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

Checked by Chief PMB
Copy N I D to Field Office
Approval Letter
Disapproval Letter

COMPLETION DATA:

Date Well Completed 2-2-63
OW ✓ WW ___ TA ___
GW ___ OS ___ PA ___

Location Inspected
Bond released
State of Fee Land

LOGS FILED

Driller's Log 4-12-63
Electric Logs (No.) 5
E ___ I ___ E-I ✓ GR ___ GR-N ___ Micro ✓
Lat ___ Mi-L ___ Sonic ___ Others Perforating Depth Control
Cement Bond Log
Casing Collar Log
Perforating record

L C- R

Form 9-331a
(Feb. 1951)

Copy H.L.C.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Form Approved.

Land Office Salt Lake City
Lease No. U-081
Unit Red Wash

	X	
	14	T 7 S
R 23 E		

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 RE-DRILLING 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)

Vernal, Utah December 5, 1962

Well No. (41-14B) 185 is located 747 ft. from {N} line and 660 ft. from {E} line of sec. 14

NE 1/4 NE 1/4 14 (¼ Sec. and Sec. No.) 7S (Twp.) 23E (Range) SLBM (Meridian)

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

The elevation of the Kelly Bushing above sea level is 5408 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 well for oil or gas to be completed in the Lower Green River formation.

10-3/4" casing to be cemented at ± 220'.
7" casing to be cemented below the lowermost productive interval with sufficient cement to reach 4000'.

Top Green River - 2800'
"B" Point - 4600'
"K" Point - 5225'

Subject well is a substitution in our Second Half 1962 Plan of Development

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

Company California Oil Company, Western Division

Address P. O. Box 455
Vernal, Utah

By R. W. PATTERSON by [illegible]

Title Field Superintendent

USGS, SLC-3; CMCCC, SLC-1; Gulf, Denver-1; Caulkins-1; SLC-1; File-1

GPO 914974

Copy H. L. G.

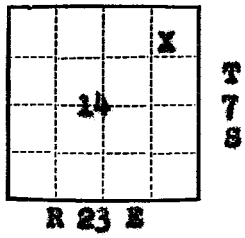
Form 9-331a
(Feb. 1951)

Budget Bureau No. 42-R358.4.
Form Approved.

Land Office Salt Lake City
Lease No. U-081
Unit Red Wash

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



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 RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	X	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

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

Vernal, Utah July 9, 1963

Well No. 185 (41-14B) is located 747 ft. from {N} line and 660 ft. from {E} line of sec. 14

NE 1/4 NE 1/4 14 — (¼ Sec. and Sec. No.)
7S — (Twp.)
23E — (Range)
SLBM — (Meridian)

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

The elevation of the Kelly Bushing above sea level is 5408 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 shut-off water as follows:

1. Squeeze slots 4848 and 4841' (I_{Bg}) with 100 sacks Latex cement. These slots determined to be water productive by a "water witch" survey run June 16, 1963.
2. Re-notch and Thermoil any other presently exposed intervals squeezed due to poor isolating blanks.
3. Drill out to 5620' (PBTD) and return well to production.

Present Production: 103 BOPD, 218 BWPD, 77 MCFPD.

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

Company California Oil Company, Western Division

Address P. O. Box 455

Vernal, Utah

Original Signed by
R. W. PATTERSON

By R. W. PATTERSON

Title Field Superintendent

USGS, SLC-3; OMCCC, SLC-1; Gulf, Okla.City-1; Gulf, Casper-1; Caulkins-1; Humble-1; RLG-1; File-1

GPO 914974

Form 9-331a
(Feb. 1951)

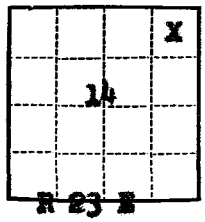
Copy H.L.C.

Budget Bureau No. 42-R358.4.
Form Approved.

Land Office: Salt Lake City
Lease No.: U-081
Unit: Red Wash

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



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	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 RE-DRILLING 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)

Vernal, Utah August 15, 1963

Well No. 185 (41-14B) is located 747 ft. from {N/S} line and 660 ft. from {E/W} line of sec. 14

NE 1/4 NE 1/4 14 — (¼ Sec. and Sec. No.)
78 — (Twp.)
23E — (Range)
SLBM — (Meridian)

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

The elevation of the ~~derrick floor~~ above sea level is 5408 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)

The following work was performed to exclude water entry;
1. Squeezed slots 4841, 4848, 4868 and 4876' with 100 sacks Latex cement.
2. Drilled out to 5620' (PBTD).
3. Abrasijetted 3 - 60° slots at 4875 and 4867'.
4. Thermoiled slots 4875 and 4867'.
5. Returned well to production.

Production: Before - 103 BOPD, 218 BWPD, 77 MCFD.
After - 187 BOPD, 6BWPD, 33 MCFD

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

Company: California Oil Company, Western Division

Address: P. O. Box 455
Vernal, Utah

By: R. W. Patterson
R. W. Patterson

Title: Field Superintendent

USGS, SLC-3; OMGCC, SLC-1; Gulf, Okla. City-1; Gulf, Casper-1; Caulkins-1; Humble-1; EMK-1; File-1

GPO 914974

WELL NO. 185 (41-14B) PROPERTY: Section 14 RED WASH FIELD

HISTORY OF OIL OR GAS WELL

Signal Drilling and Exploration Inc. moved in and rigged up. Spudded at 7:00 P. M. December 15, 1962. Drilled 15" hole to 240'. Set 10-3/4" casing at 234' with 175 sacks regular cement. WOC 12 hrs.

December 17, 1962 - December 28, 1962
Drilled 9" hole to 5660'.

December 29, 1962
Ran Schlumberger IES and Micro-Logs. Ran DST #1 and #2.
DST #1 (5580 - 5600) 60 minute test. NGTS. Rec. 50' water

Pressures:	IH	ISI	IF	FF	FSI	FH
	2840	2112	27	40	1860	2840

DST #2 (5398-5422) 60 minute test. NGTS. Rec. 1195' water.

Pressures:	IH	ISI	IF	FF	FSI	FH
	2775	2020	150	555	1910	2775

December 30, 1962
Ran DST #3A and 4.
DST #3A (5260 - 5288) Miss run.
DST #4 (4836 - 4880) 45 minute test. NGTS. Rec. 440' oil and 265' water.

Pressures:	IH	ISI	IF	FF	FSI	FH
	2480	1500	162	261	1410	2480

December 31, 1962
Ran DST #3B. Started laying down D.P.
DST #3B (5267 - 5292). Miss run.

January 1, 1963
Cemented in place 7" casing at 5660' with 500 sacks neat cement.

January 2, 1963
Tagged float collar at 5620'. Landed TBG on BWH. Released rig at 5:30 A. M.

January 21, 1963
Moved in R&R work over rig to complete well.

January 22, 1963
Ran Schlumberger Gamma Collar and Cement Bond Logs. Set BP at 5210'.

January 23, 1963
Abrasiperfed 3-60° slots at 5187' and 5180'. Sand-Oil fraced slots 5187' and 5180' down 7" casing with 10,000 Gal. #5 BF/Rc containing 12,000# 20-40 sand, 0.05#/gal. Adomite. Ave. rate 29.8 BPM at 2900 psi.

January 24, 1963
Abrasiperfed 3-60° slots at 4997, 4981, 4962 and 4942. Cleaned out to 5010'.

January 25, 1963
Sand-Oil fraced slots 4997, 4981, 4962 and 4942 down 7" casing with 20,000 gal. BF #5/RC containing 24,000# 20-40 sand, 500#L.T. moth balls and .05#/gal. Adomite. Avg. rate - 33.5 BPM with 2350 psi.

WELL NO. 185 (41-14B) PROPERTY: Section 14 RED WASH FIELD

January 26, 1963
Abrasiperfed 3-60° slots at 4876', 4868', 4848' and 4841'.

January 27, 1963
Sand-Oil fraced slots at 4876', 4868', 4848' and 4841', down 7" casing with 20,000 gal. BF #5 containing 24,000# 20-40 sand, 500# L.T. mothballs and .05#/gal. Adomite. Avg. rate - 39.7 BPM at 2100 psi.

January 28, 1963
McCullough set Halco AM MG BP at 4385'. Perforated at 4370' with 4-way Squeeze Jet. Set MG Retainer at 4355'.

January 29, 1963
Stabbed into Retainer at 4355'. Squeezed perf 4370 with 200 sacks regular cement in two stages.

January 30, 1963
WOC.

January 31, 1963
RIH with 6-1/8" Mln Bit. Drilled out MG BP at 4355' and hard cement to 4365'.

February 1, 1963
Abrasijeted 3-60° slots at 4351'. Acidized slots with 250 gal. acid. Abrasijetted 3-60° slots at 4343' and 4335'. Cleaned out to 4365'. Sand-Oil fraced slots 4351, 4343, and 4335 down 7" casing with 15,000 gal. BF #5/RC containing 18,000# 20-40 sand and .05#/gal. Adomite. Ave. rate - 37 BPM at 2150 psi.

February 2, 1963
Ran 6-1/8" Bit and TBG. Cleaned out 40' sand to 4365'. Drilled out hard cement to 4385' and MG BP at 4385'. Circulated well clean.

February 3, 1963
Ran production tubing. Ran pump and rods. Hung well on. Released rig.

Budget Bureau No. 42-R356.5.
Approval expires 12-31-60.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City
LEASE NUMBER
UNIT Red Wash

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Uintah *Field* Red Wash

The following is a correct report of operations and production (including drilling and producing wells) for the month of December, *19* 63,

Agent's address P. O. Box 455 *Company* California Oil Co., Western Div.
Vernal, Utah *Signed* R. W. PATTERSON
Phone 789-2442 *Agent's title* Field Superintendent

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	Remarks (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NE NE 14	7S	23E	41-14B (185)							

Present Conditions
Depth: 5660' PBTD: 5620'
Casing: 10-3/4", J-55, 40.5#, cmtd at 233' (175 sacks)

Operations Conducted
Moved in Signal Drilling & Exploration, Inc. Spudded at 7:00 P.M. 12-15-62. Drilled 15" hole to 240'. Cemented 10-3/4" casing at 233' with 175 sacks regular cement. Drld 9" hole to 5660'. Ran Schlumberger IES & Micro logs. Ran DST #1, 2, 3A, 4 and 3B as detailed: DST #1 (5580-5600) 60 min test. NGTS. Rec 50' water. Pressures: IH 2840, ISI 2112, IF 27, FF 40, FSI 1860, FH 2840. DST #2 (5398-5422) 60 min test. NGTS. Rec 1095' water. Pressures: IH 2775, ISI 2020, IF 150, FF 555, FSI 1910, FH 2775. DST #3A (5260-5288) Misrun. DST #4 (4836-4880) 45 min test. NGTS. Rec 440' oil, 265' water. Pressures: IH 2480, ISI 1500, IF 162, FF 261, FSI 1410, FH 2480. DST #3A (5267-5292) Misrun.

SW SW 21	7S	23E	14-21B (182)							

Present Conditions
Depth: 5790' PBTD: 5745'
Casing: 10-3/4", 40.5#, J-55 cmtd at 230' with 180 sacks.

Operations Conducted
Moved in Kerr-McGee Drilling Inc. rig #23. Spudded at 12:00 noon, 12-3-62. Drilled 15" hole to 235'. Cemented 10-3/4" casing at 230' with 180 sacks regular cement. Drld 9" hole to 5583'. Cut Core #1 (5583-5671) Cut and recovered 88'. Core #2 (5671-5729') Cut and recovered 88'. Ran Schlumberger IES and Micro logs. Ran DST #1, 2 & 3 as detailed: DST #1 (5663-5679) 60 min test. NGTS. Rec. 60' mud and 365' water. Pressures: IH 2652, ISI 2020, IF 62, FF 189, FSI 1860, FH 2652. DST #2 (5283-5299) 60 min. NGTS. Rec 30' oil, 548' water. Pressures: IH 2560, ISI 1775, IF 75, FF 300, FSI 1665, FH 2560. DST #3 (5240-5256) 60 min test. NGTS. Rec 2' oil, 120' water. Pressures: IH 2508, ISI 1909, IF 20, FF 70, FSI 1675, FH 2508. DST #4 (5161-5181) 45 min test. NGTS. Rec 45' mud, 1367'

NOTE.—There were ..... runs or sales of oil; ..... M cu. ft. of gas sold; ..... runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Budget Bureau No. 42-R356.5.
Approval expires 12-31-60.

Salt Lake City

Red Wash

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LESSEE'S MONTHLY REPORT OF OPERATIONS

Utah — County: Uintah — Field: Red Wash

The following is a correct report of operations and production (including drilling and producing wells) for the month of January, 19 63

Agent's address: P. O. Box 455, Vernal, Utah, 789-2442

Company: California Oil Co., Western Div.

Signed: R. W. PATTERSON

Agent's title: Field Superintendent

Sec. and Twp.	Range	Well No.	Days Prod.	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)

Red Wash 185-(41-14B)

Moth balls and .05#/gal Adomite. Avg rate 35.5 BPM with 2350 psi, ISI 1750 psi. Annulus jetted 3 - 60° slots at 4876, 4868, 4848 and 4841'. Sand-oil fraced slots 4876, 4868, 4848 and 4841' down 7" casing with 20,000 gal #5 BF containing 24,000# 20-40 sand, 500# LT Moth balls and .05#/gal Adomite. Avg rate 39.7 BPM with 2100 psi, ISI 1800 psi. Set MG BP at 4385'. Perforated 4370' with McCullough 4 way squeeze jet. Set Mg retainer at 4355'. Excluded perfs with 200 sacks reg cement at 2 stages. Drilled out BP at 4355'. Drilled out hard cement to 4365'.

SW NE 21 7S 23E 102 (14-21B)

Present Condition — PBTD: 5745'
Depth: 5790'
Casing: 10-3/4", 40.5#, J55 cmtd at 230' with 180 sacks.
7", 23#, J 55 cmtd at 5709 and 5840' with 400 sacks.

Operations Conducted: None

SW NE 30 7S 23E 106 (12-30B)

Present Conditions
Depth: 5839'
Casing: 10-3/4", 40.5#, J55, cmtd at 231' with 175 sacks.

Operations Conducted
Drilled 9" hole to 5839'. Ran Schlumberger IES and Micro logs. Ran DST #1 - 5218-5234' - 60 min test. NGTS. Rec 170' water. Pressures: IH 2675, ISIP 1911, IF 64, FF 128, FSI 1657, FH 2675. DST #2 - 5179-5211' - 60 min test. NGTS. Rec 725' water. Pressures: IH 2603, ISI 1847, IF 85, FF 319, FSI 1720, FH 2603. DST #3 - 5133-5170' - 60 min test. NGTS. Rec 1' oil, 211' mud, 90' water. Pressures: IH 2632, ISI 1869, IF 149, FF 149, FSI 1508, FH 2632. DST #4 - 5051-5083' - 60 min test. NGTS. Rec 720' water. Pressures: IH 2611, ISI 1847, IF 128, FF 340, FSI 1720, FH 2611. DST #5 (5803-5843') 60 min test.

M cu. ft. of gas sold,

Number of sales of oil:

NOTE.—There were no runs or sales of oil; no M cu. ft. of gas sold, and no runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

16—25706-8 U. S. GOVERNMENT PRINTING OFFICE

Budget Bureau No. 42-R356.5.
Approval expires 12-31-60.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City
LEASE NUMBER
UNIT Red Wash

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Red Wash

The following is a correct report of operations and production (including drilling and producing wells) for the month of January, 1963,

Agent's address P. O. Box 455
Vernal, Utah
Phone 789-2442

Company California Oil Co., Western Div.
Signed R. W. PATTERSON
Agent's title Field Superintendent

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	Remarks (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SE NE 13	7S	23E	178	(22-13B)						

Present Condition
Depth: 5713' PBTD: 5679'
Casing: 10-3/4", 40.5#, J-55 cmtd at 199' with 180 sacks
7", 23#, J-55 cmtd at 5713' with 400 sacks

Operations Conducted
Sand-oil fraced slots at 5270 and 5271' down 2-1/2" tubing with 8000 gal BF #5 containing 7000# 20-40 sand, 600# 12-16 aluminum pellets and .05#/gal Adomite. Avg rate 8.1 BPM with 4900 psi, ISI 1900 psi. Abrasijeted 3 - 60° slots at 5093, 5071'. Sand-oil fraced slots 5093 and 5071' down 7" casing with 10,000 gal #5 BF containing 10,500# 20-40 sand, 600# 12-16 aluminum pellets and .05#/gal Adomite. Avg rate 28.7 BPM with 2500 psi, ISI 2050 psi. Drilled out Mag. BP at 5290'. Ran Production String, rods and pump. Released rig 1-6-63.

NE NE 14	7S	23E	185	(41-14B)						

Present Condition
Depth: 5660' PBTD: 5620'
Casing: 10-3/4", J-55, 40.5# cmtd at 233' with 175 sacks.
7", 23#, J-55 cmtd at 5660' with 500 sacks.

Operations Conducted
Cemented 7" casing at 5660', cmtd with 115 sacks, 385 sacks through DV collar at 5059.15'. Drilled out DV collar at 5059'. Tagged float at 5620'. Landed tubing. Rig released at 5:30 A.M. 1-2-63. Moved in R&R workover rig to complete well 1-21-63. Ran Schlumberger Gamma-Collar and Cement Bond Logs. Abrasperfed 3 - 60° slots at 5187 and 5180'. Sand-oil fraced slots 5187 and 5180' down 7" casing with 10,000 gal #5 BF containing 12,000# 20-40 sand and .05#/gal Adomite, avg rate 29.8 BPM with 2900 psi, ISI 2000 psi. Abrasiperfed 4997, 4981 4962 and 4942'. Sand-oil fraced slots 4997, 4981, 4962 and 4942' down 7" casing with 20,000 gal #5 BF, containing 24,000 # 20-40 sand, 500# L.T.

NOTE.—There were ..... runs or sales of oil; ..... M cu. ft. of gas sold;
..... runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Budget Bureau No. 42-R356.5.
Approval expires 12-31-60.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City
LEASE NUMBER
UNIT Red Wash

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah *County* Uintah *Field* Red Wash

The following is a correct report of operations and production (including drilling and producing wells) for the month of February, 1963,

Agent's address P. O. Box 455
Vernal, Utah
Phone 789-2442

Company California Oil Co., Western Div.
Signed R. W. PATTERSON
Agent's title Field Superintendent

Sec. and ¼ of ¼	Twp.	Range	Well No.	Days Produced	Barrels of Oil	Gravity	Cu. Ft. of Gas (In thousands)	Gallons of Gasoline Recovered	Barrels of Water (If none, so state)	Remarks (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
										DRILLING OPERATIONS
NE NE 14	7S	23E	185 (41-14B)							

Present Conditions
Depth: 5660' PBTD: 5620'
Casing: 10-3/4", J-55, 40.5# cmtd at 234' (175 sacks)
7", 23#, J-55 cmtd at 5660' (500 sacks)

Operations Conducted
Abrasijetted 3 - 60° slots at 4351'. Broke down slots with 250 gal acid. Abrasijetted 3 - 60° slots at 4343, 4335'. Sand-oil fraced slots 4351, 4343 and 4335' down 7" casing with 15,000 gal BF #5/RC containing 18,000# 20-40 sand and .05#/gal Adomite. Avg rate 37 BPM with 2150 psi. Drilled out MG BP at 4385'. Ran production tubing, pump and rods. Released rig 2-3-63.

SW SW 21 7S 23E 182 (14-21B)

Present Conditions
Depth: 5790' PBTD: 5745'
Casing: 10-3/4", 40.5#, J055 cmtd at 230' (180 sacks)
7", 23#, J055 cmtd at 5789 and 5340' with 400 sacks

Operations Conducted:

None.

NOTE.—There were 323,207 bbls runs or sales of oil; 346,383 M cu. ft. of gas sold; 381,085 gallons runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1950)

USGS, SLC-2; O&GCC, SLC-1; Gulf, Okla. City-2; Caulkins-1; RLG-1; File-1

16—25766-8 U. S. GOVERNMENT PRINTING OFFICE

Form 9-330

Form approved.
Budget Bureau No. 42-R355.4.

U. S. LAND OFFICE Salt Lake City
SERIAL NUMBER U-081
LEASE OR PERMIT TO PROSPECT

R23E

T 7 S

14

X

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company California Oil Company Western Division Address Box 455 Vernal, Utah

Lessor or Tract U-081 Field Red Wash State Utah

Well No. (41-14B) 185 Sec. 14 T. 7S R. 23E Meridian SLBM County Uintah

Location 747 ft. {N./S.} of N Line and 660 ft. {E./W.} of E Line of Section 14 Elevation 5408 KB

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 R. W. PATTERSON

Date April 4, 1963 Title Field Superintendent

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

Commenced drilling December 15, 1963 Finished drilling February 3, 1963

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 4330 to 4355 No. 4, from 4940 to 4962

No. 2, from 4838 to 4850 No. 5, from 4975 to 5000

No. 3, from 4865 to 4876 No. 6, from 5175 to 5187

IMPORTANT WATER SANDS

No. 1, from to No. 3, from to

No. 2, from to No. 4, from to

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Notched ~~Perforated~~ From	To	Purpose ~~Perforated~~
10-3/4"	40.5	8 Rnd.	YgnsTn	234'	Beveled Collar		5187	5180	4370'
7"	23	8 Rnd.	CF&I	5660'	Baker Guide		4997	4981	
							4962	4942	
							4876	4868	
							4848	4841	
							4351	4343	&4335

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	233'	175	Displce		
7"	5660'	500	Displace		

FOLD | MARK

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

							4351	4343	&4335

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	233'	175	~~Displce~~		
7"	5660'	500	~~Displace~~		

FOLD | MARK

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

TOOLS USED

Rotary tools were used from 0 feet to 5660 feet, and from ..... feet to ..... feet

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

DATES

March 3, 19 63 Put to producing February 2, 19 63

The production for the first 24 hours was 387 barrels of fluid of which 31 % was oil; ..... % emulsion; 69 % water; and ..... % sediment. Gravity, °Bé. 27

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

Rock pressure, lbs. per sq. in. .....

EMPLOYEES

....., Driller ....., Driller

....., Driller ....., Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2780	2780	Shale & Sand
2780	5660	2880	Sand & Shale
TGR	2780	(+2628)	
G	4364	(+1044)	
H	4605	(+ 803)	
I	4794	(+ 614)	
J	5088	(+ 320)	
K	5217	(+ 191)	
L	5467	(- 59)	

(OVER)

16—43094-5

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
U-081

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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.)

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

7. UNIT AGREEMENT NAME
Red Wash

2. NAME OF OPERATOR
Chevron Oil Company, Western Division

8. FARM OR LEASE NAME

3. ADDRESS OF OPERATOR
P. O. Box 455, Vernal, Utah 84078

9. WELL NO.
Unit #185 (41-14B)

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
747' FNL, 660' FEL, Sec. 14, T7S, R23E, SLBM

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 14, T7S, R23E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
KB 5408

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	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other)			
(Other) Convert to Water Injection	[XX]						

(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 convert subject well to water injection service as follows:

1. Clean out to PBTD and displace with water.

2. Run cement Bond Log. Recement when and as warranted.

3. Cement squeeze perfs 5187 and 5180 (J_E), 4997 & 4981 (I_E), 4962 & 4942 (I_D), 4875 & 4867 (I_{Bb}) and 4351, 4343 & 4335 (Basal F). WOC 24 hours.

4. Selectively test squeezes to 2500 psi. Recement if necessary.

5. Perforate 5570, 5564, 5559, 5554 & 5545 (L_{Aa}), 5510 & 5504 (L_A) and 5459 (K_P) with 5-way tandem jets. Selectively breakdown. Determine injectivity into perfs and selectively frac if necessary.

6. Change out tubing head and hydrotest in with injection string & casing packer.

7. Set packer, install tree and start water injection.

Present production: 34 BOPD, 305 BWPD, 150 MCFD.

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

SIGNED R. W. PATTERSON TITLE Unit Superintendent DATE 12-27-65

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

USGS, SLC-3; OMGCC, SLC-2; Gulf, Okla. City-1; Gulf, Casper-1; Caulkins-1; Humble, Denver-1; File-1

Form 9-331
(May 1963)

[redacted]ED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN T[redacted]ATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

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.)

5. LEASE DESIGNATION AND SERIAL NO.: U-081

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 Oil Company, Western Division

8. FARM OR LEASE NAME:

3. ADDRESS OF OPERATOR: P. O. Box 455, Vernal, Utah

9. WELL NO.: Unit #185 (41-14B)

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 747' FNL, 660' FEL, Sec. 14, T7S, R23E, SLBM

10. FIELD AND POOL, OR WILDCAT:

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 14, T7S, R23E, SLBM

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB 5408

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	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[ ]	(Other) Convert to Water Injector			[X]
(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.) *

The following work was completed on subject well 1-10-66.

1. Cleaned out to PBTD. Reversed hole w/ fresh water.
2. Cement squeezed perfs 5187, 5180 (J_E), 4997, 4981 (I_E), 4962, 4942 (I_D), 4875, 4867 (I_{Bb}), 4351, 4343 and 4335 (Basal F).
3. Drilled out and tested all squeezes. No recementing necessary.
4. Perforated 5570, 5564, 5559, 5545 (L_{Aa}); 5510, 5504 (L_A) and 5459 (K_F) with 5-way tandem jets. Selectively brokedown and acidized all perfs.
5. Changed out tubing head and hydrotested in with injection string and casing packer.
6. Set packer, installed tree and started water injection.

Prior Production: 34 BOPD, 305 BWPD, 150 MCFD
Injection After Job: 3350 BWPD at 1175 psi.

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

SIGNED R. W. PATTERSON TITLE Unit Superintendent DATE 3-21-66

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

USGS, SLC-3; O&GCC, SLC-2; Gulf, Okla. City-1; Gulf, Casper-1; Caulkins-1; Humble, Denver-1; File-

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

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.)

5. LEASE DESIGNATION AND SERIAL NO.: U-031

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL ☐ GAS WELL ☐ OTHER Water Injector

7. UNIT AGREEMENT NAME: Red Wash

2. NAME OF OPERATOR: Chevron Oil Company - Western Division

8. FARM OR LEASE NAME:

3. ADDRESS OF OPERATOR: P. O. Box 455, Vernal, Utah 84078

9. WELL NO.: Unit #185 (41-14B)

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 747' FNL & 660' FEL of Section 14, T7S, R23E, SLBM

10. FIELD AND POOL, OR WILDCAT: Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 14, T7S, R23E, SLBM

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB - 5408'

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	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other)			☐
(Other) Alter Injection Profile			X				

(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 exclude L_p sand and start annulus injection into subject well as follows:

1. Cement squeeze perfs 5504 and 5510' (L_p). WOC 24 hrs. Drill out and test squeeze to 3000 psi. Recement if necessary.

2. Perforate 5456-5464 (R_p) w/ 2 hyperjets/ft.

3. Selectively breakdown and prep to all exposed perfs 5456-5570'. Pressure test all excluded perfs 4335-5187' to 2500 psi. Recement if necessary.

4. RIH with injection string and rig well for selective tubing and annulus injection into all exposed sands.

Current Injection Rate: 1440 BWPD at 1450 psi.

APPROVED BY DIVISION OF OIL & GAS CONSERVATION

DATE 6-28-71

BY Glenn B. Feight

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

SIGNED Original Signed By R. W. PATTERSON — TITLE Unit Superintendent — DATE 6/22/71

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

***See Instructions on Reverse Side**

USGS, SLC-3; DGSC, SLC-2; Gulf, Casper-1; Cardinal-1; Humble, Denver-1; Well File-1

Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other Water Injector

b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☒ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR: Chevron Oil Co., Western Division

3. ADDRESS OF OPERATOR: P. O. Box 455, Vernal, Utah 84078

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 747' FNL and 660' FEL of Sec. 14, T7S, R23E, SLBM
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.: U-081

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: Red Wash

8. FARM OR LEASE NAME:

9. WELL NO.: Unit #185 (41-14B)

10. FIELD AND POOL, OR WILDCAT: Red Wash

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 14, T7S, R23E, SLBM

14. PERMIT NO. | DATE ISSUED

12. COUNTY OR PARISH: Uintah | 13. STATE: Utah

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
7-8-71		7-13-71	KB-~~XX~~ 5408	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
5660	5616		→		

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 5456-5570

25. WAS DIRECTIONAL SURVEY MADE:

26. TYPE ELECTRIC AND OTHER LOGS RUN: Refer to original completion dated 4-4-63

27. WAS WELL CORED:

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
Refer to orig. comp.					

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	5488.59	5488.59

31. PERFORATION RECORD (*Interval, size and number*)
5456-5464 (K_F50) w/2 jets/ft.
5459 (K_F50) w/5 way jets
5545-5570 (L_{C-E}) w/2 jets/ft.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST ~~PRODUCTION~~ Injection: 7-14-71

PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*): Tubing: 1046 BWPD at 2080 psi; Casing: 208 BWPD at 2120 psi

WELL STATUS (*Producing or shut-in*):

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
			→				

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
		→				

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

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

COPY-ORIG. SIGNED BY R. L. SCOTT

SIGNED R. L. SCOTT TITLE Lead Drlg. Eng. DATE 10-8-71

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

USGS, SLC-2; O&GCC, SLC01; Gulf, Okla. City-1; Gulf, Casper-1; Caulkins-1; Humble, Denver-1; Denver-1; RW File-1

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.
If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.
Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.
Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.
Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.
Item 29: *"Sacks Cement":* Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.
Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			Refer to original completion dated 4-4-63

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-683636
837-497

871-233

OCT 18 1971

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

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 MAR 30 1978 DIVISION OF OIL, GAS, & MINING

1. OIL WELL ☐ GAS WELL ☐ OTHER Water Injection

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: 747' FNL & 660' FEL (NE¼ NE¼)

5. LEASE DESIGNATION AND SERIAL NO.: U-081

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: Red Wash

8. FARM OR LEASE NAME:

9. WELL NO.: 185 (41-14B)

10. FIELD AND POOL, OR WILDCAT: Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec 14, T7S, R23E, SLB&M

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB 5408'

12. COUNTY OR PARISH: Uintah

13. STATE: UT

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		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 clean out, perforate and acidize as follows:

1. MIR & RU. ND tree. NU BOPE. Release Lok-Set packer and POOH w/tubing.
2. RIH w/bit, casing scraper and work string. Clean out to 5616. POOH.
3. RIH w/casing gun and perforate as per the attached.
4. RIH w/RBP, packer and work string. Set to straddle zones.
5. Acidize as per the attached.
6. POOH w/RBP, packer and work string.
7. RIH w/plastic lined tubing and hydrostatic packer. Land above perfs @ ± 5400'. ND BOPE. NU tree.
8. Place well on injection service.

APPROVED BY THE DIVISION OF OIL, GAS, AND MINING
DATE: April 3, 1978
BY: P. L. Ruck

3-USGS
2-State
3-Partners
1-JCB
1-DLD
1-Sec 723
1-File

No additional surface disturbances required for this activity.

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

SIGNED J J Johnson TITLE J. J. Johnson Engineering Assistant DATE 3/27/78

(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 #185 (41-14B)

FIELD: Red Wash

PROPOSED PERFORATING PROCEDURE

1. Changes intended: Re-perforate sands to insure accurate injection into each sand.
2. Results anticipated: Increased injection.
3. Conditions of well which warrant such work: Low rate of injection.
4. To be ripped or shot: Shot.
5. Depth, number and size of shots (or depth of rips): 3 shots per foot.

   5569-72
   5562-65
   5558-60
   5553-57
   5550-52
   5542-45
   5507-18
   5501-05
   5497-99

6. Date last Log of well filed:
7. Anticipated additional surface disturbances: None.
8. Estimated work date: April 15, 1978.
9. Present production and status: Injecting.

Date	BOPD	MCFD	BWPD
2/78			150 down tubing.
			169 down tubing - casing annulus.

JAM 6/8/76

WELL NAME: RWU #185 (41-14B)

FIELD: Red Wash

PROPOSED TREATMENT PROCEDURE

1. Objective: Clean out suspected scale build-up and increase injection.
2. Size and type of treatment: 2200 gals 15% HCl.
3. Intervals to be treated: 5542-72, 5497-5518, 5456-64.
4. Treatment down casing or tubing: Tubing.
5. Method of localizing its effects: Retrievable bridge plug and packer set to straddle zones and 400# benzoic acid flakes to be used as diverting agents.
6. Disposal of treating fluid: Spent acid to be swabbed back.
7. Name of company to do work: Dowell, Halliburton or Western.
8. Anticipated additional surface disturbances: None.
9. Estimated work date: April 15, 1978.
10. Present status, current production and producing interval:

Date	BOPD	MCFD	BWPD
2/78			150 down tubing.
			169 down tubing - casing annulus.

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

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.)

1. OIL WELL ☐ GAS WELL ☐ OTHER Water Injection

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
747' FNL & 660' FEL (NE¼ NE¼)

5. LEASE DESIGNATION AND SERIAL NO.
U-081

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Red Wash

8. FARM OR LEASE NAME

9. WELL NO.
185 (41-14B)

10. FIELD AND POOL, OR WILDCAT
Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 14, T7S, R23E, SLB&M

12. COUNTY OR PARISH: Uintah

13. STATE: UT

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
KB 5408

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	☐	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.)*

Well was cleaned out, perforated and acidized as follows:

1. MIR & RU. NU BOPE. Released Lok-Set packer and POOH w/tbg.
2. RIH w/bit, casing scraper and work string. Cleaned out to 5616'. POOH.
3. Perforated - See attached.
4. RIH w/RBP, packer & work string.
5. Acidized - See attached.
6. POOH w/RBP, packer & work string.
7. RIH w/plastic lined tubing & hydrostatic packer. Set Pkr at 5388'. POOH. ND BOPE. NU tree.
8. Placed well on injection service.

