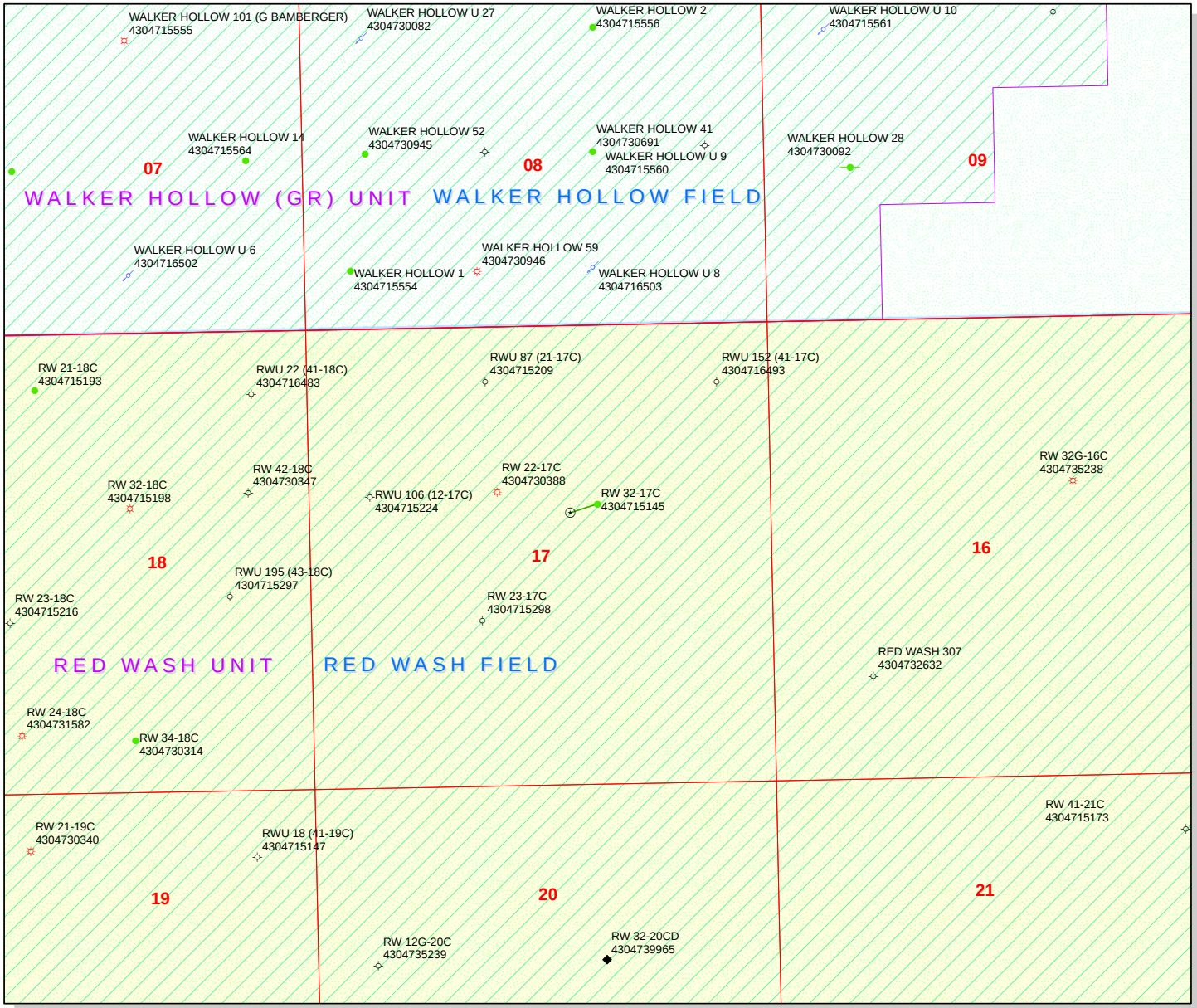
Date: June 04, 2012

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Jan Nelson	435 781-4331	Permit Agent

SIGNATURE	DATE
N/A	5/17/2012

RECEIVED: May. 17, 2012



API Number: 4304715145

Well Name: RW 32-17C

Township T0.7 . Range R2.4 . Section 17

Meridian: SLBM

Operator: QEP ENERGY COMPANY

Map Prepared:
Map Produced by Diana Mason

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

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

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

1,500 750 0 1,500 Feet

1:14,184

RECEIVED: May. 22, 2012

QEP Energy Company

11002 East 17500 South
Vernal, UT 84078
Telephone 435-781-4331
Fax 435-781-4395

May 16, 2012

Ms. Diana Mason
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, UT 84114-6100

RE: Directional Drilling R649-3-11
Red Wash Unit
RW 32-17C
2054' FNL 1986' FEL, SWNE, Section 17, T7S, R24E (Surface)
2158' FNL 2306' FEL, SWNE, Section 17, T7S, R24E (Bottom Hole)
Uintah County, Utah

Dear Ms. Mason:

Pursuant to the filing of QEP Energy Company Application for Permit to Drill regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649 -3-11 pertaining to the location and drilling of a directional well.

QEP Energy Company would like to optimize the bottom hole spacing of the Mesa Verde development; therefore, QEP Energy Company would like to drill this well directionally.

Furthermore, QEP Energy Company certifies that it is the sole working interest owner within 460 feet of the entire directional well bore.

Therefore, based on the above stated information QEP Energy Company requests the permit be granted pursuant to Rule R649-3-11.

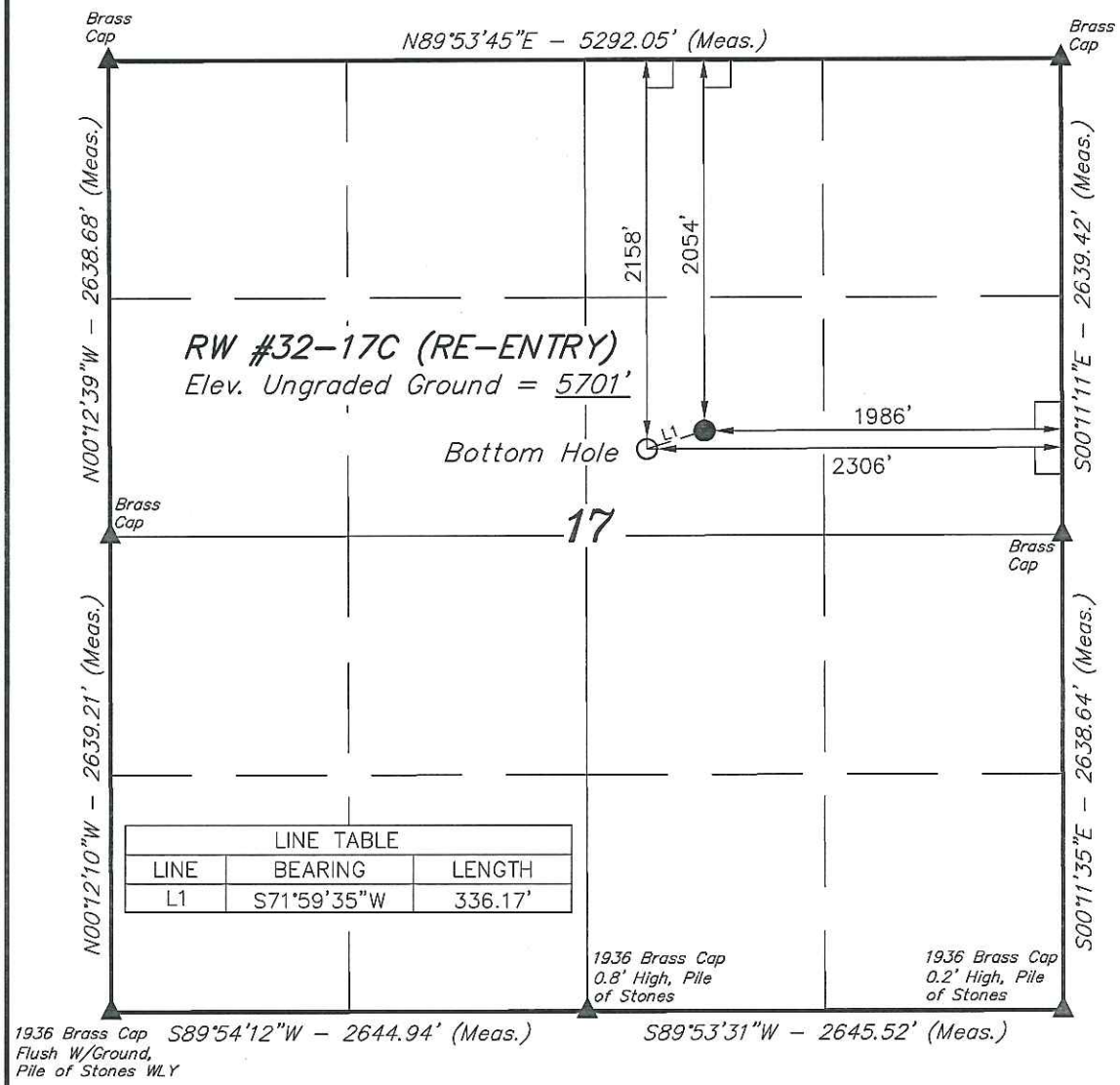
Sincerely,

QEP Energy Company

Jan Nelson

Jan Nelson
Permit Agent

T7S, R24E, S.L.B.&M.



LINE TABLE		
LINE	BEARING	LENGTH
L1	S71°59'35"W	336.17'

QEP ENERGY COMPANY

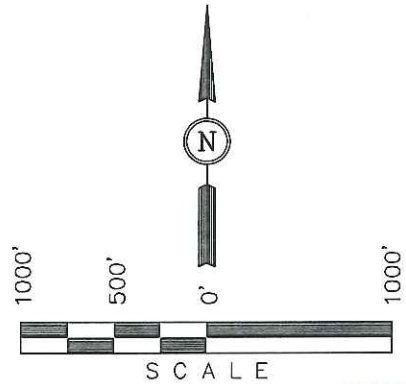
Well location, RW #32-17C (RE-ENTRY), located as shown in the SW 1/4 NE 1/4 of Section 17, T7S, R24E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

BASIS OF BEARINGS

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



CERTIFICATE

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

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

REGISTERED LAND SURVEYOR No. 161319 ROBERT L. KAY STATE OF UTAH 05-08-12

REV: 05-08-12 C.A.G.

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

SCALE 1" = 1000'	DATE SURVEYED: 03-14-11	DATE DRAWN: 03-17-11
PARTY A.F. J.C. K.O.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE QEP ENERGY COMPANY	

LEGEND:

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

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°12'38.93" (40.210814)	LATITUDE = 40°12'39.94" (40.211094)
LONGITUDE = 109°14'13.02" (109.236950)	LONGITUDE = 109°14'08.89" (109.235803)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°12'39.06" (40.210850)	LATITUDE = 40°12'40.07" (40.211131)
LONGITUDE = 109°14'10.58" (109.236272)	LONGITUDE = 109°14'06.45" (109.235125)

Sundry Number: 25850 API Well Number: 43047151450000

QEP Energy Company

QEP ENERGY (UT)

Red Wash
RW 32-17C
RW 32-17C

Re-Entry

Plan: Plan ver.0

Standard Planning Report

08 May, 2012

QEP Energy Company

QEP Resources, Inc.
Planning Report

Database:	EDMDB_QEP	**Local Co-ordinate Reference:**	Well RW 32-17C
Company:	QEP ENERGY (UT)	**TVD Reference:**	RKB @ 5712.90usft (AZTEC 781)
Project:	Red Wash	**MD Reference:**	RKB @ 5712.90usft (AZTEC 781)
Site:	RW 32-17C	**North Reference:**	True
Well:	RW 32-17C	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Re-Entry		
Design:	Plan ver.0		

Project Red Wash

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 RW 32-17C

Site Position:		**Northing:**	7,253,620.077 usft	**Latitude:**	40.211095
From:	Lat/Long	**Easting:**	2,272,685.397 usft	**Longitude:**	-109.235803
Position Uncertainty:	0.00 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	1.45 °

Well RW 32-17C

Well Position	**+N/-S**	0.00 usft	**Northing:**	7,253,620.073 usft	**Latitude:**	40.211095
	+E/-W	0.00 usft	**Easting:**	2,272,685.397 usft	**Longitude:**	-109.235803
Position Uncertainty		0.00 usft	**Wellhead Elevation:**	5,698.90 usft	**Ground Level:**	5,698.90 usft

Wellbore Re-Entry

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	5/8/2012	10.88	66.07	52,384

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	251.99

Plan Sections

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,000.00	0.00	0.00	6,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,700.56	14.01	266.82	6,693.60	-4.73	-85.10	2.00	2.00	0.00	266.82	
7,285.78	14.01	266.82	7,261.40	-12.59	-226.57	0.00	0.00	0.00	0.00	
8,036.90	6.50	266.82	8,000.00	-20.00	-360.00	1.00	-1.00	0.00	-180.00	
8,970.20	3.50	131.00	8,931.49	-41.67	-391.31	1.00	-0.32	-14.55	-164.79	
10,524.61	3.50	131.00	10,483.00	-103.92	-319.70	0.00	0.00	0.00	0.00	

QEP Resources, Inc.
Planning Report

Database:	EDMDB_QEP	**Local Co-ordinate Reference:**	Well RW 32-17C
Company:	QEP ENERGY (UT)	**TVD Reference:**	RKB @ 5712.90usft (AZTEC 781)
Project:	Red Wash	**MD Reference:**	RKB @ 5712.90usft (AZTEC 781)
Site:	RW 32-17C	**North Reference:**	True
Well:	RW 32-17C	**Survey Calculation Method:**	Minimum Curvature
Wellbore:	Re-Entry		
Design:	Plan ver.0		

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,000.00	0.00	0.00	6,000.00	0.00	0.00	0.00	0.00	0.00	0.00
6,700.56	14.01	266.82	6,693.60	-4.73	-85.10	82.39	2.00	2.00	0.00
7,285.78	14.01	266.82	7,261.40	-12.59	-226.57	219.36	0.00	0.00	0.00
8,036.90	6.50	266.82	8,000.00	-20.00	-360.00	348.55	1.00	-1.00	0.00
8,970.20	3.50	131.00	8,931.49	-41.67	-391.31	385.03	1.00	-0.32	-14.55
10,524.61	3.50	131.00	10,483.00	-103.92	-319.70	336.16	0.00	0.00	0.00

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
RW 32-17C (07C1-17C)	0.00	0.00	8,023.00	-69.87	-362.89	7,253,541.043	2,272,324.419	40.210903	-109.237102
- plan misses target center by 49.72usft at 8061.17usft MD (8024.11 TVD, -20.16 N, -362.69 E)									
- Circle (radius 100.00)									

Casing Points

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
5,523.00	5,523.00	7"	7	9

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
2,784.00	2,784.00	Green River		0.00	
3,431.00	3,431.00	Mahog. Bench		0.00	
5,783.00	5,783.00	Wasatch		0.00	
8,060.05	8,023.00	Mesaverde		0.00	
10,424.42	10,383.00	Sego		0.00	

QEP Energy Company

Company Name: QEP ENERGY (UT)

Azimuths to True North	Project: Red Wash
Magnetic North: 10.86°	Site: RW 32-17C
Magnetic Field Strength: 52384.3nT	Well: RW 32-17C
Dip Angle: 66.07°	Wellbore: Re-Entry
Date: 5/8/2012	Design: Plan ver.0
Model: IGRF2010	

WELL DETAILS: RW 32-17C

Ground Level: 5698.90

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	7253620.072	2272685.397	40.211094	-109.235803	

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well RW 32-17C, True North
Vertical (TVD) Reference: RKB @ 5712.90usft (AZTEC 781)
Section (VS) Reference: Slot - (0.00N, 0.00E)
Measured Depth Reference: RKB @ 5712.90usft (AZTEC 781)
Calculation Method: Minimum Curvature