RECEIVED
JUL 17 1978
DIVISION OF OIL, GAS, & MINING

3-USGS
2-State
3-Partners
1-JCB
1-DLD
1-Sec 723
1-File

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

SIGNED J. J. Johnson TITLE J. J. Johnson Engineering Assistant DATE July 14, 1978

(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 #185 (41-14B)

FIELD: Red Wash

COMPLETED PERFORATING PROCEDURE

1. Depth, number and size of shots (or depths of rips): 3 shots/ft.

   5569-72
   5562-65
   5558-60
   5553-57
   5550-52
   5542-45
   5507-18
   5501-05
   5497-99

2. Company doing work: Oil Well Perforators

3. Date of work: June 6, 1978

4. Additional surface distrubances: None

5. Production after work:

Date	BOPD	MCFD	BWPD
6/19/78			1468 Injecting

JAM 6/8/76

WELL NAME RWU #185 (41-14B)

FIELD NAME Red Wash

COMPLETED TREATMENT PROCEDURE

1. Size and type of treatment: 2250 gals 15% HCl.

2. Intervals treated: 5542-72, 5497-5518, 5456-64

3. Treatment down casing or tubing. Tubing

4. Methods used to localize effects: RBP & packer set to straddle zones.

5. Disposal of treating fluid: Spent acid was swabbed back.

6. Depth to which well was cleaned out: 5616

7. Time spent bailing and cleaning out: 10 days

8. Date of work: 6/7/78 & 6/8/78

9. Company who performed work: Dowell

10. Production interval: 5497-5572

11. Status and production before treatment:

Date	BOPD	MCFD	BWPD
2/78			150 Down Tubing 169 Down Tubing - Casing Annulus

12. Status and production after treatment:

Date	BOPD	MCFD	BWPD
6/19/78			1468 Injecting

JAM 6/8/76

FORM NO. DOGM-UIC-1

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
ROOM 4241 STATE OFFICE BUILDING
SALT LAKE CITY, UTAH 84114
(801) 533-5771
(RULE I-5)

IN THE MATTER OF THE APPLICATION OF
Chevron U.S.A. Inc.
ADDRESS P. O. Box 599
Denver, CO ZIP 80201
INDIVIDUAL ___ PARTNERSHIP ___ CORPORATION X
FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR INJECT FLUID INTO THE RWU No. 185 WELL
SEC. 14 TWP. 7S RANGE 23E
Uintah COUNTY, UTAH

CAUSE NO. _____

ENHANCED RECOVERY INJ. WELL ☒
DISPOSAL WELL ☐

APPLICATION

Comes now the applicant and shows the Division the following:
1. That Rule 1-5 (b) 6 authorizes administrative approval of enhanced recovery injections or disposal operations.
2. That the applicant submits the following information.

Lease Name	Well No.	Field	County
U-081	185 (41-14B)	Red Wash	Uintah

Location of Enhanced Recovery Injection or Disposal Well NE¼ NE¼ Sec. 14 Twp. 7S Rge. 23E

New Well To Be Drilled	Old Well To Be Converted	Casing Test
Yes ☐ No ☒	Yes ☐ No ☒	Yes ☒ No ☐ Date 6/6/78

Depth-Base Lowest Known Fresh Water Within ½ Mile	Does Injection Zone Contain Oil-Gas-Fresh Water Within ½ Mile	State What
2700	YES ☒ NO ☐	oil & gas

Location of Injection Source(s): Fresh Water from the Green River
Geologic Name(s) and Depth of Source(s): Not Applicable
Geologic Name of Injection Zone: Green River
Depth of Injection Interval: 5456 to 5572

a. Top of the Perforated Interval:	b. Base of Fresh Water:	c. Intervening Thickness (a minus b)
5456	2700	2756

Is the intervening thickness sufficient to show fresh water will be protected without additional data? (YES) NO

Lithology of Intervening Zones: sand-shale

Injection Rates and Pressures
Maximum = 2500 B/D, Working = 800 B/D
Maximum = 3000 psi, Working = 2000 PSI

The Names and Addresses of Those To Whom Copies of This Application and Attachments Have Been Sent

Bureau of Land Management, State of Utah
1400 University Club Building
136 East South Temple
Salt Lake City, Utah 84111

RECEIVED JUL 29 1983 DIVISION OF OIL, GAS & MINING

State of Colorado)
County of Denver)

R. H. Elliott
Applicant

Before me, the undersigned authority, on this day personally appeared R. H. ELLIOTT known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Suscribed and swern to before me this 19 day of July, 19 83

SEAL

Lois J. Thompson
Notary Public in and for Colorado

My commission expires: July 22, 1986
Address is: 1700 South Colorado Blvd. Denver, CO 80222

(OVER)

INSTRUCTIONS

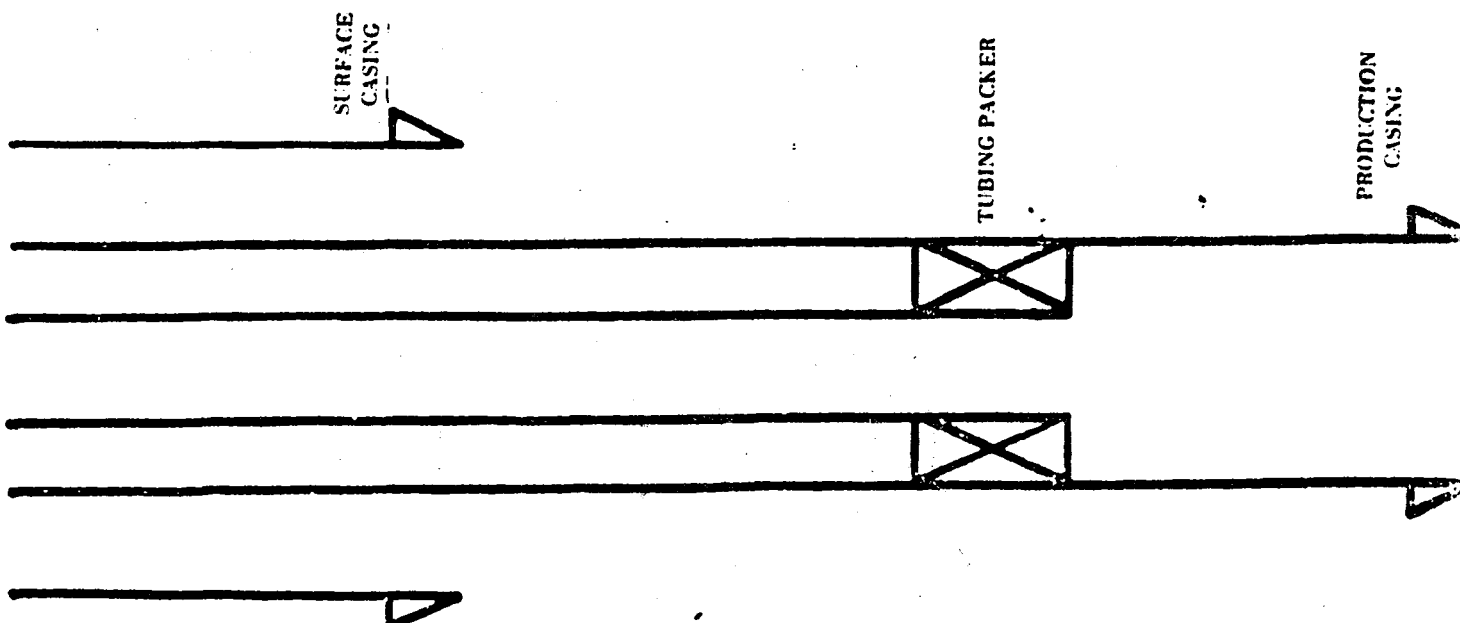
1. Attach qualitative and quantitative analysis of fresh water from 2 or more producing wells within 1 mile of injection well showing location of wells and date samples were taken, or statement as to why samples were not submitted.
2. Attach qualitative and quantitative analysis of representative sample of water to be injected.
3. Attach plat showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within ½ mile, together and with name of operator.
4. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division.)
5. Attach Electric or Radioactivity Log of Subject well (if released).
6. Attach schematic drawing of subsurface facilities including; Size, setting depth, amount of cement used measured or calculated tops of cement surface, intermediate (if any) and production casings; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval.
7. The original and 6 copies of application, and one complete set of attachments shall be mailed to the Division.
8. Deliver 1 copy of application to landowner on whose land injection well is located and to each operator of a producing leasehold within ½ mile of injection well.
9. Affidavit of mailing or delivery shall be filed not later than five days after the application is filed.
10. Notice that an application has been filed shall be published by the Division in a newspaper of general circulation in the county in which the well is located. The Division shall file proof of publication before the application is approved. The notice shall include name and address of applicant, location of proposed injection or disposal well, injection zone, injection pressure and volume. If no written objection is received within 15 days from date of publication the application will be approved administratively.
11. A well shall not be used for injection or disposal unless completed machine accounting Form DOGM-UIC-3b is filed September 1st, each year.
12. Approval of this application, if granted, is valid only as long as there is no substantial change in the operations set forth in the application. A substantial operation change requires the approval of a new application.
13. If there is less intervening thickness required by Rule I-5 (b) 4 attach sworn evidence and data.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface	10-3/4"	234	175	surface	returns
Intermediate					
Production	7"	5660	500	± 2360	calculated
Tubing	2-7/8"	5404	Name - Type - Depth of Tubing Packer Baker FH packer @ 5388		

Total Depth	Geologic Name - Inj. Zone	Depth - Top of Inj. Interval	Depth - Base of Inj. Interval
5660	Green River	5456	5572

SKETCH - SUB-SURFACE FACILITY



FORM OGC-1
(Rule I-5 (b) 2

Form UIC-2

(To be filed within 30 days after drilling is completed)

COUNTY
LEASE NO.

DEPARTMENT OF NATURAL RESOURCES AND ENERGY
DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 84114

API NO 43-047-05551

640 Acres
N

W E

S

Locate Well Correctly and Outline Lease

COUNTY Uintah SEC. 14 TWP. 7S RGE. 23E

COMPANY OPERATING Chevron U.S.A. Inc.

OFFICE ADDRESS P. O. Box 599

TOWN Denver STATE ZIP CO 80201

FARM NAME Red Wash WELL NO. 185

DRILLING STARTED 12/15 19 62 DRILLING FINISHED 12/28 19 62

DATE OF FIRST PRODUCTION 2/6/63 COMPLETED 2/3/63

WELL LOCATED NE ¼ NE ¼ ¼

1893 FT. FROM SL OF ¼ SEC. & 1980 FT. FROM WL OF ¼ SEC.

ELEVATION ~~DERRICK FLOOR~~ KB 5408 GROUND 5396

TYPE COMPLETION

Single Zone X Order No.

Multiple Zone Order No.

Comingled Order No.

LOCATION EXCEPTION Order No. Penalty

OIL OR GAS ZONES

Name	From	To	Name	From	To
Green River	4500	5600			

CASING & CEMENT

Casing Set				Csg. Test	Cement		
Size	Wgt	Grade	Feet	Psi	Sax	Fillup	Top
10-3/4"	40.5#	J-55	234	1250	175	-	surface
7"	23#	J-55	5660	2500	500	-	± 2360

TOTAL DEPTH 5660

PACKERS SET DEPTH 5388

COMPLETION & TEST DATA BY PRODUCING FORMATION

	1	2	3
FORMATION	Green River		
SPACING & SPACING ORDER NO.	40-acre spacing		
CLASSIFICATION (Oil; Gas; Dry; Inj. Well)	Enhanced recovery		
PERFORATED INTERVALS	5459	5507-5518	5553-5557
	5456-5464	5542-5545	5558-5560
	5497-5499	5545-5570	5562-5565
	5501-5505	5550-5552	5569-5572
ACIDIZED?	All perforated intervals		
FRACTURE TREATED?			

INITIAL TEST DATA

Date	2/3/63		
Oil. bbl./day	118		
Oil Gravity	28		
Gas. Cu. Ft./day	140 MCF	CF	CF
Gas-Oil Ratio Cu. Ft./Bbl.	1186		
Water-Bbl./day	269		
Pumping or Flowing	pumping		
CHOKE SIZE			
FLOW TUBING PRESSURE			

A record of the formations drilled through, and pertinent remarks are presented on the reverse. (use reverse side)

R.H. Elliott

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

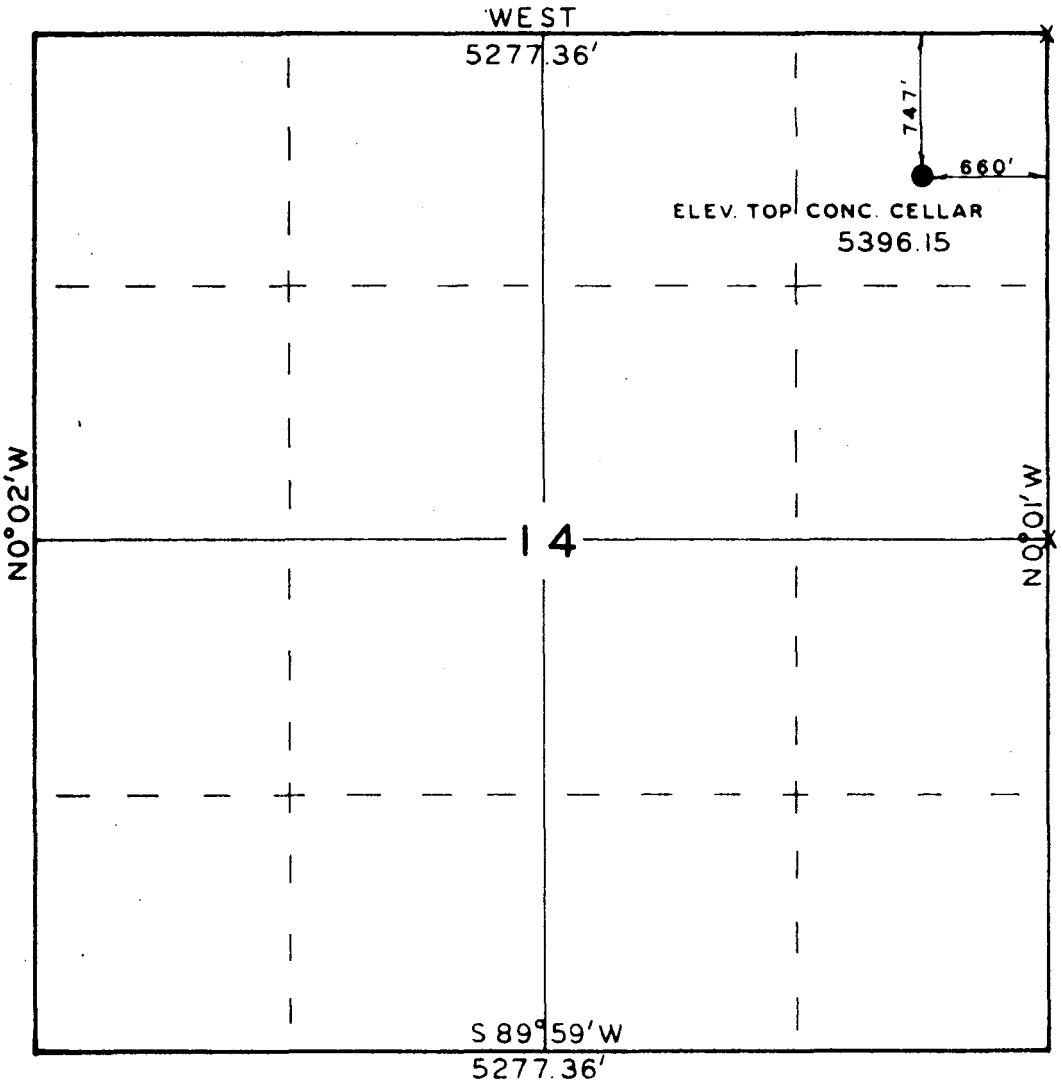
Telephone (303) 691-7437 R.H. Elliott - Area Prod. Supt.
Name and title of representative of company

My commission expires July 5, 1987.
Subscribed and sworn before me this 19 day of July, 19 83.
700 South Colorado Blvd.
Denver, CO 80222

Lois J. Thompson

~~KGM~~
~~RES~~
~~FBB~~
~~[illegible]~~
~~[illegible]~~
~~JCC~~
Tour Sheets

T 7S, R 23E, SLB&M



X= Corners Located (brass caps)

Scale: 1" = 1000'

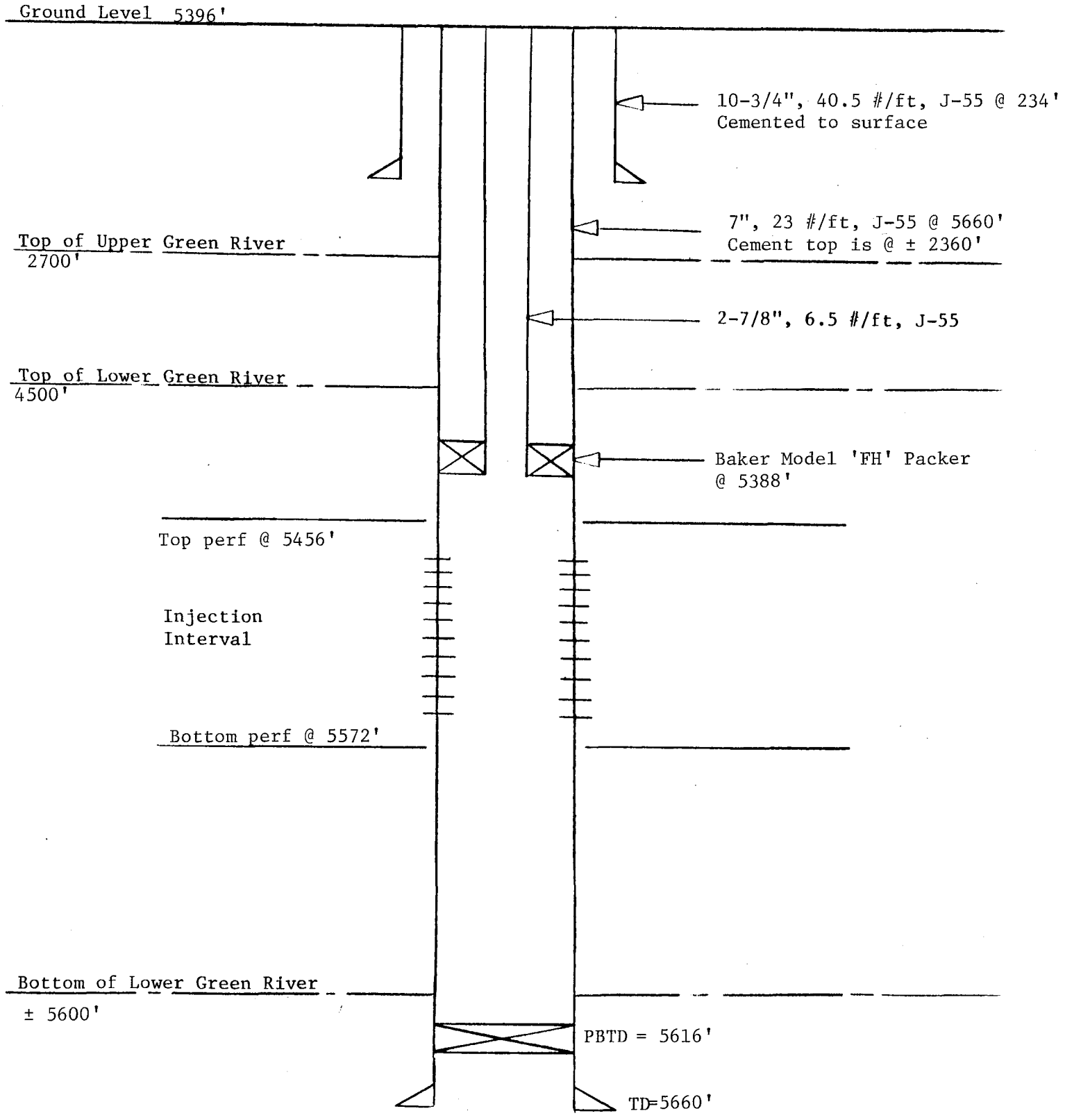
Nelson Marshall

By: ROSS CONSTRUCTION CO.
Vernal, Utah

PARTY G. Stewart R. Stewart WEATHER Fair-Warm	**SURVEY** CALIFORNIA OIL CO. WELL LOC 41-14B (NO.185) LOCATED AS SHOWN IN THE NE 1/4, NE 1/4, SEC.14, T7S, R23E, SLB&M. UINTAH COUNTY, UTAH.	DATE 12/3/62 REFERENCES GLO Township Plat Approved 11/29/44 FILE CALCO.

Chevron U.S.A. Inc.

RED WASH UNIT
WATER INJECTION WELL
WELLBORE SCHEMATIC



Red Wash Unit 185 (41-14B)

CBL DESCRIPTIONS

Injection Well
RWU No. 185 (41-14B)

The CBL does not indicate a definite cement top. The cement bond is poor from 3700' to 4770'. From 4770' to 4850', the bond is considered fair. Good bond is evident from 4850' to 5616' except for a poor section from 5178' to 5202'. The injection interval is from 5456' to 5572'.

Offset Producers
RWU No. 21 (32-14B)

The CBL shows the cement top to be at 3520'. Poor bond quality exists from TD, throughout the perforated interval, to 4830' with a fair streak from 5100'-30' and a good interval from 4920'-90'. Fair bond quality exists from 4570'-4830' with a poor streak from 4600'-20'. From 4570' to the cement top, the cement quality is fair to good. The top perforation is at 4993'.

RWU No. 74 (12-13B)

The cement bond log indicates alternating intervals of good bond and poor bond from 4330' to the cement top at ± 3750'. The bond is generally good from 4330' to 5410', with intervals of poor bond at 4380' to 4400', 4415' to 4440', 4540' to 4560', 4600' to 4620', 4760' to 4780', 4870' to 4930', and 5000' to 5050'. Bonding is poor below 5410'. The gross perforated interval is 4379' to 5603'.

RWU No. 77 (21-13B)

The cement bond log shows the cement top at ± 4040'. The log indicates poor bonding at 4080' to 4095' and at 4125' to 4135'. Except for these intervals, the bond is fair from the cement top to 4140'. A generally good bond exists from 4140' to 5420', with short scattered intervals of fair bond and with poor bonding at 4180' to 4190', 4240' to 4260', and 4315' to 4330'. The bond is fair from 5420' to total depth, except for regions of poor bonding at 5510' to 5550' and 5590' to 5620'. The gross perforated interval is 4433' to 5550'.

RWU No. 151 (42-14B) - SI

No. 151 has a cement top at 3270' with perforations at 4432'-5333'. The bond is generally fair with poor sections at 5300'-5600' along with much thinner, isolated poorly-bonded intervals.

RWU No. 191 (21-14B)

Good to fair bonding is indicated in the subject well. Thin, isolated poorly-bonded sections exist from the cement top at 3350' to 4100'. TD is ± 5300' and perforations are 4322'-4363'.

CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

* * * * * * * * *

Operator: Chevron Well No. 41-14B (185)

County: Uintah T 7S R 23E Sec. 14 API# 43-047-16498

New Well ___ Conversion ✓ Disposal Well ___ Enhanced Recovery Well ✓

	YES	NO
UIC Forms Completed	✓	
Plat including Surface Owners, Leaseholders, and wells of available record	✓	
Schematic Diagram	✓	
Fracture Information	✓	
Pressure and Rate Control	✓	
Adequate Geologic Information	✓	
Fluid Source	Green River	

Analysis of Injection Fluid Yes ✓ No ___ TDS 5460

Analysis of Water in Formation to be injected into Yes ✓ No ___ TDS 21,667

Known USDW in area Uintah Depth 2700

Number of wells in area of review 5 Prod. 5 P&A 0

Water 0 Inj. 0

Aquifer Exemption Yes ✓ NA ___

Mechanical Integrity Test Yes ✓ No ___

Date 12-15-80 Type Tracer

Comments: Top of Cement 2360 Bottom 5660

Reviewed by: [illegible]

UTAH DIVISION OF OIL, GAS AND MINING
CASING-BRADENHEAD TEST

OPERATOR: Chevron U.S.A., Inc.

FIELD: Red Wash LEASE: U-081

WELL # 41-14B NE SEC. 14 TOWNSHIP 7S RANGE 23E

STATE FED. FEE DEPTH 5660 TYPE WELL WI MAX. INJ. PRESS. 3500 PSI

TEST DATE 6-21-84

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
SURFACE	10 3/4"	234	175	50 PSI		
INTERMEDIATE						
PRODUCTION	7"	5660	500			
TUBING	2 7/8"	5404		1255		

REMARKS:
Accumulator: 62,658 BBLS.

BEST COPY AVAILABLE

NL McCullough

US - PRODUCTION LOGGING

INJECTION PROFILE

FILING NO.

COMPANY CHEVRON USA, INC.

WELL RED WASH #185 (41-14B)

FIELD RED WASH

COUNTY UINTAH STATE UTAH

LOCATION

OTHER SERVICES

RECEIVED MAY 18 1987 DIVISION OF OIL, GAS & MINING

SEC. 14 TWP. 7S RGE. 23E

ELEVATIONS: KB 5408 DF GL 5396

PERMANENT DATUM GROUND LEVEL ELEV. 5396

LOG MEASURED FROM K.B.

DRILLING MEASURED FROM K.B.

DATE	11-5-86		
RUN NO.	ONE		
DEPTH-DRILLER	5620		
DEPTH-LOGGER	5596		
BOTTOM LOGGED INTERVAL	5596		
TOP LOGGED INTERVAL	5200		
TYPE FLUID IN HOLE	WATER		
FLUID LEVEL	FULL		
WELL STATUS	INJECTING		
RECORDED BY	BOYCE		
WITNESSED BY	MR. SUSTAKOSKI		
DISTRICT	VERNAL		

PURPOSE OF SURVEY DEFINE INJECTION INTERVALS. LOCATE PACKER LEAKS OR CHANNELING.

		CASING AND TUBING RECORD			
PACKER AT	5398				
PUMP AT		SIZE	WGT.	FROM	TO
TBG TAIL TO	5408	7"	23#	SURF.	5660
MINIMUM I.D.		2-7/8"	6.5#	SURF.	5391
LINER TOP					
OPEN HOLE SIZE	9"				

FOLD HERE

TRUCK NO.	1448	LOG TICKET NO.	100855
LINE SIZE	3/16	LINE LENGTH	9000

PRESSURE	FLOWING	INJECTING	SHUT IN
TBG		700	
CSG			
CHOKE SIZE			
PRODUCTION			
OIL			
WATER	INJECTION		
GAS			
INJECTION RATE		TYPE	WATER
DEPTH CORRELATION			
RA SOURCE	I-131		
STRENGTH	5 MCI	HALF LIFE	8.4 DAYS

LOGGING EQUIPMENT

TOOL	MODEL NO.	SERIAL NO	DIAMETER
SIE TEMPERATURE		208	1.375"
DELTA GAMMA		318A	1.375"
SIE CCL		209	1.375"
SIE GAMMA		210	1.375"
SIE EJECTOR		305	1.375"

PERFORATIONS 5456-64, 5497-99, 5501-05, 5507-18, 5542-45, 5545-70, 5550-52, 5553-57, 5558-60, 5562-65, 5569-72. (SQUEEZED 5187)

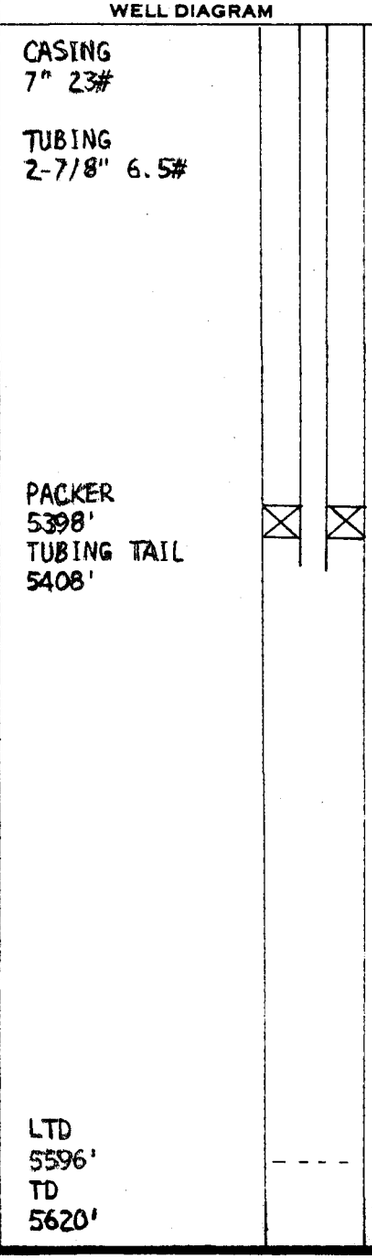
SQUEEZED PERFORATIONS 4335, 4343, 4351, 4370, 4841, 4848, 4867-68, 4875-76, 4942, 4962, 4981, 4997, 5180

MAX RECORDED TEMP. 74

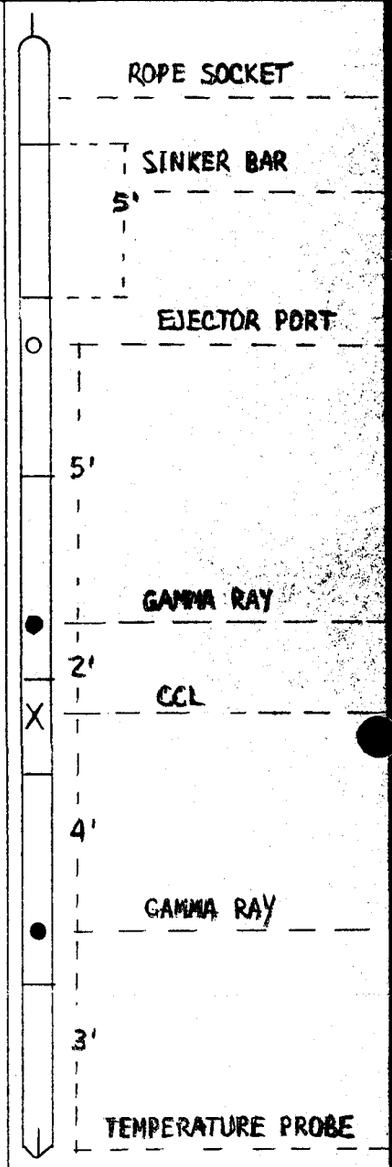
REMARKS: SURVEY INDICATES SEVERE BUILDUP IN CASING.

CONCLUSION THERE WAS NO INDICATION OF A PACKER LEAK OR CHANNELING FROM THE PERFORATIONS. PROFILE IS AS SHOWN ON LOG IN % FLOW AND % LOSS.