PROJECT DETAILS: Red Wash

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

System Datum: Mean Sea Level

DESIGN TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
RW 32-17C (07C1-17C)	8023.00	-69.87	-362.89	7253541.043	2272324.419	Circle (Radius: 100.00)

SECTION DETAILS

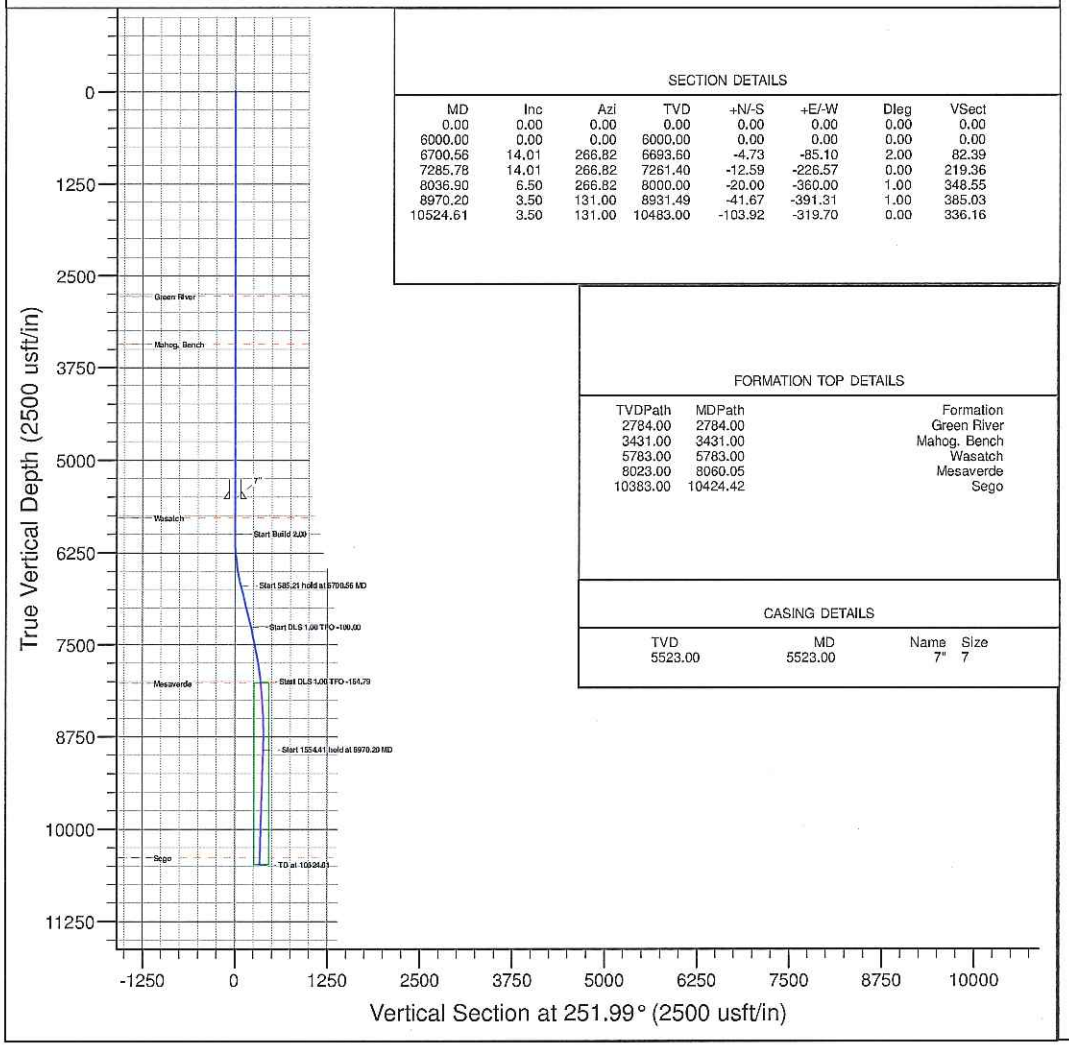
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	VSect
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6000.00	0.00	0.00	6000.00	0.00	0.00	0.00	0.00
6700.56	14.01	266.82	6693.60	-4.73	-85.10	2.00	82.39
7285.78	14.01	266.82	7261.40	-12.59	-226.57	0.00	219.36
8036.90	6.50	266.82	8000.00	-20.00	-360.00	1.00	348.55
8970.20	3.50	131.00	8931.49	-41.67	-391.31	1.00	385.03
10524.61	3.50	131.00	10483.00	-103.92	-319.70	0.00	336.16

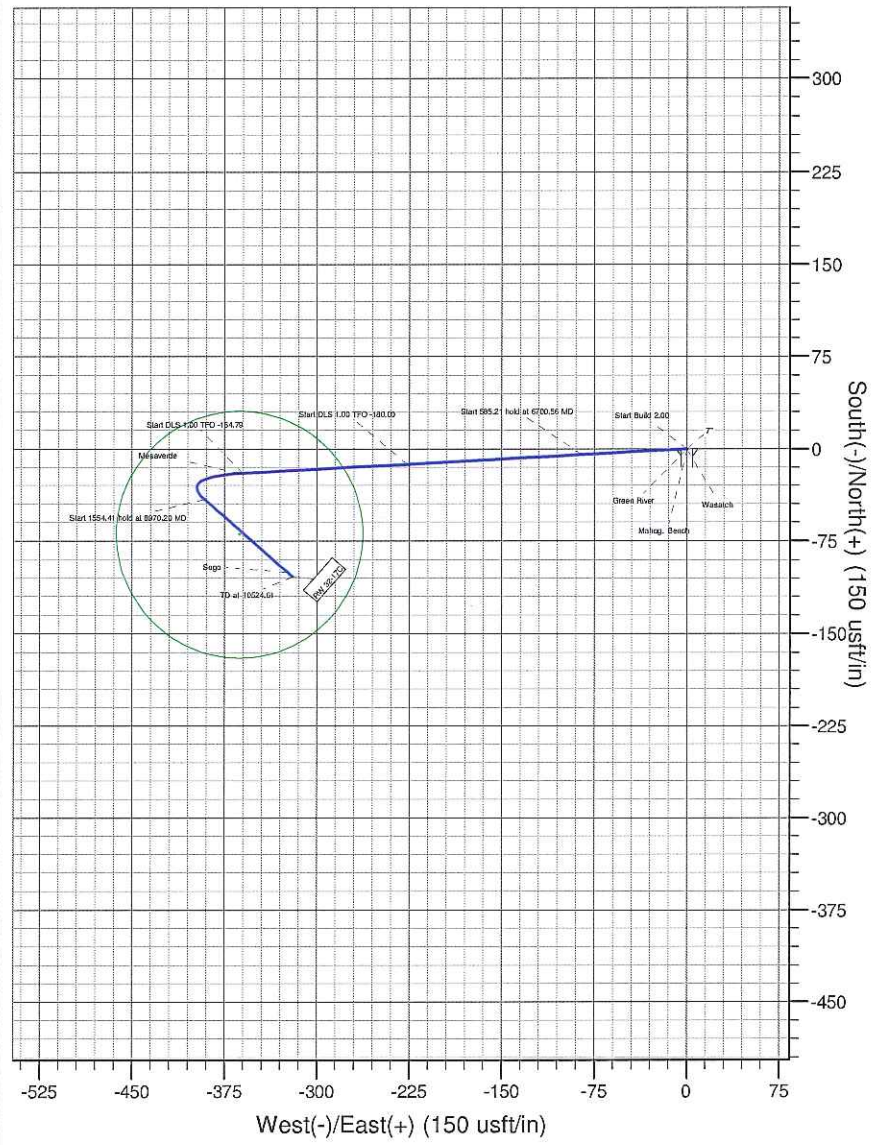
FORMATION TOP DETAILS

TVDPath	MDPath	Formation
2784.00	2784.00	Green River
3431.00	3431.00	Mahog. Bench
5783.00	5783.00	Wasatch
8023.00	8060.05	Mesaverde
10383.00	10424.42	Sego

CASING DETAILS

TVD	MD	Name	Size
5523.00	5523.00	7"	7





Sundry Number: 25850 API Well Number: 43047151450000

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: U-02148

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: RED WASH

1. TYPE OF WELL Oil Well

8. WELL NAME and NUMBER: RW 32-17C

2. NAME OF OPERATOR: QEP ENERGY COMPANY

9. API NUMBER: 43047151450000

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

PHONE NUMBER: 303 308-3068 Ext

9. FIELD and POOL or WILDCAT: RED WASH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2054 FNL 1986 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 17 Township: 07.0S Range: 24.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
☐ NOTICE OF INTENT Approximate date work will start:	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
✓ SUBSEQUENT REPORT Date of Work Completion: 6/15/2012	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	✓ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

THIS WELL COMMENCED PRODUCTION ON JUNE 15, 2012 @ 6:15 a.m.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
June 18, 2012

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

SIGNATURE	DATE
N/A	6/18/2012

RECEIVED: Jun. 18, 2012

CONFIDENTIAL

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

AMENDED REPORT ☐ (highlight changes)

FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: UTU02148

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME: Red Wash

8. WELL NAME and NUMBER: RW 32-17C

9. API NUMBER: 4304715145

10 FIELD AND POOL, OR WILDCAT: Red Wash

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: 1050 17th St. Suite 500 CITY Denver STATE CO ZIP 80265 PHONE NUMBER: (303) 672-6900

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 2055 FNL 1980 FEL
AT TOP PRODUCING INTERVAL REPORTED BELOW: 2079 FSL 2361 FEL
AT TOTAL DEPTH: 2123 FSL ~~2395~~ 2320 FEL 17 7S 4E BHL by HSM

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNE 17 7S 24E

12. COUNTY: Uintah

13. STATE: UTAH

14. DATE SPUDDED: 5/17/2012

15. DATE T.D. REACHED: 5/20/2012

16. DATE COMPLETED: 6/13/2012 ABANDONED ☐ READY TO PRODUCE ☑

17. ELEVATIONS (DF, RKB, RT, GL): 5713 RKB

18. TOTAL DEPTH: MD 10,681 TVD 10,631

19. PLUG BACK T.D.: MD 10,673 TVD 10,624

20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE PLUG SET: MD TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
Quad Combo ✓CBL/GR

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
13.75	10.75 J-55	40.5	0	265		180		0	
9	7 J-55	23	0	5,523		250		3700	
6.125	4.5 HCP	11.6	0	10,675		700	302	1200	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.375	10,248							

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Mesa Verde	9,530	10,326		
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
9,530 10,326	.35	126	Open ☑ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
9530 to 10326	53 BBL 15% KCl, 4,909 BBL Slick Water, 95,000 LB 30/50 Sand

29. ENCLOSED ATTACHMENTS:

☐ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☑ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☑ OTHER: Ops Sumary

30. WELL STATUS: PGW

(5/2000)

(CONTINUED ON BACK)

JUL 20 2012

31. INITIAL PRODUCTION

INTERVAL A (As shown in item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
6/15/2012		6/19/2012		24			4	479	99	Flows from w
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:
	895	1,126					4	479	99	PGW

INTERVAL B (As shown in item #26)

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

INTERVAL C (As shown in item #26)

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

INTERVAL D (As shown in item #26)

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

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

Sold

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.

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.

34. FORMATION (Log) MARKERS:

Name	Top (Measured Depth)
Green River	2,773
Mohogany	3,427
Wasatch	5,772
Mesa Verde	8,019
Sego	10,528

35. ADDITIONAL REMARKS (Include plugging procedure)

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

NAME (PLEASE PRINT) Andrew Schmid TITLE Engineering Technician

SIGNATURE DATE 7/13/2012

This report must be submitted within 30 days of

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

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

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

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

Phone: 801-538-5340

Fax: 801-359-3940

CONFIDENTIAL

Client:	QEP	**Longitude:**	40.2111
Location:	Vernal UT	**Latitude:**	-109.2358
Field:	Red Wash	**Mag. Decl.:**	
Well #:	RW 32-17C	**Grid Correction:**	0.00
Rig:	Aztec 781	**RKB:**	5726
Directional:	Native Navigation	**Ground Level**	5712
Survey Engineer:	Sean/Webber	**Target Inc.:**	
Equipment:	Louie II	**Target Azim.:**	266
Job #	WL0090	**Azimuth from:**	True North

NATIVE NAVIGATION
WELLBORE SURVEYING
PO BOX 4907
Grand Junction, CO 81502 USA
1-888-527-9797
www.nativenavigation.com