WELL DIAGRAM



TOOL CONFIGURATION



NL McCULLOUGH

Field Data and Logging Summary Sheet

COMPANY CHEVRON USA, INC. DATE 11/5/86

ENGINEER BOYCE COMPANY REP. MR. SUSTAKOSKI

WELL NO. & LOCATION REDWASH UNIT #185 (41-14B) TRUCK NO. 1448

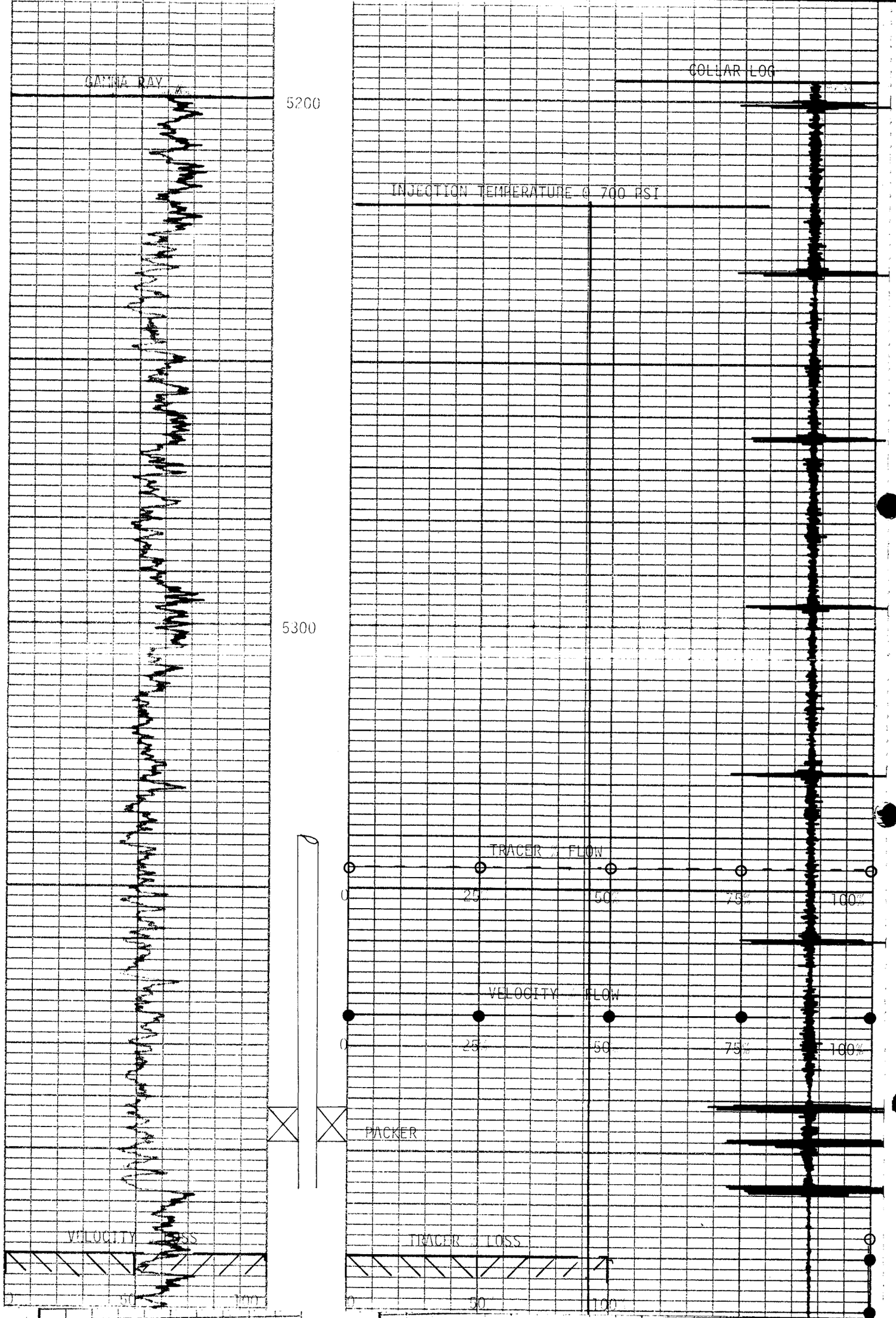
RUN	TIME	TYPE LOG	CALIBRATION	LS	LOGGED FROM/TO	PRESSURE	RATE
	09:00	RIG UP					
	10:00	TEMPERATURE LOG	4°/INCH	30'	5200-5596	700	603
	11:00	GAMMA RAY	10 CTS/INCH	30'	5200-5596	700	550
	12:00	TRACER LOG	100 CTS/INCH	90'		700	550
	14:00	VELOCITY	100 CTS/INCH				
	17:00	RIG DOWN					

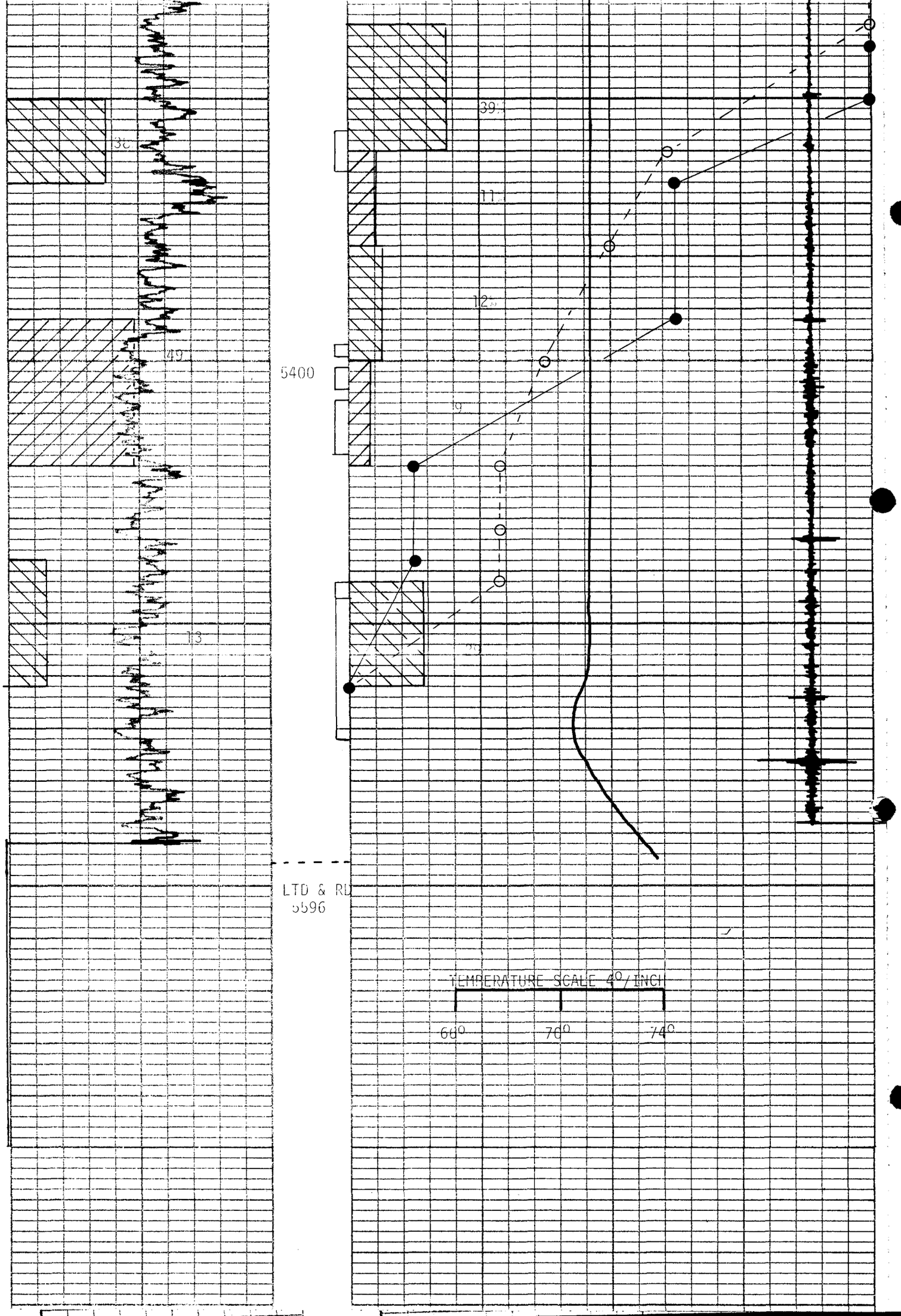
VELOCITY CALCULATIONS

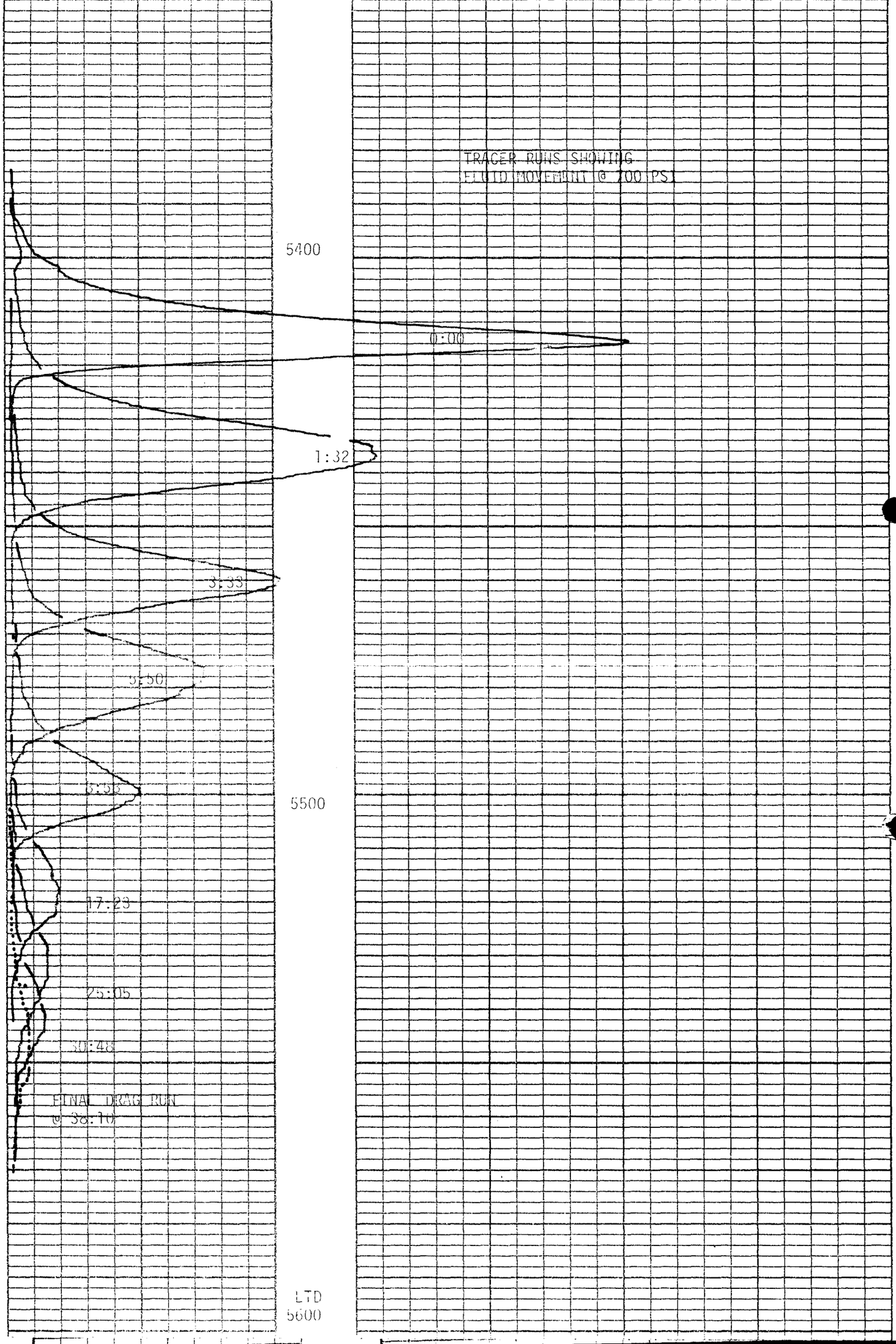
SLUG#	DEPTH	FEET/SEC.	BPD (.0394)	%FLOW (.00579)	%LOSS (.00193)	REMARKS
12	5400'	200'/ 198 SEC.	505			TUBING DROP CHECK
11	5390'					PACKER CHECK OK
10	5420'	6'/ 24 SEC.	809	100%	0%	
9	5430'	6'/ 24 SEC.	809	100%	0%	
8	5440'	6'/ 24 SEC.	809	100%	0%	
7	5450'	6'/ 18 SEC.	1079	100%	0%	
6	5466'	6'/ 36 SEC.	539	62%	38%	
5	5492'	6'/ 36 SEC.	539	62%	0%	
4	5520'	6'/ 68 SEC.	115	13%	49%	
3	5538'	6'/ 168 SEC.	115	13%	0%	
2	5562'	0'/ 300 SEC.	0	0%	13%	NO FLOW
1	USED FOR TRACER DRAG RUNS					

TRACER CALCULATIONS

DEPTH	AREA	% FLOW	% LOSS
5416'	100	100%	0%
5436'	80	100%	0%
5460'	55	61%	39%
5478'	45	50%	11%
5500'	34	38%	12%
5520'	26	29%	9%
5532'	26	29%	0%
5542'	27	29%	0%
5562'	0	0%	29%


GAMMA RAY
5200
5300
COLLAR LOG
INJECTION TEMPERATURE @ 700 PSI
TRACER % FLOW
0
25%
50%
75%
100%
VELOCITY % FLOW
0
25%
50
75%
100%
PACKER
VELOCITY % LOSS
0
50
100
TRACER % LOSS
0
50
100

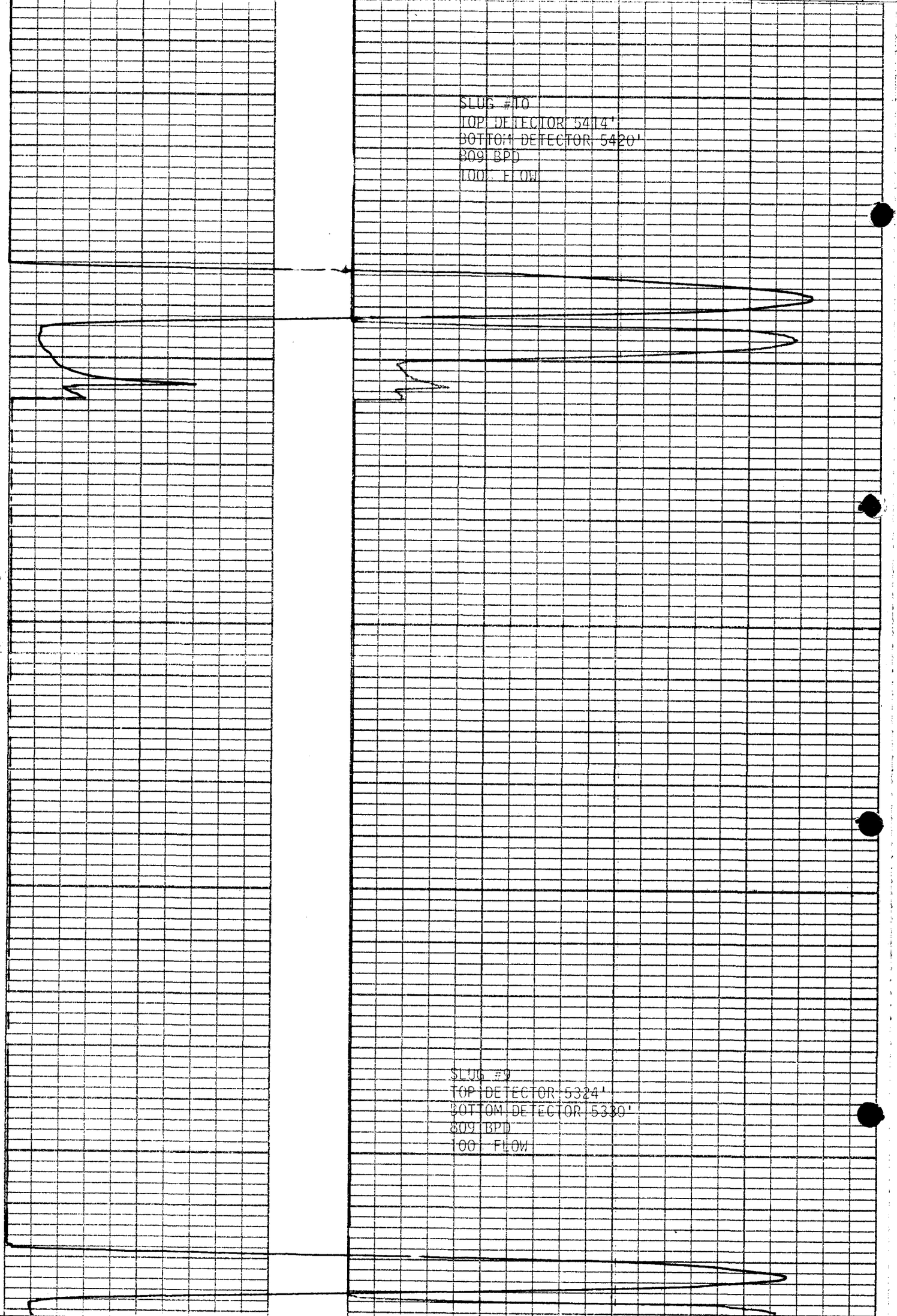

5400
LTD & RD
5596
TEMPERATURE SCALE 4°/INCH
68°
70°
74°


TRACER RUNS SHOWING
FLUID MOVEMENT @ 700 PSI
5400
0:00
1:32
3:33
5:50
5500
17:23
25:05
30:48
FINAL DRAG RUN
@ 38:10
LTD
5600

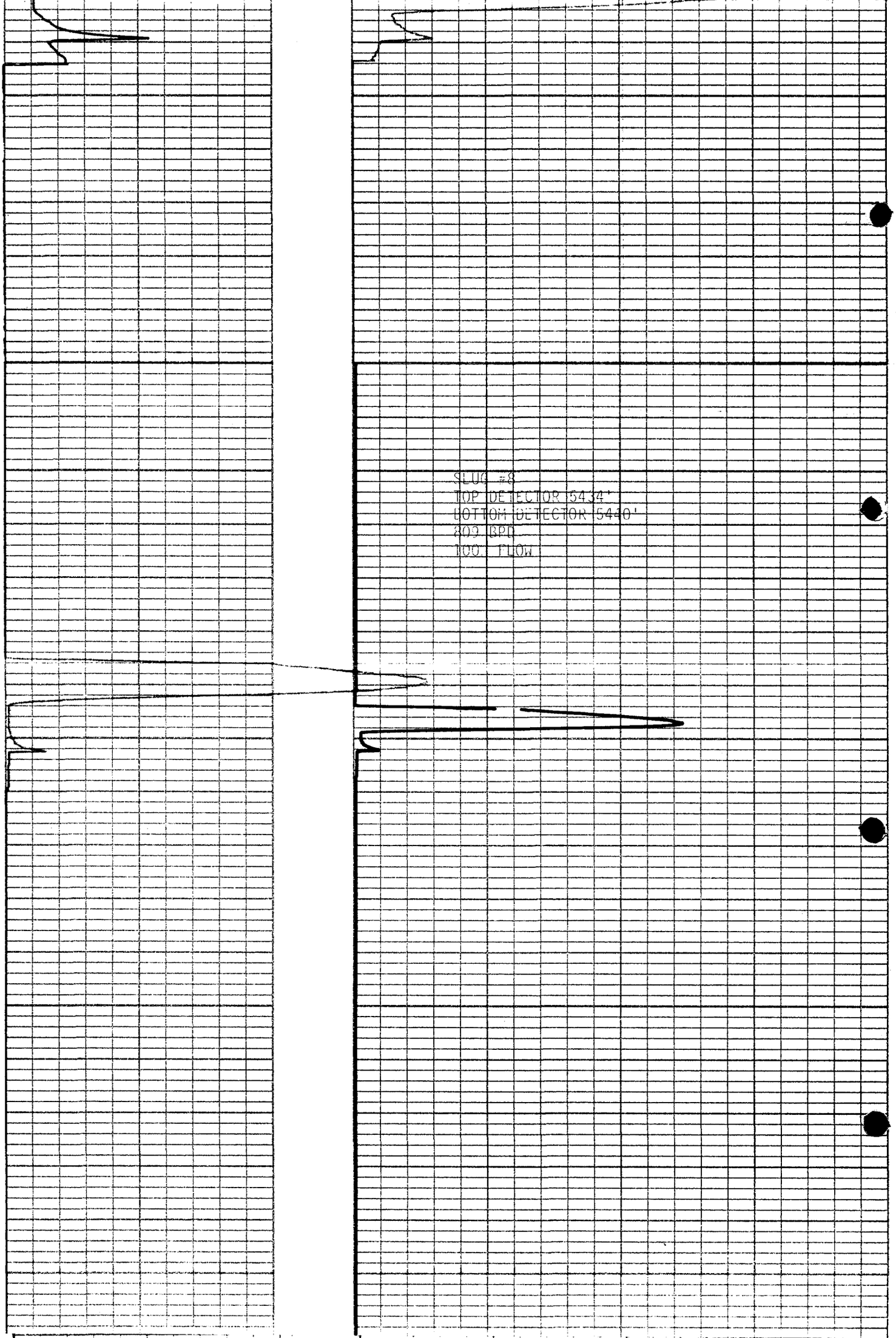
VELOCITY SHOTS
6 SEC./C.D.

SLUG #11
PACKER CHECK OK @ 5390'

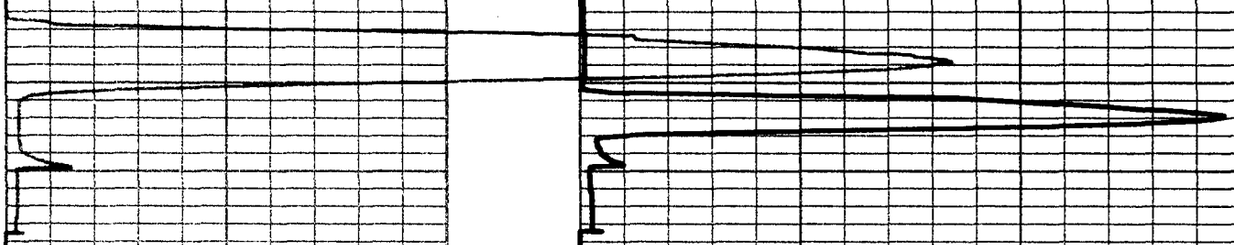
SLUG #10
TOP DETECTOR 5414'
BOTTOM DETECTOR 5420'
809 BPD
100% FLOW



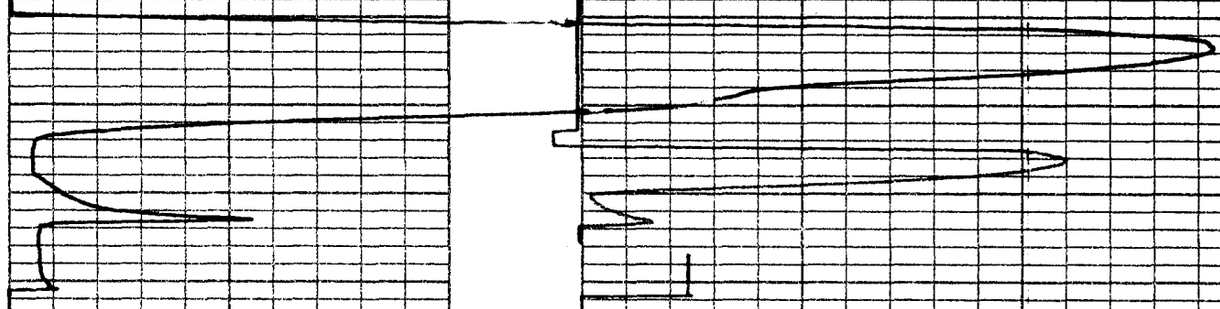
SLUG #9
TOP DETECTOR 5324'
BOTTOM DETECTOR 5330'
809 BPD
100% FLOW

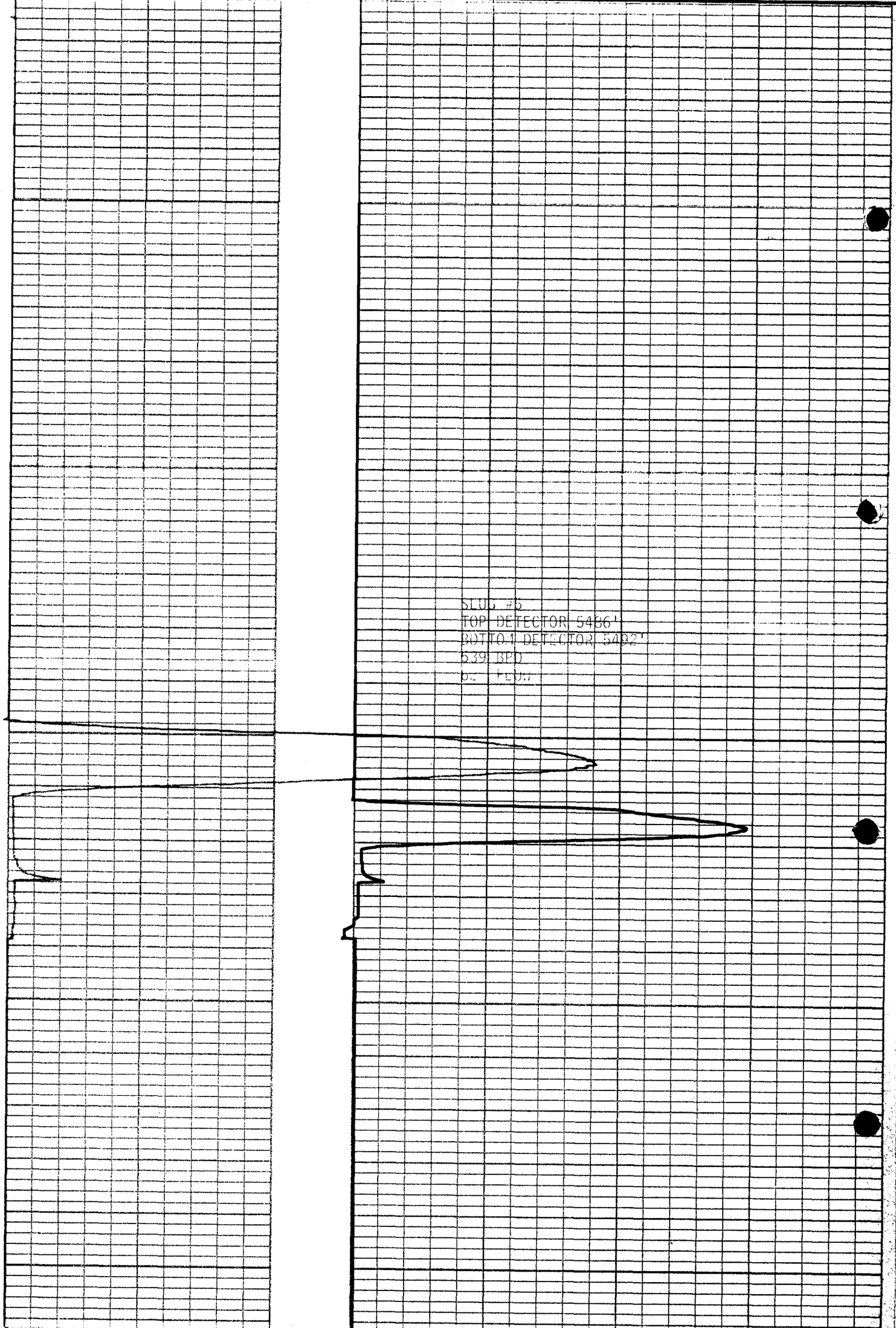

SLUG #8
TOP DETECTOR 5434'
BOTTOM DETECTOR 5440'
800 BPD
100% FLOW

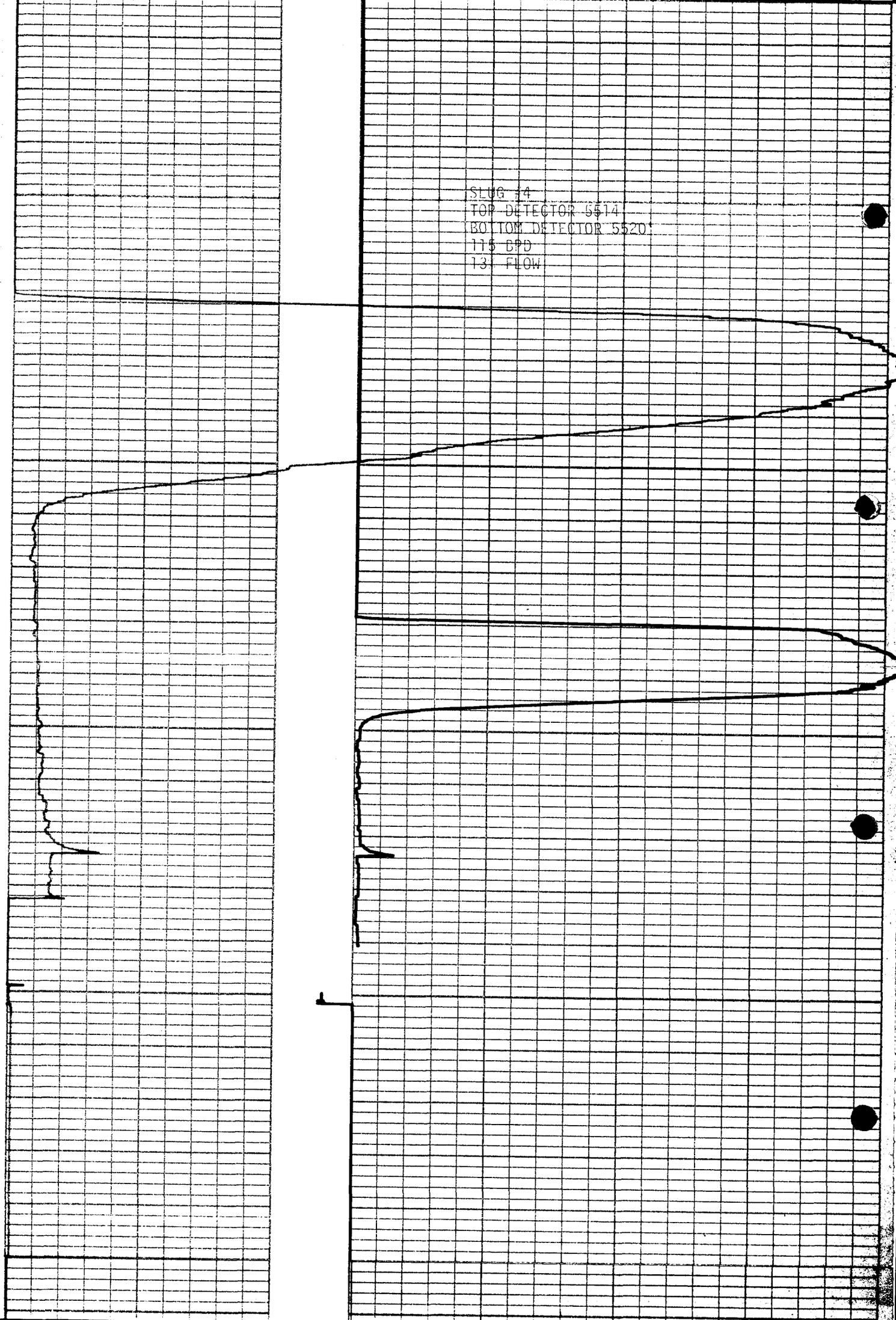
SLUG #7
TOP DETECTOR 5444'
BOTTOM DETECTOR 5450'
100% FLOW

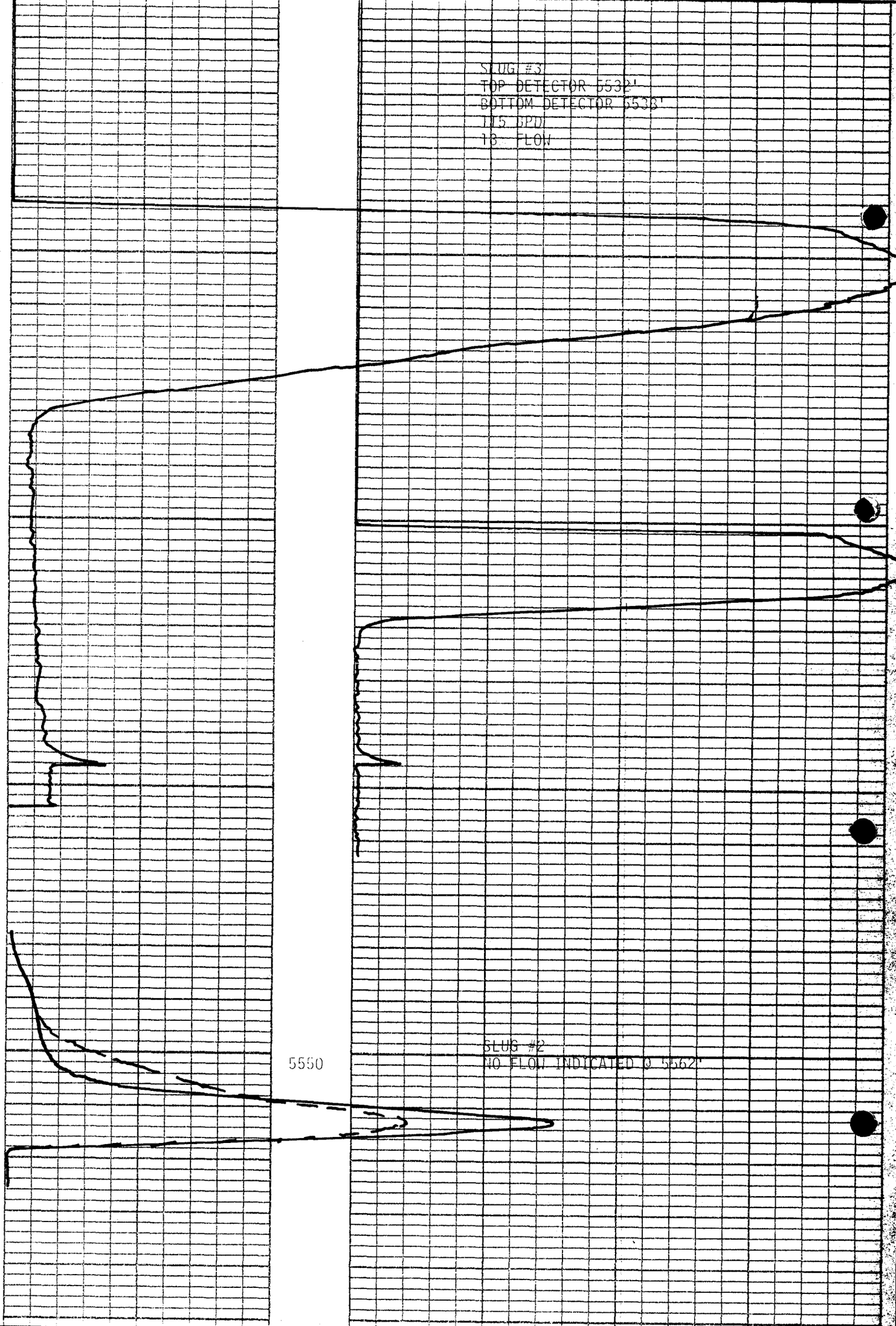


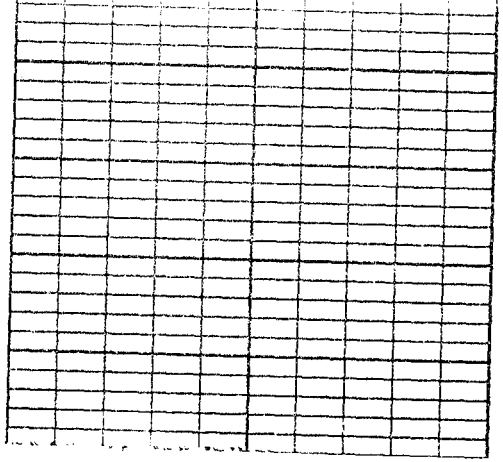
SLUG #8
TOP DETECTOR 5460'
BOTTOM DETECTOR 5466'
539 BPD
62% FLOW

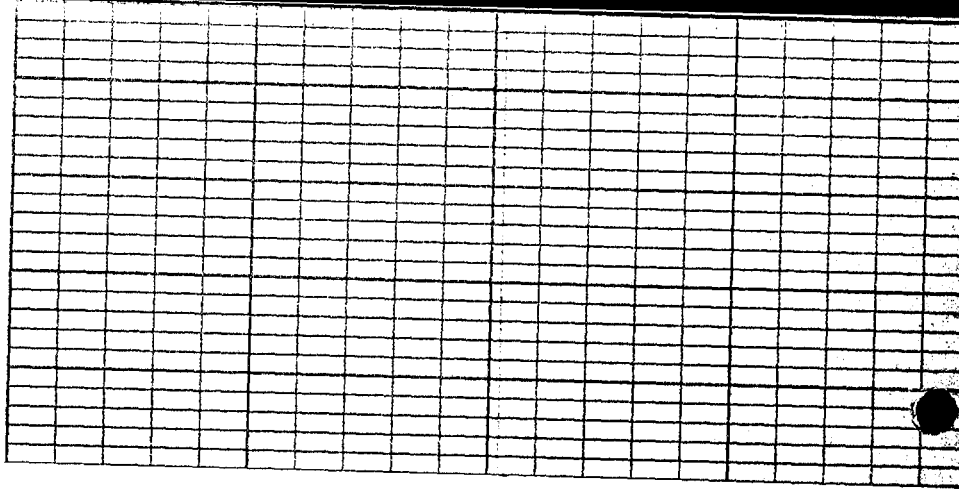



SLUG #5
TOP DETECTOR 5486'
BOTTOM DETECTOR 5492'
539 BPD


SLUG #4
TOP DETECTOR 5514
BOTTOM DETECTOR 5520
115 BPD
13+ FLOW


SLUG #3
TOP DETECTOR 5532'
BOTTOM DETECTOR 5538'
115 GPM
18 FLOW
5550
SLUG #2
NO FLOW INDICATED @ 5562'





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)

Form approved.
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 JUL 14 1988 DIVISION OF OIL, GAS & MINING

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

2. NAME OF OPERATOR: Chevron U.S.A. Inc., Rm #11111

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: 747' FNL, 660' FEL

5. LEASE DESIGNATION AND SERIAL NO.: U-081

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: Red Wash Unit

8. FARM OR LEASE NAME:

9. WELL NO.: 185 (41-14B)

10. FIELD AND POOL, OR WILDCAT: Red Wash Unit-Green River

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 14, T7S, R23E

14. PERMIT NO.: 43-047-16498

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 5408' KB

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	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	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.)*

RWU #185 (41-14B) was recompleted and acidized as follows:

1. MIRU Gudac Well Service Rig #1 on 6/17/88. ND tree. NU and tested BOPE.
2. Released packer. Circulated well dead with 9.5 ppg brine water.
3. Pulled 2-7/8" P.L. tubing and packer. ND BOPE and tubing head. NU new tubing head and BOPE. Tested OK.
4. Cleaned out to 5578' PBTD.
5. Set CICR at 5488'. Squeezed perfs 5497-5572' with 150 sxs neat Class "H" cment to 2000 psi.
6. Perforated 5174-88', 4992-5002', 4866-76', and 4350-56' with 4 spf, 90° phasing.
7. Tested packer seats (no leaks) and selectively acidized perfs 4350-5188' with total of 3500 gals 15% HCl acid. Overdisplaced acid.
8. Perforated 5428-32', 5398-5408', 4978-82', 4960-64', 4940-44', 4914-18', 4898-4908', 4340-44', 4332-36', 4322-26' with 4 spf, 90° phasing.
9. Selectively acidized perfs as follows: 5398-5408', 5428-32', 5456-64', 1500 gals 15% HCl acid; 4978-82' 500 gals 15% HCl acid; 4898-4908', 4914-18', 4940-44', 4960-64' 1000 gals 15% HCl acid; 4322-26', 4332-36', 4340-44', 4350-56' 1500 gals 15% HCl acid. Overdisplaced acid.
10. Ran P.L. Injeciton String with packers at 4283', 4788' and 5081'. Tested annulus to 1000 psi for 30 min. No leaks.
11. Released rig 7/1/88.