Definitive Survey Report

No.	Date	M.D. from RKB:	INC.	AZM.	C.L.	T.V.D.	V.S.	N/S	E/W	D.L.S.	B/D.	Walk
1	Tie In	0.00	0.00	0.00	0	0.00	0.00	0.00 N	0.00 E	0.00	0.00	0.00
2	5/16/2012	25.00	0.44	116.60	25	25.00	-0.08	0.04 S	0.09 E	1.76	1.76	466.40
3	5/16/2012	100.00	0.42	116.42	75	100.00	-0.57	0.29 S	0.59 E	0.03	-0.03	-0.24
4	5/16/2012	200.00	0.08	161.90	100	200.00	-0.90	0.52 S	0.94 E	0.37	-0.34	45.48
5	5/16/2012	300.00	0.18	23.82	100	300.00	-0.99	0.45 S	1.02 E	0.25	0.10	-138.08
6	5/16/2012	400.00	0.27	193.49	100	400.00	-0.99	0.53 S	1.03 E	0.45	0.09	169.67
7	5/16/2012	500.00	0.28	182.40	100	500.00	-0.90	1.01 S	0.97 E	0.05	0.01	-11.09
8	5/16/2012	600.00	0.57	108.19	100	599.99	-1.33	1.40 S	1.43 E	0.56	0.29	-74.21
9	5/16/2012	700.00	0.28	60.61	100	699.99	-2.01	1.44 S	2.12 E	0.43	-0.29	-47.58
10	5/16/2012	800.00	0.53	104.14	100	799.99	-2.67	1.43 S	2.78 E	0.38	0.25	43.53
11	5/16/2012	900.00	0.28	75.01	100	899.99	-3.35	1.48 S	3.46 E	0.32	-0.25	-29.13
12	5/16/2012	1000.00	0.54	61.78	100	999.98	-4.02	1.20 S	4.11 E	0.28	0.26	-13.23
13	5/16/2012	1100.00	0.92	70.82	100	1099.97	-5.22	0.71 S	5.29 E	0.40	0.38	9.04
14	5/16/2012	1200.00	0.83	47.58	100	1199.96	-6.57	0.04 N	6.58 E	0.36	-0.09	-23.24
15	5/16/2012	1300.00	1.18	39.09	100	1299.95	-7.84	1.33 N	7.76 E	0.38	0.35	-8.49
16	5/16/2012	1400.00	1.37	47.74	100	1399.92	-9.48	2.93 N	9.30 E	0.27	0.19	8.65
17	5/16/2012	1500.00	1.22	63.46	100	1499.90	-11.40	4.21 N	11.13 E	0.38	-0.15	15.72
18	5/16/2012	1600.00	1.90	65.20	100	1599.86	-13.93	5.38 N	13.59 E	0.68	0.68	1.74
19	5/16/2012	1700.00	1.75	80.59	100	1699.81	-17.00	6.33 N	16.60 E	0.51	-0.15	15.39
20	5/16/2012	1800.00	2.15	96.31	100	1799.75	-20.37	6.37 N	19.97 E	0.66	0.40	15.72
21	5/16/2012	1900.00	1.89	81.65	100	1899.69	-23.86	6.41 N	23.47 E	0.58	-0.26	-14.66
22	5/16/2012	2000.00	1.72	96.14	100	1999.64	-26.98	6.48 N	26.59 E	0.49	-0.17	14.49
23	5/16/2012	2100.00	1.68	102.90	100	2099.60	-29.86	6.00 N	29.51 E	0.20	-0.04	6.76
24	5/16/2012	2200.00	1.17	109.41	100	2199.57	-32.20	5.33 N	31.91 E	0.53	-0.51	6.51
25	5/16/2012	2300.00	1.18	122.30	100	2299.55	-33.97	4.44 N	33.74 E	0.26	0.01	12.89
26	5/16/2012	2400.00	1.02	112.79	100	2399.53	-35.59	3.55 N	35.43 E	0.24	-0.16	-9.51
27	5/16/2012	2500.00	0.88	115.94	100	2499.51	-37.05	2.87 N	36.94 E	0.15	-0.14	3.15
28	5/16/2012	2600.00	0.94	114.10	100	2599.50	-38.44	2.19 N	38.38 E	0.07	0.06	-1.84
29	5/16/2012	2700.00	1.12	112.44	100	2699.48	-40.04	1.49 N	40.03 E	0.18	0.18	-1.66
30	5/16/2012	2800.00	1.44	88.65	100	2799.46	-42.17	1.14 N	42.19 E	0.61	0.32	-23.79
31	5/16/2012	2900.00	1.00	84.26	100	2899.44	-44.30	1.26 N	44.32 E	0.45	-0.44	-4.39
32	5/16/2012	3000.00	1.61	110.71	100	2999.41	-46.45	0.85 N	46.50 E	0.84	0.61	26.45
33	5/16/2012	3100.00	2.11	100.46	100	3099.36	-49.50	0.02 N	49.62 E	0.60	0.50	-10.25
34	5/16/2012	3200.00	1.74	101.22	100	3199.30	-52.75	0.61 S	52.92 E	0.37	-0.37	0.76
35	5/16/2012	3300.00	1.99	115.70	100	3299.25	-55.72	1.66 S	55.98 E	0.53	0.25	14.48
36	5/16/2012	3400.00	1.71	135.06	100	3399.20	-58.21	3.47 S	58.60 E	0.68	-0.28	19.36
37	5/16/2012	3500.00	1.56	121.60	100	3499.16	-60.29	5.24 S	60.81 E	0.41	-0.15	-13.46
38	5/16/2012	3600.00	1.72	118.38	100	3599.12	-62.67	6.66 S	63.29 E	0.18	0.16	-3.22
39	5/16/2012	3700.00	1.60	125.44	100	3699.08	-65.01	8.19 S	65.75 E	0.24	-0.12	7.06
40	5/16/2012	3800.00	1.14	125.64	100	3799.05	-66.86	9.58 S	67.69 E	0.46	-0.46	0.20
41	5/16/2012	3900.00	1.02	126.66	100	3899.03	-68.30	10.69 S	69.21 E	0.12	-0.12	1.02
42	5/16/2012	4000.00	0.79	128.49	100	3999.02	-69.48	11.65 S	70.47 E	0.23	-0.23	1.83
43	5/16/2012	4100.00	0.34	132.66	100	4099.01	-70.20	12.28 S	71.23 E	0.45	-0.45	4.17
44	5/16/2012	4200.00	0.30	149.29	100	4199.01	-70.52	12.70 S	71.58 E	0.10	-0.04	16.63
45	5/16/2012	4300.00	0.33	146.21	100	4299.01	-70.78	13.17 S	71.87 E	0.03	0.03	-3.08
46	5/16/2012	4400.00	0.58	124.74	100	4399.01	-71.32	13.70 S	72.45 E	0.30	0.25	-21.47
47	5/16/2012	4500.00	0.47	129.45	100	4499.00	-72.01	14.24 S	73.18 E	0.12	-0.11	4.71
48	5/16/2012	4600.00	0.59	123.59	100	4599.00	-72.71	14.79 S	73.93 E	0.13	0.12	-5.86
49	5/16/2012	4700.00	1.25	120.97	100	4698.98	-74.02	15.64 S	75.29 E	0.66	0.66	-2.62
50	5/16/2012	4800.00	0.94	116.08	100	4798.96	-75.62	16.56 S	76.96 E	0.32	-0.31	-4.89
51	5/16/2012	4900.00	1.17	120.14	100	4898.95	-77.17	17.43 S	78.58 E	0.24	0.23	4.06
52	5/16/2012	5000.00	0.79	122.40	100	4998.93	-78.57	18.31 S	80.05 E	0.38	-0.38	2.26
53	5/16/2012	5100.00	1.00	136.90	100	5098.92	-79.68	19.32 S	81.22 E	0.31	0.21	14.50
54	5/16/2012	5200.00	1.23	136.88	100	5198.90	-80.91	20.74 S	82.55 E	0.23	0.23	-0.02
55	5/16/2012	5300.00	1.17	133.82	100	5298.88	-82.27	22.23 S	84.02 E	0.09	-0.06	-3.06
56	5/16/2012	5400.00	1.59	128.88	100	5398.85	-83.97	23.81 S	85.84 E	0.44	0.42	-4.94

Client:	QEP	**Longitude:**	40.2111
Location:	Vernal UT	**Latitude:**	-109.2358
Field:	Red Wash	**Mag. Decl.:**	
Well #:	RW 32-17C	**Grid Correction:**	0.00
Rig:	Aztec 781	**RKB:**	5726
Directional:	Native Navigation	**Ground Level**	5712
Survey Engineer:	Sean/Webber	**Target Inc.:**	
Equipment:	Louie II	**Target Azim.:**	266
Job #	WL0090	**Azimuth from:**	True North

NATIVE NAVIGATION
WELLBORE SURVEYING

PO BOX 4907
Grand Junction, CO 81502 USA
1-888-527-9797
www.nativenavigation.com

Definitive Survey Report

No.	Date	M.D. from RKB:	INC.	AZM.	C.L.	T.V.D.	V.S.	N/S	E/W	D.L.S.	B.J.D.	Walk
57	5/16/2012	5436.00	1.24	128.58	36	5434.84	-84.62	24.37 S	86.53 E	0.97	-0.97	-0.83

Co:	Native Navigation	**Units:**	Feet, °, °/100ft	**VS Az:**	250.63
Drillers:	Scriver / Seacat	**Elevation:**	5712.90	**Map System:**	UTM NAD83
Well Name:	RW 32-17C	**Northing:**	7253620.07	**Latitude:**	40.211095
Location:	Unitah County, Vernal UT	**Easting:**	2272685.40	**Longitude:**	-109.235803

Method: Minimum Curvature

QEP Energy: RW 32-17C SVYS

No.	MD	CL	Inc.	Azi.	TVD	VS	+N/S-	+E/W-	BR	WR	DLS	Comments
1	5436.00	0.00	1.24	128.58	5434.84	-73.55	-24.37	86.53				Gyro Tie In
2	5558.00	122.00	1.36	137.62	5556.81	-74.82	-26.26	88.54	0.10	7.41	0.19	Native Navigation
3	5620.00	62.00	1.19	128.74	5618.79	-75.44	-27.21	89.54	-0.27	-14.32	0.42	Native Navigation
4	5684.00	64.00	1.49	128.48	5682.78	-76.24	-28.14	90.71	0.47	-0.41	0.47	Native Navigation
5	5749.00	65.00	1.32	118.46	5747.76	-77.19	-29.03	92.03	-0.26	-15.42	0.46	Native Navigation
6	5812.00	63.00	0.53	222.26	5810.75	-77.42	-29.59	92.47	-1.25	164.76	2.44	Native Navigation
7	5876.00	64.00	3.12	274.20	5874.71	-75.56	-29.68	90.53	4.05	81.16	4.41	Native Navigation
8	5940.00	64.00	3.07	277.45	5938.62	-72.44	-29.33	87.09	-0.08	5.08	0.29	Native Navigation
9	6004.00	64.00	5.00	267.69	6002.46	-68.24	-29.22	82.61	3.02	-15.25	3.19	Native Navigation
10	6068.00	64.00	6.76	270.86	6066.12	-62.04	-29.27	76.05	2.75	4.95	2.80	Native Navigation
11	6132.00	64.00	8.52	267.87	6129.55	-53.98	-29.39	67.55	2.75	-4.67	2.82	Native Navigation
12	6194.00	62.00	8.78	271.30	6190.85	-45.16	-29.46	58.23	0.42	5.53	0.93	Native Navigation
13	6259.00	65.00	10.28	274.55	6254.95	-35.22	-28.89	47.49	2.31	5.00	2.45	Native Navigation
14	6322.00	63.00	12.17	273.40	6316.74	-23.96	-28.05	35.25	3.00	-1.83	3.02	Native Navigation
15	6386.00	64.00	12.83	272.35	6379.22	-11.13	-27.35	21.42	1.03	-1.64	1.09	Native Navigation
16	6449.00	63.00	14.41	270.77	6440.45	2.72	-26.96	6.59	2.51	-2.51	2.58	Native Navigation
17	6514.00	65.00	14.54	271.38	6503.39	17.95	-26.66	-9.65	0.20	0.94	0.31	Native Navigation
18	6577.00	63.00	13.84	271.48	6564.46	32.38	-26.27	-25.09	-1.11	0.16	1.11	Native Navigation
19	6641.00	64.00	15.12	270.42	6626.43	47.39	-26.01	-41.09	2.00	-1.66	2.04	Native Navigation
20	6704.00	63.00	14.81	271.12	6687.29	62.67	-25.79	-57.36	-0.49	1.11	0.57	Native Navigation
21	6768.00	64.00	14.24	269.52	6749.25	77.78	-25.70	-73.41	-0.89	-2.50	1.09	Native Navigation
22	6831.00	63.00	13.62	267.52	6810.39	92.21	-26.09	-88.57	-0.98	-3.17	1.25	Native Navigation
23	6894.00	63.00	12.83	269.28	6871.72	105.93	-26.50	-102.97	-1.25	2.79	1.41	Native Navigation
24	6957.00	63.00	13.36	275.26	6933.09	119.18	-25.92	-117.22	0.84	9.49	2.31	Native Navigation
25	7022.00	65.00	13.27	277.36	6996.34	132.67	-24.27	-132.09	-0.14	3.23	0.76	Native Navigation
26	7086.00	64.00	14.77	276.57	7058.43	146.56	-22.40	-147.48	2.34	-1.23	2.36	Native Navigation
27	7148.00	62.00	13.97	276.13	7118.49	160.42	-20.69	-162.78	-1.29	-0.71	1.30	Native Navigation
28	7211.00	63.00	12.66	274.64	7179.80	173.60	-19.32	-177.22	-2.08	-2.37	2.15	Native Navigation
29	7274.00	63.00	13.49	275.08	7241.16	186.59	-18.11	-191.42	1.32	0.70	1.33	Native Navigation
30	7338.00	64.00	12.91	272.44	7303.47	200.02	-17.15	-206.00	-0.91	-4.13	1.31	Native Navigation
31	7402.00	64.00	10.81	270.95	7366.10	212.29	-16.74	-219.14	-3.28	-2.33	3.32	Native Navigation
32	7466.00	64.00	10.10	270.50	7429.04	223.20	-16.60	-230.76	-1.11	-0.70	1.12	Native Navigation
33	7530.00	64.00	8.74	269.36	7492.18	233.08	-16.60	-241.23	-2.13	-1.78	2.14	Native Navigation
34	7593.00	63.00	8.52	267.08	7554.46	242.09	-16.89	-250.68	-0.35	-3.62	0.65	Native Navigation
35	7657.00	64.00	7.69	264.27	7617.82	250.80	-17.56	-259.67	-1.30	-4.39	1.44	Native Navigation

36	7722.00	65.00	8.44	263.74	7682.18	259.67	-18.52	-268.74	1.15	-0.82	1.16	Native Navigation
37	**7786.00**	**64.00**	**9.14**	**265.59**	**7745.43**	**269.16**	**-19.42**	**-278.48**	**1.09**	**2.89**	**1.18**	**Native Navigation**
38	7849.00	63.00	9.18	277.54	7807.63	278.47	-19.14	-288.45	0.06	18.97	3.01	Native Navigation
39	**7913.00**	**64.00**	**8.92**	**277.89**	**7870.83**	**287.44**	**-17.79**	**-298.43**	**-0.41**	**0.55**	**0.42**	**Native Navigation**
40	7976.00	63.00	8.87	278.85	7933.08	296.06	-16.38	-308.06	-0.08	1.52	0.25	Native Navigation
41	**8040.00**	**64.00**	**8.08**	**277.10**	**7996.38**	**304.43**	**-15.06**	**-317.40**	**-1.23**	**-2.73**	**1.30**	**Native Navigation**
42	8104.00	64.00	6.67	274.37	8059.85	311.86	-14.22	-325.57	-2.20	-4.27	2.27	Native Navigation
43	**8167.00**	**63.00**	**8.48**	**291.68**	**8122.30**	**318.71**	**-12.23**	**-333.54**	**2.87**	**27.48**	**4.59**	**Native Navigation**
44	8231.00	64.00	7.73	291.16	8185.66	325.54	-8.93	-341.94	-1.17	-0.81	1.18	Native Navigation
45	**8296.00**	**65.00**	**6.76**	**290.54**	**8250.14**	**331.80**	**-6.01**	**-349.60**	**-1.49**	**-0.95**	**1.50**	**Native Navigation**
46	8359.00	63.00	5.80	288.52	8312.76	337.16	-3.70	-356.09	-1.52	-3.21	1.56	Native Navigation
47	**8423.00**	**64.00**	**4.79**	**286.24**	**8376.49**	**341.88**	**-1.92**	**-361.72**	**-1.58**	**-3.56**	**1.61**	**Native Navigation**
48	8487.00	64.00	4.65	289.31	8440.27	346.08	-0.32	-366.73	-0.22	4.80	0.45	Native Navigation
49	**8551.00**	**64.00**	**4.38**	**286.59**	**8504.07**	**350.08**	**1.24**	**-371.52**	**-0.42**	**-4.25**	**0.54**	**Native Navigation**
50	8614.00	63.00	4.04	288.61	8566.90	353.78	2.63	-375.93	-0.54	3.21	0.59	Native Navigation
51	**8678.00**	**64.00**	**3.42**	**283.42**	**8630.77**	**357.16**	**3.80**	**-379.93**	**-0.97**	**-8.11**	**1.10**	**Native Navigation**
52	8741.00	63.00	2.50	276.48	8693.68	359.98	4.39	-383.12	-1.46	-11.02	1.56	Native Navigation
53	**8805.00**	**64.00**	**1.93**	**260.31**	**8757.64**	**362.30**	**4.36**	**-385.57**	**-0.89**	**-25.27**	**1.31**	**Native Navigation**
54	8869.00	64.00	1.84	231.83	8821.60	364.33	3.55	-387.44	-0.14	-44.50	1.46	Native Navigation
55	**8931.00**	**62.00**	**1.93**	**200.46**	**8883.57**	**365.94**	**1.95**	**-388.59**	**0.15**	**-50.60**	**1.65**	**Native Navigation**
56	8996.00	65.00	2.41	169.94	8948.53	366.87	-0.42	-388.73	0.74	-46.95	1.90	Native Navigation
57	**9060.00**	**64.00**	**2.59**	**195.01**	**9012.47**	**367.90**	**-3.14**	**-388.87**	**0.28**	**39.17**	**1.72**	**Native Navigation**
58	9124.00	64.00	2.32	188.68	9076.41	369.33	-5.82	-389.44	-0.42	-9.89	0.60	Native Navigation
59	**9187.00**	**63.00**	**2.15**	**168.29**	**9139.36**	**370.08**	**-8.23**	**-389.39**	**-0.27**	**-32.37**	**1.28**	**Native Navigation**
60	9252.00	65.00	2.29	160.38	9204.31	370.24	-10.65	-388.71	0.22	-12.17	0.52	Native Navigation
61	**9316.00**	**64.00**	**2.33**	**163.28**	**9268.26**	**370.29**	**-13.10**	**-387.91**	**0.06**	**4.53**	**0.19**	**Native Navigation**
62	9380.00	64.00	2.24	162.49	9332.21	370.39	-15.54	-387.15	-0.14	-1.23	0.15	Native Navigation
63	**9444.00**	**64.00**	**2.64**	**153.53**	**9396.15**	**370.25**	**-18.05**	**-386.12**	**0.62**	**-14.00**	**0.86**	**Native Navigation**
64	9508.00	64.00	2.81	146.94	9460.08	369.70	-20.69	-384.61	0.27	-10.30	0.56	Native Navigation
65	**9572.00**	**64.00**	**3.34**	**145.18**	**9523.99**	**368.83**	**-23.53**	**-382.69**	**0.83**	**-2.75**	**0.84**	**Native Navigation**
66	9635.00	63.00	3.73	144.39	9586.87	367.77	-26.70	-380.45	0.62	-1.25	0.62	Native Navigation
67	**9699.00**	**64.00**	**3.65**	**137.44**	**9650.73**	**366.39**	**-29.90**	**-377.86**	**-0.13**	**-10.86**	**0.71**	**Native Navigation**
68	9762.00	63.00	3.51	136.04	9713.61	364.79	-32.76	-375.16	-0.22	-2.22	0.26	Native Navigation
69	**9826.00**	**64.00**	**3.56**	**136.30**	**9777.49**	**363.16**	**-35.61**	**-372.43**	**0.08**	**0.41**	**0.08**	**Native Navigation**
70	9890.00	64.00	3.69	138.67	9841.36	361.57	-38.59	-369.70	0.20	3.70	0.31	Native Navigation
71	**9954.00**	**64.00**	**3.65**	**137.00**	**9905.23**	**359.98**	**-41.63**	**-366.95**	**-0.06**	**-2.61**	**0.18**	**Native Navigation**
72	10018.00	64.00	3.47	136.65	9969.11	358.38	-44.53	-364.23	-0.28	-0.55	0.28	Native Navigation
73	**10082.00**	**64.00**	**2.98**	**136.92**	**10033.01**	**356.92**	**-47.15**	**-361.76**	**-0.77**	**0.42**	**0.77**	**Native Navigation**
74	10145.00	63.00	2.72	134.02	10095.93	355.60	-49.39	-359.57	-0.41	-4.60	0.47	Native Navigation
75	**10209.00**	**64.00**	**2.59**	**134.71**	**10159.86**	**354.28**	**-51.46**	**-357.45**	**-0.20**	**1.08**	**0.21**	**Native Navigation**
76	10272.00	63.00	2.63	131.37	10222.79	352.95	-53.42	-355.35	0.06	-5.30	0.25	Native Navigation