3 - BLM	1 - EEM	1 - PLM	1 - COS
3 - State	1 - MKD	1 - Sec. 724C	1 - File
2 - Partners	2 - Drlg	1 - Sec. 724P	

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

SIGNED P. Hutson TITLE Technical Assistant DATE 7/8/88

(This space for Federal or State office use)

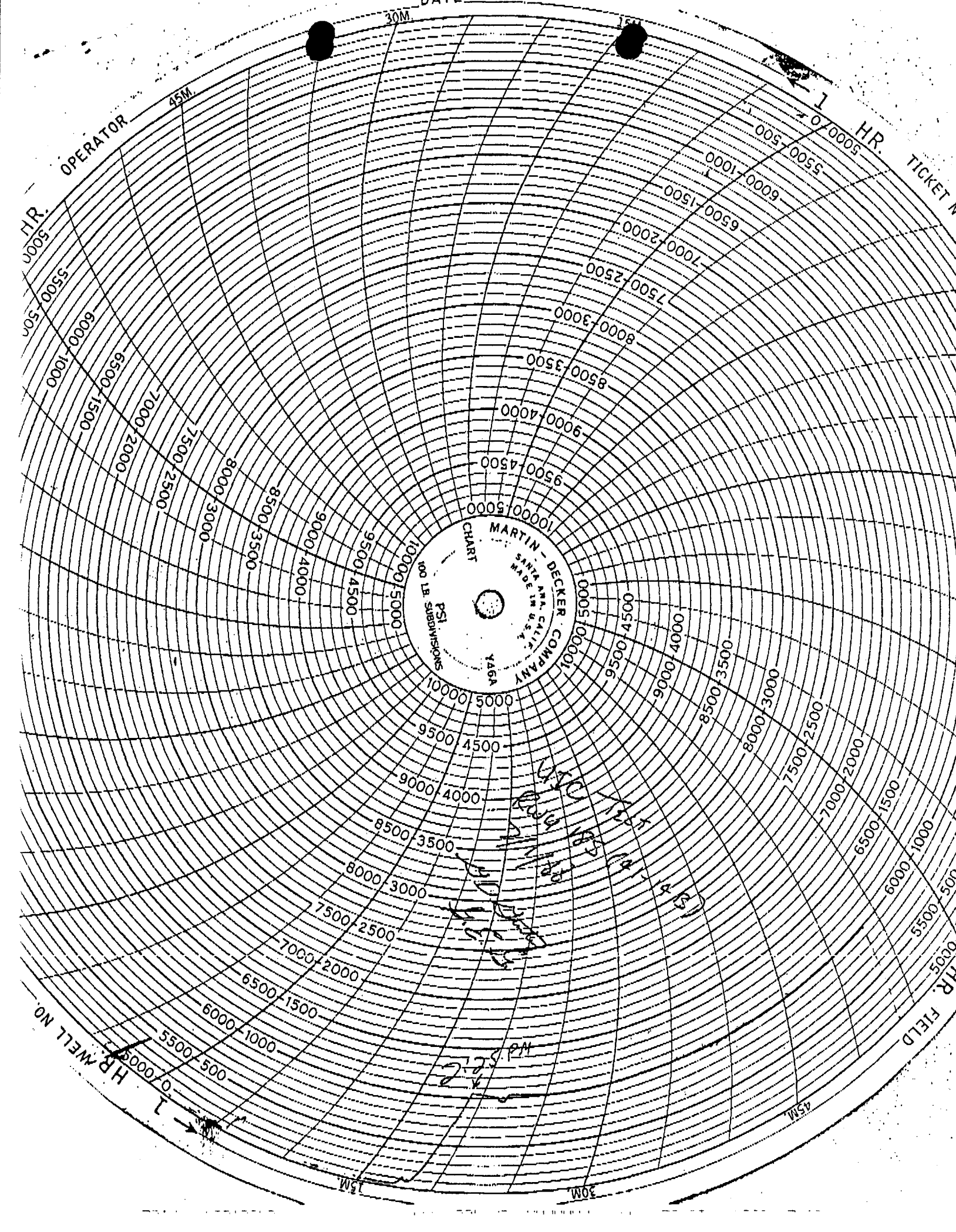
APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Verbal approval received from Gill Hunt (UOGC) and Jerry Kenzcka (BLM) prior to start of job. BLM-Vernal notified of UIC Compliance Test, however, test was not witnessed.

*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.


DATE
OPERATOR
HR.
TICKET
FIELD
HR WELL NO.
MARTIN - DECKER COMPANY
SANTA ANA, CALIF. U.S.A.
MADE IN U.S.A.
CHART
PSI
100 LB. SUBDIVISIONS
Y46A
30M.
15M.
45M.

Chevron

Chevron U.S.A. Inc.
P.O. Box 455, Vernal, UT 84078 • Phone (801) 789-2442

FEBRUARY 15, 1993

ANNUAL REPORT OF
SHUT-IN WELLS
WONSITS VALLEY STATE/FEDERAL UNIT
UINTAH COUNTY, UTAH

BUREAU OF LAND MANAGEMENT
170 SOUTH 500 EAST
VERNAL, UT 84078

GENTLEMEN:

Enclosed, please find the annual report of shut-in wells in Red Wash Unit. If you have any questions, please call the above address.

Sincerely,

J T Conley

J.T. CONLEY
AREA OPERATIONS SUPERVISOR

sdm
Enclosures

cc: State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

RECEIVED
FEB 18 1993
DIVISION OF
OIL GAS & MINING

Chevron U.S.A. Inc.
P.O. Box 455, Vernal, UT 84078 • Phone (801) 789-2442

FEBRUARY 15, 1993

ANNUAL REPORT OF
SHUT-IN WELLS
RED WASH UNIT
UINTAH COUNTY, UTAH

BUREAU OF LAND MANAGEMENT
170 SOUTH 500 EAST
VERNAL, UT 84078

GENTLEMEN:

Enclosed, please find the annual report of shut-in wells in Red Wash Unit. If you have any questions, please call the above address.

Sincerely,

J T Conley

J.T. CONLEY
AREA OPERATIONS SUPERVISOR

sdm
Enclosures

cc: State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Buttram Energies, Inc.
6303 Waterford Boulevard, Suite 220
Oklahoma City, OK 73116

RECEIVED
FEB 18 1993
DIVISION OF
OIL GAS & MINING

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
U-081

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

8. Well Name and No.
RWU #185 (41-14B)

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

9. API Well No.
43-047-16498

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)
747 FNL, 660 FEL, SEC. 14, T7S, R23E

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.)

Well test facility upgrades were completed in 1992. We plan to re-evaluate this shut-in injection well during 1993.

RECEIVED
FEB 18 1993
DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct.
Signed Dana Brough Title Oper. Assistant Date 02/09/93

(This space for Federal or State office use)

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

FVLARB-5.BLM (JRL #2)

Mechanical Integrity Test
Casing or Annulus Pressure Test

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Implementation Section, 8WM-DW
999 18th Street, Suite 500, Denver, CO 80202-2466

A Witness: _____ Date 3/29/95 Time 12:25 am/pm

:st conducted by: M.F. Mott

:hers present: Rance Rasmussen

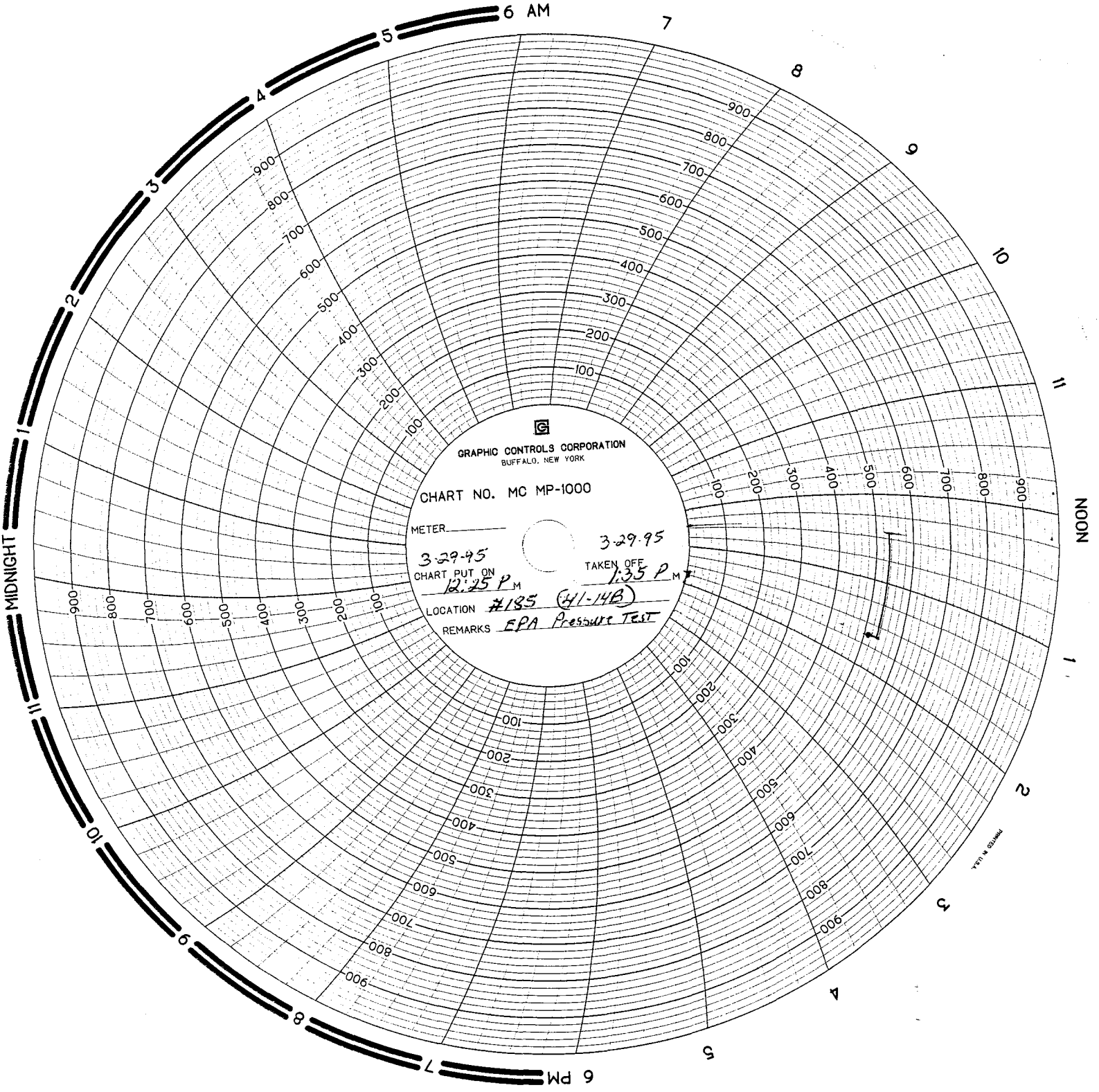
Well:	#185 (41-14B)	Well ID:	UTO 2441
Field:	Redwash 43-047-16498	Company:	Chevron USA, Inc.
Well Location:	NENE-14-7S-23E	Address:	11002 East 17500 South Vernal, Utah 84078-8526

Time	Test #1	Test #2	Test #3
0 min	535# psig	_____ psig	_____ psig
5			
10			
15			
20			
25			
30 min	535#		
35			
40			
45			
50			
55			
60 min	535#		
Tubing press	200# psig	_____ psig	_____ psig
Result (circle)	Pass Fail	Pass Fail	Pass Fail

Signature of EPA Witness: _____

See back of page for any additional comments & compliance followup.

This is the front side of two sides


6 AM
NOON
6 PM
MIDNIGHT
GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK
CHART NO. MC MP-1000
METER
CHART PUT ON 3-29-95 12:25 PM
TAKEN OFF 3-29-95 1:35 PM
LOCATION #185 (H1-14B)
REMARKS EPA Pressure Test
PRINTED IN U.S.A.

Mechanical Integrity Test
Casing or Annulus Pressure Test

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Implementation Section, 8WM-DW
999 18th Street, Suite 500, Denver, CO 80202-2466

EPA Witness: _____ Date 3/23/00 Time 9:30 am/pm

Test conducted by: M Johnson Big Red Hot Oil

Others present: _____

Well: RWU #185 (41-14B)	Well ID: API # 43-047-16498 EPA # UT02441
Field: Red Wash	Company: Shenandoah Energy Inc.
Well Location: NE NE Sec. 14 T 7S R 23E	Address: 11002 East 17500 So. Vernal, UT 84078-8526

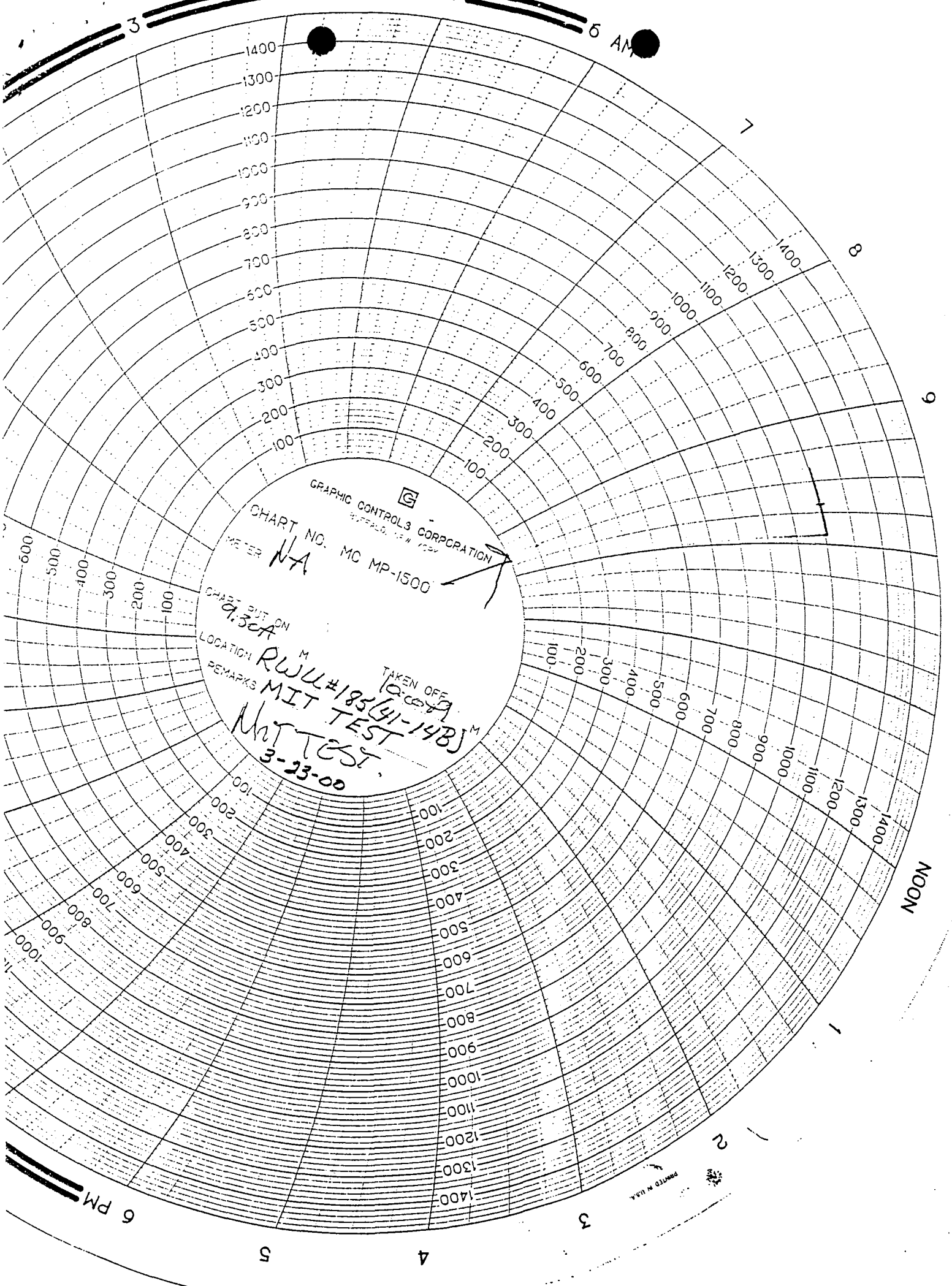
Well Status - Active

Time	Test #1		Test #2		Tubing Pressure	
0 min	1100	psig		psig	1500	psig
5						
10						
15						
20	1100				1500	
25						
30 min	1100				1500	
35						
40						
45						
50						
55						
60 min						
Tubing press		psig		psig		psig
Result (circle)	Pass	Fail	Pass	Fail	Pass	Fail

Signature of EPA Witness: _____

See back of page for any additional comments & compliance followup.

This is the front side of two sides


GRAPHIC CONTROLS CORPORATION
CHART NO. MC MP-1500
METER NA
CHART PUT ON 9:30A
LOCATION RWU#185(41-14B)
REMARKS MIT TEST
TAKEN OFF 10:00A
MIT TEST.
3-23-00
NOON
6 PM
6 AM

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.

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

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

8. Well Name and No.

9. API Well No.

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

11. County or Parish, State
UINTAH, UTAH

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

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

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

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

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-SJ
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 No. N4235

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

WELL(S)

NAME	API	ENTITY	SECTION	TOWNSHIP	RANGE	LEASE
RWU 14 (14-13B) (wiw)	43-047-15144	99996	13	07S	23E	FEDERAL
RWU 183 (33-13B) (wiw)	43-047-15289	5670	13	07S	23E	FEDERAL
RWU 185 (41-14B) (wiw)	43-047-16498	99996	14	07S	23E	FEDERAL
RWU 34 (23-14B) (wiw)	43-047-15161	99996	14	07S	23E	FEDERAL
RWU 156 (23-15B) (wiw)	43-047-15267	99990	15	07S	23E	FEDERAL
RWU 268 (43-17B) (wiw)	43-047-32980	5670	17	07S	23E	FEDERAL
RWU 174 (21-20B) (wiw)	43-047-15281	5670	20	07S	23E	FEDERAL
RWU 173 (21-21B) (wiw)	43-047-16496	99996	21	07S	23E	FEDERAL
RWU 182 (14-21B) (wiw)	43-047-16497	99996	21	07S	23E	FEDERAL
RWU 6 (41-21B) (wiw)	43-047-16482	99996	21	07S	23E	FEDERAL
RWU 148 (13-22B) (wiw)	43-047-15261	99996	22	07S	23E	FEDERAL
RWU 91 (33-22B) (wiw)	43-047-16479	99996	22	07S	23E	FEDERAL
RWU 23 (21-23B) (wiw)	43-047-15151	99996	23	07S	23E	FEDERAL
RWU 25 (23-23B) (wiw)	43-047-16476	99996	23	07S	23E	FEDERAL
RWU 2 (14-24B) (wiw)	43-047-16472	99996	24	07S	23E	FEDERAL
RWU 59 (12-24B) (wiw)	43-047-16477	99996	24	07S	23E	FEDERAL
RWU 275 (31-26B) (wiw)	43-047-31077	99996	26	07S	23E	FEDERAL
RWU 11 (34-27B) (wiw)	43-047-15142	99996	27	07S	23E	FEDERAL
RWU 56 (41-28B) (wiw)	43-047-15182	99996	28	07S	23E	FEDERAL
RWU 264 (31-35B) (wiw)	43-047-30519	99996	35	07S	23E	FEDERAL
RWU 279 (11-36B) (wiw)	43-047-31052	99996	36	07S	23E	FEDERAL

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"** 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: 08/24/2000

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 08/23/2000

2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 08/23/2000

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: 3.5.01

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)
Division of Oil, Gas & Mining
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

SHENANDOAH ENERGY INC.

11002 E. 17500 S.
VERNAL, UT 84078
PHONE: (435) 781-4300
FAX: (435) 781-4329

RED WASH UNIT

RW #11 (34-27B)	SWSE-27-7S-23E	43-047-15142
RW #14 (14-13B)	SWSW-13-7S-23E	43-047-15144
RW #148 (13-22B)	NWSW-22-7S-23E	43-047-15261
RW #156 (23-15B)	NESW-15-7S-23E	43-047-15267
RW #17 (41-20B)	NENE-20-7S-23E	43-047-15146
RW #173 (21-21B)	NENW-21-7S-23E	43-047-16496
RW #174 (21-20B)	NENW-20-7S-23E	43-047-15281
RW #182 (14-21B)	SWSW-21-7S-23E	43-047-16497
RW #183 (33-13B)	NWSE-13-7S-23E	43-047-15289
RW #185 (41-14B)	NENE-14-7S-23E	43-047-16498
RW #2 (14-24B)	SWSW-24-7S-23E	43-047-16472
RW #23 (21-23B)	NENW-23-7S-23E	43-047-15151
RW #25 (23-23B)	NESW-23-7S-23E	43-047-16476
RW #261 (23-17B)	NESW-17-7S-23E	43-047-32739
RW #264 (31-35B)	NWNE-35-7S-23E	43-047-30519
RW #268 (43-17B)	NESE-17-7S-23E	43-047-32980
RW #275 (31-26B)	NWNE-26-7S-23E	43-047-31077
RW #279 (11-36B)	NWNW-36-7S-23E	43-047-31052
RW #34 (-23-14B)	NESW-14-7S-23E	43-047-15161
RW #56 (41-28B)	NENE-28-7S-23E	43-047-15182
RW #59 (12-24B)	SWNW-24-7S-23E	43-047-16477
RW #6 (41-21B)	NENE-21-7S-23E	43-047-16482
RW #91 (33-22B)	NWSE-22-7S-23E	43-047-16479
RW #93 (43-27B)	NESE-27-7S-23E	43-047-16480
RW #134 (14-28B)	SWSW-28-7S-23E	43-047-16489
RW #139 (43-29B)	NESE-29-7S-23E	43-047-16490
RW #150 (31-22B)	NWSE-22-7S-23E	43-047-15263
RW #16 (43-28B)	NESE-28-7S-23E	43-047-16475
RW #170 (41-15B)	NENE-15-7S-23E	43-047-16495
RW #263 (24-26B)	SESW-26-7S-23E	43-047-30518
RW #265 (44-26B)	SESE-26-7S-23E	43-047-30520
RW #266 (33-26B)	NWSE-26-7S-23E	43-047-30521
RW #269 (13-26B)	NWSW-26-7S-23E	43-047-30522
RW #271 (42-35B)	SENE-35-7S-23E	43-047-31081
RW #68 (41-13B)	NENE-13-7S-23E	43-047-16485
RW #97 (23-18C)	NESW-18-7S-24E	43-047-15216
RW #7 (41-27B)	NENE-27-7S-23E	43-047-15205
RW #324 (23-16B)	NESW-16-7S-23E	
RW #301 (43-15B)	NESE-15-7S-23E	43-047-31682
RW #100A (43-21A)	NESE-21-7S-22E	43-047-15219
RW #199 (43-22A)	NESE-22-7S-22E	43-047-15301
RW #216 (21-27A)	NENW-21-7S-22E	43-047-30103
RW #258 (34-22A)	SWSE-22-7S-22E	43-047-30458
RW #202 (21-34A)	NENW-34-7S-22E	43-047-15303
RW 3215 (43-28A)	NESE-28-7S-22E	43-047-30058
RW #61 (12-27A)	SWNW-27-7S-22E	43-047-16478
RW #102 (41-24A)	NENE-24-7S-23E	43-047-15221
RW #88 (23-18B)	NESW-18-7S-23E	43-047-15210
RW #283 (43-18B)	NESE-18-7S-23E	43-047-32982
RW #52 (14-18B)	SWSW-18-7S-23E	43-047-15178
RW #161 (14-20B)	SWSW-20-7S-23E	43-047-15271

Mechanical Integrity Test
Casing or Annulus Pressure Test

U.S. Environmental Protection Agency
Underground Injection Control Program, UIC Implementation Section, 8WM-DW
999 18th Street, Suite 500, Denver, CO 80202-2466

EPA Witness: _____ Date 3/23/00 Time 9:30 am/pm
Test conducted by: M Johnson Big Red Hot Oil
Others present: _____

Well: RWU #185 (41-14B)
Field: Red Wash
Well Location: NE NE Sec. 14 T 7S R 23E

Well ID: API # 43-047-16498
EPA # UT02441
Company: Shenandoah Energy Inc.
Address: 11002 East 17500 So. Vernal, UT 84078-8526

Well Status - Active

Time	Test #1		Test #2		Tubing Pressure	
0 min	1100	psig		psig	1500	psig
5						
10						
15						
20	1100				1500	
25						
30 min	1100				1500	
35						
40						
45						
50						
55						
60 min						
Tubing press		psig		psig		psig
Result (circle)	Pass	Fail	Pass	Fail	Pass	Fail

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OIL, GAS AND MINING

Signature of EPA Witness: _____

See back of page for any additional comments & compliance followup.

This is the front side of two sides

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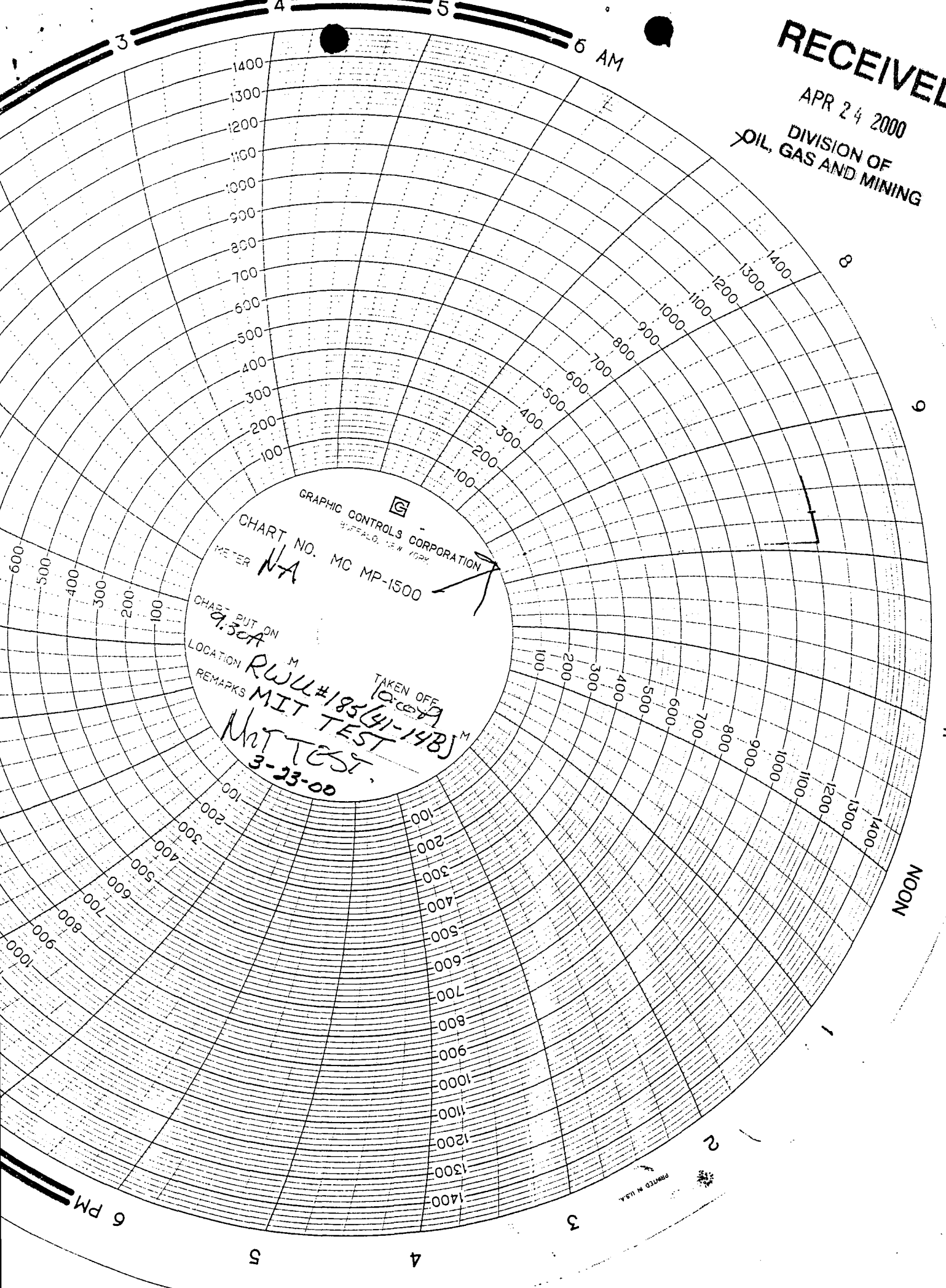
OIL, GAS AND MINING



Gil Hunt

SHENANDOAH ENERGY INC.

11002 East 17500 South
Vernal, Utah 80478
(435) 781-4300
Fax (435) 781-4329

April 19, 2000

MECHANICAL INTEGRITY TESTS
Uintah County, Utah

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DIVISION OF
OIL, GAS AND MINING

Mr. Bahram Jafari
Underground Injection Control Program
United States Environmental Protection Agency
Region VIII
999 18th Street - Suite 500
Denver, Colorado 80202-2466

Dear Mr. Jafari,
Results of recent mechanical integrity tests for the following wells are enclosed. If you have any questions or comments, please contact me at (435) 781-4301.

Well Name	EPA ID#
Costas Federal #1-20-4B	UT2726-03792
RWU # 91 (33-22B)	UT02423
RWU #264 (31-35B)	UT02449
RWU #102 (41-24A)	UT02406
RWU #185 (41-14B)	UT02441
GHU # 12	UT2727-03794
WVFU # 9	UT02466

Sincerely,

J. T. Conley
District Manager

cc Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, UT 84114-5801
Attn. Mr. Gil Hunt

U.S Department of the Interior
Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: See Attachment

Field or Unit name: _____ API no. _____

Well location: QQ _____ section ___ township ___ range ___ county _____

Effective Date of Transfer: _____

CURRENT OPERATOR

Transfer approved by:

Name R.K. Wackowski

Signature [signature]

Title Unit Manager

Date 7/28/00

Company Chevron Production Co.

Address 100 Chevron Rd.
Rangely, Colo. 81648

Phone (970) 675-3714

Comments:

NEW OPERATOR

Transfer approved by:

Name John Conley

Signature [signature]

Title District Manager

Date 7-21-00

Company Shenandoah Energy Inc.

Address 11002 E. 17500 S.
Vernal, UT 84078

Phone (435) 781-4300

Comments:

(State use only)
Transfer approved by [signature] Title Tech. Services Manager

Approval Date 8-24-00

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(3/89)

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 UNIT**

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	Confid
RWU 199 (43-22A)	22	070S	220E	4304715301	5670	Federal	WI	A	
RWU 258 (34-22A)	22	070S	220E	4304730458	5670	Federal	WI	A	
RWU 216 (21-27A)	27	070S	220E	4304730103	5670	Federal	WI	A	
RWU 215 (43-28A)	28	070S	220E	4304730058	5670	Federal	WI	A	
RWU 202 (21-34A)	34	070S	220E	4304715303	5670	Federal	WI	I	
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 170 (41-15B)	15	070S	230E	4304716495	5670	Federal	WI	I	
RWU 268 (43-17B)	17	070S	230E	4304732980	5670	Federal	WI	A	
RWU 174 (21-20B)	20	070S	230E	4304715281	5670	Federal	WI	A	
RWU 173 (21-21B)	21	070S	230E	4304716496	5670	Federal	WI	A	
RWU 182 (14-21B)	21	070S	230E	4304716497	5670	Federal	WI	A	
RWU 23 (21-23B)	23	070S	230E	4304715151	5670	Federal	WI	A	
RWU 25 (23-23B)	23	070S	230E	4304716476	5670	Federal	WI	A	
RWU 2 (14-24B)	24	070S	230E	4304716472	5670	Federal	WI	A	
RWU 263 (24-26B)	26	070S	230E	4304730518	5670	Federal	WI	I	
RWU 266 (33-26B)	26	070S	230E	4304730521	5670	Federal	WI	I	
RWU 213 (41-33B)	33	070S	230E	4304720060	5670	Federal	WD	A	
RWU 264 (31-35B)	35	070S	230E	4304730519	5670	Federal	WI	A	
RWU 23-18C (97)	18	070S	240E	4304715216	5670	Federal	WI	I	

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: 9/10/2003

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 9/16/2003
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 9/16/2003
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

tar Exploration and Production Company
pendence 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
Division Landman

Enclosure

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DIV. OF OIL, GAS & MINING

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

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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number: See Attached List	API Number:
Location of Well Footage : QQ, Section, Township, Range: County : Uintah State : UTAH	Field or Unit Name: Red Wash Lease Designation and Number:

EFFECTIVE DATE OF TRANSFER: _____

CURRENT OPERATOR

Company: Shenandoah Energy Inc.
Address: 11002 East 17500 South
city Vernal state UT zip 84078
Phone: (435) 781-4300
Comments:

Name: John Busch
Signature: John Busch
Title: District Foreman
Date: 9-02-03

NEW OPERATOR

Company: QEP Uinta Basin, Inc.
Address: 11002 East 17500 South
city Vernal state UT zip 84078
Phone:
Comments:

Name: John Busch
Signature: John Busch
Title: District Foreman
Date: 9-02-03

(This space for State use only)

Transfer approved by: [signature]
Title: Tech. Services Manager

Approval Date: 9-10-03

Comments: Cause #105-01
Located in Indian Country, EPA is primary use agency.

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(5/2000)

well_name	Sec	T	R	api	Entity	Lease Type	type	stat	Field	Footages
RED WASH UNIT 261	17	070S	230E	4304732739	5670	Federal	WI	A	Red Wash	1785 FSL, 1843 FWL
RWU 100-A (43-21A)	21	070S	220E	4304715219	5670	Federal	WI	A	Red Wash	1787 FSL, 534 FEL
RWU 102 (41-24A)	24	070S	220E	4304715221	5670	Federal	WI	A	Red Wash	1360 FNL, 660 FEL
RWU 11	27	070S	230E	4304715142	5670	Federal	WI	A	Red Wash	660 FSL, 2030 FEL
RWU 11-19B	19	070S	230E	4304733552	5670	Federal	WI	A	Red Wash	618 FNL, 477 FWL
RWU 11-20B	20	070S	230E	4304733553	5670	Federal	WI	A	Red Wash	761 FNL, 677 FWL
RWU 11-25A	25	070S	220E	4304733574	5670	Federal	WI	A	Red Wash	1206 FNL, 491 FWL
RWU 11-29B	29	070S	230E	4304733590	5670	Federal	WI	A	Red Wash	786 FNL, 819 FWL
RWU 11-30B	30	070S	230E	4304733785	5670	Federal	WI	A	Red Wash	590 FNL, 787 FWL
RWU 12-24A	24	070S	220E	4304733591	5670	Federal	WI	A	Red Wash	1528 FNL, 930 FWL
RWU 13-19B	19	070S	230E	4304733497	5670	Federal	WI	A	Red Wash	1802 FSL, 374 FWL
RWU 13-20B	20	070S	230E	4304733498	5670	Federal	WI	A	Red Wash	2143' FSL, 704' FWL
RWU 13-25A	25	070S	220E	4304733575	5670	Federal	WI	A	Red Wash	1446 FSL, 664 FWL
RWU 14 (14-13B)	13	070S	230E	4304715144	5670	Federal	WI	A	Red Wash	660 FSL, 660 FWL
RWU 148 (13-22B)	22	070S	230E	4304715261	5670	Federal	WI	A	Red Wash	2073 FSL, 660 FWL
RWU 150 (31-22B)	22	070S	230E	4304715263	5670	Federal	WI	I	Red Wash	595 FNL, 1935 FEL
RWU 156 (23-15B)	15	070S	230E	4304715267	5670	Federal	WI	A	Red Wash	2115 FSL, 1982 FWL
RWU 16 (43-28B)	28	070S	230E	4304716475	5670	Federal	WI	I	Red Wash	1980 FSL, 660 FEL
RWU 161 (14-20B)	20	070S	230E	4304715271	5670	Federal	WI	I	Red Wash	660 FSL, 678 FWL
RWU 17 (41-20B)	20	070S	230E	4304715146	5670	Federal	WI	A	Red Wash	660 FNL, 660 FEL
RWU 170 (41-15B)	15	070S	230E	4304716495	5670	Federal	WI	I	Red Wash	660 FNL, 660 FEL
RWU 173 (21-21B)	21	070S	230E	4304716496	5670	Federal	WI	A	Red Wash	660 FNL, 1980 FWL
RWU 174 (21-20B)	20	070S	230E	4304715281	5670	Federal	WI	A	Red Wash	660 FNL, 1980 FWL
RWU 182 (14-21B)	21	070S	230E	4304716497	5670	Federal	WI	A	Red Wash	629 FSL, 652 FWL
RWU 183 (33-13B)	13	070S	230E	4304715289	5670	Federal	WI	A	Red Wash	1833 FSL, 2027 FEL
RWU 185 (41-1B)	14	070S	230E	4304716498	5670	Federal	WI	A	Red Wash	747 FNL, 660 FEL
RWU 199 (43-22A)	22	070S	220E	4304715301	5670	Federal	WI	A	Red Wash	1980 FSL, 658 FEL
RWU 2 (14-24B)	24	070S	230E	4304716472	5670	Federal	WI	A	Red Wash	735 FSL, 790 FWL
RWU 202 (21-34A)	34	070S	220E	4304715303	5670	Federal	WI	I	Red Wash	660 FNL, 1980 FWL
RWU 213 (41-33B)	33	070S	230E	4304720060	5670	Federal	WD	A	Red Wash	660 FNL, 580 FEL
RWU 215 (43-28A)	28	070S	220E	4304730058	5670	Federal	WI	A	Red Wash	1980' FSL, 661 FEL
RWU 216 (21-27A)	27	070S	220E	4304730103	5670	Federal	WI	A	Red Wash	660 FNL, 1976 FWL
RWU 23 (21-23B)	23	070S	230E	4304715151	5670	Federal	WI	A	Red Wash	695 FNL, 2015 FWL
RWU 23-18C (97)	18	070S	240E	4304715216	5670	Federal	WI	I	Red Wash	1956 FSL, 1699 FWL
RWU 25 (23-23B)	23	070S	230E	4304716476	5670	Federal	WI	A	Red Wash	1980 FSL, 1980 FWL
RWU 258 (34-22A)	22	070S	220E	4304730458	5670	Federal	WI	A	Red Wash	885 FSL, 2025 FEL

RWU 263 (24-26B)	26	070S	230E	4304730518	5670	Federal	WI	I	Red Wash	591 FSL, 2007 FWL
RWU 264 (31-35B)	35	070S	230E	4304730519	5670	Federal	WI	A	Red Wash	687 FNL, 2025 FEL
RWU 266 (33-26B)	26	070S	230E	4304730521	5670	Federal	WI	I	Red Wash	1980 FSL, 1980 FEL
RWU 268 (43-17B)	17	070S	230E	4304732980	5670	Federal	WI	A	Red Wash	1924 FSL, 981 FEL
RWU 269 (13-26B)	26	070S	230E	4304730522	5670	Federal	WI	I	Red Wash	2170' FSL, 670' FWL
RWU 271 (42-35B)	35	070S	230E	4304731081	5670	Federal	WI	I	Red Wash	1979 FNL, 660 FEL
RWU 274 (13-25B)	25	070S	230E	4304731083	5670	Federal	WI		Red Wash	2129 FSL, 659 FWL
RWU 275 (31-26B)	26	070S	230E	4304731077	5670	Federal	WI	A	Red Wash	675 FNL, 1869 FEL
RWU 279 (11-36B)	36	070S	230E	4304731052	5670	Federal	WI	A	Red Wash	659 FNL, 660 FWL
RWU 283 (43-18B)	18	070S	230E	4304732982	5670	Federal	WI	A	Red Wash	1899 FSL, 708 FEL
RWU 31-19B	19	070S	230E	4304733555	5670	Federal	WI	A	Red Wash	601 FNL, 1770 FEL
RWU 31-25A	25	070S	220E	4304733577	5670	Federal	WI	A	Red Wash	1248 FNL, 2159 FEL
RWU 31-30B	30	070S	230E	4304733788	5670	Federal	WI	A	Red Wash	950 FNL, 1943 FEL
RWU 33-19B	19	070S	230E	4304733499	5670	Federal	WI	A	Red Wash	2606 FSL, 1851 FEL
RWU 33-20B	20	070S	230E	4304733500	5670	Federal	WI	A	Red Wash	2210 FSL, 2295 FEL
RWU 33-25A	25	070S	220E	4304733578	5670	Federal	WI	A	Red Wash	1413 FSL, 1809 FEL
RWU 33-30B	30	070S	230E	4304733790	5670	Federal	WI	A	Red Wash	1775 FSL, 1937 FEL
RWU 34 (23-14B)	14	070S	230E	4304715161	5670	Federal	WI	A	Red Wash	1980 FSL, 1980 FWL
RWU 34-13A	13	070S	220E	4304733593	5670	Federal	WI	A	Red Wash	1302 FSL, 1725 FEL
RWU 34-24A	24	070S	220E	4304733568	5670	Federal	WI	A	Red Wash	1295 FSL, 2125 FEL
RWU 48 (32-19B)	19	070S	230E	4304715174	5670	Federal	WI	I	Red Wash	1830 FNL, 1980 FEL
RWU 56 (41-28B)	28	070S	230E	4304715182	5670	Federal	WI	A	Red Wash	660 FNL, 660 FEL
RWU 59 (12-24B)	24	070S	230E	4304716477	5670	Federal	WI	A	Red Wash	1980 FNL, 660 FWL
RWU 6 (41-21B)	21	070S	230E	4304716482	5670	Federal	WI	A	Red Wash	660' FNL, 660 FEL
RWU 61 (12-27A)	27	070S	220E	4304716478	5670	Federal	WI	I	Red Wash	2034 FNL, 689 FWL
RWU 68 (41-13B)	13	070S	230E	4304716485	5670	Federal	WI	I	Red Wash	660 FNL, 660 FEL
RWU 7 (41-27B)	27	070S	230E	4304716473	5670	Federal	WI	I	Red Wash	567 FNL, 621 FEL
RWU 88 (23-18B)	18	070S	230E	4304715210	5670	Federal	WI	A	Red Wash	1980 FSL, 1980 FWL
RWU 91 (33-22B)	22	070S	230E	4304716479	5670	Federal	WI	A	Red Wash	1980 FSL, 3300 FWL
RWU 93 (43-27B)	27	070S	230E	4304716480	5670	Federal	WI	I	Red Wash	660 FSL, 660 FEL
RWU 324 (23-16B)	16	070S	230E	4304733084	5670	State	WI	I	Red Wash	1274 FSL, 1838 FWL

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)

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APR 19 2007
DIV. OF OIL, GAS & MINING

(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 11-20B	20	070S	230E	4304733553	5670	Federal	WI	A	
RW 31-19B	19	070S	230E	4304733555	5670	Federal	WI	A	
RW 34-24A	24	070S	220E	4304733568	5670	Federal	WI	A	
RW 11-25A	25	070S	220E	4304733574	5670	Federal	WI	A	
RW 13-25A	25	070S	220E	4304733575	5670	Federal	WI	A	
RW 31-25A	25	070S	220E	4304733577	5670	Federal	WI	A	
RW 33-25A	25	070S	220E	4304733578	5670	Federal	WI	TA	
RW 11-29B	29	070S	230E	4304733590	5670	Federal	WI	A	
RW 12-24A	24	070S	220E	4304733591	5670	Federal	WI	A	
RW 34-13A	13	070S	220E	4304733593	5670	Federal	WI	A	
RW 11-30B	30	070S	230E	4304733785	5670	Federal	WI	A	
RW 31-30B	30	070S	230E	4304733788	5670	Federal	WI	A	
RW 33-30B	30	070S	230E	4304733790	5670	Federal	WI	A	

Bonds: BLM = ESB000024
BIA = 956010693
State = 965010695

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

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: 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

(See Instructions on Reverse Side)

(5/2000)

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 41-33B	33	070S	230E	4304720060	5670	Federal	WD	A	
RW 43-28A	28	070S	220E	4304730058	5670	Federal	WD	A	
RW 34-27B	27	070S	230E	4304715142	5670	Federal	WI	A	
RW 14-13B	13	070S	230E	4304715144	5670	Federal	WI	A	
RW 41-20B	20	070S	230E	4304715146	5670	Federal	WI	A	
RW 21-23B	23	070S	230E	4304715151	5670	Federal	WI	A	
RW 23-14B	14	070S	230E	4304715161	5670	Federal	WI	A	
RW 41-28B	28	070S	230E	4304715182	5670	Federal	WI	A	
RW 23-18B	18	070S	230E	4304715210	5670	Federal	WI	A	
RW 43-21A	21	070S	220E	4304715219	5670	Federal	WI	A	
RW 41-24A	24	070S	220E	4304715221	5670	Federal	WI	A	
RW 13-22B	22	070S	230E	4304715261	5670	Federal	WI	A	
RW 23-15B	15	070S	230E	4304715267	5670	Federal	WI	A	
RW 21-20B	20	070S	230E	4304715281	5670	Federal	WI	A	
RW 33-13B	13	070S	230E	4304715289	5670	Federal	WI	A	
RW 21-34A	34	070S	220E	4304715303	5670	Federal	WI	I	
RW 14-24B	24	070S	230E	4304716472	5670	Federal	WI	A	
RW 41-27B	27	070S	230E	4304716473	5670	Federal	WI	I	
RW 43-28B	28	070S	230E	4304716475	5670	Federal	WI	S	
RW 23-23B	23	070S	230E	4304716476	5670	Federal	WI	A	
RW 12-24B	24	070S	230E	4304716477	5670	Federal	WI	A	
RW 33-22B	22	070S	230E	4304716479	5670	Federal	WI	A	
RW 41-21B	21	070S	230E	4304716482	5670	Federal	WI	A	
RW 41-15B	15	070S	230E	4304716495	5670	Federal	WI	I	
RW 21-21B	21	070S	230E	4304716496	5670	Federal	WI	A	
RW 14-21B	21	070S	230E	4304716497	5670	Federal	WI	A	
RW 41-14B	14	070S	230E	4304716498	5670	Federal	WI	A	
RW 21-27A	27	070S	220E	4304730103	5670	Federal	WI	A	
RW 34-22A	22	070S	220E	4304730458	5670	Federal	WI	A	
RW 24-26B	26	070S	230E	4304730518	5670	Federal	WI	I	
RW 31-35B	35	070S	230E	4304730519	5670	Federal	WI	A	
RW 33-26B	26	070S	230E	4304730521	5670	Federal	WI	I	
RW 13-26B	26	070S	230E	4304730522	5670	Federal	WI	A	
RW 11-36B	36	070S	230E	4304731052	5670	Federal	WI	A	
RW 31-26B	26	070S	230E	4304731077	5670	Federal	WI	A	
RW 42-35B	35	070S	230E	4304731081	5670	Federal	WI	I	
RW 23-17B	17	070S	230E	4304732739	5670	Federal	WI	A	
RW 43-17B	17	070S	230E	4304732980	5670	Federal	WI	A	
RW 43-18B	18	070S	230E	4304732982	5670	Federal	WI	A	
RW 13-19B	19	070S	230E	4304733497	5670	Federal	WI	A	
RW 13-20B	20	070S	230E	4304733498	5670	Federal	WI	A	
RW 33-19B	19	070S	230E	4304733499	5670	Federal	WI	A	
RW 33-20B	20	070S	230E	4304733500	5670	Federal	WI	A	
RW 11-19B	19	070S	230E	4304733552	5670	Federal	WI	A	

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

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

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number See Attached List	API Number Attached
Location of Well Footage : Attached County : QQ, Section, Township, Range: State : UTAH	Field or Unit Name Attached Lease Designation and Number Attached

EFFECTIVE DATE OF TRANSFER: 6/14/2010

CURRENT OPERATOR

Company: Questar Exploration and Production Company
Address: 1050 17th Street, Suite 500
city Denver state CO zip 80265
Phone: (303) 672-6900
Comments:

Name: Ann Petrik
Signature:
Title: Engineering Analyst
Date: 6/28/2010

NEW OPERATOR

Company: QEP Energy Company
Address: 1050 17th Street, Suite 500
city Denver state CO zip 80265
Phone: (303) 672-6900
Comments:

Name: Ann Petrik
Signature:
Title: Engineering Analyst
Date: 6/28/2010

(This space for State use only)

Transfer approved by:
Title:
Comments:

Approval Date:

EPA approved well

Accepted by the
Utah Division of
Oil, Gas and Mining
Date: 6/29/10
By: D. Jarvis

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

(5/2000)

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-081

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 Water Injection Well

8. WELL NAME and NUMBER: RW 41-14B

2. NAME OF OPERATOR: QEP ENERGY COMPANY

9. API NUMBER: 43047164980000

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: 0747 FNL 0660 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 14 Township: 07.0S Range: 23.0E 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 10,515' 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: 746'FNL, 663' FEL. QEP Energy Company respectfully requests the type of well change- From: Water Injection To: Gas. Please refer to the following plans: Surface Use Plan, 8-Point Drilling Plan, Plat Package, Weed Data Sheet

645818X
4452790Y

40.214748
-109.286436

Approved by the Utah Division of Oil, Gas and Mining

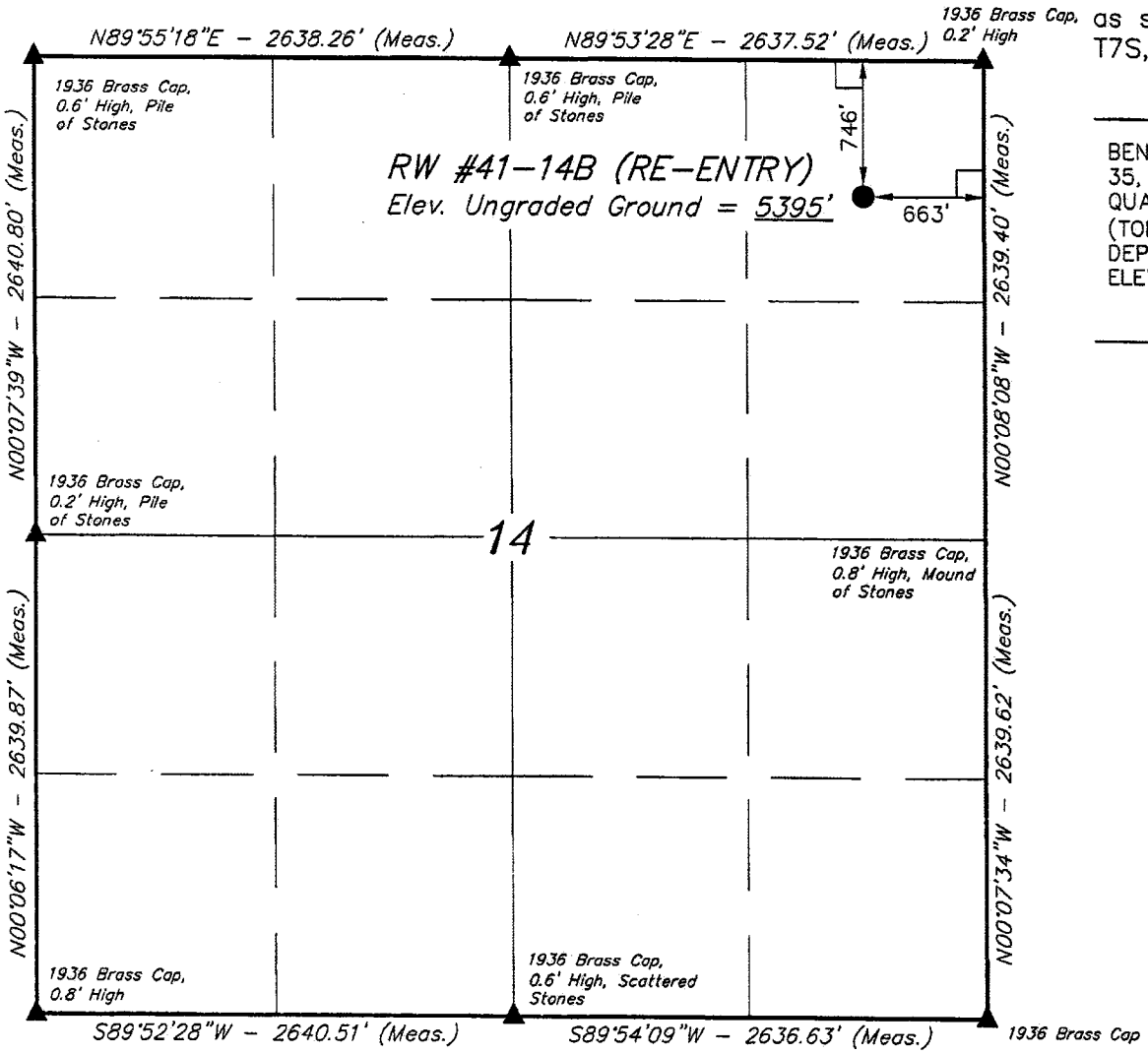
Date: 05-12-11

By:

Federal Approval of this Action is Necessary

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Valyn Davis	435 781-4369	Regulatory Affairs Analyst
SIGNATURE N/A		**DATE** 4/27/2011

T7S, R23E, S.L.B.&M.



QEP ENERGY COMPANY

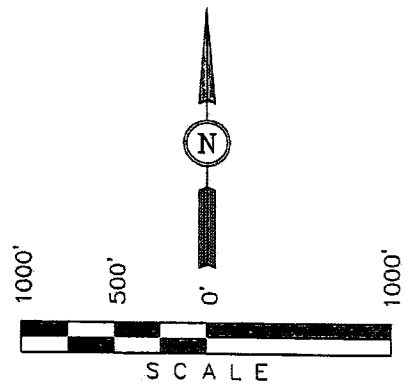
Well location, RW #41-14B (RE-ENTRY), located as shown in the NE 1/4 NE 1/4 of Section 14, T7S, R23E, S.L.B.&M., Uintah County, Utah.

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. 161318
STATE OF UTAH

LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

(NAD 83)
LATITUDE = 40°12'52.98" (40.214717)
LONGITUDE = 109°17'14.12" (109.287256)
(NAD 27)
LATITUDE = 40°12'53.11" (40.214753)
LONGITUDE = 109°17'11.67" (109.286575)

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

SCALE 1" = 1000'	DATE SURVEYED: 11-05-10	DATE DRAWN: 12-16-10
PARTY A.F. J.C. C.H.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE QEP ENERGY COMPANY	

QEP Energy Company
RW 41-14B Drilling Prog
API: 43-047-16498
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 10,515.
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 41-14B (API#: 43-047-16498)

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	2,782'
Mahogany	3,449'
Wasatch	5,635'
Original TD	5,660'
Mesaverde	7,935'
Sego	10,415'
TD	10,515'

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	5,635'
Gas	Mesaverde	7,935'
Gas	Sego	10,415'

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	234'	40.5#	J-55	STC	Existing	N/A
8 3/4"	7"	sfc	5,660'	23#	J-55	LTC	Existing	N/A
6 1/8"	4 1/2"	sfc	10,515'	11.6#	HCP-110	LTC	New	8.8 – 9.6

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
Burst: 1.1
Collapse: 1.1
Tension: 1.4

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) – 7,935. 180 sks (546 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, 0% excess

Tail Slurry: 7,935' – 10,515'. 180 sks (307 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 open 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

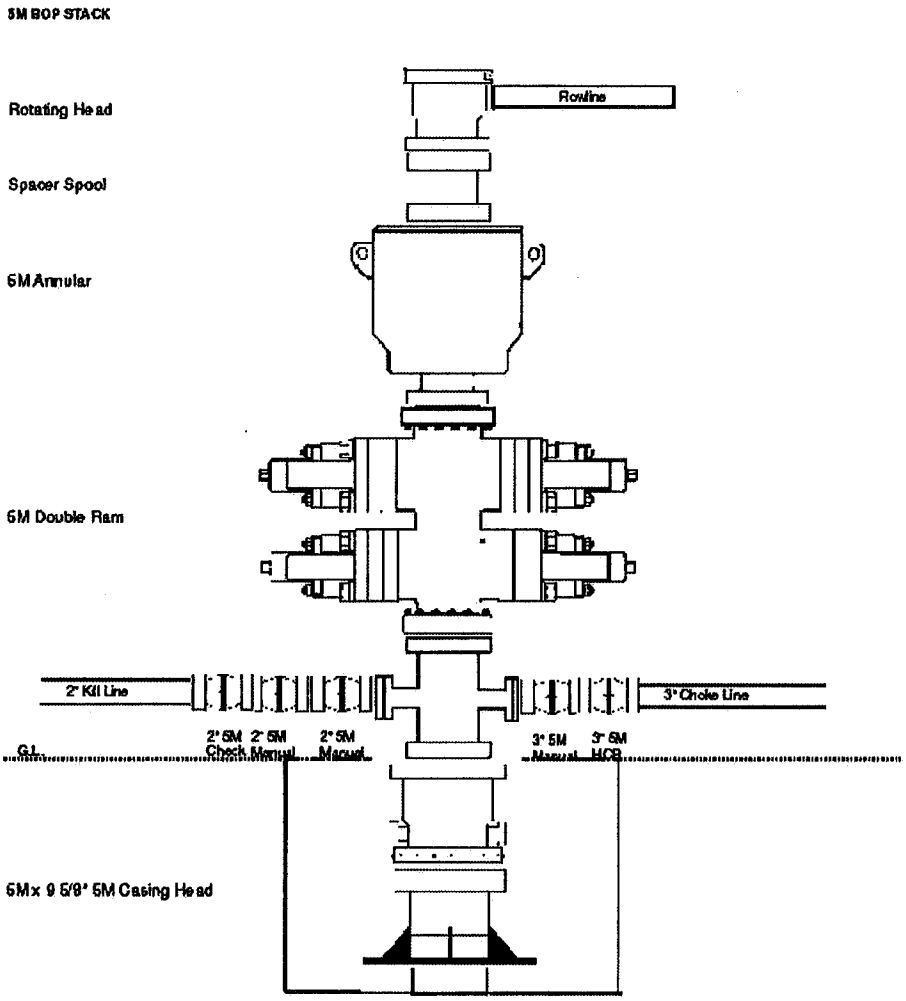
C. Logging – Mud logging – Intermediate Casing to TD
OH Logs: GR-SP-Induction, Neutron Density.

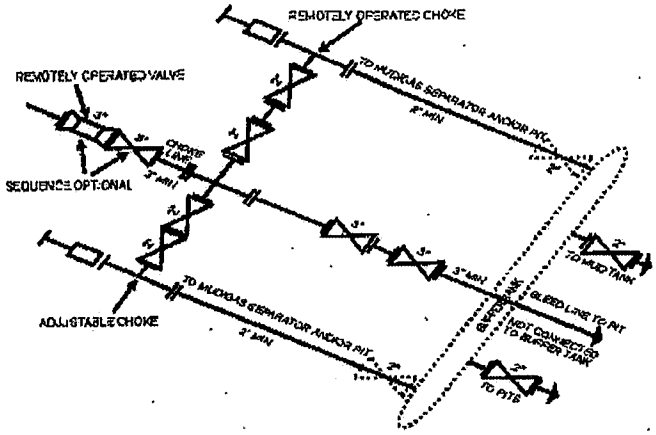
D. Formation and Completion Interval:
– Stimulation will be designed for the particular area of interest as encountered.

8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

No abnormal temperatures or pressures are anticipated. Maximum anticipated bottom hole pressure equals approximately 5,741 psi. Maximum anticipated bottom hole temperature is 210° F.

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


5M BOP STACK
Rotating Head
Rowline
Spacer Spool
6M Annular
6M 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
6Mx 9 5/8" 5M Casing Head



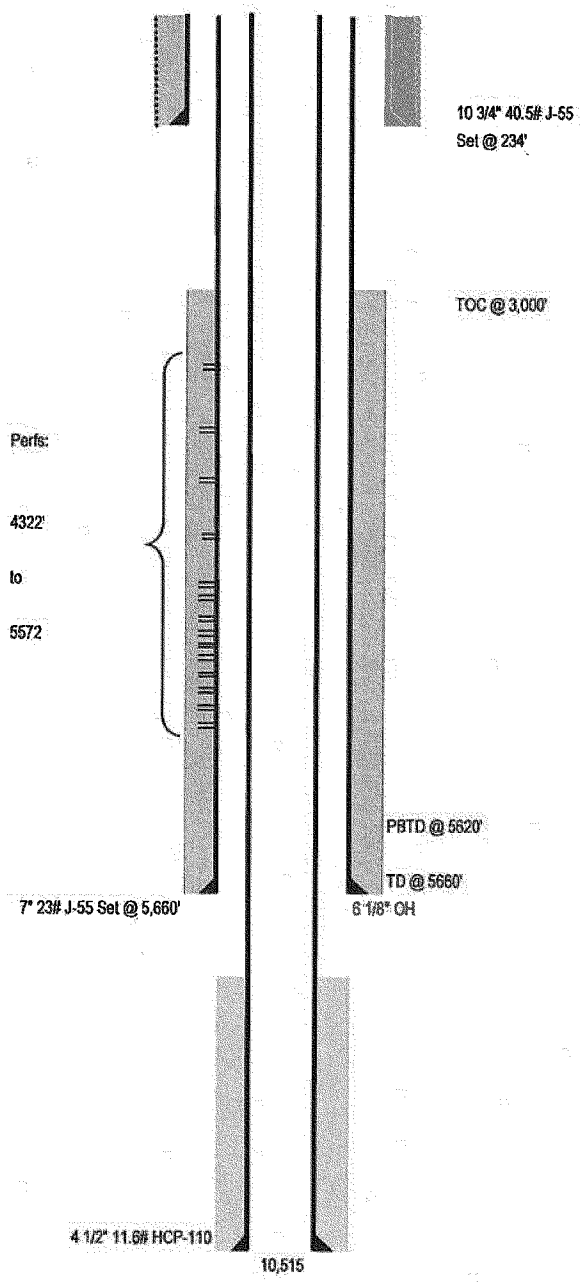
5M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

Although not 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 2M, 3M, 10M, OR 15M drawings, it would also be applicable to those situations.

[54 FR 39528, Sept. 27, 1989]

Updated MPG 12-27-2010

RW 41-14B
API# 43-047-16498
NENE Sec 14 T7S R23E
Uintah County, Utah
KB 5,409'
GL 5,395'
Original Spud 12/15/1962



QEP ENERGY COMPANY
RW 41-14B
746' FNL 663' FEL
NENE, SECTION 14, T7S, R23E
UINTAH COUNTY, UTAH
LEASE # UTU-081

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

An onsite inspection was conducted for the RW 41-14B on April 13, 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 26 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 41-14B 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 permitted ROW area.

Prior to construction, the Permittee will develop a plan of installation to minimize surface disturbance. Pipe will be strung along the ROW 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 along the ROW using conventional methods, the Permittee will utilize pull sections to run the fabricated pipe through the area from central staging areas along the ROW.

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

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

When the surface terrain prohibits the Permittee from safely installing the pipeline along the permitted ROW, grading of the permitted ROW will be required. It is estimated that approximately 826' in length and 30' in width consisting of .59 acres will be graded to install the pipe line. 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 permitted ROW will be restored to the pre-disturbance surface contours.

The proposed pipeline will be a surface 10" or smaller, 2,055' in length, containing 1.42 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 ROW 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 disposal well located in the NESW, Section 28, T7S, R22E,
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 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.

The reserve pit.

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

10. **Fencing Requirements**:

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

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

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

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

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

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

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

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

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

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 4" inches of top soil.

12. <u>Surface Ownership:</u>

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

13. <u>Other Information:</u>

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted on December 16, 2010, **Moac Report No. 10-247** 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 February 21, 2011, **IPC # 10-257** by Stephen D. Sandau. Due to the extreme topographic relief and 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 to monitor the beginning of the construction process and thereafter conduct a spot-monitor as needed. QEP Energy Company will provide Paleo monitor for this project.

Per the onsite on April 13, 2011, the following items were requested/discussed.

Due to the constraints of the pad size on this location, QEP Energy Company will be utilizing the well location RW 42-14B in order to temporarily house additional trailers, generators, water tank, pipe tubs, and other additional miscellaneous drilling equipment. No additional surface disturbance will be required for this request.

Additional Operator Remarks

QEP Energy Company proposes to deepen the existing well bore for the RW 41-14B and drill to a depth of 10,515' 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 #41-14B (RE-ENTRY)

LOCATED IN UINTAH COUNTY, UTAH
SECTION 14, T7S, R23E, S.L.B.&M.

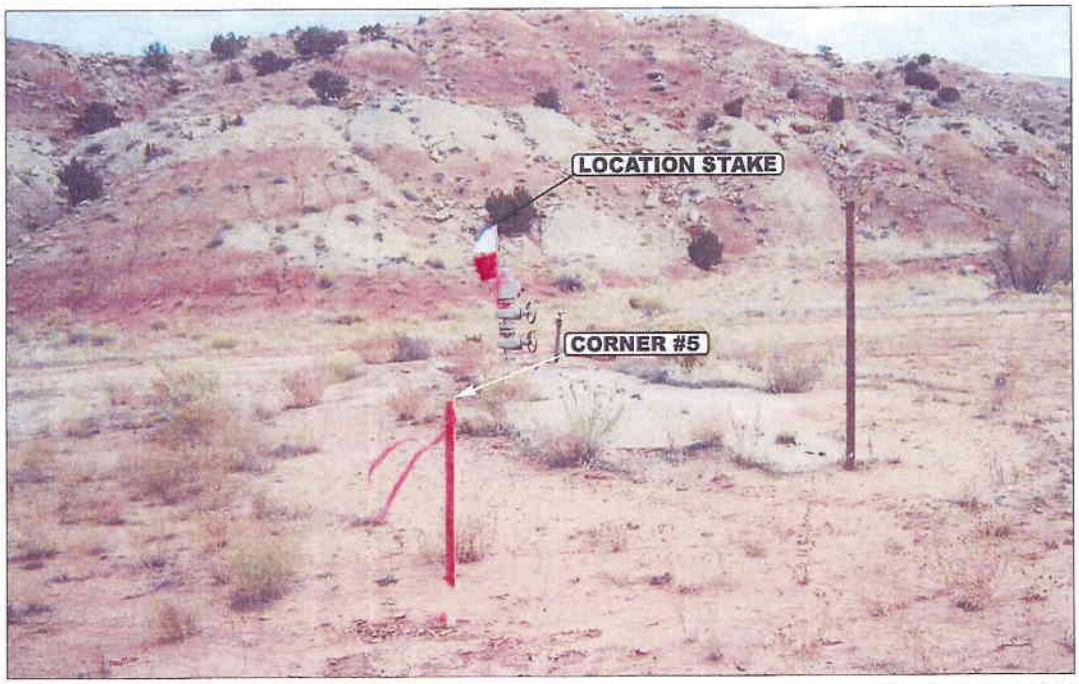


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE **CAMERA ANGLE: NORTHEASTERLY**

PHOTO: VIEW OF EXISTING ACCESS **CAMERA ANGLE: SOUTHEASTERLY**

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

LOCATION PHOTOS	12 MONTH	11 DAY	10 YEAR	PHOTO
TAKEN BY: A.F.	DRAWN BY: J.L.G.	REVISED: 00-00-00		

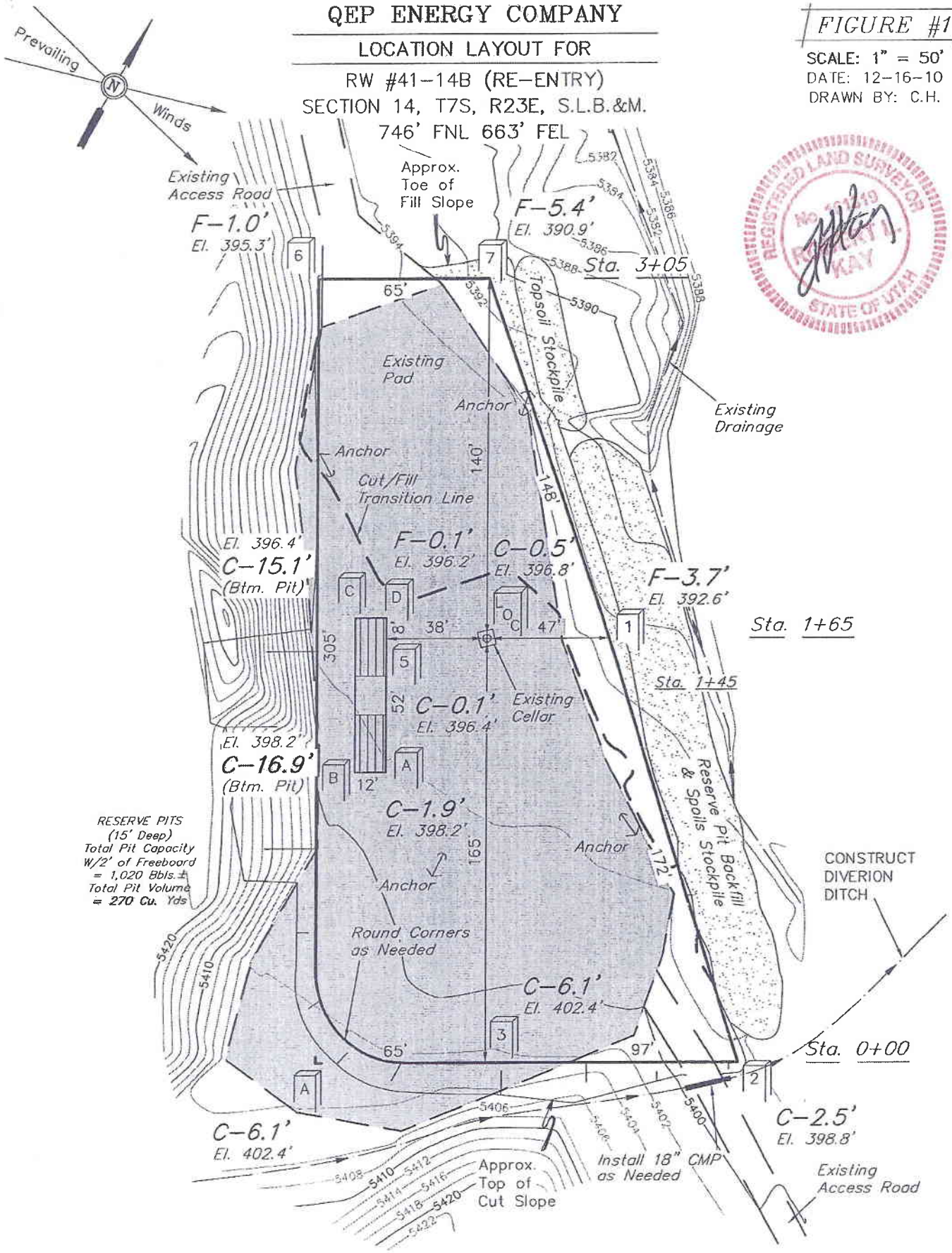
QEP ENERGY COMPANY

LOCATION LAYOUT FOR

RW #41-14B (RE-ENTRY)
SECTION 14, T7S, R23E, S.L.B.&M.
746' FNL 663' FEL

FIGURE #1

SCALE: 1" = 50'
DATE: 12-16-10
DRAWN BY: C.H.