							N/S	E/W				
77	**10337.00**	**65.00**	**2.85**	**119.07**	**10287.72**	**351.15**	**-55.19**	**-352.82**	**0.34**	**-18.92**	**0.96**	**Native Navigation**
78	10400.00	63.00	3.12	125.57	10350.63	349.13	-56.94	-350.06	0.43	10.32	0.69	Native Navigation
79	**10463.00**	**63.00**	**2.69**	**144.65**	**10413.55**	**347.74**	**-59.15**	**-347.81**	**-0.68**	**30.29**	**1.67**	**Native Navigation**
80	10526.00	63.00	3.03	140.07	10476.48	346.75	-61.63	-345.88	0.54	-7.27	0.65	Native Navigation
81	**10590.00**	**64.00**	**3.20**	**139.28**	**10540.38**	**345.50**	**-64.28**	**-343.63**	**0.27**	**-1.23**	**0.27**	**Native Navigation**
82	10631.00	41.00	3.25	138.58	10581.32	344.65	-66.02	-342.12	0.12	-1.71	0.16	Native Navigation
83	**10681.00**	**50.00**	**3.25**	**138.58**	**10631.24**	**343.58**	**-68.15**	**-340.24**	**0.00**	**0.00**	**0.00**	**BHL**

QEP ENERGY

Operations Summary Report

Well Name: RW 32-17C
Location: 17- 7-S 24-E 27
Rig Name: MARTINEZ WELL SERVICE

Spud Date: 5/15/2012
Rig Release:
Rig Number: 1

Date	From - To	Hours	Code	Sub Code	Description of Operations
6/11/2012	08:00 - 09:00	1.00			FRAC STAGE #1 WITH 12M# 30/50
	09:00 - 10:30	1.50			SET FRAC PLUG AT 10200' AND PERF.MV ZONE #2 (9948-54' & 9832-40')
	10:30 - 11:30	1.00			FRAC STAGE #2 WITH 39M# OF 30/50
	11:30 - 13:00	1.50			SET FRAC PLUG AT 9700' AND PERF.MV ZONE #3 (9582-90' & 9530-38')
	13:00 - 14:00	1.00			FRAC STATG #3 WITH 44M# OF 30/50
	14:00 - 15:30	1.50			SET COMP.BP AT 6000'. BLED OFF WELL RD CREWS
6/12/2012	06:00 -				
6/13/2012	05:30 - 07:00	1.50	TRAV	1	6/13/2012. CREW TRAVEL
	07:00 - 07:15	0.25	RIG	7	SAFETY MEETING. CHECK SITP=0, FCP=950 ON 32/64 CHOKE
	07:15 - 09:00	1.75	TRP	5	TALLY & PICK UP 59 JNTS OF 2 3/8" L-80 TBG. TAG FRAC PLUG @ 9700'.
	09:00 - 10:00	1.00	SEQ	1	RU SWIVEL & RIG PUMP. GET CIRC W/5 BBLS. CLEAN PLUG OUT IN 10 MIN. STAND SWIVEL BACK
	10:00 - 10:30	0.50	TRP	14	PICK UP & RIH W/ 16 JNTS. TAG UP ON FILL TOP @10,200'. RU SWIVEL
	10:30 - 11:30	1.00	DRL	5	CLEAN OUT FROM 10,200' TO PBTD 10,673'
	11:30 - 12:00	0.50	CIRC	1	PUMP 15 GALS OF CHEM. SPOT IT TO EOT W/ 45 BBLS. RD SWIVEL
	12:00 - 12:30	0.50	TRP	14	POOH LD 14 JNTS. MAKE UP 4 .5" TBG HANGER. SHUT CASING IN TO LAND TBG IN WELL HEAD. EOT @10,248'
	12:30 - 13:30	1.00	BOP	1	RD FLOOR, ND BOPS. DROP BALL DOWN TBG. NU WELL HEAD TREE & FLOW LINE
	13:30 - 14:30	1.00	CIRC	3	PUMP 24 BBLS OF 2% KCL TO SEAT BALL. PUMP UP TO 2200 #PSI TO PUMP BIT OFF. BLEED OFF.
	14:30 - 15:30	1.00	LOC	4	RACK UP EQUIPMENT. RIG DOWN. CLEAN UP LOCATION. TRUN OVER TO PRODUCTION @3:30
	15:30 - 17:30	2.00	LOC	3	ROAD RIG 14 MILES TO NEW LOCATION THE WV 137. SPOT IN GET READY TO RU RIG. TO WINDY TO RIG UP. SDFN

QEP ENERGY

Operations Summary Report

Well Name: RW 32-17C
Location: 17- 7-S 24-E 27
Rig Name: AZTEC

Spud Date: 5/15/2012
Rig Release: 5/22/2012
Rig Number: 781

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/15/2012	06:00 - 18:00	12.00	LOC	3	READY RIG TO MOVE, LAY OVER DERRICK @ 9:00 AM, MOVE ALL RIG COMPONETS TO LOCATION, SET IN AND START RIGGING UP, RAISE DERRICK @ 15:00
	18:00 - 06:00	12.00	LOC	4	PJSM / JHA FOR EVERY MAJOR LIFT AND JOB DURING RIG UP, RIG UPTOP DRIVE TRACK (REPLACED NUTS AND BOLTS / LOCK TIGHT), TOP DRIVE SERVICE LOOP, FLOOR, PITS PUMPS, PASON, APX 75% RIGGED UP
5/16/2012	06:00 - 14:30	8.50	LOC	4	RIG UP, TOP DRIVE, PIT PUMP, FILL MUD TANKS, LAY OUT AND HOOK UP FLARE LINES, RUN OUT EQUIPMENT, CUT DITCH AROUND RIG AD MECHANIC REPLACING GEAR BOX SEAL
	14:30 - 20:30	6.00	BOP	1	PJSM, NIPPLE UP BOP AND COMPONENTS (CHANGE OUT PIPE RAMS BACK TO 3 1/2 " DP)/ INSTALL FLOW LINE
	20:30 - 00:30	4.00	BOP	2	PJSM, TEST PIPE & BLIND RAMS 250 PSI LOW, 5,000 PSI HI, ANNULAR 2500 PSI, CHOKE LINE, UPPER & LOWER KELLY VALVE, SAFETY FLOOR VALVES, CHAKE MANIFOLD AND SUPER CHOKE, 250 PSI LOW 5, 000 PSI HI
	00:30 - 01:30	1.00	LOC	4	STRAP AND CALIPER DIRECTIONAL TOOLS AND BHA
	01:30 - 02:30	1.00	RIG	2	OFF SIDE WENCH QUIT WORKING AGAIN PJSM, RIG UP SPINNERS ON DRILLERS SIDE
	02:30 - 03:30	1.00	CSG	1	PJSM / JHA, RIG UP PICK UP CREW
	03:30 - 04:30	1.00	TRP	1	MAKE UP BIT AND DIRECTIONAL TOOLS, TRIM STB ON MWD TO FIT / WON'T FIT/BREAK DOWN MWD/ LAY DOWN 2 NMDC WITH 2 1/8 ID AND PICK UP TWO WITH 2 3/4 ID
	04:30 - 06:00	1.50	TRP	1	MAKE UP MWD, SET IN NMDC, ORIENT, PROGRAM AND TRIP IN HOLE WITH BHA
5/17/2012	06:00 - 10:30	4.50	TRP	2	HELD PJSA, AND PICK UP 3 1/2" DRILL STRING WITH LAYDOWN TRUCK
	10:30 - 11:00	0.50	DRL	5	DRILL COMPOSITI BRIDGE PLUG @ 4,202'
	11:00 - 13:00	2.00	TRP	2	PICK UP 3 1/2" DRILL STRING, TAG UP @ 5,523'
	13:00 - 14:00	1.00	CIRC	1	CIRCULATE BOTTOMS UP, AND RIG DOWN LAYDOWN TRUCK
	14:00 - 16:00	2.00	SUR	1	HELD PJSA WITH NATIVE NAVIGATION AND RIG UP WIRE LINE AND RUN GYRO SURVEY
	16:00 - 17:00	1.00	RIG	6	SLIP AND CUT 120 FT OF DRILL LINE
	17:00 - 17:30	0.50	RIG	1	RIG SERVICE
	17:30 - 05:00	11.50	DRL	2	DIRECTIONAL DRILL FROM 5523' TO 6670', 1147' AT 99'/HR , WOB 16-18K, RPM 40, MOTOR RPM 71, 1400 PSI OFF BOTTOM AT 140 STKS, 274 GPM, 400-500 PSI DIFF.
	05:00 - 06:00	1.00	SUR	1	SURVEYS AND CONNECTIONS
5/18/2012	06:00 - 16:30	10.50	DRL	2	DIRECTIONAL DRILL FROM 6670' TO 7707', 1037' AT 98.7 '/HR , WOB 16-18K, RPM 40, MOTOR RPM 71, DHRPM 111 , 1900 PSI OFF BOTTOM AT 140 STKS, 274 GPM, 400-500 PSI DIFF.
	16:30 - 17:00	0.50	RIG	1	RIG SERVICE
	17:00 - 18:00	1.00	SUR	1	SURVEYS AND CONNECTIONS
	18:00 - 05:00	11.00	DRL	2	DIRECTIONAL DRILL FROM 7707' TO 9046', 1339' AT 121 '/HR , WOB 16-18K, RPM 40, MOTOR RPM 71, DHRPM 111 , 2200 PSI OFF BOTTOM AT 140 STKS, 274 GPM, 400-500 PSI DIFF.
	05:00 - 06:00	1.00	SUR	1	SURVEYS AND CONNECTIONS
5/19/2012	06:00 - 16:00	10.00	DRL	2	DIRECTIONAL DRILL FROM 9046' TO 9876' AT 83 '/HR , WOB 16-18K, RPM 40, MOTOR RPM 71, DHRPM 111 , 2250 PSI OFF BOTTOM AT 130 STKS, 254 GPM, 400-500 PSI DIFF.
	16:00 - 17:00	1.00	RIG	1	ROUTINE RIG SERVICE, CHANGE OIL IN DRAWORKS # 1 ENGINE
	17:00 - 18:00	1.00	SUR	1	CONNECTIONS AND SURVEYS
	18:00 - 19:00	1.00	SUR	1	CONNECTIONS AND SURVEYS
	19:00 - 04:00	9.00	DRL	2	DIRECTIONAL DRILL FROM 9876' TO 10474' AT 66 '/HR , WOB 16-18K, RPM 40, MOTOR RPM 71, DHRPM 111 , 2700 PSI OFF BOTTOM AT 140 STKS, 274 GPM, 400-500 PSI DIFF.