Elev. Ungraded Ground At Loc. Stake = 5396.8'
FINISHED GRADE ELEV. AT LOC. STAKE = 5396.3'

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

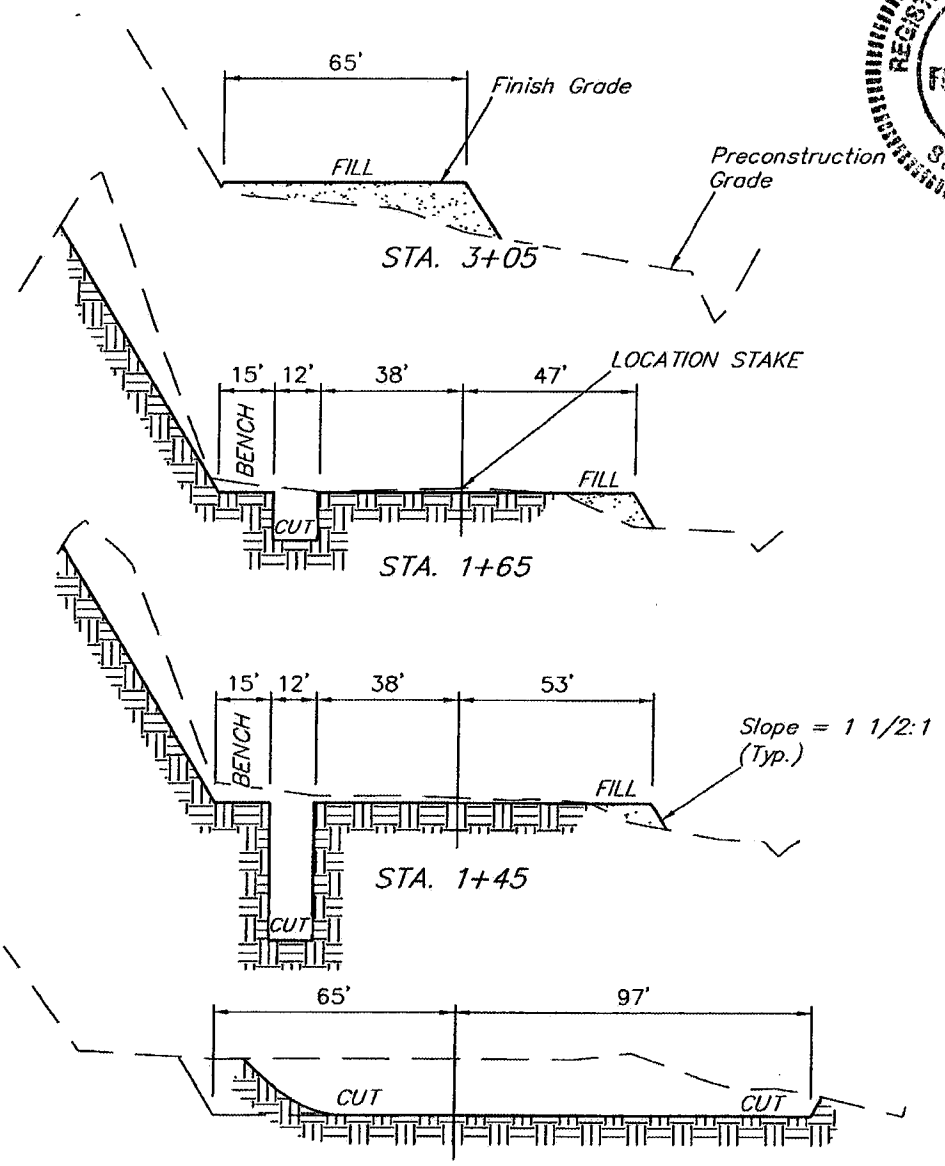
QEP ENERGY COMPANY

TYPICAL CROSS SECTIONS FOR

RW #41-14B (RE-ENTRY)
SECTION 14, T7S, R23E, S.L.B.&M.
746' FNL 663' FEL

FIGURE #2

1" = 20' X-Section Scale
1" = 50'
DATE: 12-16-10
DRAWN BY: C.H.



REGISTERED LAND SURVEYOR No. ROBERT L. MAY STATE OF UTAH

APPROXIMATE ACREAGES

EXISTING DISTURBANCE
WITHIN PROPOSED WELL SITE = ± 0.789 ACRES
REMAINING PROPOSED
WELL SITE DISTURBANCE = ± 0.337 ACRES

PIPELINE DISTURBANCE = ± 1.415 ACRES
TOTAL = ± 2.541 ACRES

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping (New Construction Only)	=	90 Cu. Yds.
Remaining Location	=	2,880 Cu. Yds.
TOTAL CUT	=	2,970 CU.YDS.
FILL	=	780 CU.YDS.
EXCESS MATERIAL	=	2,190 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	230 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	=	1,960 Cu. Yds.

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

QEP ENERGY COMPANY

TYPICAL RIG LAYOUT FOR

RW #41-14B (RE-ENTRY)

SECTION 14, T7S, R23E, S.L.B.&M.

746' FNL 663' FEL

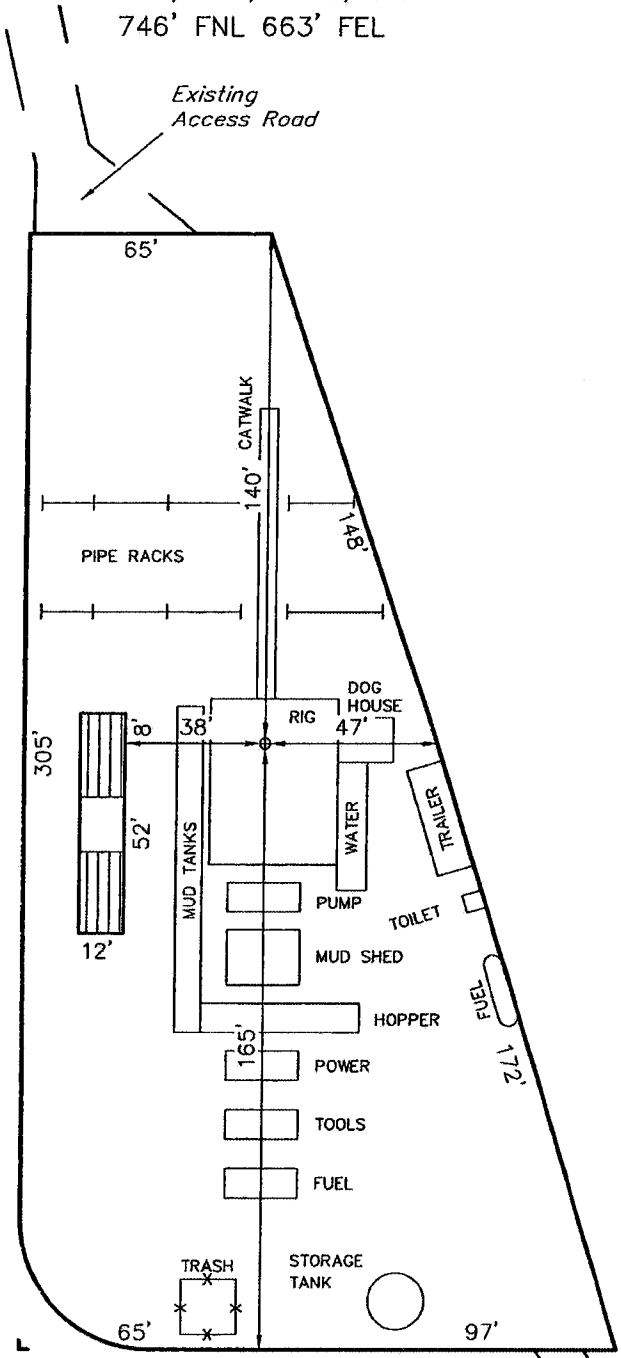
FIGURE #3

SCALE: 1" = 50'

DATE: 12-16-10

DRAWN BY: C.H.

REGISTERED LAND SURVEYOR No. 161319 RONALD L. RAY STATE OF UTAH



RESERVE PITS
(15' Deep)
Total Pit Capacity
W/2' of Freeboard
= 1,020 Bbls.±
Total Pit Volume
= 270 Cu. Yds

Existing Access Road

UINTAH ENGINEERING & LAND SURVEYING

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

QEP ENERGY COMPANY

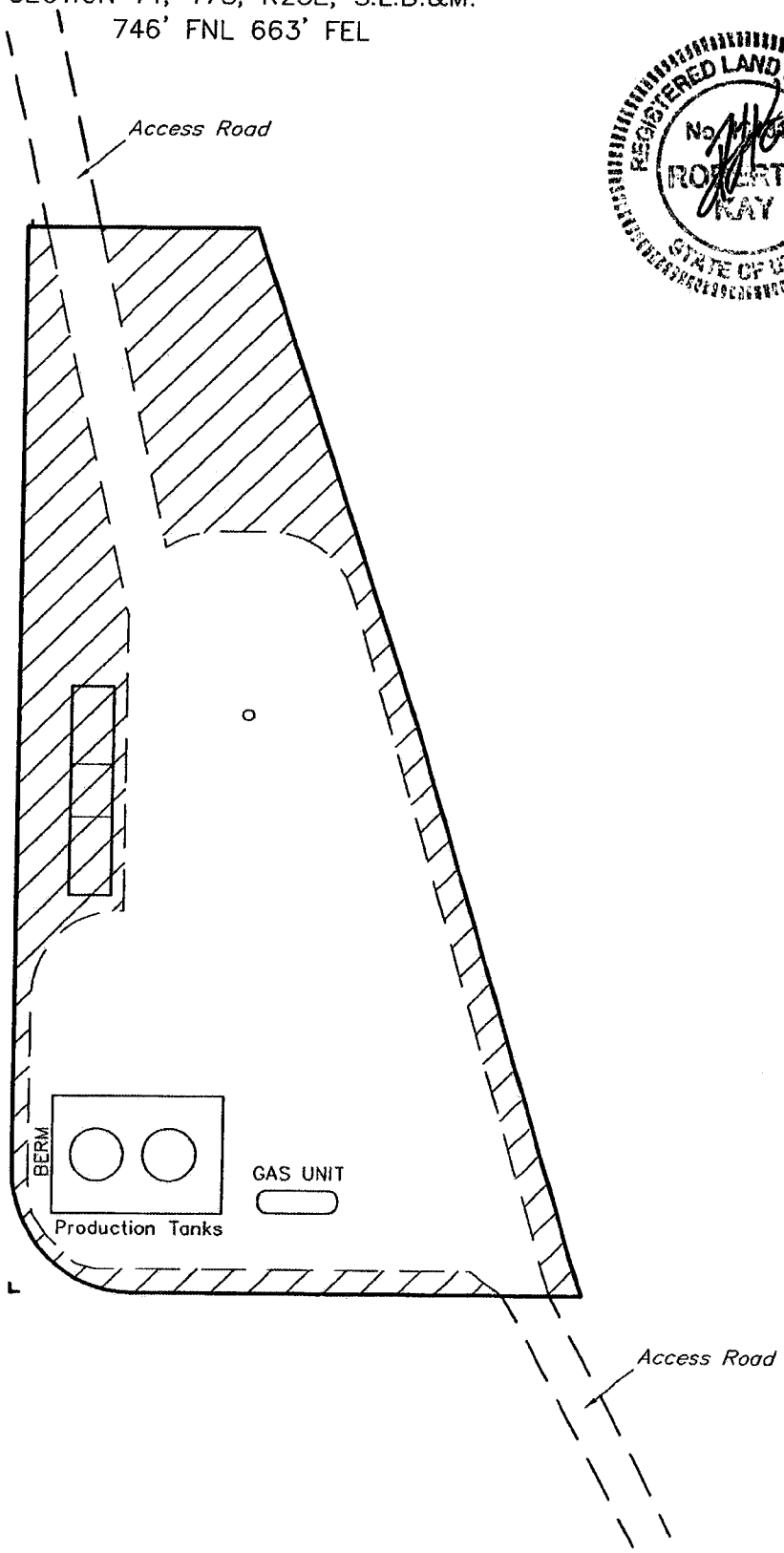
PRODUCTION FACILITY LAYOUT FOR

RW #41-14B (RE-ENTRY)
SECTION 14, T7S, R23E, S.L.B.&M.
746' FNL 663' FEL

FIGURE #4

SCALE: 1" = 50'
DATE: 12-16-10
DRAWN BY: C.H.

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



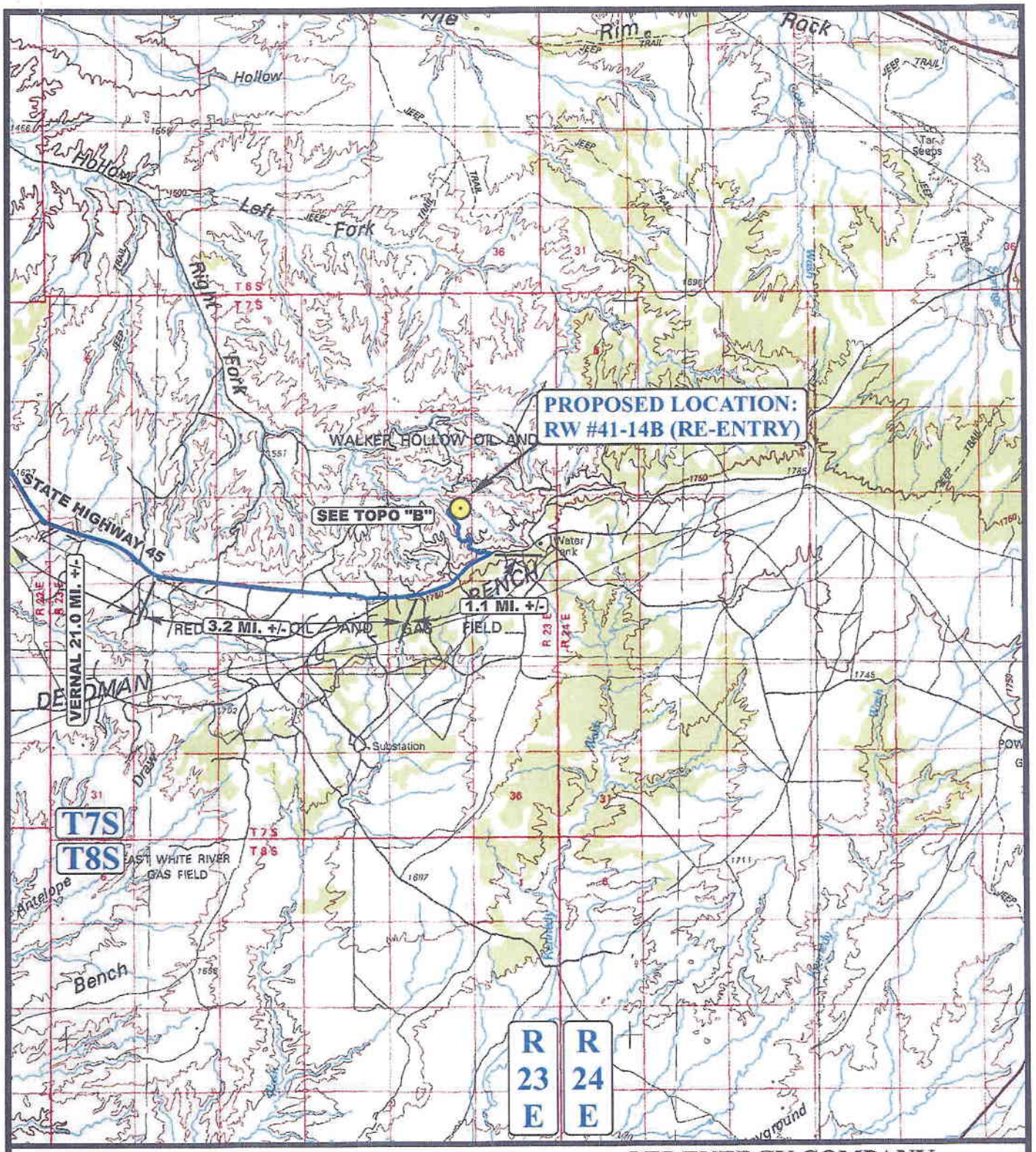
RE-HABBED AREA

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

QEP ENERGY COMPANY
RW #41-14B (RE-ENTRY)
SECTION 14, T7S, R23E, 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 1.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN LEFT AND PROCEED IN A NORTHWESTERLY, THEN NORTHERLY DIRECTION APPROXIMATELY 0.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN LEFT AND PROCEED IN A WESTERLY, THEN NORTHWESTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE PROPOSED LOCATION

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 26.4 MILES.



LEGEND:

PROPOSED LOCATION

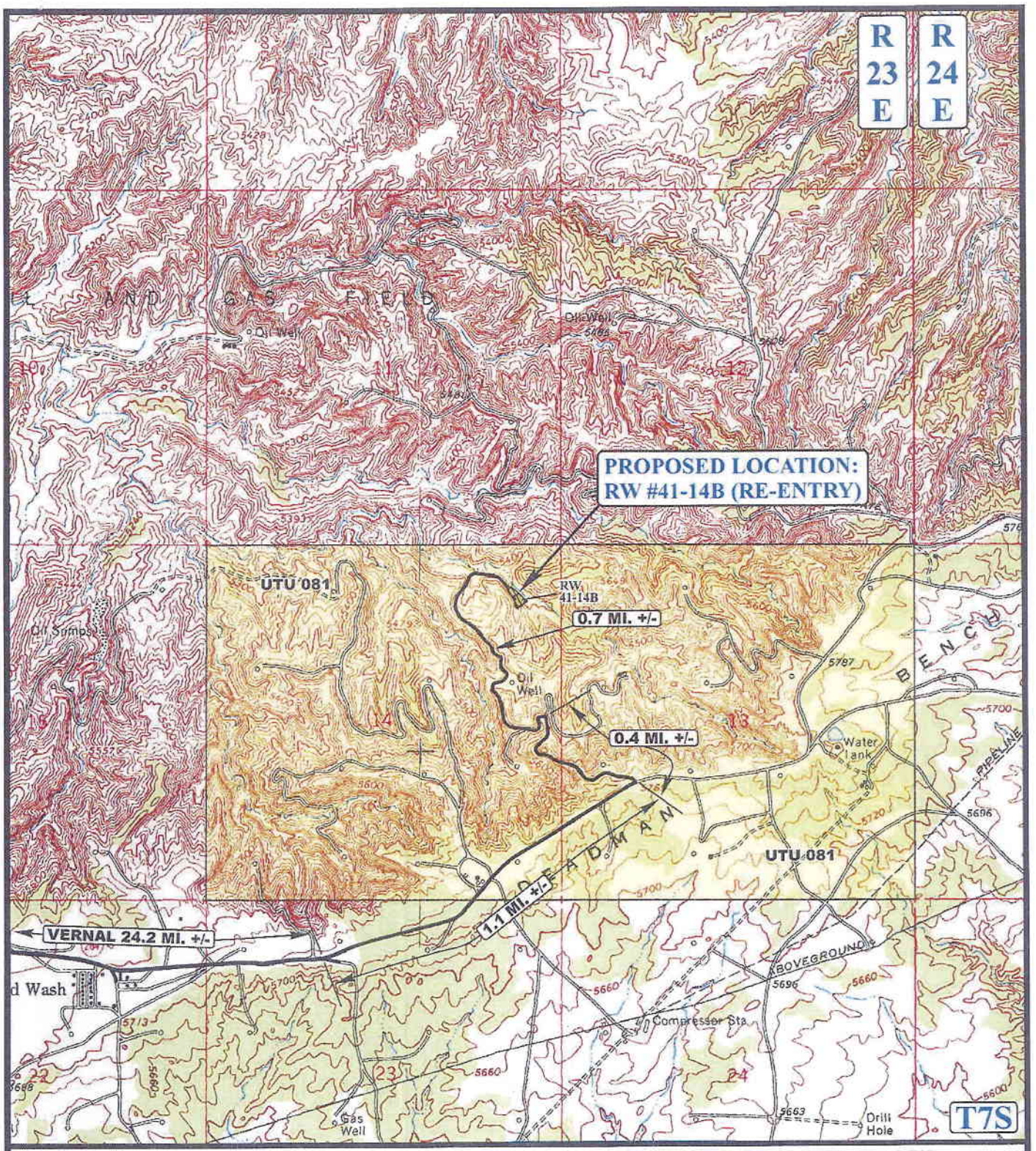
N

QEP ENERGY COMPANY

RW #41-14B (RE-ENTRY)
SECTION 14, T7S, R23E, S.L.B.&M.
746' FNL 663' FEL

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

TOPOGRAPHIC MAP	12 MONTH	11 DAY	10 YEAR	A TOPO
SCALE: 1:100,000	DRAWN BY: J.L.G.	REVISED: 00-00-00		



LEGEND:

EXISTING ROAD

PROPOSED ACCESS ROAD

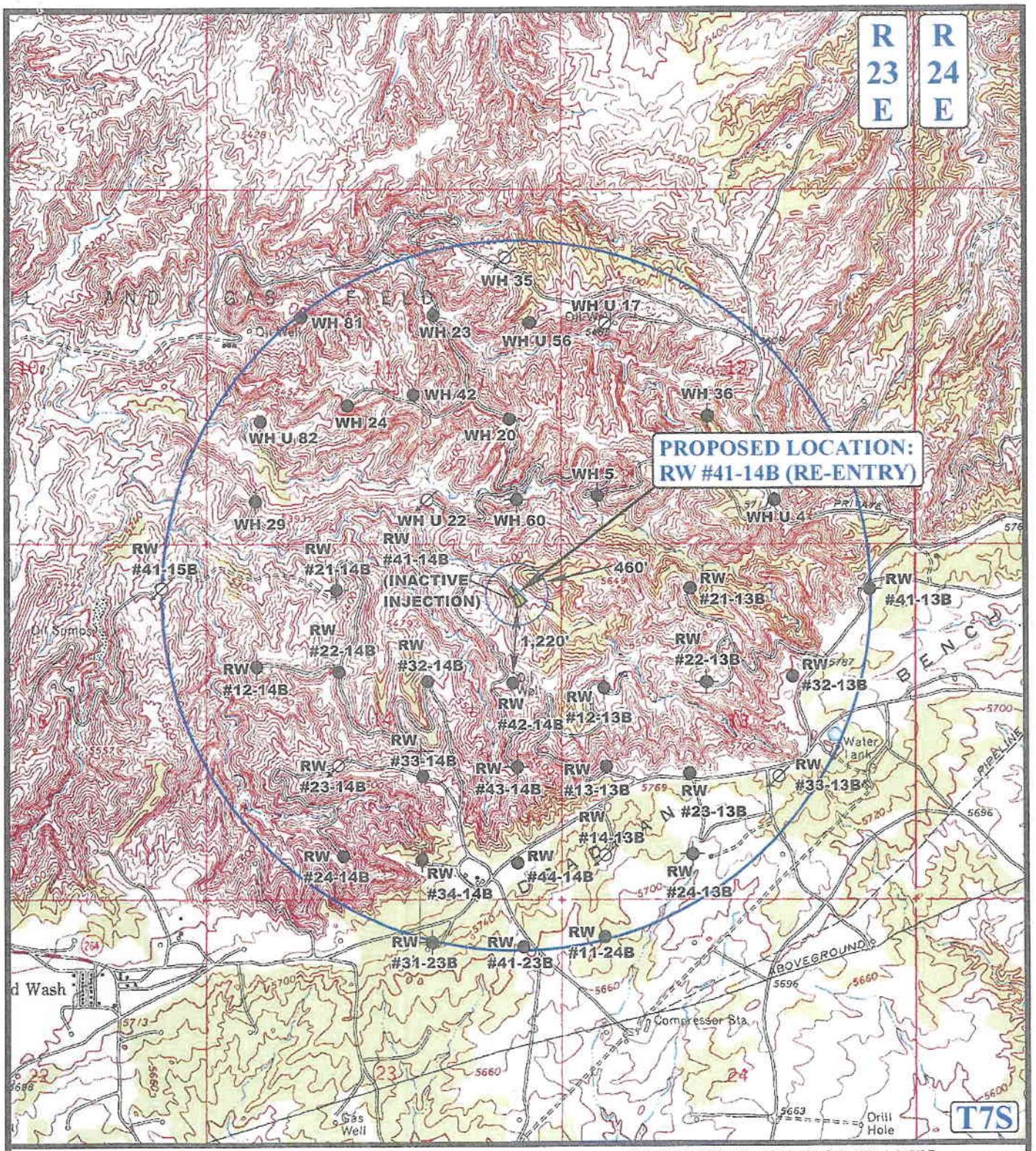
N

QEP ENERGY COMPANY

RW #41-14B (RE-ENTRY)
SECTION 14, T7S, R23E, S.L.B.&M.
746' FNL 663' FEL

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

TOPOGRAPHIC MAP	12 MONTH	11 DAY	10 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

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SECTION 14, T7S, R23E, S.L.B.&M.
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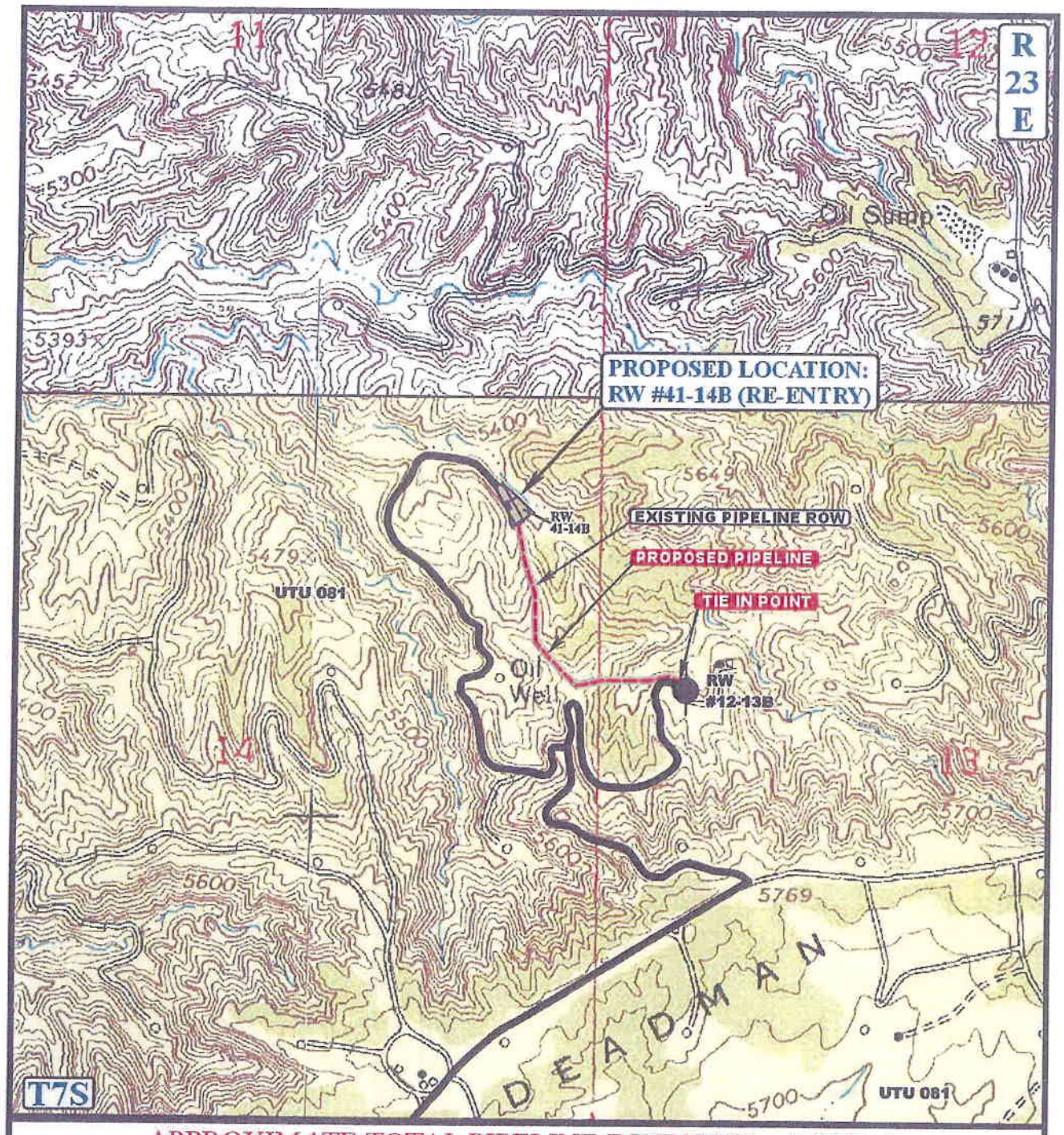
TOPOGRAPHIC MAP	12 MONTH	11 DAY	10 YEAR	C TOPO
SCALE: 1" = 2000'	DRAWN BY: J.L.G.	REVISED: 00-00-00		



APPROXIMATE TOTAL PIPELINE DISTANCE = 2,055' +/-

LEGEND:

- EXISTING PIPELINE
- EXISTING PIPELINE ROW
- PROPOSED PIPELINE
- PROPOSED ACCESS

N

QEP ENERGY COMPANY

RW #41-14B (RE-ENTRY)
SECTION 14, T7S, R23E, S.L.B.&M.
746' FNL 663' FEL

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

TOPOGRAPHIC MAP	12 MONTH	11 DAY	10 YEAR	D TOPO
SCALE: 1" = 1000'	DRAWN BY: J.L.G	REVISED: 01-05-11		

WEED DATA SHEET

PROJECT NAME: RW 41-14B **DATE:** 4-13-11
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.

Seed people: Holly, Andy, Gordon, Aaron, Kevin, Dan, Eric, Dan, Valyn, Ryan

Tamarisk in wash.
8-10 in wash next to 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: ~~3~~ 4
Russian thistle canopy cover: 2
Halogeton canopy cover: 2
Kochia canopy cover: 1

Same veg. + Salt bush
wild onion
mat phlox
mormon tea
ras bush
bl. sage
ceguinweed
WBS NOT IRG
Brom SW
Galleta

No REF SITE, TOO MUCH TOPO
Use Ref site from RW34-14B

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/27/2011

API NO. ASSIGNED: 43-047-16498

WELL NAME: RW 41-14B
OPERATOR: QEP ENERGY COMPANY (N3700)
CONTACT: VALYN DAVIS

PHONE NUMBER: 435-781-4369

PROPOSED LOCATION:
NENE 14 070S 230E
SURFACE: 0746 FNL 0663 FEL
BOTTOM: 0746 FNL 0663 FEL
COUNTY: UINTAH
LATITUDE: 40.21475 LONGITUDE: -109.28644
UTM SURF EASTINGS: 645818 NORTHINGS: 4452790
FIELD NAME: RED WASH (665)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal
LEASE NUMBER: U-081
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:)
Nm Fee Surf Agreement (Y/N)
Nm 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: 4304716498

Well Name: RW 41-14B

Township T0.7 . Range R2.3 . Section 14

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 - Spudded (Drilling Commenced)
- GIW - Gas Injection
- GS - Gas Storage
- LA - Location Abandoned
- LOC - New Location
- OPS - Operation Suspended
- PA - Plugged Abandoned
- POW - 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

1:11,836

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)

May 12, 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)		
43-047-15152	RW 34-14B	0609 FSL 2027 FEL Sec 14 T07S R23E
43-047-15148	RW 34-26B	0761 FSL 1983 FEL Sec 26 T07S R23E
43-047-15275	RW 32-26B	1996 FNL 2045 FEL Sec 26 T07S R23E
43-047-15290	RW 23-26B	1979 FSL 1979 FWL Sec 26 T07S R23E
43-047-16498	RW 41-14B	0746 FNL 0663 FEL Sec 14 T07S R23E
43-047-15296	RW 12-14B	1838 FNL 0761 FWL Sec 14 T07S R23E
43-047-16495	RW 41-15B	0661 FNL 0660 FEL Sec 15 T07S R23E

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: 2011.05.12 08:45:25 -06'00'

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

MCoulthard:mc:5-12-11

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

May 12, 2011

QEP Energy Company
11002 E 17500 S
Vernal, UT 84078

Subject: RW 41-14B Well, 746' FNL, 663' FEL, NE NE, Sec. 14, T. 7 South, R. 23 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 43-047-16498.