Operations Summary Report

Well Name: RW 32-17C
Location: 17- 7-S 24-E 27
Rig Name: AZTEC

Spud Date: 5/15/2012
Rig Release: 5/22/2012
Rig Number: 781

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/19/2012	04:00 - 05:00	1.00	CIRC	1	CIRCULATE, MIX AND PUMP SLUG
	05:00 - 06:00	1.00	TRP	10	PJSM, TRIP OUT
5/20/2012	06:00 - 10:30	4.50	TRP	10	TRIP OUT FOR FOR BIT USING TRIP SHEET TO ENSURE PROPER HOLE FILLING VOLUMES
	10:30 - 11:30	1.00	DRL	3	BREAK BIT LAYDOWN MOTOR, PICK UP NEW MOTOR, MAKE UP BIT, SCRIBE AND ORIENT MWD TOOL
	11:30 - 12:00	0.50	RIG	1	RIG SERVICE
	12:00 - 17:30	5.50	TRP	2	HELD JSA, TRIP IN HOLE DISCUSSED HAZARDS AND PINCH POINTS IN PRE-JOB SAFETY MEETING, FILL HOLE @ 5,000' 7000' & 9,000'
	17:30 - 18:00	0.50	REAM	1	SAFETY REAM 84' TO BOTTOM
	18:00 - 22:30	4.50	DRL	1	DRILL FROM 10474' TO 10650' AT 39'/HR , WOB 16-18K, RPM 40, MOTOR RPM 71, DHRPM 111 , 2700 PSI OFF BOTTOM AT 140 STKS, 274 GPM, 400-500 PSI DIFF.
	22:30 - 23:00	0.50	CIRC	1	CIRCULATE, EVALUATE GAMMA
	23:00 - 23:30	0.50	DRL	1	DRILL FROM 10650' TO 10681', TD
	23:30 - 00:30	1.00	CIRC	1	CIRCULATE
	00:30 - 03:00	2.50	TRP	14	SHORT TRIP TO SHOE @ 5523'
	03:00 - 03:30	0.50	RIG	1	ROUTINE RIG SERVICE
	03:30 - 05:30	2.00	TRP	14	SHORT TRIP BACK TO BOTTOM NO LOSSES 5' OF FILL
	05:30 - 06:00	0.50	CIRC	1	CIRCULATE BOTTOMS UP AND MIX DRY JOB
5/21/2012	06:00 - 07:00	1.00	CIRC	1	CIRCULATE FOR TRIP OUT TO RUN LOGS, SPOT WALNUT IN OPEN HOLE, AND PUMP PILL
	07:00 - 12:30	5.50	TRP	2	TRIP OUT TO RUN OPEN HOLE LOGS, USING TRIP SHEET TO ENSURE PROPER HOLE FILLING VOLUMES
	12:30 - 13:30	1.00	TRP	1	BREAK BIT, LAYDOWN MUD MOTOR, AND DIRECTIONAL TOOLS
	13:30 - 22:00	8.50	LOG	1	HELD PJSA WITH THRU-BIT LOGGING AND RIG PERSONEL, RIG UP AND RUN OPEN HOLE LOGS, LOGGERS DEPTH 10,674, (300' INTO LOGGING TOOL FAILED, PULLED OUT FIXED PROBLEM AND RUN TO FINISH LOGGING), LOGGERS TD ON 2ND RUN, 10684', SHIEVE ON FLOOR HAD SLIPPED CAUSING DEPTH ERROR ON 1ST RUN.
	22:00 - 03:30	5.50	TRP	2	OPERATE PIPE AND BLIND RAMS, MAKE UP MILL TOOTH BIT, BIT SUB, AND TRIP IN HOLE
	03:30 - 04:00	0.50	REAM	1	SAFETY REAM TO BOTTOM, 10' OF FILL
	04:00 - 05:30	1.50	CIRC	1	HELD PJSA AND RIG UP LAYDOWN TRUCK// CIRCULATE TO LAYDOWN DRILL STRING, DISPLACED 30 SACKS OF WALNUT INTO OPEN HOLE WITH PILL INCORPORATED INTO DISPLACEMENT, WORK PIPE EVERY 15 MIN.
	05:30 - 06:00	0.50	TRP	2	LAYDOWN 3 1/2" DRILL STRING WITH WEATHERFORD LAYDOWN TRUCK, DISCUSSED PINCH POINTS AND PROPER LIFTING IN PRE-JOB MEETING
5/22/2012	06:00 - 13:00	7.00	TRP	2	LAYDOWN DRILL PIPE WITH LAYDOWN MACHINE
	13:00 - 14:00	1.00	OTH		PJSA CHANGE OUT BALES, AND PIPE RAMS FROM 3 1/2" TO 4 1/2"
	14:00 - 14:30	0.50	RIG	1	ROUTINE RIG SERVICE
	14:30 - 16:00	1.50	BOP	2	TEST 4 1/2" PIPE RAMS TO 5000 PSI HIGH, 250 PSI LOW
	16:00 - 16:30	0.50	CSG	1	HELD PJSA WITH WEATHERFORD CASING CREW AND ALL RIG PERSONELL, RIG UP CASING EQUIPMENT AND GATOR BACK FILL TOOL
	16:30 - 21:00	4.50	CSG	2	RUN 4.5" CASING TO 5400', BROKE CIRC AT 1200', 3200'
	21:00 - 21:30	0.50	CIRC	1	CIRCULATE BOTTOMS UP
	21:30 - 00:00	2.50	CSG	2	RUN 4.5" CASING TO 9500', BROKE CIRC AT 7500'
	00:00 - 01:30	1.50	CIRC	1	BREAK CIRCULATION, HOLE TIGHT, PACKING OFF, WORK FREE, REGAIN FULL CIRCULATION, PUMP AROUND 20 SXS FINE FIBER SEAL
	01:30 - 02:30	1.00	CSG	2	RUN 229 JOINTS OF 4 1/2" 11.6#, LT&C HCP-110, PRODUCTION CASING, RAN WEATHER FLOAT EQUIPMENT FLOAT & SHOE STACKED TOGETHER, RAN A TOTAL OF 50 BOW SPRING CENTRILIZERS, 25 CENTRILIZERS SPACED EVERY OTHER JOINT THREW THE TANGENT, AND 25 CENTRILIZERS EVERY

QEP ENERGY

Operations Summary Report

Well Name: RW 32-17C
Location: 17- 7-S 24-E 27
Rig Name: AZTEC

Spud Date: 5/15/2012
Rig Release: 5/22/2012
Rig Number: 781

Date	From - To	Hours	Code	Sub Code	Description of Operations
5/22/2012	01:30 - 02:30	1.00	CSG	2	JOINT THREW THE BUILD SECTION, TAGGED ON JOINT 230 AND LAYED BACK DOWN SHOE @ 10675' (WASHED OUT BRIDGES AT 9780' AND 10060')
	02:30 - 03:00	0.50	REAM	1	SAFETY WASH 141' TO BOTTOM
	03:00 - 05:30	2.50	CIRC	1	CIRCULATE, PJSM WITH CEMENTERS, RIG UP SAME
	05:30 - 06:00	0.50	CMT	2	CEMENT
5/23/2012	06:00 - 09:00	3.00	CMT	2	CEMENT 4 1/2" PRODUCTION CASING, TEST LINES TO 5000 PSI, PUMPED 20 BBLS OF 10.5 # SUPERFLUSH, THEN PUMPED 218 BBLS OF 11.0 # EXTENDACEM LEAD CEMENT 415 SACKS 2.95 YIELD 17.48 GAL/SCK, THEN PUMPED 84.3 BBLS OF 13.0 # EXPANDACEM TAIL CEMENT 285 SACKS 1.66 YIELD, 8.19 GAL/SACK, DISPLACE WITH 165.5 BBLS KCL, BUMPED PLUGS, FLOATS HELD, 20 BBLS CEMENT BACK TO SURFACE, GOOD RETURNS THROUGH OUT JOB, 1.5 BBLS BACK TO TRUCK, WASH UP AND FLUSH STACK WITH REMAINING KCL WATER.
	09:00 - 10:00	1.00	BOP	1	NIPPLE DOWN BOP, FLOW LINE, AND CHOKE
	10:00 - 12:00	2.00	CSG	7	SET SLIPS, 125K ON SLIPS, AND CLEAN MUD TANKS, LAYOVER BOP IN SUB. (RELEASE RIG @ 12:00, 5/22/2012)

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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: U-02148

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: RED WASH

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: RW 32-17C

2. NAME OF OPERATOR: QEP ENERGY COMPANY

9. API NUMBER: 43047151450000

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

PHONE NUMBER: 303 308-3068 Ext

9. FIELD and POOL or WILDCAT: RED WASH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2054 FNL 1986 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 17 Township: 07.0S Range: 24.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 7/16/2012	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	✓ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

QEP ENERGY COMPANY REQUESTS THAT THE WILDCAT TAX CREDIT BE APPLIED TO THE RW 32-17C WELL. THIS IS THE FIRST WELL IN THE MESAVERDE POOL WITHIN A ONE MILE(5280') RADIUS (SEE ATTACHED MAP). OFFSET WELLS INCLUDE: RW 21-17C, API #: 43-047-15209, TD: 5579', FORMATION AT TD: GREEN RIVER. RW 22-17C, API #: 43-047-30388, TD: 5700', FORMATION AT TD: GREEN RIVER.

Approved by the Utah Division of Oil, Gas and Mining

Date: October 03, 2012

By: Dark K Quist

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

SIGNATURE	DATE
N/A	7/16/2012

RECEIVED: Jul. 16, 2012

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047151450000

See attached Wildcat Well Determination Statement of Basis.

RECEIVED: Oct. 03, 2012

DIVISION OF OIL, GAS AND MINING

Wildcat Well Determination

STATEMENT OF BASIS

Applicant: QEP ENERGY COMPANY

Location: SWNE SEC 17 T07S R24E Uintah County, **Utah**

WELL NAME: RW 32-17C **API #:** 43-047-15145

FINDINGS

1. This well was originally completed on May 27, 1952 in the Green River formation. Pipe was set at a Total Depth of 5,802 feet.
2. There are multiple wells within 1 Mile of the subject well that have also produced out of the Green River formation. (Attachment A)
3. A permit to deepen this well was approved on June 22, 2011.
4. This well was re-completed on June 13, 2012 in the **Mesa Verde** formation, to a Total Depth of 10,681 feet.
5. This well was > 1 mile from known production in the **Mesa Verde** formation at the time of recompletion and the start of production on June 15, 2012. (Attachment A)
6. There has been no previous production out of the Mesa Verde formation within a 1-mile radius of this well.

CONCLUSIONS

Based on the findings above the Division has determined the RW 32-17C well was drilled into an unknown area for the **Mesa Verde** formation. The Division finds that this well qualifies for the severance tax exemption under Section 59-5-102(5)(b) for wildcat wells. This determination was made in accordance with Oil and Gas General Conservation Rule R649-3-35. If the operator disagrees with this determination, the decision may be appealed to the Board of Oil Gas and Mining.

Reviewer(s): Dustin K. Doucet DKD Date: 10/3/2012

Joshua J. Payne JJP Date: 9/28/2012

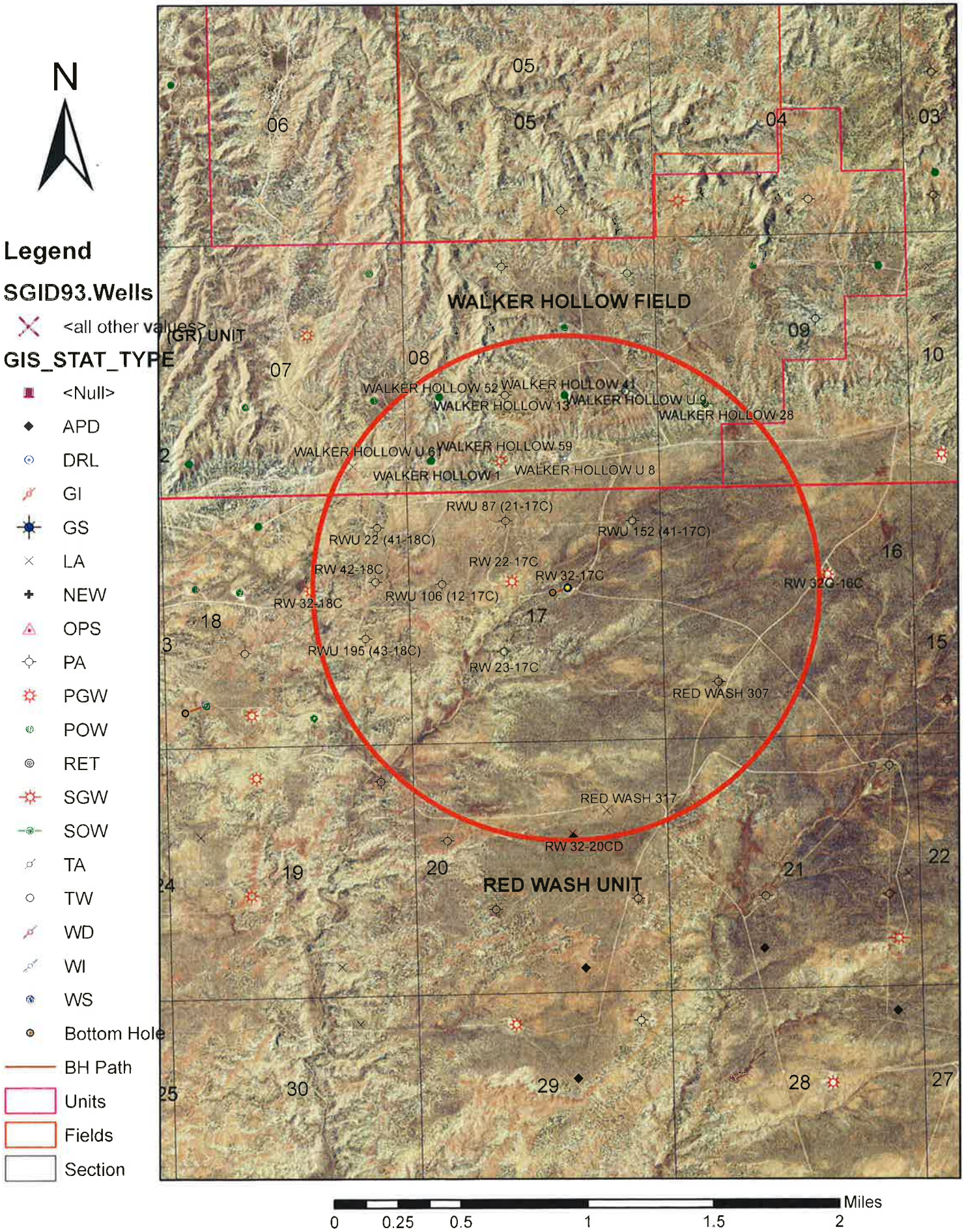
CC: Utah State Tax Commission
ATTN: Shandra Winters