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 41-14B

API Number: 43-047-16498

Lease: UTU-081

Location: NE NE **Sec.** 14 **T.** 7 South **R.** 23 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.

QEP Energy Company

Independence Plaza
1050 17th Street, Suite 500
Denver, CO 80265
Tel 303-672-6900
Fax 303-294-9632

Rocky Mountain Region

June 24, 2011

Mr. Nathan Wiser (8ENF-UFO)
U.S. Environmental Protection Agency, Region 8
1595 Wynkoop Street
Denver, CO 80202-1129

RECEIVED
JUN 29 2011
DIV. OF OIL, GAS & MINING

RE: Mechanical Integrity Test (MIT) for
RW 41-14B
UIC# UT2000-02441
API# 43-047-16498
Location: NENE Sec. 14 T7S, R23E

Dear Mr. Wiser:

Please find the successful MIT result including Casing or Annulus Pressure Test form and the pressure test chart for the above referenced well. The MIT for this well was a regularly scheduled test.

If you have any questions or need additional information, please contact me at 303-308-3060. Thank you.

Sincerely,

Morgan Anderson

Morgan Anderson
Regulatory Affairs Analyst

Enclosures: MIT Casing or Annulus Pressure Test Form
MIT Results Spreadsheet with Pressure Test Chart

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

USDI – Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

MECHANICAL INTEGRITY TEST
CASING OR ANNULUS PRESSURE TEST

U.S. ENVIRONMENTAL PROTECTION AGENCY
UNDERGROUND INJECTION CONTROL PROGRAM, UIC IMPLEMENTATION SECTION (8P-W-GW)
999 18TH STREET, SUITE 300, DENVER,CO. 80202-2466

EPA WITNESS: NONE **DATE:** 6/21/2011 **TIME:** 9:50 ☑ AM ☐ PM

TEST CONDUCTED BY: Tony Jenne (QEP ENERGY COMPANY)

OTHERS PRESENT: Mike Kutz (ADLER HOT OIL)

API NUMBER- 43-047-16498 **EPA ID NUMBER-** UT2000-02441

WELL NAME: RW 41-14B **TYPE:** ☐ ER ☑ SWD **STATUS:** ☐ AC ☑ TA ☐ UC

FIELD: RED WASH **LEASE:** UTU081 **UNIT:** 892000761X

WELL LOCATION: NE/4, NE/4, SEC. 14, T7S, R23E ☐ N ☐ S _____ ☐ E ☐ W **COUNTY: UINTAH STATE: UTAH**

OPERATOR: QEP ENERGY COMPANY

LAST MIT: 6/29/2009 **MAXIMUM ALLOWABLE PRESSURE:** 1815 **PSIG**

IS THIS A REGULAR SCHEDULED TEST? ☑ YES ☐ NO

INITIAL TEST FOR PERMIT? ☐ YES ☑ NO

TEST AFTER WELL WORK? ☐ YES ☑ NO

WELL INJECTING DURING TEST? ☐ YES ☑ NO IF YES, RATE: _____ BPD

PRE-TEST CASING/TUBING ANNULUS PRESSURE: 0 :PSIG

MIT DATA TABLE	TEST #1	TEST #2	TEST #3
TUBING	PRESSURE		
INITIAL PRESSURE	0 PSIG	PSIG	PSIG
END OF TEST PRESSURE	0 PSIG	PSIG	PSIG

CASING/TUBING	ANNULUS	TUBING	
0 MINUTES	1065.3 PSIG	0 PSIG	PSIG
5 MINUTES	1063.6 PSIG	0 PSIG	PSIG
10 MINUTES	1062.2 PSIG	0 PSIG	PSIG
15 MINUTES	1061.2 PSIG	0 PSIG	PSIG
20 MINUTES	1060.2 PSIG	0 PSIG	PSIG
25 MINUTES	1059.7 PSIG	0 PSIG	PSIG
30 MINUTES	1059 PSIG	0 PSIG	PSIG
MINUTES	PSIG	PSIG	PSIG
MINUTES	PSIG	PSIG	PSIG
RESULT	☑ PASS ☐ FAIL	☐ PASS ☐ FAIL	☐ PASS ☐ FAIL

DOES THE ANNULUS PRESSURE BUILD BACK UP AFTER THE TEST? ☐ YES ☑ NO

RECEIVED
JUN 29 2011
DIV. OF OIL, GAS & MINING

QEP ENERGY COMPANY **RW 41-14B** **JUNE 21, 2011**

DATE	MONTH	YEAR	TIME	FILE	SAMPLE	CASING PRESSURE	TUBING PRESSURE	TEMP
21	JUN	2011	9:50:40	16	515	0		81
21	JUN	2011	9:50:56	16	516	0		81
21	JUN	2011	9:51:12	16	517	0		81
21	JUN	2011	9:51:28	16	518	0		81
21	JUN	2011	9:51:44	16	519	0		81
21	JUN	2011	9:52:00	16	520	0		81
21	JUN	2011	9:52:16	16	521	0		81
21	JUN	2011	9:52:32	16	522	0		81
21	JUN	2011	9:52:48	16	523	0		81
21	JUN	2011	9:53:04	16	524	0		81
21	JUN	2011	9:53:20	16	525	0		81
21	JUN	2011	9:53:37	16	526	0		81
21	JUN	2011	9:53:53	16	527	0		81
21	JUN	2011	9:54:08	16	528	0		82
21	JUN	2011	9:54:24	16	529	0		82
21	JUN	2011	9:54:40	16	530	0		82
21	JUN	2011	9:54:56	16	531	0		82
21	JUN	2011	9:55:12	16	532	0		82
21	JUN	2011	9:55:28	16	533	0		82
21	JUN	2011	9:55:44	16	534	0		82
21	JUN	2011	9:56:00	16	535	0		82
21	JUN	2011	9:56:16	16	536	0		82
21	JUN	2011	9:56:32	16	537	0		82
21	JUN	2011	9:56:48	16	538	0		82
21	JUN	2011	9:57:04	16	539	0		82
21	JUN	2011	9:57:20	16	540	0		82
21	JUN	2011	9:57:37	16	541	0		82
21	JUN	2011	9:57:53	16	542	0		82
21	JUN	2011	9:58:08	16	543	0		82
21	JUN	2011	9:58:24	16	544	0		82
21	JUN	2011	9:58:40	16	545	0	0	82
21	JUN	2011	9:58:56	16	546	0	0	82
21	JUN	2011	9:59:12	16	547	0	0	82
21	JUN	2011	9:59:28	16	548	0	0	82
21	JUN	2011	9:59:44	16	549	55.73	0	82
21	JUN	2011	10:00:00	16	550	87.27	0	82
21	JUN	2011	10:00:16	16	551	131.3	0	82
21	JUN	2011	10:00:32	16	552	179.81	0	84
21	JUN	2011	10:00:48	16	553	228.97	0	84
21	JUN	2011	10:01:04	16	554	275.01	0	84
21	JUN	2011	10:01:20	16	555	322.12	0	84
21	JUN	2011	10:01:37	16	556	364.35	0	84
21	JUN	2011	10:01:53	16	557	418.57	0	84
21	JUN	2011	10:02:08	16	558	444.6	0	84
21	JUN	2011	10:02:24	16	559	439.05	0	84

QEP ENERGY COMPANY **RW 41-14B** **JUNE 21, 2011**

DATE	MONTH	YEAR	TIME	FILE	SAMPLE	CASING PRESSURE	TUBING PRESSURE	TEMP
21	JUN	2011	10:02:40	16	560	436.87	0	84
21	JUN	2011	10:02:56	16	561	434.5	0	84
21	JUN	2011	10:03:12	16	562	481.28	0	84
21	JUN	2011	10:03:28	16	563	542.6	0	84
21	JUN	2011	10:03:44	16	564	609.5	0	84
21	JUN	2011	10:04:00	16	565	678.2	0	84
21	JUN	2011	10:04:16	16	566	745.4	0	84
21	JUN	2011	10:04:32	16	567	810.5	0	84
21	JUN	2011	10:04:48	16	568	874.6	0	84
21	JUN	2011	10:05:04	16	569	920.9	0	84
21	JUN	2011	10:05:20	16	570	964.4	0	84
21	JUN	2011	10:05:37	16	571	960.2	0	84
21	JUN	2011	10:05:53	16	572	1008.3	0	84
21	JUN	2011	10:06:08	16	573	1059.1	0	84
21	JUN	2011	10:06:24	16	574	1065.1	0	82
21	JUN	2011	10:06:40	16	575	1065.4	0	82
21	JUN	2011	10:06:56	16	576	1066	0	82
21	JUN	2011	10:07:12	16	577	1066.4	0	82
21	JUN	2011	10:07:28	16	578	1066.4	0	82
21	JUN	2011	10:07:44	16	579	1066.1	0	82
21	JUN	2011	10:08:00	16	580	1065.9	0	82
21	JUN	2011	10:08:16	16	581	1065.7	0	82
21	JUN	2011	10:08:32	16	582	1065.5	0	82
21	JUN	2011	10:08:48	16	583	1065.4	0	82
21	JUN	2011	10:09:04	16	584	1065.3	0	82
21	JUN	2011	10:09:20	16	585	1065.1	0	82
21	JUN	2011	10:09:37	16	586	1065	0	82
21	JUN	2011	10:09:53	16	587	1064.9	0	82
21	JUN	2011	10:10:08	16	588	1064.9	0	82
21	JUN	2011	10:10:24	16	589	1064.6	0	84
21	JUN	2011	10:10:40	16	590	1064.5	0	84
21	JUN	2011	10:10:56	16	591	1064.4	0	84
21	JUN	2011	10:11:12	16	592	1064.3	0	84
21	JUN	2011	10:11:28	16	593	1064.2	0	84
21	JUN	2011	10:11:44	16	594	1064.1	0	84
21	JUN	2011	10:12:00	16	595	1064	0	84
21	JUN	2011	10:12:16	16	596	1064	0	84
21	JUN	2011	10:12:32	16	597	1063.9	0	84
21	JUN	2011	10:12:48	16	598	1063.8	0	84
21	JUN	2011	10:13:04	16	599	1063.7	0	84
21	JUN	2011	10:13:20	16	600	1063.7	0	84
21	JUN	2011	10:13:37	16	601	1063.6	0	84
21	JUN	2011	10:13:53	16	602	1063.5	0	84
21	JUN	2011	10:14:08	16	603	1063.5	0	84
21	JUN	2011	10:14:24	16	604	1063.4	0	84

QEP ENERGY COMPANY **RW 41-14B** **JUNE 21, 2011**

DATE	MONTH	YEAR	TIME	FILE	SAMPLE	CASING PRESSURE	TUBING PRESSURE	TEMP
21	JUN	2011	10:14:40	16	605	1063.4	0	84
21	JUN	2011	10:14:56	16	606	1063.2	0	84
21	JUN	2011	10:15:12	16	607	1063.2	0	84
21	JUN	2011	10:15:28	16	608	1063.1	0	84
21	JUN	2011	10:15:44	16	609	1063.1	0	84
21	JUN	2011	10:16:00	16	610	1063	0	84
21	JUN	2011	10:16:16	16	611	1062.8	0	86
21	JUN	2011	10:16:32	16	612	1062.7	0	86
21	JUN	2011	10:16:48	16	613	1062.7	0	86
21	JUN	2011	10:17:04	16	614	1062.6	0	86
21	JUN	2011	10:17:20	16	615	1062.6	0	86
21	JUN	2011	10:17:37	16	616	1062.5	0	86
21	JUN	2011	10:17:53	16	617	1062.4	0	86
21	JUN	2011	10:18:08	16	618	1062.4	0	86
21	JUN	2011	10:18:24	16	619	1062.4	0	86
21	JUN	2011	10:18:40	16	620	1062.2	0	86
21	JUN	2011	10:18:56	16	621	1062.2	0	86
21	JUN	2011	10:19:12	16	622	1062.2	0	86
21	JUN	2011	10:19:28	16	623	1062.1	0	86
21	JUN	2011	10:19:44	16	624	1062	0	86
21	JUN	2011	10:20:00	16	625	1062	0	86
21	JUN	2011	10:20:16	16	626	1061.9	0	86
21	JUN	2011	10:20:32	16	627	1061.9	0	86
21	JUN	2011	10:20:48	16	628	1061.8	0	86
21	JUN	2011	10:21:04	16	629	1061.8	0	86
21	JUN	2011	10:21:20	16	630	1061.7	0	86
21	JUN	2011	10:21:37	16	631	1061.7	0	86
21	JUN	2011	10:21:53	16	632	1061.6	0	86
21	JUN	2011	10:22:08	16	633	1061.6	0	86
21	JUN	2011	10:22:24	16	634	1061.5	0	86
21	JUN	2011	10:22:40	16	635	1061.5	0	86
21	JUN	2011	10:22:56	16	636	1061.4	0	86
21	JUN	2011	10:23:12	16	637	1061.4	0	86
21	JUN	2011	10:23:28	16	638	1061.3	0	86
21	JUN	2011	10:23:44	16	639	1061.2	0	86
21	JUN	2011	10:24:00	16	640	1061.2	0	86
21	JUN	2011	10:24:16	16	641	1061.1	0	86
21	JUN	2011	10:24:32	16	642	1061.1	0	86
21	JUN	2011	10:24:48	16	643	1061.1	0	86
21	JUN	2011	10:25:04	16	644	1061	0	86
21	JUN	2011	10:25:20	16	645	1061	0	86
21	JUN	2011	10:25:37	16	646	1060.9	0	86
21	JUN	2011	10:25:53	16	647	1060.9	0	86
21	JUN	2011	10:26:08	16	648	1060.9	0	86
21	JUN	2011	10:26:24	16	649	1060.8	0	86

QEP ENERGY COMPANY **RW 41-14B** **JUNE 21, 2011**

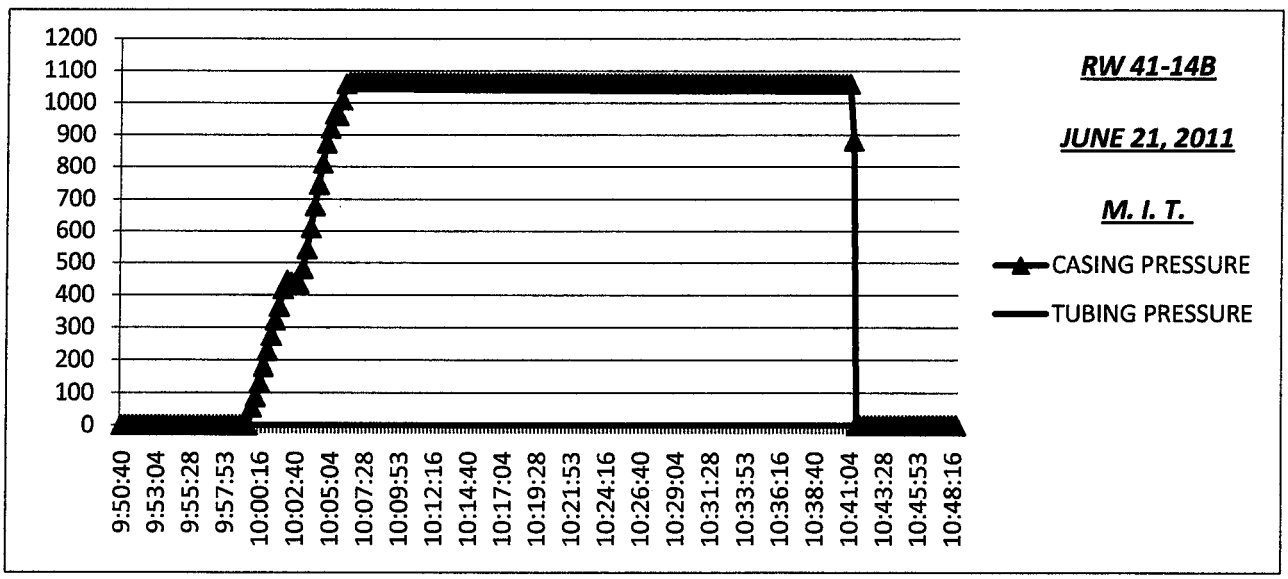
DATE	MONTH	YEAR	TIME	FILE	SAMPLE	CASING PRESSURE	TUBING PRESSURE	TEMP
21	JUN	2011	10:26:40	16	650	1060.7	0	86
21	JUN	2011	10:26:56	16	651	1060.7	0	86
21	JUN	2011	10:27:12	16	652	1060.7	0	86
21	JUN	2011	10:27:28	16	653	1060.7	0	86
21	JUN	2011	10:27:44	16	654	1060.6	0	86
21	JUN	2011	10:28:00	16	655	1060.6	0	86
21	JUN	2011	10:28:16	16	656	1060.5	0	86
21	JUN	2011	10:28:32	16	657	1060.3	0	88
21	JUN	2011	10:28:48	16	658	1060.3	0	88
21	JUN	2011	10:29:04	16	659	1060.2	0	88
21	JUN	2011	10:29:20	16	660	1060.2	0	88
21	JUN	2011	10:29:37	16	661	1060.1	0	88
21	JUN	2011	10:29:53	16	662	1060.1	0	88
21	JUN	2011	10:30:08	16	663	1060.2	0	88
21	JUN	2011	10:30:24	16	664	1060.1	0	88
21	JUN	2011	10:30:40	16	665	1060	0	88
21	JUN	2011	10:30:56	16	666	1060	0	88
21	JUN	2011	10:31:12	16	667	1059.9	0	88
21	JUN	2011	10:31:28	16	668	1059.9	0	88
21	JUN	2011	10:31:44	16	669	1059.9	0	88
21	JUN	2011	10:32:00	16	670	1059.8	0	88
21	JUN	2011	10:32:16	16	671	1059.7	0	88
21	JUN	2011	10:32:32	16	672	1059.7	0	88
21	JUN	2011	10:32:48	16	673	1059.7	0	88
21	JUN	2011	10:33:04	16	674	1059.6	0	88
21	JUN	2011	10:33:20	16	675	1059.7	0	86
21	JUN	2011	10:33:37	16	676	1059.7	0	86
21	JUN	2011	10:33:53	16	677	1059.7	0	86
21	JUN	2011	10:34:08	16	678	1059.6	0	86
21	JUN	2011	10:34:24	16	679	1059.6	0	86
21	JUN	2011	10:34:40	16	680	1059.6	0	86
21	JUN	2011	10:34:56	16	681	1059.6	0	86
21	JUN	2011	10:35:12	16	682	1059.5	0	86
21	JUN	2011	10:35:28	16	683	1059.5	0	86
21	JUN	2011	10:35:44	16	684	1059.3	0	88
21	JUN	2011	10:36:00	16	685	1059.3	0	88
21	JUN	2011	10:36:16	16	686	1059.3	0	88
21	JUN	2011	10:36:32	16	687	1059.2	0	88
21	JUN	2011	10:36:48	16	688	1059.3	0	88
21	JUN	2011	10:37:04	16	689	1059.2	0	88
21	JUN	2011	10:37:20	16	690	1059.1	0	88
21	JUN	2011	10:37:37	16	691	1059.1	0	88
21	JUN	2011	10:37:53	16	692	1059.1	0	88
21	JUN	2011	10:38:08	16	693	1059.1	0	88
21	JUN	2011	10:38:24	16	694	1059.1	0	88

QEP ENERGY COMPANY **RW 41-14B** **JUNE 21, 2011**

DATE	MONTH	YEAR	TIME	FILE	SAMPLE	CASING PRESSURE	TUBING PRESSURE	TEMP
21	JUN	2011	10:38:40	16	695	1059	0	88
21	JUN	2011	10:38:56	16	696	1059	0	88
21	JUN	2011	10:39:12	16	697	1059	0	88
21	JUN	2011	10:39:28	16	698	1058.9	0	88
21	JUN	2011	10:39:44	16	699	1058.8	0	88
21	JUN	2011	10:40:00	16	700	1058.9	0	88
21	JUN	2011	10:40:16	16	701	1058.8	0	88
21	JUN	2011	10:40:32	16	702	1058.8	0	88
21	JUN	2011	10:40:48	16	703	1058.8	0	88
21	JUN	2011	10:41:04	16	704	1058.7	0	88
21	JUN	2011	10:41:20	16	705	882.2	0	88
21	JUN	2011	10:41:37	16	706	0	0	88
21	JUN	2011	10:41:53	16	707	0	0	88
21	JUN	2011	10:42:08	16	708	0	0	88
21	JUN	2011	10:42:24	16	709	0	0	88
21	JUN	2011	10:42:40	16	710	0	0	88
21	JUN	2011	10:42:56	16	711	0	0	88
21	JUN	2011	10:43:12	16	712	0	0	88
21	JUN	2011	10:43:28	16	713	0	0	88
21	JUN	2011	10:43:44	16	714	0	0	88
21	JUN	2011	10:44:00	16	715	0	0	88
21	JUN	2011	10:44:16	16	716	0	0	88
21	JUN	2011	10:44:32	16	717	0	0	88
21	JUN	2011	10:44:48	16	718	0	0	88
21	JUN	2011	10:45:04	16	719	0	0	86
21	JUN	2011	10:45:20	16	720	0	0	86
21	JUN	2011	10:45:37	16	721	0	0	86
21	JUN	2011	10:45:53	16	722	0	0	86
21	JUN	2011	10:46:08	16	723	0	0	86
21	JUN	2011	10:46:24	16	724	0	0	86
21	JUN	2011	10:46:40	16	725	0	0	86
21	JUN	2011	10:46:56	16	726	0	0	86
21	JUN	2011	10:47:12	16	727	0	0	86
21	JUN	2011	10:47:28	16	728	0	0	86
21	JUN	2011	10:47:44	16	729	0	0	86
21	JUN	2011	10:48:00	16	730	0	0	86
21	JUN	2011	10:48:16	16	731	0	0	86
21	JUN	2011	10:48:32	16	732	0	0	86

QEP ENERGY COMPANY **RW 41-14B** **JUNE 21, 2011**

DATE	MONTH	YEAR	TIME	FILE	SAMPLE	CASING PRESSURE	TUBING PRESSURE	TEMP



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

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER: U-081

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 Water Injection Well

8. WELL NAME and NUMBER: RW 41-14B

2. NAME OF OPERATOR: QEP ENERGY COMPANY

9. API NUMBER: 43047164980000

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: 0746 FNL 0663 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 14 Township: 07.0S Range: 23.0E 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 16, 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

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: U-081

SUNDRY NOTICES AND REPORTS ON WELLS

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: RED WASH

1. TYPE OF WELL Water Injection Well

8. WELL NAME and NUMBER: RW 41-14B

2. NAME OF OPERATOR: QEP ENERGY COMPANY

9. API NUMBER: 43047164980000

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: 0746 FNL 0663 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 14 Township: 07.0S Range: 23.0E 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: 3/23/2012	☐ 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 March 23, 2012 @ 17:00 hours.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
April 02, 2012

NAME (PLEASE PRINT) Jan Nelson

PHONE NUMBER 435 781-4331

TITLE Permit Agent

SIGNATURE N/A

DATE 3/26/2012

RECEIVED: Mar. 26, 2012

c

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

WI well

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4304716498	RW 41-14B		NENE	14	7S	23E	UINTAH
Action Code	**Current Entity Number**	**New Entity Number**	**Spud Date**			**Entity Assignment Effective Date**	
E	5670	18478	3/23/2012			4/24/2012	

Comments: GRRV TO MVRD

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

4/2/2012
Date

RECEIVED
APR 02 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-081

SUNDRY NOTICES AND REPORTS ON WELLS

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: RED WASH

1. TYPE OF WELL Water Injection Well

8. WELL NAME and NUMBER: RW 41-14B

2. NAME OF OPERATOR: QEP ENERGY COMPANY

9. API NUMBER: 43047164980000

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: 0746 FNL 0663 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 14 Township: 07.0S Range: 23.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 5/16/2012	☐ 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 WOULD LIKE TO OPTIMIZE 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

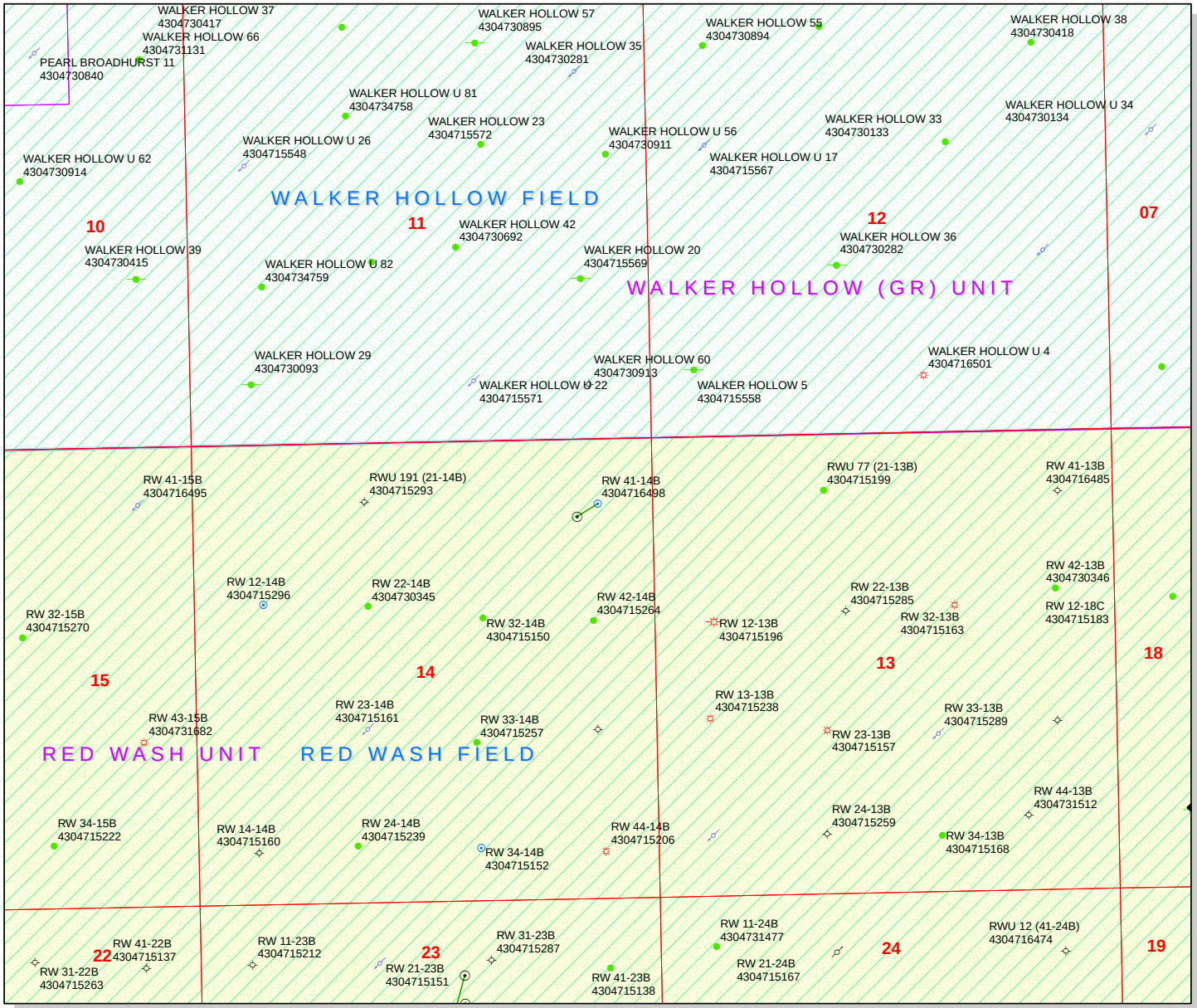
Date: May 21, 2012

By:

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

SIGNATURE	DATE
N/A	5/16/2012

RECEIVED: May. 16, 2012



API Number: 4304716498

Well Name: RW 41-14B

Township T0.7 . Range R2.3 . Section 14

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. 18, 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 41-14B
746' FNL 663' FEL, NENE, Section 14, T7S, R23E (Surface)
888' FNL 902' FEL, NENE, Section 14, T7S, R23E (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.

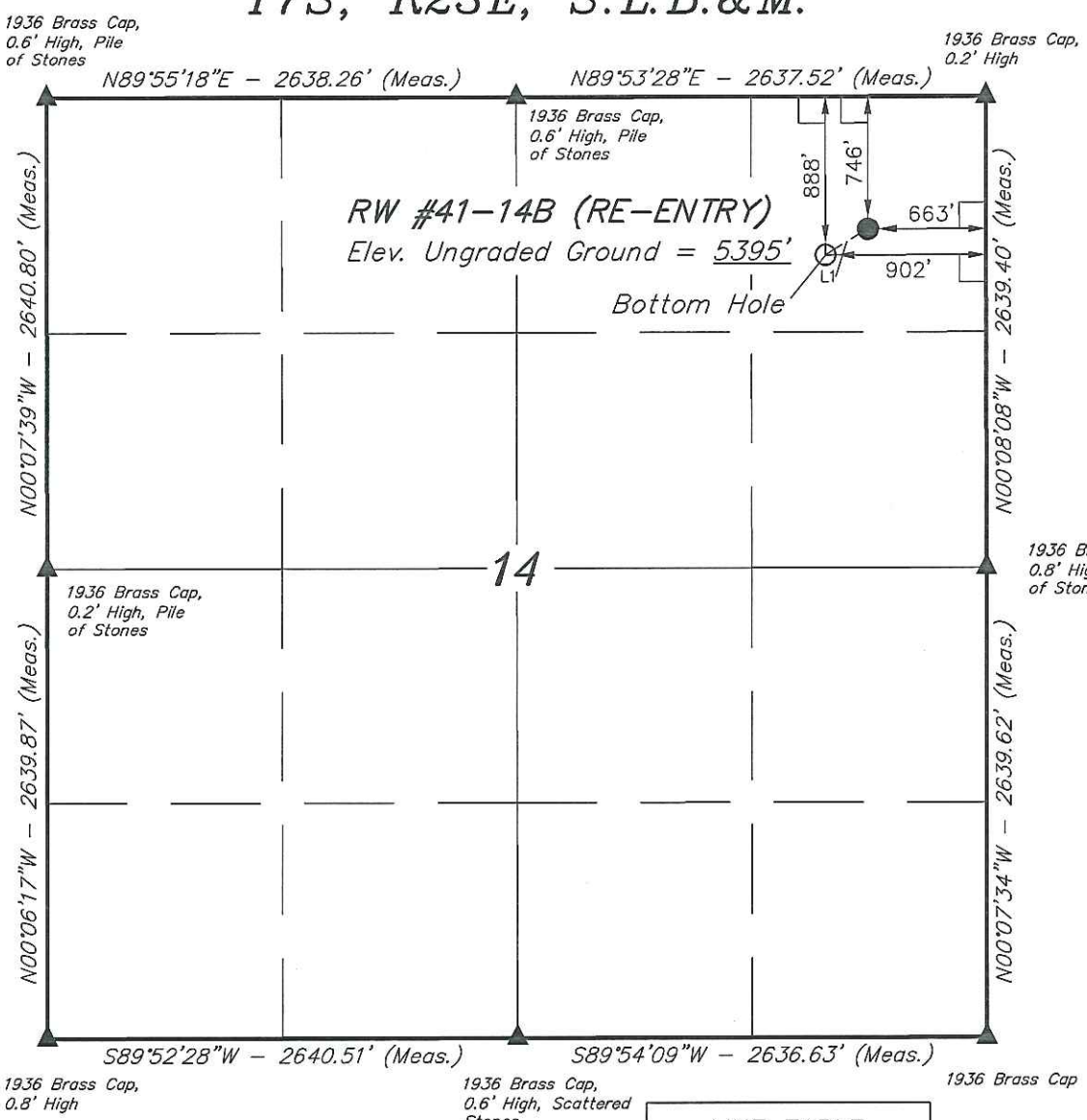
Sincerely,

QEP Energy Company

Jan Nelson

Jan Nelson
Permit Agent

T7S, R23E, S.L.B.&M.



QEP ENERGY COMPANY

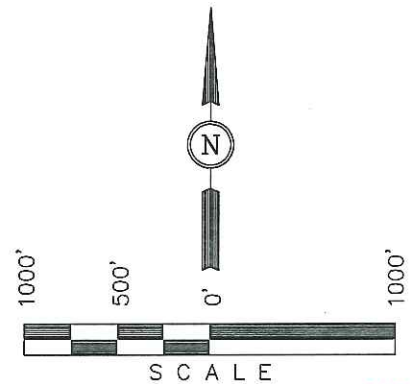
Well location, RW #41-14B (RE-ENTRY), located as shown in the NE 1/4 NE 1/4 of Section 14, T7S, R23E, S.L.B.&M., Uintah County, Utah.

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

05-14-12

REVISED: 05-14-12 R.L.L.