Sundry Number: 27775 API Well Number: 43047151450000

ATTACHMENT A

1 Mile Area of Review

API	WELL_NAME	Well Status	QTR	Sect	Town	Range	Cum Oil	Cum Gas	Field Type	Dx From Well(ft)	Rotar Spud	Date TD Reached	Date First Produced	Producing Formation	Depth TD
4304739965	RW 32-20CD	APD	SWNE	20	T07.0S	R24.0E	0	0	D	4786				PROPOSED (DAKOTA)	0
4304735245	RW 32-20C	LA	SWNE	20	T07.0S	R24.0E	0	0	D	4711				NA	0
4304732632	RED WASH 307	PA	SWSW	16	T07.0S	R24.0E	0	0	D	3409		4/28/1995		NA	5650
4304732631	RED WASH 317	LA	SENE	20	T07.0S	R24.0E	0	0	D	4339				NA	0
4304731130	WALKER HOLLOW U 61	LA	SESE	07	T07.0S	R24.0E	0	0	D	4704				NA	0
4304730946	WALKER HOLLOW 59	P	SESW	08	T07.0S	R24.0E	0	153246	D	2744		7/30/1981	5/24/1985	GREEN RIVER	5812
4304730945	WALKER HOLLOW 52	P	NWSW	08	T07.0S	R24.0E	109226	171469	D	4404		7/6/1981	10/2/1981	GREEN RIVER	5700
4304730691	WALKER HOLLOW 41	P	NWSE	08	T07.0S	R24.0E	64243	113430	D	3696		7/20/1980	9/28/1980	GREEN RIVER	5675
4304730388	RW 22-17C	P	SENW	17	T07.0S	R24.0E	4215	1063749	D	1061		7/11/1978	10/4/1978	GREEN RIVER	5700
4304730347	RW 42-18C	PA	SENE	18	T07.0S	R24.0E	36779	1506000	D	3662		2/19/1978	5/24/1978	GREEN RIVER	5800
4304730092	WALKER HOLLOW 28	S	NWSW	09	T07.0S	R24.0E	131506	247236	D	4412		12/15/1970	1/13/1971	GREEN RIVER	5619
4304716503	WALKER HOLLOW U 8	A	SWSE	08	T07.0S	R24.0E	211957	487730	D	2488		5/10/1958	5/29/1958	GREEN RIVER	5665
4304716493	RWU 152 (41-17C)	PA	NENE	17	T07.0S	R24.0E	193069	947072	D	1788		6/21/1961	6/26/1961	GREEN RIVER	5570
4304716483	RWU 22 (41-18C)	PA	NENE	18	T07.0S	R24.0E	0	0	D	3806		3/12/1953		NA	5726
4304715563	WALKER HOLLOW 13	PA	NESW	08	T07.0S	R24.0E	611516	437181	D	3880		6/3/1961	6/25/1961	GREEN RIVER	5602
4304715560	WALKER HOLLOW U 9	PA	NESE	08	T07.0S	R24.0E	613827	182275	D	3932		8/11/1959	9/20/1959	GREEN RIVER	5605
4304715554	WALKER HOLLOW 1	P	SWSW	08	T07.0S	R24.0E	662140	631102	D	3561		11/5/1952	12/2/1952	GREEN RIVER	5716
4304715298	RW 23-17C	PA	NESW	17	T07.0S	R24.0E	0	288812	D	1718		8/8/1964	8/21/1964	GREEN RIVER	5438
4304715297	RWU 195 (43-18C)	PA	NESE	18	T07.0S	R24.0E	304635	1080230	D	3973		5/20/1963	6/27/1963	GREEN RIVER	5555
4304715224	RWU 106 (12-17C)	PA	SWNW	17	T07.0S	R24.0E	507574	2272840	D	2386		8/11/1959	12/9/1959	GREEN RIVER	5545
4304715209	RWU 87 (21-17C)	PA	NENW	17	T07.0S	R24.0E	706567	920352	D	1741		11/11/1958	11/24/1958	GREEN RIVER	5579
4304715145	RW 32-17C	DRL	SWNE	17	T07.0S	R24.0E	341377	4083410	D	0		5/27/1952 - 5/17/2012	6/20/1952 - 6/15/2012	GREEN RIVER - MESA VERDE	5802 - 10681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WALKER HOLLOW U 8
RWU 87 (21-17C)
RWU 152 (41-17C)
RWU 22 (41-18C)
RW 42-18C
RW 22-17C
RW 32-17C
RW 32G-16C
RW 32-18C
RWU 106 (12-17C)
RWU 195 (43-18C)
RW 23-17C
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RED WASH 317
RW 32-20CD
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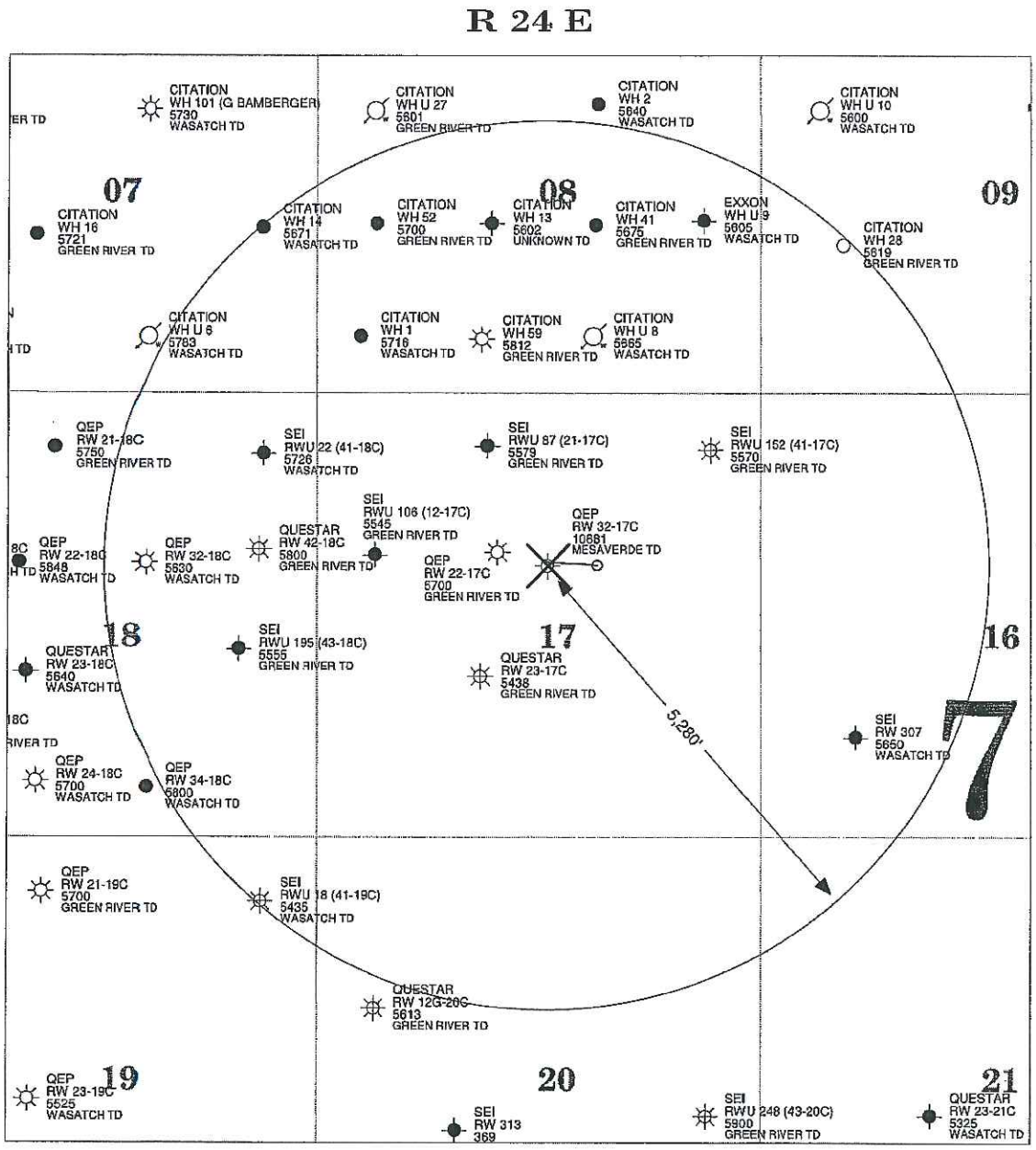


Well Symbol Key

- Location
- Gas
- Oil
- Abd loc.
- D&A
- Inj
- Inj P&A
- Inj SI
- O&G P&A
- Oil P&A
- Gas P&A

N

1:24000

1000 0 1000 2000 3000 ft

1050 17th, Suite 500
Denver, Colorado 80265
303 672-6900

QEP Energy Company

RW 32-17C

Date: 16 July, 2012	Geologist:
Tech:	Geophysicist:
Engineer:	File:...\UInta\CJO_RAGTaxCR\RW_32-17C.gmp

FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: U-02148

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: RED WASH

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: RW 32-17C

2. NAME OF OPERATOR: QEP ENERGY COMPANY

9. API NUMBER: 43047151450000

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

PHONE NUMBER: 303 595-5919 Ext

9. FIELD and POOL or WILDCAT: RED WASH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2054 FNL 1986 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 17 Township: 07.0S Range: 24.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 11/2/2015	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	✓ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

QEP Energy Company requests approval to recomplete the RW 32-17C by adding perforations to the Mesaverde formation. See attached procedure.

Accepted by the Utah Division of Oil, Gas and Mining

Date: October 22, 2015

By: Dark K Quist

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Jan Nelson	435 781-4331	Permit Agent
SIGNATURE N/A		**DATE** 10/21/2015

RECEIVED: Oct. 21, 2015

QEP Energy requests approval to recomplete the RW 32-17C by adding perforations to the Mesaverde formation as follows:

1. Set CFP at 9,455'.
2. Stage 1
    a. 9,409'-9,411', 3spf, frac with slick water
    b. 9,383'-9,385', 3spf, frac with slick water
    c. 9,317'-9,319', 3spf, frac with slick water
    d. 9,309'-9,311', 3spf, frac with slick water
    e. 9,252'-9,354', 3spf, frac with slick water
    f. 9,239'-9,241', 3spf, frac with slick water
    g. 9,220'-9,222', 3spf, frac with slick water
    h. 9,196'-9,198', 3spf, frac with slick water
3. Set CFP at 9,138'.
4. Stage 2
    a. 9,116'-9,118', 3spf, frac with slick water
    b. 9,103'-9,105', 3spf, frac with slick water
    c. 9,078'-9,080', 3spf, frac with slick water
    d. 9,055'-9,056', 3spf, frac with slick water
    e. 9,044'-9,046', 3spf, frac with slick water
    f. 9,033'-9,035', 3spf, frac with slick water
    g. 9,017'-9,018', 3spf, frac with slick water
    h. 9,007'-9,008', 3spf, frac with slick water
    i. 8,990'-8,992', 3spf, frac with slick water
    j. 8,970'-8,971', 3spf, frac with slick water
5. Drill up top plug, and return well to production.
6. Return to drill up the bottom plug and restore existing production after the frac fluid is recovered.

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: U-02148

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: RED WASH

1. TYPE OF WELL Gas Well

8. WELL NAME and NUMBER: RW 32-17C

2. NAME OF OPERATOR: QEP ENERGY COMPANY

9. API NUMBER: 43047151450000

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

PHONE NUMBER: 303 595-5919 Ext

9. FIELD and POOL or WILDCAT: RED WASH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2054 FNL 1986 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 17 Township: 07.0S Range: 24.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION

- ☐ NOTICE OF INTENT — Approximate date work will start:
- ✓ SUBSEQUENT REPORT — Date of Work Completion: 11/24/2015
- ☐ SPUD REPORT — Date of Spud:
- ☐ DRILLING REPORT — Report Date:

TYPE OF ACTION

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

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

QEP Energy Company re-perforated the RW 32-17C Mesaverde formation. A short summary of the additional perforations is as follows: Stage 1 - 8970'-9118' (48 shots), Stage 2 - 9195'-9411' (48 shots). The frac used 18,153 bbls slickwater and 511,140 lbs. proppant sand. The well was returned to production on 11/24/2015. Please see the attached perforation summary and daily report.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
December 23, 2015

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

SIGNATURE	DATE
N/A	12/22/2015

RECEIVED: Dec. 22, 2015

RW 32-17C

AFE - DRL-CT (Completion), 6/3/2012 06:00

Well Name	Primary Job Type	Secondary Job Type	Objective	Start Date	Job End Date
RW 32-17C	AFE - DRL-CT (Completion)	DEVELOPMENT	AFE	6/3/2012	6/13/2012

AFE - REC (Recomplete), 11/11/2015 11:00

Well Name	Primary Job Type	Secondary Job Type	Objective	Start Date	Job End Date
RW 32-17C	AFE - REC (Recomplete)		Recomplete	11/11/2015	12/8/2015

RPT #	End Date	Cum Time Log (days)	Current Ops	Summary	Time Log Hrs (hr)	Created By
1	5/8/2012 06:00	0.52	5/8/2012. SICP=600, SITP=0. MIRU. RU EQUIPMENT. POOH LD ROD STRING. X-O TO TGB EQUIPMENT. SWIFN	5/8/2012. SICP=600, SITP=0. MIRU. RU EQUIPMENT. POOH LD ROD STRING. X-O TO TGB EQUIPMENT. SWIFN	12.50	DFW_WV310User
2	5/9/2012 06:00	1.29	N.D. WELL HEAD AND RELATIVE EQUIPMENT	5/9/2012. SICP=100, SITP=0. ND WELL HEAD. NU BOPS. RELEASE TAC. POOH LD TBG. TALLY & RIH W/ PH6 TBG TO 5395' , 175 BBLS TO GET CIRC. CLEAN OUT FROM 5395 TO 5403'	18.50	DFW_WV310User
3	5/10/2012 06:00	2.29	CLEAN UP SCALE AND SAND	05/10/2012: CLEAN OUT 5404, P.O.O.H. TBG DUE TO NOT DRILLING, LD BHA. RIH W/ NEW BHA. TAG UP @5404'. CLEAN OUT TO 5438' CIRCULATE WELL CLEAN, P.O.O.H.W/ TBG AND BHA,	24.00	DFW_WV310User
4	5/11/2012 06:00	3.29	RIH W/ TBG	5/11/2012. SQUEEZE PERFS FROM 4116' TO 5433'. TOTAL SX PUMP 215 OF G-NEAT CEMENT. POOH LD PKR. RIH W/ PDC BIT. EOT @ 3674' SHUT CASING IN W/ 500 PSI, LET CEMENT SET UP	24.00	DFW_WV310User
5	5/12/2012 06:00	4.29	WAITING ON CEMENT TO SET UP	05/12/2012: WAIT ON CEMENT, SICP = 250 PSI, TAG @ 4310' , CLEAN OUT CEMENT TO 5438' ALL PRESSURE TEST HELD GOOD, P.O.O.H. W/ 83 JTS	24.00	DFW_WV310User
6	5/13/2012 06:00	5.21	5/13/2012. POOH LD BHA, RIH W/ MILL & BHA TAG UP @5438'. CLEAN OUT TO 5530'. ROLL HOLE CLEAN. POOH L	5/13/2012. POOH LD BHA, RIH W/ MILL & BHA TAG UP @5438'. CLEAN OUT TO 5530'. ROLL HOLE CLEAN. POOH LD TBG. RIH W/ CBP SET AT 4313', ND BOPS. POP WELL HEAD OFF HANGER, NU NEW WELL HEAD. SHUT WELL IN. RDMO	22.00	DFW_WV310User
1	5/15/2012 06:00	1.00	RIGGING UP	MOVE RIG TO NEW LOCATION AND RIG UP	24.00	DFW_WV310User
2	5/16/2012 06:00	2.00	TRIPPING IN HOLE TO DRILL OUT CBP	RIG UP, NIPPLE UP, TEST BOP, MAKE UP TOOLS AND TRIP IN HOLE	24.00	DFW_WV310User
3	5/17/2012 06:00	3.00	DIRECTIONAL DRILLING	DIRECTIONAL DRILL 11.5 HRS// PICK UP 3 1/2"" DRILL PIPE 6.5 HRS// DRILL BRIDGE PLUG .5 HRS//CBU, RIG DOWN L/D TRUCK 1 HR// HELD PJSA RIG UP AND RUN GYRO SURVEY 2 HR//SLIP, CUT DRILL LINE 1 HR// RIG SERVICE - .5 HRS // SURVEY AND CONNS - 1 HRS	24.00	DFW_WV310User
4	5/18/2012 06:00	4.00	DRILLING	DRILL - 21.5 HRS // RIG SERVICE - 0.5 HRS // SURVEYS AND CONNECTIONS - 2 HRS//	24.00	DFW_WV310User
5	5/19/2012 06:00	5.00	TRIP FOR BIT	DRILL - 19 HRS // RIG SERVICE - 1 HRS // SURVEYS AND CONNECTIONS - 2 HRS // CIRCULATE - 1 HR // TRIP - 1 HR // NO SLIDES	24.00	DFW_WV310User
6	5/20/2012 06:00	6.00	CIRCULATE FOR TRIP OUT TO RUN LOGS	DRILL - 5 HRS // BIT TRIP - 10 HRS // CHANGE BITS AND MOTORS, RESCRIBE - 1 HR // RIG SERVICE - 1 HRS // SAFETY REAM 84' - 0.5 HRS // EVALUATE GAMMA - 0.5 HRS // CIRCULATE - 1.5 HR // SHORT TRIP - 4.5 HRS // NO SLIDES	24.00	DFW_WV310User
7	5/21/2012 06:00	7.00	CIRCULATING, AND START LAYING DOWN DRILL STRING	CIRCULATE FOR LOGS - 1 HR // TOH F/ LOGS - 6.5 HRS // LOG, TD 10684' - 8.5 HRS // TRIP IN -5.5 HRS // SAFETY REAM 60' .50 HR//CIRCULATE TO LAYDOWN D.P. 2 HRS//	24.00	DFW_WV310User

Sundry Number: 68469 API Well Number: 4304715145 0000

RW 32-17C

RPT #	End Date	Cum Time Log (days)	Current Ops	Summary	Time Log Hrs (hr)	Created By
8	5/22/2012 06:00	8.00	CEMENTING	LAY DOWN PIPE - 7 HRS // XO PIPE RAMS TO 4.5"" &TEST - 2.5 HRS // PJSM, RIG UP AND RUN 4.5"" CASING - 8.5 HRS // CBU @ SHOE - 0.5 HRS // WORK TIGHT HOLE AND CIRC AT 9500' - 1.5 HRS // SAFETY WASH 141' - 0.5 HRS // CIRC 2.5 HRS // CEMENT.5 HRS// R, SERVICE.5	24.00	DFW_WV310User
9	5/23/2012 06:00	8.25	RELEASE RIG 5/22/2012 @ 12:00	CEMENT 4 1/2"" CASING-3 HRS// NIPPLE DOWN BOP- 1 HR// SET 125K ON SLIPS CLEAN MUD TANKS 2 HRS//	6.00	DFW_WV310User
1	5/25/2012 06:00	0.33		layed out location, drilled holes, cemented posts in holes, set tank rings	8.00	DFW_WV310User
2	5/29/2012 06:00	0.79		set tanks, set seperator, set breco unit, constructed plunger tree and well head assembly, made bypass for tanks, made equalizer, began welding flow dump and trace lines	11.00	DFW_WV310User
3	5/30/2012 06:00	1.25		set stairs, platform and equalizer, installed vent lines, hooked up glycol pump, ran methanol tubing, welded on flow dump and trace lines, breco, set up burm, back filled burm and seperator, power trench, hydro tested flow line, pressure tested trace line	11.00	DFW_WV310User
1	6/4/2012 06:00		WELL IS SI PENDING FRAC HEAD INSTALL AND PSI TEST ON 6/5/12	ON 6/1/12 RAN A GAUGE RING, CBL/VDL/GR LOG FROM TAG AT 10660' TO SURFACE. CORRRELATED TO THRUBIT DENSITY LOG DATED 5/20/12.		DFW_WV310User
2	6/5/2012 06:00		INSTALL FRAC HEAD AND PRESSURE TEST CSG.AND FRAC HEAD TO 7500# ON 6/5/12. EVERTHING TESTED OK. PLA	INSTALL FRAC HEAD AND PRESSURE TEST CSG.AND FRAC HEAD TO 7500# ON 6/5/12. EVERTHING TESTED OK. PLAN ON 1ST PERF.ON 6/8/12.		DFW_WV310User
3	6/11/2012 06:00	0.31	FRAC 3 MV STAGES WITH A TOTAL OF 95M# OF 30/50. SET KILL PLUG AND SI WELL PENDING COMPLETION RIG.	FRAC 3 MV STAGES WITH A TOTAL OF 95M# OF 30/50. SET KILL PLUG AND SI WELL PENDING COMPLETION RIG. COSTS TO FOLLOW ON 6/12/2012 REPORT	7.50	DFW_WV310User
4	6/12/2012 06:00	0.31	COSTS ON 6/12/2012 REPORT	COSTS TO FOLLOW ON 6/12/2012 REPORT		DFW_WV310User
5	6/13/2012 06:00	0.81	6/13/2012. SITP=0. FCP=950. TALLY & PICK UP TBG TAG FRAC PLUG @9700'. CLEAN OUT PLUG. RIH TAG UP ON	6/13/2012. SITP=0. FCP=950. TALLY & PICK UP TBG TAG FRAC PLUG @9700'. CLEAN OUT PLUG. RIH TAG UP ON FILL TOP @10,200'. CLEAN OUT TO PBTD @10,673'. SPOT 15 GALS OF CHEM TO EOT POOH TO 10,248'. LAND TBG IN WELL HEAD. ND BOPS. NU WELL HEAD PUMP BIT OFF. RDMO	12.00	DFW_WV310User
4	2/26/2013 06:00	1.25		RECLAMATION		10236
1	4/16/2013 06:00		RECLAMATION	RECLAMATION		10236
5	5/25/2013 06:00	1.25		PAINT		07051
2	6/19/2013 06:00		RECLAMATION	RECLAMATION		10236
3	7/10/2013 06:00		RECLAMATION	RECLAMATION		10236
1	11/12/2015 06:00	0.33	Road rig to location	11/11/2015: Road rig 44 miles, MIRU, ND well head, NU Bops, Pull tbg hanger. SWIFN w/ casing up sales line.	8.00	tempmcclure
2	11/13/2015 06:00	0.88	POOH w/ tbg	11/12/2015: RU Pump Top kill tbg w/ 10 bbl's POOH w/ production tbg. RIH w/ Bit and scrapper to 9535' POOH and LD w/ 240 jts, SWIFN w/ EOT @ 1936' Casing is up sales line.	13.00	tempmcclure
3	11/14/2015 06:00	1.21	LD tbg	11/13/2015: LD w/ remaining tbg. ND Bop's NU Frac. tree. Well is shut in , RDMO. Road rig to Red wash yard.	8.00	tempmcclure
4	11/17/2015 06:00	1.21		CONTRACT WORK		10791
5	11/18/2015 06:00	1.21		3 LOADS 1" ROADBASE		50379

Sundry Number: 68469 API Well Number: 43047151450000

RW 32-17C

RPT #	End Date	Cum Time Log (days)	Current Ops	Summary	Time Log Hrs (hr)	Created By
6	11/19/2015 06:00	1.56	Wire line	11/18/15: MIRU Cutters wire line. RIH with 4 1/2" Halliburton 15k CFP. Set plug @9455'. MIRU hot oilier to casing and fill hole with 140 bbl's of 2% kcl water. Pressure test to 8552 #psi on casing and frac tree for 10 min. Good test. Bleed well off. RIH with 3 1/8" gun, 3 SPF, 120 phasing. Shoot new perfs from 9195'-9410'. Correlate to Cutters CBL dated 6/1/12 back to Thru Bit spectral density dual spaced neutron gamma ray dated 5/20/12. 0 Pressure increase on well bore. Shut well in for frac. RD wire line. SDFN	8.50	temptwilliams
1	11/19/2015 06:00			PULL BUMPER SPRING, HAD TO HIT HARD SEVERAL TIMES TO GET LOOSE		50379
7	11/21/2015 06:00	2.56	Well shut in.	Finished laying Rockwater lay flat water line and fill frac tanks. MIRU Nasco FBE, Cutters WL and HES frac equipment. Waiting on completion. (Est. frac date 11-21-15)	24.00	seiffert.contractor
8	11/22/2015 06:00	3.56	Prep to frac 2 stage sand frac.	Prime up and attempt to test HES lines to 9,500 psi. HES discharge manifold would not test (crack in weld). RD manifold and wait 3 hrs for new manifold. RU HES manifold and prep to start frac in morning.	24.00	seiffert.contractor
9	11/23/2015 06:00	4.13	Prep to frac 2 stage sand frac.	Prime up and test HES lines to 9,500 psi. Good test. Frac stage #1. Plug, perf and frac stage #2. Set kill plug at 7,000'. Bleed pressure off and SIW. RDMO Nasco FBE, Cutters ELU and HES frac equipment. Turn well over to production group for drill out.	13.50	seiffert.contractor
10	11/24/2015 06:00	4.69	MIRU Basin # 3	11/23/2015: Spot in equipment. MIRU, RIH w/ 3 5/8 mill and POB 1.81 - F nipple 222 Jts Tag @ 7006'. RU swivel ,Get circulation, Pressure test Bop's to 4000# Good test. Drill out Kill plug in 10 mins, Turn well over to flow back. Drain pump and lines.SDFN	13.50	tempmcclure
11	11/25/2015 06:00	5.21	RIH w/ tbg	11/24/2015: RIH w/ tbg , Tag frac plug @ 9134' Drill out in 15 min's. RIH w/ tbg and tag fill @ 9322' Clean out to 15k plug @ 9455' Roll hole clean LD 17 jts Land well w/ EOT @ 8938' ND bops NU well head Tbg is shut in, casing is Turn over to Weatherford flow back. RDMO,	12.50	tempmcclure
12	12/2/2015 06:00	5.21		CONTRACT WORK		50379
13	12/3/2015 06:00	5.21		33 RUN SWAB BACK 495		50379
14	12/4/2015 06:00	5.21		38 RUNS SWAB BACK 552 BBLS		50379
15	12/5/2015 06:00	5.21		42 RUNS SWAB BACK 531 BBLS		50379
16	12/6/2015 06:00	5.21		39 RUNS SWAB BACK 602 BBLS		50379
17	12/7/2015 06:00	5.21		41 RUNS SWAB BACK 614 BBLS		50379
18	12/8/2015 06:00	5.21		37 RUNS SWAB BACK 425 BBLS		50379

Sundry Number: 68469 API Well Number: 4304715145000

QEP ENERGY

Perforations

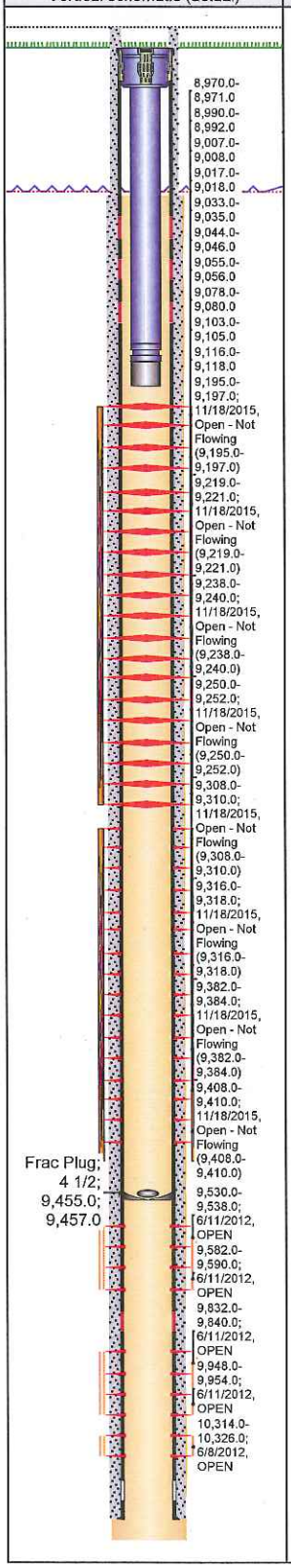
Well Name: RW 32-17C

API	Surface Legal Location	Field Name	County	State	Well Configuration Type
43-047-15145	S17-T7S-R24E	RED WASH	UINTAH	UTAH	S-Well

Unique Well ID	Gr Elev (ft)	Current Elevation	KB to CF (ft)	Spud Date	Dry Hole TD Date	Total Depth (All) (ft, KB)
UT102469	5,698.9	5,712.90, <elvothernote>	14.00	3/29/1952 20:30	5/27/1952 12:00	ORIGINAL HOLE - 10,681.0

S-Well - ORIGINAL HOLE, 12/21/2015 1:30:02 PM

Vertical schematic (actual) | Zone (Completion Interval)



Perforations

Date	Linked Zone	Top Depth (ft, KB)	Bottom Depth (ft, KB)
11/22/2015	MESAVERDE, ORIGINAL HOLE	8,970	8,971

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)
				1,900	1,900

Reference Log

Calculated Shot Total: 4

Perforation Statuses

Date	Status	Com

Date	Linked Zone	Top Depth (ft, KB)	Bottom Depth (ft, KB)
11/22/2015	MESAVERDE, ORIGINAL HOLE	8,990	8,992

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)
				1,900	1,900

Reference Log

Calculated Shot Total: 7

Perforation Statuses

Date	Status	Com

Date	Linked Zone	Top Depth (ft, KB)	Bottom Depth (ft, KB)
11/22/2015	MESAVERDE, ORIGINAL HOLE	9,007	9,008

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)
				1,900	1,900

Reference Log

Calculated Shot Total: 4

Perforation Statuses

Date	Status	Com

Date	Linked Zone	Top Depth (ft, KB)	Bottom Depth (ft, KB)
11/22/2015	MESAVERDE, ORIGINAL HOLE	9,017	9,018

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)
				1,900	1,900

Reference Log

Calculated Shot Total: 4

QEP ENERGY

Perforations

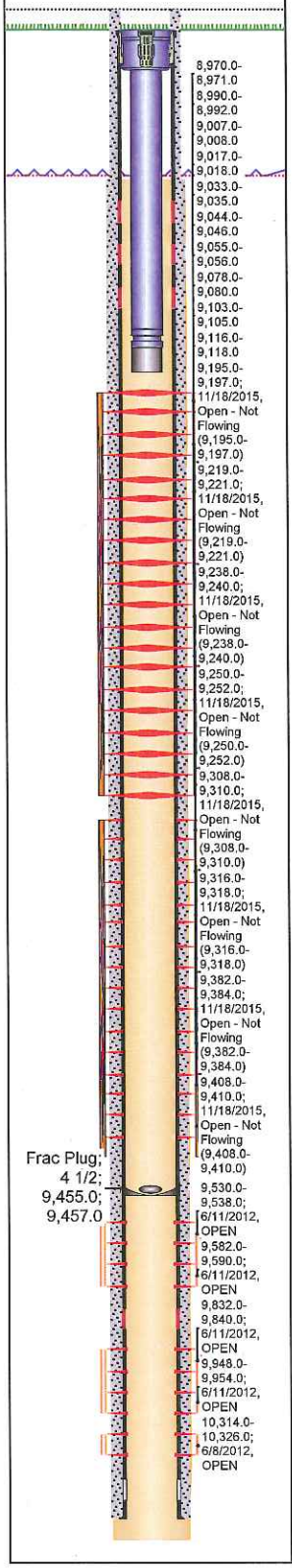
Well Name: RW 32-17C

API	Surface Legal Location	Field Name	County	State	Well Configuration Type
43-047-15145	S17-T7S-R24E	RED WASH	UINTAH	UTAH	S-Well

Unique Well ID	Gr Elev (ft)	Current Elevation	KB to CF (ft)	Spud Date	Dry Hole TD Date	Total Depth (All) (ft, KB)
UT102469	5,698.9	5,712.90, <elvothernote>	14.00	3/29/1952 20:30	5/27/1952 12:00	ORIGINAL HOLE - 10,681.0

S-Well - ORIGINAL HOLE, 12/21/2015 1:30:02 PM

Vertical schematic (actual) | Zone (Completion Interval)



Perforation Statuses

Date	Status	Com

Date	Linked Zone	Top Depth (ft, KB)	Bottom Depth (ft, KB)
11/22/2015	MESAVERDE, ORIGINAL HOLE	9,033	9,035

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)
				1,900	1,900

Reference Log

Calculated Shot Total: 7

Perforation Statuses

Date	Status	Com

Date	Linked Zone	Top Depth (ft, KB)	Bottom Depth (ft, KB)
11/22/2015	MESAVERDE, ORIGINAL HOLE	9,044	9,046

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)
				1,900	1,900

Reference Log

Calculated Shot Total: 7

Perforation Statuses

Date	Status	Com

Date	Linked Zone	Top Depth (ft, KB)	Bottom Depth (ft, KB)
11/22/2015	MESAVERDE, ORIGINAL HOLE	9,055	9,056

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)
				1,900	1,900

Reference Log

Calculated Shot Total: 4

Perforation Statuses

Date	Status	Com

Date	Linked Zone	Top Depth (ft, KB)	Bottom Depth (ft, KB)
11/22/2015	MESAVERDE, ORIGINAL HOLE	9,078	9,080

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)
				1,900	1,900

Reference Log

Calculated Shot Total: 7

QEP ENERGY

Perforations

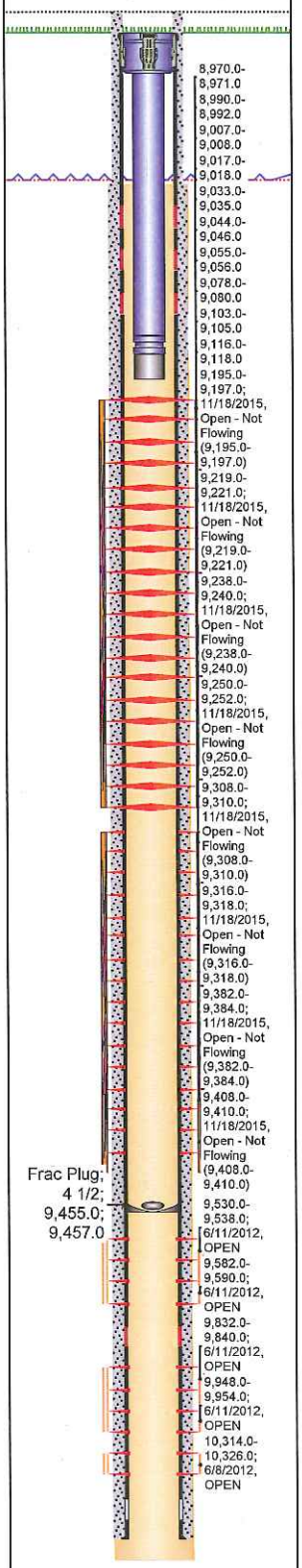
Well Name: RW 32-17C

API	Surface Legal Location	Field Name	County	State	Well Configuration Type
43-047-15145	S17-T7S-R24E	RED WASH	UINTAH	UTAH	S-Well

Unique Well ID	Gr Elev (ft)	Current Elevation	KB to CF (ft)	Spud Date	Dry Hole TD Date	Total Depth (All) (ft, KB)
UT102469	5,698.9	5,712.90, <elvothernote>	14.00	3/29/1952 20:30	5/27/1952 12:00	ORIGINAL HOLE - 10,681.0

S-Well - ORIGINAL HOLE, 12/21/2015 1:30:03 PM

Vertical schematic (actual) | Zone (Completion Interval)



Perforation Statuses

Date	Status	Com

Date	Linked Zone	Top Depth (ft, KB)	Bottom Depth (ft, KB)
11/22/2015	MESAVERDE, ORIGINAL HOLE	9,103	9,105

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)
				1,900	1,900

Reference Log

Calculated Shot Total: 7

Perforation Statuses

Date	Status	Com

Date	Linked Zone	Top Depth (ft, KB)	Bottom Depth (ft, KB)
11/22/2015	MESAVERDE, ORIGINAL HOLE	9,116	9,118

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)
				1,900	1,900

Reference Log

Calculated Shot Total: 7

Perforation Statuses

Date	Status	Com

Date	Linked Zone	Top Depth (ft, KB)	Bottom Depth (ft, KB)
11/18/2015	MESAVERDE, ORIGINAL HOLE	9,195	9,197

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make
Cutter wire line		3 1/8	

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		120

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log: GAUGE RING, CBL/VDL/GR LOG, 0.0-10,659.0ft, KB

Calculated Shot Total: 7

Perforation Statuses

Date	Status	Com
11/18/2015	Open - Not Flowing	

QEP ENERGY

Perforations

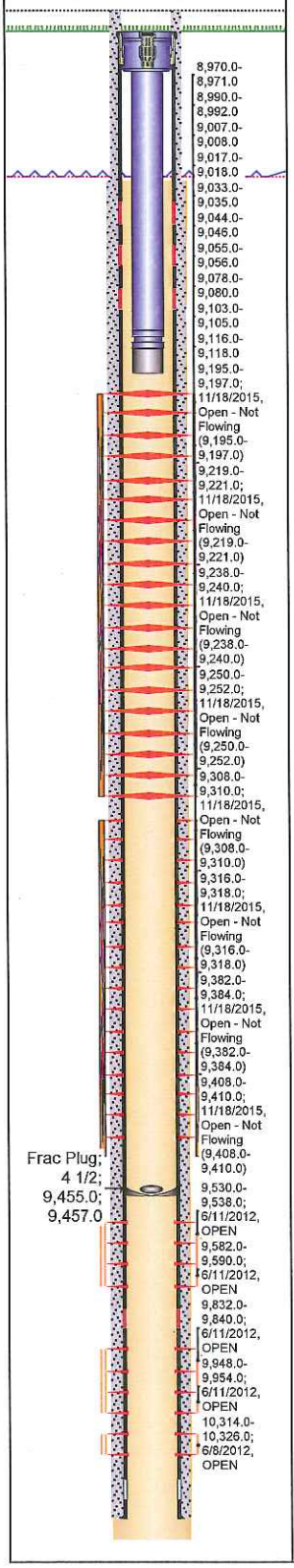
Well Name: RW 32-17C

API	Surface Legal Location	Field Name	County	State	Well Configuration Type
43-047-15145	S17-T7S-R24E	RED WASH	UINTAH	UTAH	S-Well

Unique Well ID	Gr Elev (ft)	Current Elevation	KB to CF (ft)	Spud Date	Dry Hole TD Date	Total Depth (All) (ft, KB)
UT102469	5,698.9	5,712.90, <elvothernote>	14.00	3/29/1952 20:30	5/27/1952 12:00	ORIGINAL HOLE - 10,681.0

S-Well - ORIGINAL HOLE, 12/21/2015 1:30:03 PM

Vertical schematic (actual) | Zone (Completion Interval)



Perforations

Date	Linked Zone	Top Depth (ft, KB)	Bottom Depth (ft, KB)
11/18/2015	MESAVERDE, ORIGINAL HOLE	9,219	9,221

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make
Cutters wire line		3 1/8	

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		120

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log: GAUGE RING, CBL/VDL/GR LOG, 0.0-10,659.0ft, KB

Calculated Shot Total: 7

Perforation Statuses

Date	Status	Com
11/18/2015	Open - Not Flowing	

Date	Linked Zone	Top Depth (ft, KB)	Bottom Depth (ft, KB)
11/18/2015	MESAVERDE, ORIGINAL HOLE	9,238	9,240

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make
Cutters wire line		3 1/8	

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		120

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log: GAUGE RING, CBL/VDL/GR LOG, 0.0-10,659.0ft, KB

Calculated Shot Total: 7

Perforation Statuses

Date	Status	Com
11/18/2015	Open - Not Flowing	

Date	Linked Zone	Top Depth (ft, KB)	Bottom Depth (ft, KB)
11/18/2015	MESAVERDE, ORIGINAL HOLE	9,250	9,252

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make
Cutters wire line		3 1/8	

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		120

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log: GAUGE RING, CBL/VDL/GR LOG, 0.0-10,659.0ft, KB

Calculated Shot Total: 7

Perforation Statuses

Date	Status	Com
11/18/2015	Open - Not Flowing	

QEP ENERGY

Perforations

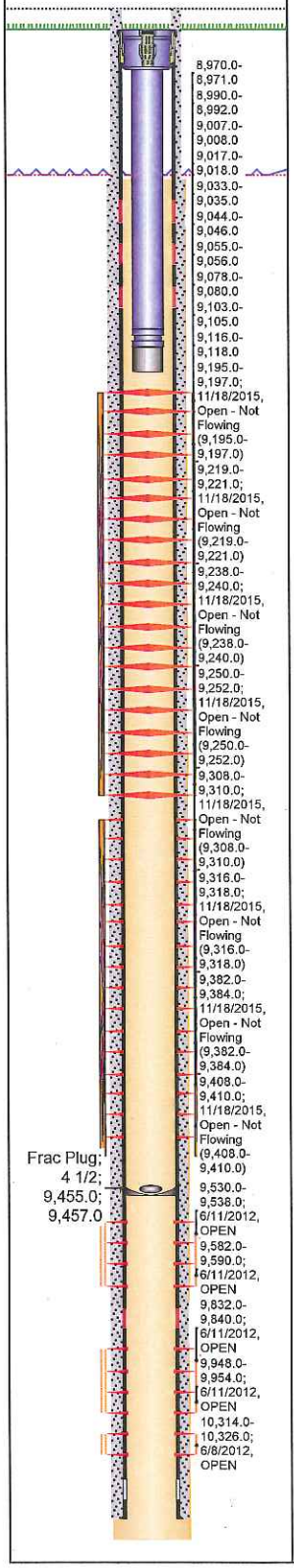
Well Name: RW 32-17C

API	Surface Legal Location	Field Name	County	State	Well Configuration Type
43-047-15145	S17-T7S-R24E	RED WASH	UINTAH	UTAH	S-Well

Unique Well ID	Gr Elev (ft)	Current Elevation	KB to CF (ft)	Spud Date	Dry Hole TD Date	Total Depth (All) (ft, KB)
UT102469	5,698.9	5,712.90, <elvothernote>	14.00	3/29/1952 20:30	5/27/1952 12:00	ORIGINAL HOLE - 10,681.0

S-Well - ORIGINAL HOLE, 12/21/2015 1:30:03 PM

Vertical schematic (actual) | Zone (Completion Interval)



Perforations

Date	Linked Zone	Top Depth (ft, KB)	Bottom Depth (ft, KB)
11/18/2015	MESAVERDE, ORIGINAL HOLE	9,308	9,310

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make
Cutters wire line		3 1/8	

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		120

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log: GAUGE RING, CBL/VDL/GR LOG, 0.0-10,659.0ft, KB

Calculated Shot Total: 7

Perforation Statuses

Date	Status	Com
11/18/2015	Open - Not Flowing	

Date	Linked Zone	Top Depth (ft, KB)	Bottom Depth (ft, KB)
11/18/2015	MESAVERDE, ORIGINAL HOLE	9,316	9,318

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make
Cutters wire line		3 1/8	

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		120

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log: GAUGE RING, CBL/VDL/GR LOG, 0.0-10,659.0ft, KB

Calculated Shot Total: 7

Perforation Statuses

Date	Status	Com
11/18/2015	Open - Not Flowing	

Date	Linked Zone	Top Depth (ft, KB)	Bottom Depth (ft, KB)
11/18/2015	MESAVERDE, ORIGINAL HOLE	9,382	9,384

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make
Cutters wire line		3 1/8	

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		120

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log: GAUGE RING, CBL/VDL/GR LOG, 0.0-10,659.0ft, KB

Calculated Shot Total: 7

Perforation Statuses

Date	Status	Com
11/18/2015	Open - Not Flowing	

QEP ENERGY

Perforations

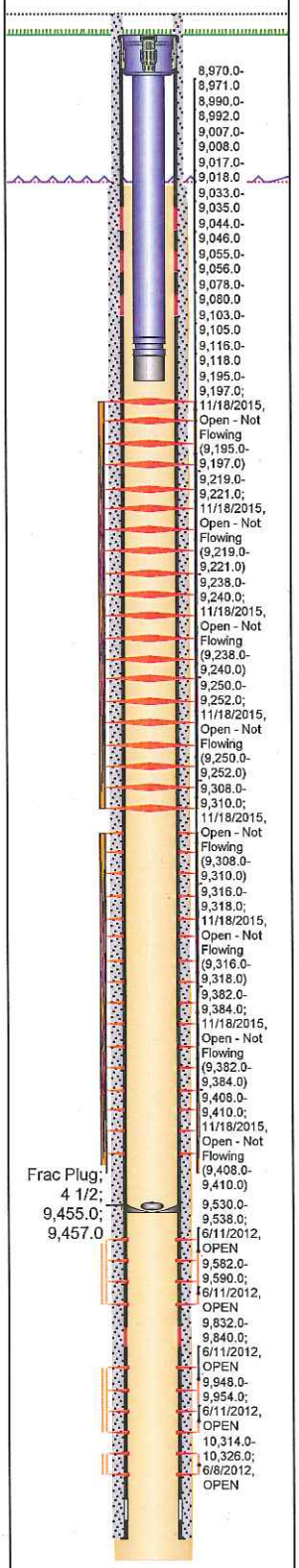
Well Name: RW 32-17C

API	Surface Legal Location	Field Name	County	State	Well Configuration Type
43-047-15145	S17-T7S-R24E	RED WASH	UINTAH	UTAH	S-Well

Unique Well ID	Gr Elev (ft)	Current Elevation	KB to CF (ft)	Spud Date	Dry Hole TD Date	Total Depth (All) (ft, KB)
UT102469	5,698.9	5,712.90, <elvothernote>	14.00	3/29/1952 20:30	5/27/1952 12:00	ORIGINAL HOLE - 10,681.0

S-Well - ORIGINAL HOLE, 12/21/2015 1:30:03 PM

Vertical schematic (actual) | Zone (Completion Interval)



Perforations

Date	Linked Zone	Top Depth (ft, KB)	Bottom Depth (ft, KB)
11/18/2015	MESAVERDE, ORIGINAL HOLE	9,408	9,410

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make
Cutters wire line		3 1/8	

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		120

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)

Reference Log: GAUGE RING, CBL/VDL/GR LOG, 0.0-10,659.0ft, KB

Calculated Shot Total: 7

Perforation Statuses

Date	Status	Com
11/18/2015	Open - Not Flowing	

Date	Linked Zone	Top Depth (ft, KB)	Bottom Depth (ft, KB)
6/11/2012		9,530	9,538

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make
LONE WOLF WL		0.0	

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		120

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)
	0.0	0		0	0

Reference Log

Calculated Shot Total: 25

Perforation Statuses

Date	Status	Com
6/11/2012	OPEN	

Date	Linked Zone	Top Depth (ft, KB)	Bottom Depth (ft, KB)
6/11/2012		9,582	9,590

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make
LONE WOLF WL		0.0	

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		120

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)
	0.0	0		0	0

Reference Log

Calculated Shot Total: 25

Perforation Statuses

Date	Status	Com
6/11/2012	OPEN	

Date	Linked Zone	Top Depth (ft, KB)	Bottom Depth (ft, KB)
6/11/2012		9,832	9,840

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make
LONE WOLF WL		0.0	

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		120

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)
	0.0	0		0	0

Reference Log

Calculated Shot Total: 25

QEP ENERGY

Perforations

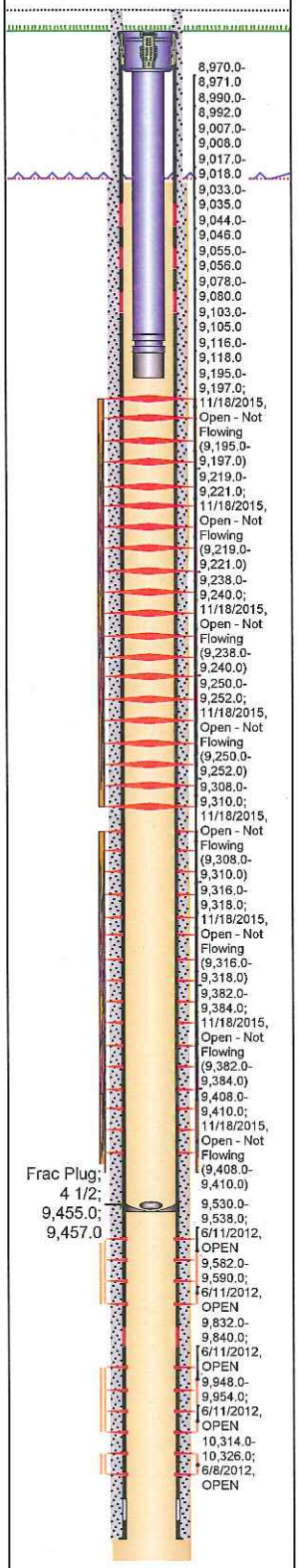
Well Name: RW 32-17C

API	Surface Legal Location	Field Name	County	State	Well Configuration Type
43-047-15145	S17-T7S-R24E	RED WASH	UINTAH	UTAH	S-Well

Unique Well ID	Gr Elev (ft)	Current Elevation	KB to CF (ft)	Spud Date	Dry Hole TD Date	Total Depth (All) (ft, KB)
UT102469	5,698.9	5,712.90, <elvothernote>	14.00	3/29/1952 20:30	5/27/1952 12:00	ORIGINAL HOLE - 10,681.0

S-Well - ORIGINAL HOLE, 12/21/2015 1:30:03 PM

Vertical schematic (actual) | Zone (Completion Interval)



Perforation Statuses

Date	Status	Com
6/11/2012	OPEN	

Date	Linked Zone	Top Depth (ft, KB)	Bottom Depth (ft, KB)
6/11/2012		9,948	9,954

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make
LONE WOLF WL		0.0	

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		120

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)
	0.0	0		0	0

Reference Log

Calculated Shot Total
19

Perforation Statuses

Date	Status	Com
6/11/2012	OPEN	

Date	Linked Zone	Top Depth (ft, KB)	Bottom Depth (ft, KB)
6/8/2012		10,314	10,326

Perforation Company	Conveyance Method	Gun Size (in)	Carrier Make
LONE WOLF WL		0.0	

Shot Density (shots/ft)	Charge Type	Phasing (°)
3.0		120

Orientation	Orientation Method

Over/Under Balanced	P Over/Under (psi)	FL MD Before (ft, KB)	FL MD After (ft, KB)	P Surf Init (psi)	P Final Surf (psi)
	0.0	0		0	0

Reference Log

Calculated Shot Total
37

Perforation Statuses

Date	Status	Com
6/8/2012	OPEN	