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S59°04'31"W	277.85'

LEGEND:

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

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°12'51.58" (40.214328)	LATITUDE = 40°12'52.98" (40.214717)
LONGITUDE = 109°17'17.19" (109.288108)	LONGITUDE = 109°17'14.12" (109.287256)
NAD 27 (TARGET BOTTOM HOLE)	**NAD 27 (SURFACE LOCATION)**
LATITUDE = 40°12'51.71" (40.214364)	LATITUDE = 40°12'53.11" (40.214753)
LONGITUDE = 109°17'14.74" (109.287428)	LONGITUDE = 109°17'11.67" (109.286575)

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

SCALE 1" = 1000'	DATE SURVEYED: 11-05-10	DATE DRAWN: 12-16-10
PARTY A.F. J.C. C.H.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE QEP ENERGY COMPANY	

QEP Energy Company

QEP ENERGY (UT)

Red Wash
RW 41-14B
RW 41-14B

Re-Entry

Plan: Plan ver.0

Standard Planning Report

22 March, 2012

QEP Energy Company

QEP Resources, Inc.
Planning Report

Database:	EDMDB_QEP	**Local Co-ordinate Reference:**	Well RW 41-14B
Company:	QEP ENERGY (UT)	**TVD Reference:**	RKB @ 5412.30usft (AZTEC 950)
Project:	Red Wash	**MD Reference:**	RKB @ 5412.30usft (AZTEC 950)
Site:	RW 41-14B	**North Reference:**	True
Well:	RW 41-14B	**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 41-14B

Site Position:		**Northing:**	7,254,579.560 usft	**Latitude:**	40.214717
From:	Lat/Long	**Easting:**	2,258,287.725 usft	**Longitude:**	-109.287256
Position Uncertainty:	0.00 usft	**Slot Radius:**	13-3/16 "	**Grid Convergence:**	1.42 °

Well RW 41-14B

Well Position	**+N/-S**	0.00 usft	**Northing:**	7,254,579.556 usft	**Latitude:**	40.214717
	+E/-W	0.00 usft	**Easting:**	2,258,287.725 usft	**Longitude:**	-109.287256
Position Uncertainty		0.00 usft	**Wellhead Elevation:**	5,396.30 usft	**Ground Level:**	5,396.30 usft

Wellbore Re-Entry

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	3/22/2012	10.92	66.06	52,395

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	239.08

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	
5,660.00	0.00	0.00	5,660.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,750.00	0.00	0.00	5,750.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,197.32	8.95	262.41	6,195.50	-4.61	-34.55	2.00	2.00	0.00	262.41	
7,859.64	8.95	262.41	7,837.60	-38.77	-290.79	0.00	0.00	0.00	0.00	
7,922.73	8.00	262.41	7,900.00	-40.00	-300.00	1.50	-1.50	0.01	179.96	
8,632.18	3.50	131.00	8,607.37	-60.79	-332.69	1.50	-0.63	-18.52	-165.64	
10,679.63	3.50	131.00	10,651.00	-142.79	-238.35	0.00	0.00	0.00	0.00	

QEP Energy Company

QEP Resources, Inc.
Planning Report

QEP Energy Company

Database:	EDMDB_QEP	**Local Co-ordinate Reference:**	Well RW 41-14B
Company:	QEP ENERGY (UT)	**TVD Reference:**	RKB @ 5412.30usft (AZTEC 950)
Project:	Red Wash	**MD Reference:**	RKB @ 5412.30usft (AZTEC 950)
Site:	RW 41-14B	**North Reference:**	True
Well:	RW 41-14B	**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
5,660.00	0.00	0.00	5,660.00	0.00	0.00	0.00	0.00	0.00	0.00
5,750.00	0.00	0.00	5,750.00	0.00	0.00	0.00	0.00	0.00	0.00
6,197.32	8.95	262.41	6,195.50	-4.61	-34.55	32.00	2.00	2.00	0.00
7,859.64	8.95	262.41	7,837.60	-38.77	-290.79	269.37	0.00	0.00	0.00
7,922.73	8.00	262.41	7,900.00	-40.00	-300.00	277.91	1.50	-1.50	0.01
8,632.18	3.50	131.00	8,607.37	-60.79	-332.69	316.63	1.50	-0.63	-18.52
10,679.63	3.50	131.00	10,651.00	-142.79	-238.35	277.85	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 41-14B	0.00	0.00	7,900.00	-97.67	-291.78	7,254,474.710	2,257,998.470	40.214449	-109.288301
- plan misses target center by 58.26usft at 7924.04usft MD (7901.30 TVD, -40.02 N, -300.18 E)									
- Circle (radius 100.00)									

Casing Points

Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")
5,660.00	5,660.00	7"	7	9

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
2,783.00	2,783.00	Green River		0.00	
3,450.00	3,450.00	Mahog. Bench		0.00	
5,636.00	5,636.00	Wasatch		0.00	
7,959.06	7,936.00	Mesaverde		0.00	
10,579.44	10,551.00	Sego		0.00	

Company Name: QEP ENERGY (UT)

QEP Energy Company

Azimuths to True North
Magnetic North: 10.92°
Magnetic Field
Strength: 52394.5nT
Dip Angle: 66.06°
Date: 3/22/2012
Model: IGRF2010

Project: Red Wash
Site: RW 41-14B
Well: RW 41-14B
Wellbore: Re-Entry
Design: Plan ver.0

WELL DETAILS: RW 41-14B

Ground Level: 5396.30

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	7254579.555	2258287.725	40.214717	-109.287256	

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well RW 41-14B, True North
Vertical (TVD) Reference: RKB @ 5412.30usft (AZTEC 950)
Section (VS) Reference: Slot - (0.00N, 0.00E)
Measured Depth Reference: RKB @ 5412.30usft (AZTEC 950)
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 41-14B	7900.00	-97.67	-291.78	7254474.710	2257998.470	Circle (Radius: 100.00)

SECTION DETAILS

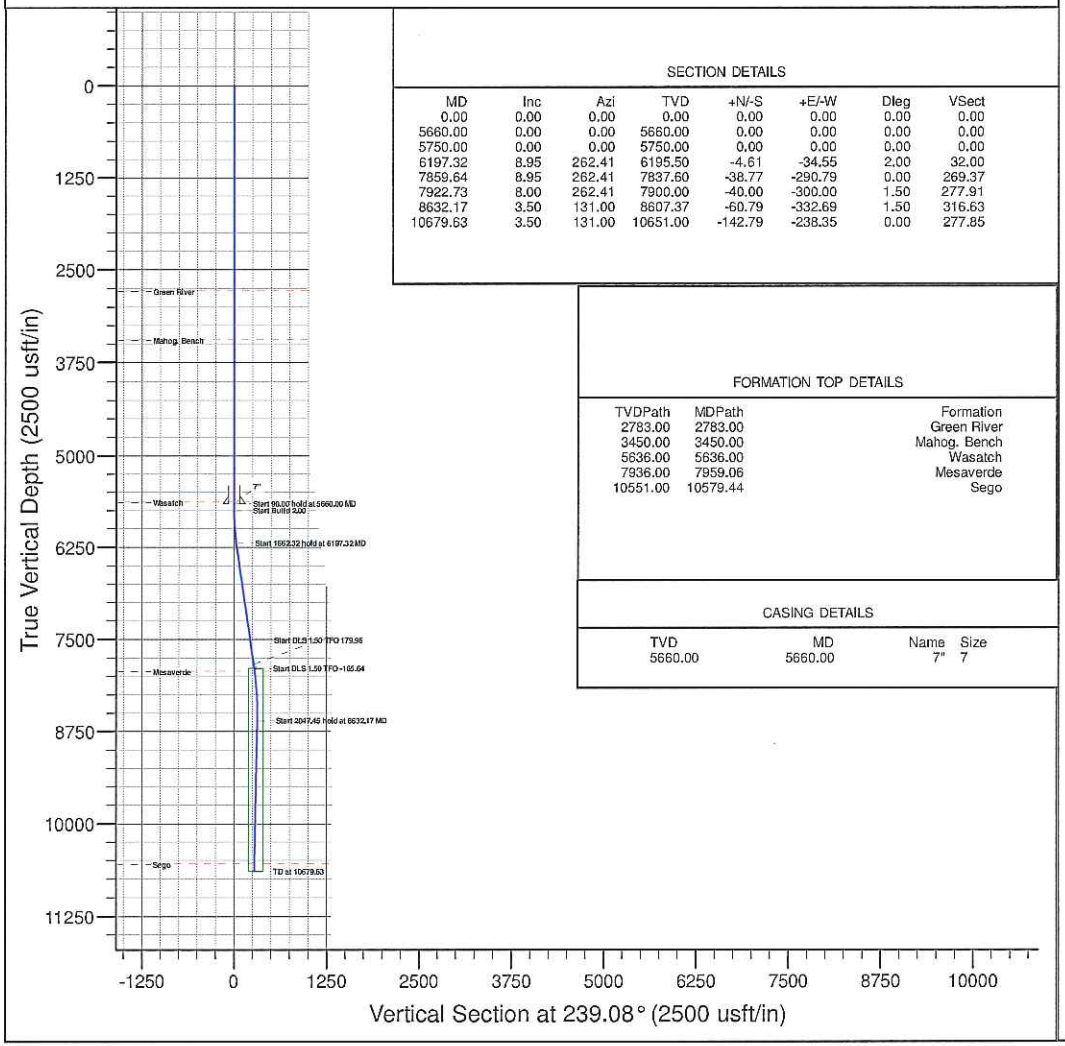
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	VSect
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5660.00	0.00	0.00	5660.00	0.00	0.00	0.00	0.00
5750.00	0.00	0.00	5750.00	0.00	0.00	0.00	0.00
6197.32	8.95	262.41	6195.50	-4.61	-34.55	2.00	32.00
7859.64	8.95	262.41	7837.60	-38.77	-290.79	0.00	269.37
7922.73	8.00	262.41	7900.00	-40.00	-300.00	1.50	277.91
8632.17	3.50	131.00	8607.37	-60.79	-332.69	1.50	316.63
10679.63	3.50	131.00	10651.00	-142.79	-238.35	0.00	277.85

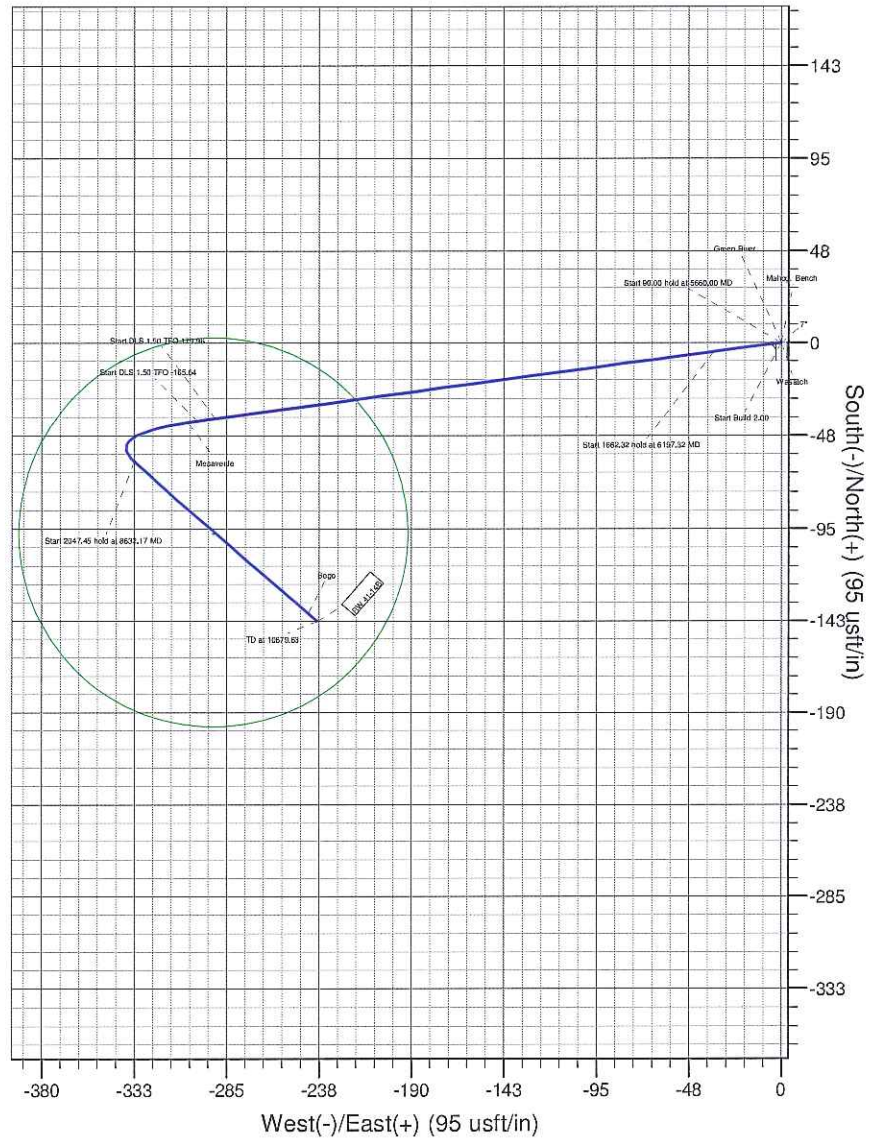
FORMATION TOP DETAILS

TVDPath	MDPath	Formation
2783.00	2783.00	Green River
3450.00	3450.00	Mahog. Bench
5636.00	5636.00	Wasatch
7936.00	7959.06	Mesaverde
10551.00	10579.44	Sego

CASING DETAILS

TVD	MD	Name	Size
5660.00	5660.00	7"	7





Sundry Number: 25818 API Well Number: 43047164980000

FORM 9

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

5.LEASE DESIGNATION AND SERIAL NUMBER: U-081

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 41-14B

2. NAME OF OPERATOR: QEP ENERGY COMPANY

9. API NUMBER: 43047164980000

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: 0746 FNL 0663 FEL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 14 Township: 07.0S Range: 23.0E 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: 4/13/2012	☐ 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
☐ DRILLING REPORT Report Date:	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	☐ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

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

THIS WELL COMMENCED PRODUCTION ON 04/13/2012.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY
May 31, 2012

NAME (PLEASE PRINT) Valyn Davis

PHONE NUMBER 435 781-4369

TITLE Regulatory Affairs Analyst

SIGNATURE N/A

DATE 4/16/2012

RECEIVED: Apr. 16, 2012

39	3800.00	100.00	2.55	159.82	3799.13	-13.95	-30.18	34.34	0.26	-2.97	0.29	Native Gyro
40	3900.00	100.00	2.05	156.85	3899.05	-13.30	-33.91	35.81	-0.50	-2.97	0.51	Native Gyro
41	4000.00	100.00	1.76	157.05	3999.00	-12.84	-36.97	37.12	-0.29	0.20	0.29	Native Gyro
42	4100.00	100.00	1.56	155.01	4098.95	-12.49	-39.62	38.29	-0.20	-2.04	0.21	Native Gyro
43	4200.00	100.00	1.25	150.53	4198.92	-12.32	-41.80	39.40	-0.31	-4.48	0.33	Native Gyro
44	4300.00	100.00	1.01	158.74	4298.90	-12.15	-43.58	40.26	-0.24	8.21	0.29	Native Gyro
45	4400.00	100.00	1.25	158.48	4398.88	-11.82	-45.41	40.98	0.24	-0.26	0.24	Native Gyro
46	4500.00	100.00	1.25	151.39	4498.86	-11.60	-47.38	41.90	0.00	-7.09	0.15	Native Gyro
47	4600.00	100.00	1.28	156.89	4598.84	-11.40	-49.37	42.86	0.03	5.50	0.13	Native Gyro
48	4700.00	100.00	1.21	156.54	4698.81	-11.11	-51.36	43.72	-0.07	-0.35	0.07	Native Gyro
49	4800.00	100.00	1.21	137.31	4798.79	-11.19	-53.11	44.86	0.00	-19.23	0.40	Native Gyro
50	4900.00	100.00	1.18	151.22	4898.77	-11.37	-54.79	46.07	-0.03	13.91	0.29	Native Gyro
51	5000.00	100.00	1.13	169.36	4998.75	-10.99	-56.66	46.74	-0.05	18.14	0.37	Native Gyro
52	5100.00	100.00	1.08	161.05	5098.73	-10.45	-58.52	47.23	-0.05	-8.31	0.17	Native Gyro
53	5200.00	100.00	0.91	170.47	5198.72	-9.97	-60.19	47.67	-0.17	9.42	0.24	Native Gyro
54	5300.00	100.00	0.93	163.12	5298.70	-9.48	-61.75	48.04	0.02	-7.35	0.12	Native Gyro
55	5400.00	100.00	1.10	192.28	5398.69	-8.62	-63.47	48.07	0.17	29.16	0.54	Native Gyro
56	5500.00	100.00	1.05	194.68	5498.67	-7.31	-65.29	47.63	-0.05	2.40	0.07	Native Gyro
57	5572.00	72.00	1.19	171.71	5570.66	-6.55	-66.67	47.57	0.19	-31.90	0.65	Native Gyro
58	5703.00	131.00	1.05	212.45	5701.63	-4.96	-69.03	47.13	-0.11	31.10	0.60	Native EM MWD
59	5766.00	63.00	2.07	220.89	5764.61	-3.36	-70.38	46.07	1.62	13.40	1.66	Native EM MWD
60	5829.00	63.00	3.43	247.26	5827.54	-0.41	-71.97	43.59	2.16	41.86	2.89	Native EM MWD
61	5894.00	65.00	5.63	257.37	5892.33	4.54	-73.42	38.68	3.38	15.55	3.59	Native EM MWD
62	5957.00	63.00	6.37	266.42	5954.99	10.58	-74.31	32.18	1.17	14.36	1.90	Native EM MWD
63	6021.00	64.00	7.12	268.97	6018.54	17.17	-74.60	24.67	1.17	3.98	1.26	Native EM MWD
64	6084.00	63.00	8.50	271.30	6080.96	24.49	-74.57	16.11	2.19	3.70	2.25	Native EM MWD
65	6148.00	64.00	9.93	272.04	6144.13	33.13	-74.26	5.87	2.23	1.16	2.24	Native EM MWD
66	6212.00	64.00	11.47	276.61	6207.02	42.80	-73.33	-5.97	2.41	7.14	2.75	Native EM MWD
67	6275.00	63.00	12.61	278.46	6268.63	53.09	-71.60	-19.00	1.81	2.94	1.91	Native EM MWD
68	6340.00	65.00	12.48	278.37	6332.08	64.01	-69.54	-32.96	-0.20	-0.14	0.20	Native EM MWD
69	6403.00	63.00	11.82	277.67	6393.67	74.32	-67.68	-46.09	-1.05	-1.11	1.07	Native EM MWD
70	6467.00	64.00	12.35	274.50	6456.25	85.02	-66.27	-59.41	0.83	-4.95	1.33	Native EM MWD
71	6529.00	62.00	12.70	276.17	6516.77	95.86	-65.02	-72.80	0.56	2.69	0.81	Native EM MWD
72	6593.00	64.00	12.13	276.35	6579.28	106.82	-63.52	-86.47	-0.89	0.28	0.89	Native EM MWD
73	6656.00	63.00	13.49	277.58	6640.71	117.84	-61.82	-100.34	2.16	1.95	2.20	Native EM MWD
74	6719.00	63.00	13.40	275.56	6701.98	129.46	-60.14	-114.89	-0.14	-3.21	0.76	Native EM MWD
75	6783.00	64.00	13.36	275.65	6764.24	141.36	-58.69	-129.63	-0.06	0.14	0.07	Native EM MWD
76	6847.00	64.00	13.23	274.42	6826.53	153.28	-57.40	-144.29	-0.20	-1.92	0.49	Native EM MWD
77	6910.00	63.00	13.10	274.07	6887.87	165.01	-56.34	-158.60	-0.21	-0.56	0.24	Native EM MWD
78	6973.00	63.00	12.70	272.57	6949.28	176.63	-55.52	-172.64	-0.64	-2.38	0.83	Native EM MWD
79	7037.00	64.00	12.04	271.52	7011.80	188.13	-55.03	-186.34	-1.03	-1.64	1.09	Native EM MWD
80	7100.00	63.00	11.78	273.54	7073.44	198.98	-54.46	-199.32	-0.41	3.21	0.78	Native EM MWD
81	7163.00	63.00	12.04	270.55	7135.09	209.89	-54.00	-212.31	0.41	-4.75	1.06	Native EM MWD
82	7226.00	63.00	11.65	271.16	7196.74	220.88	-53.81	-225.24	-0.62	0.97	0.65	Native EM MWD
83	7290.00	64.00	11.43	271.34	7259.45	231.72	-53.53	-238.04	-0.34	0.28	0.35	Native EM MWD

Definitive Survey

CONFIDENTIAL

Co:	Native Navigation	**Units:**	Feet, °, °/100ft	**VS Az:**	239.08	**Method:**	Minimum Curvature
Drillers:	Wardell / Hartman	**Elevation:**	RKB @ 5412.3	**Map System:**	2 SP NAD 83		
Well Name:	RW 41-14B 43-047-16498	**Northing:**	7254579.56	**Latitude:**	40.214717		
Location:	Uintah Utah	**Easting:**	2258287.73	**Longitude:**	-109.287256		

7S 23E 14

QEP: RW 41-14B SVYS

No.	MD	CL	Inc.	Azi.	TVD	VS	+N/S-	+E/W-	BR	WR	DLS	Comments
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				Tie in RKB
1	25.00	25.00	0.28	69.03	25.00	-0.06	0.02	0.06	1.12	276.12	1.12	Native Gyro
2	100.00	75.00	0.44	36.72	100.00	-0.51	0.32	0.40	0.21	-43.08	0.34	Native Gyro
3	200.00	100.00	1.24	55.73	199.99	-1.94	1.24	1.52	0.80	19.01	0.84	Native Gyro
4	300.00	100.00	1.51	44.21	299.96	-4.30	2.79	3.34	0.27	-11.52	0.39	Native Gyro
5	400.00	100.00	1.34	52.01	399.93	-6.73	4.45	5.18	-0.17	7.80	0.26	Native Gyro
6	500.00	100.00	1.34	35.20	499.90	-8.96	6.13	6.77	0.00	-16.81	0.39	Native Gyro
7	600.00	100.00	0.99	26.99	599.88	-10.76	7.85	7.84	-0.35	-8.21	0.39	Native Gyro
8	700.00	100.00	0.81	39.94	699.87	-12.16	9.17	8.69	-0.18	12.95	0.27	Native Gyro
9	800.00	100.00	0.61	31.00	799.86	-13.30	10.16	9.41	-0.20	-8.94	0.23	Native Gyro
10	900.00	100.00	0.49	42.16	899.86	-14.18	10.94	9.97	-0.12	11.16	0.16	Native Gyro
11	1000.00	100.00	0.55	59.14	999.85	-15.07	11.50	10.67	0.06	16.98	0.16	Native Gyro
12	1100.00	100.00	0.48	58.30	1099.85	-15.97	11.97	11.44	-0.07	-0.84	0.07	Native Gyro
13	1200.00	100.00	0.30	86.39	1199.84	-16.62	12.20	12.06	-0.18	28.09	0.26	Native Gyro
14	1300.00	100.00	0.35	46.21	1299.84	-17.15	12.43	12.54	0.05	-40.18	0.23	Native Gyro
15	1400.00	100.00	0.42	71.05	1399.84	-17.80	12.76	13.11	0.07	24.84	0.18	Native Gyro
16	1500.00	100.00	0.09	285.35	1499.84	-18.11	12.90	13.38	-0.33	-145.70	0.50	Native Gyro
17	1600.00	100.00	0.23	120.57	1599.84	-18.15	12.82	13.48	0.14	-164.78	0.32	Native Gyro
18	1700.00	100.00	0.31	162.98	1699.84	-18.18	12.46	13.73	0.08	42.41	0.21	Native Gyro
19	1800.00	100.00	0.59	126.13	1799.84	-18.32	11.90	14.22	0.28	-36.85	0.39	Native Gyro
20	1900.00	100.00	0.58	147.87	1899.83	-18.53	11.17	14.91	-0.01	21.74	0.22	Native Gyro
21	2000.00	100.00	0.61	127.65	1999.83	-18.73	10.41	15.60	0.03	-20.22	0.21	Native Gyro
22	2100.00	100.00	0.73	144.39	2099.82	-18.98	9.57	16.39	0.12	16.74	0.23	Native Gyro
23	2200.00	100.00	0.65	134.57	2199.81	-19.17	8.65	17.17	-0.08	-9.82	0.14	Native Gyro
24	2300.00	100.00	0.91	137.87	2299.80	-19.47	7.67	18.10	0.26	3.30	0.26	Native Gyro
25	2400.00	100.00	0.95	138.65	2399.79	-19.77	6.45	19.18	0.04	0.78	0.04	Native Gyro
26	2500.00	100.00	1.28	136.97	2499.77	-20.16	5.02	20.49	0.33	-1.68	0.33	Native Gyro
27	2600.00	100.00	1.07	138.69	2599.75	-20.56	3.50	21.87	-0.21	1.72	0.21	Native Gyro
28	2700.00	100.00	1.04	133.51	2699.73	-20.97	2.17	23.15	-0.03	-5.18	0.10	Native Gyro
29	2800.00	100.00	0.86	151.31	2799.72	-21.19	0.89	24.17	-0.18	17.80	0.34	Native Gyro
30	2900.00	100.00	0.87	139.74	2899.71	-21.28	-0.35	25.02	0.01	-11.57	0.17	Native Gyro
31	3000.00	100.00	1.43	176.14	2999.69	-20.84	-2.17	25.59	0.56	36.40	0.89	Native Gyro
32	3100.00	100.00	1.66	172.51	3099.65	-19.69	-4.86	25.86	0.23	-3.63	0.25	Native Gyro
33	3200.00	100.00	2.05	171.03	3199.60	-18.45	-8.06	26.33	0.39	-1.48	0.39	Native Gyro
34	3300.00	100.00	2.26	169.07	3299.53	-17.11	-11.76	26.99	0.21	-1.96	0.22	Native Gyro
35	3400.00	100.00	2.13	155.88	3399.46	-16.21	-15.39	28.12	-0.13	-13.19	0.52	Native Gyro
36	3500.00	100.00	2.31	156.54	3499.38	-15.73	-18.94	29.68	0.18	0.66	0.18	Native Gyro
37	3600.00	100.00	2.28	151.30	3599.30	-15.39	-22.53	31.44	-0.03	-5.24	0.21	Native Gyro
38	3700.00	100.00	2.29	162.79	3699.22	-14.84	-26.18	32.98	0.01	11.49	0.46	Native Gyro

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84	7354.00	64.00	11.95	270.11	7322.12	242.76	-53.37	-251.01	0.81	-1.92	0.90	Native EM MWD
85	7417.00	63.00	11.03	267.65	7383.86	253.64	-53.60	-263.55	-1.46	-3.90	1.65	Native EM MWD
86	7481.00	64.00	10.55	263.87	7446.73	264.34	-54.48	-275.50	-0.75	-5.91	1.34	Native EM MWD
87	7544.00	63.00	10.06	261.76	7508.71	274.65	-55.88	-286.68	-0.78	-3.35	0.98	Native EM MWD
88	7607.00	63.00	9.84	262.73	7570.77	284.66	-57.35	-297.46	-0.35	1.54	0.44	Native EM MWD
89	7670.00	63.00	8.09	259.48	7632.99	293.74	-58.84	-307.16	-2.78	-5.16	2.89	Native EM MWD
90	7734.00	64.00	6.77	258.60	7696.46	301.52	-60.41	-315.29	-2.06	-1.38	2.07	Native EM MWD
91	7797.00	63.00	5.41	248.40	7759.10	307.95	-62.24	-321.69	-2.16	-16.19	2.75	Native EM MWD
92	7861.00	64.00	4.48	241.37	7822.86	313.43	-64.55	-326.69	-1.45	-10.98	1.73	Native EM MWD
93	7924.00	63.00	3.56	222.82	7885.71	317.76	-67.16	-330.18	-1.46	-29.44	2.51	Native EM MWD
94	7987.00	63.00	3.69	207.18	7948.58	321.36	-70.40	-332.43	0.21	-24.83	1.58	Native EM MWD
95	8051.00	64.00	3.69	199.53	8012.45	324.70	-74.17	-334.06	0.00	-11.95	0.77	Native EM MWD
96	8114.00	63.00	3.47	195.59	8075.33	327.65	-77.92	-335.25	-0.35	-6.25	0.52	Natve EM MWD
97	8178.00	64.00	2.77	188.90	8139.23	330.04	-81.31	-336.01	-1.09	-10.45	1.23	Natve EM MWD
98	8241.00	63.00	2.99	192.50	8202.15	332.15	-84.42	-336.60	0.35	5.71	0.45	Native EM MWD
99	8305.00	64.00	3.12	181.78	8266.06	334.23	-87.79	-337.02	0.20	-16.75	0.91	Native EM MWD
100	8368.00	63.00	3.69	175.59	8328.95	336.07	-91.52	-336.92	0.90	-9.83	1.08	Native EM MWD
101	8432.00	64.00	3.30	176.95	8392.83	337.85	-95.42	-336.66	-0.61	2.12	0.62	Native EM MWD
102	8495.00	63.00	2.73	211.40	8455.75	340.02	-98.51	-337.35	-0.90	54.68	2.96	Native EM MWD
103	8559.00	64.00	3.03	204.19	8519.67	342.76	-101.35	-338.83	0.47	-11.27	0.73	Native EM MWD
104	8622.00	63.00	2.42	195.05	8582.60	345.08	-104.16	-339.86	-0.97	-14.51	1.19	Native EM MWD
105	8685.00	63.00	2.29	205.25	8645.55	347.08	-106.58	-340.74	-0.21	16.19	0.70	Native EM MWD
106	8748.00	63.00	2.37	200.85	8708.49	349.15	-108.94	-341.74	0.13	-6.98	0.31	Native EM MWD
107	8811.00	63.00	1.98	188.72	8771.45	350.87	-111.23	-342.37	-0.62	-19.25	0.95	Native EM MWD
108	8875.00	64.00	1.80	173.34	8835.41	351.99	-113.32	-342.42	-0.28	-24.03	0.84	Native EM MWD
109	8938.00	63.00	2.64	165.52	8898.37	352.81	-115.71	-341.95	1.33	-12.41	1.41	Native EM MWD
110	9002.00	64.00	2.20	152.51	8962.31	353.30	-118.22	-341.01	-0.69	-20.33	1.10	Native EM MWD
111	9065.00	63.00	2.11	152.95	9025.27	353.45	-120.33	-339.92	-0.14	0.70	0.15	Native EM MWD
112	9129.00	64.00	2.50	162.09	9089.21	353.84	-122.71	-338.96	0.61	14.28	0.84	Native EM MWD
113	9192.00	63.00	2.42	132.21	9152.16	353.76	-124.91	-337.55	-0.13	-47.43	2.02	Native EM MWD
114	9255.00	63.00	2.42	123.60	9215.10	352.81	-126.54	-335.46	0.00	-13.67	0.58	Native EM MWD
115	9318.00	63.00	2.99	137.66	9278.03	351.91	-128.49	-333.24	0.90	22.32	1.38	Native EM MWD
116	9382.00	64.00	3.08	134.49	9341.94	351.14	-130.93	-330.89	0.14	-4.95	0.30	Native EM MWD
117	9446.00	64.00	3.21	119.64	9405.85	349.83	-133.02	-328.11	0.20	-23.20	1.29	Native EM MWD
118	9509.00	63.00	3.38	130.36	9468.74	348.37	-135.09	-325.16	0.27	17.02	1.01	Native EM MWD
119	9571.00	62.00	3.12	125.71	9530.64	347.11	-137.26	-322.40	-0.42	-7.50	0.60	Native EM MWD
120	9634.00	63.00	3.34	127.55	9593.54	345.76	-139.38	-319.55	0.35	2.92	0.39	Native EM MWD
121	9698.00	64.00	3.12	137.57	9657.44	344.73	-141.80	-316.90	-0.34	15.66	0.95	Native EM MWD
122	9762.00	64.00	2.73	135.81	9721.36	344.03	-144.18	-314.66	-0.61	-2.75	0.63	Native EM MWD
123	9826.00	64.00	2.99	138.01	9785.28	343.36	-146.52	-312.48	0.41	3.44	0.44	Native EM MWD
124	9888.00	62.00	2.81	126.94	9847.20	342.47	-148.63	-310.18	-0.29	-17.86	0.95	Native EM MWD
125	9951.00	63.00	2.86	126.67	9910.12	341.29	-150.50	-307.69	0.08	-0.43	0.08	Native EM MWD
126	10015.00	64.00	3.38	125.18	9974.03	339.92	-152.54	-304.87	0.81	-2.33	0.82	Native EM MWD
127	10078.00	63.00	3.21	132.74	10036.92	338.67	-154.81	-302.05	-0.27	12.00	0.74	Native EM MWD
128	10142.00	64.00	3.16	121.40	10100.83	337.35	-156.94	-299.23	-0.08	-17.72	0.99	Native EM MWD

129	10206.00	64.00	3.65	123.24	10164.71	335.64	-158.98	-296.02	0.77	2.87	0.78	Native EM MWD
130	10269.00	63.00	3.56	123.33	10227.59	333.92	-161.15	-292.71	-0.14	0.14	0.14	Native EM MWD
131	10332.00	63.00	3.21	127.02	10290.48	332.40	-163.29	-289.67	-0.56	5.86	0.65	Native EM MWD
132	10395.00	63.00	2.73	127.11	10353.39	331.18	-165.25	-287.06	-0.76	0.14	0.76	Native EM MWD
133	10459.00	64.00	3.47	136.87	10417.30	330.20	-167.59	-284.52	1.16	15.25	1.42	Native EM MWD
134	10523.00	64.00	3.47	130.19	10481.18	329.16	-170.25	-281.72	0.00	-10.44	0.63	Native EM MWD
135	10587.00	64.00	3.21	134.58	10545.07	328.09	-172.76	-278.96	-0.41	6.86	0.57	Native EM MWD
136	10650.00	63.00	3.87	132.65	10607.95	327.05	-175.44	-276.14	1.05	-3.06	1.06	Native EM MWD
137	10713.00	63.00	3.52	132.03	10670.82	325.88	-178.17	-273.14	-0.56	-0.98	0.56	Native EM MWD
138	10776.00	63.00	3.69	144.69	10733.70	325.15	-181.12	-270.53	0.27	20.10	1.29	Native EM MWD
139	10807.00	31.00	3.52	139.42	10764.64	324.92	-182.66	-269.34	-0.55	-17.00	1.20	Native EM MWD
140	10852.00	45.00	3.27	139.42	10809.56	324.47	-184.68	-267.60	-0.55	0.00	0.55	Proj. @ bit

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Operations Summary Report

Well Name: RWU 41-14B
Location: 14- 7-S 23-E 27
Rig Name: AZTEC

43-047-16498

Spud Date: 3/23/2012
Rig Release: 4/1/2012
Rig Number: 950

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/21/2012	06:00 - 12:00	6.00	LOC	4	RIG DOWN AND PREPARE FOR TRUCKS
	12:00 - 19:30	7.50	LOC	3	MOVE 4.6 MILES WITH WESTROC TRUCKING. 70% MOVED, 15% RIGGED UP. TRAILERS, SUBS, BHA, 2 SETS OF RACKS ON OLD LOCATION. MUDTANK AND PUMPS ARE SET ON NEW LOCATION.
	19:30 - 06:00	10.50	OTH		WAIT ON DAYLIGHT
3/22/2012	06:00 - 06:00	24.00	LOC	4	FINISH RIGGING DOWN, MOVE TO NEW LOCATION AND RIG UP-SET RIG IN PLACE,HOOK UP BACK YARD AND RIG UP FLOOR. START PICKING UP TOP DRIVE. 100 % MOVED & 80 % RIGGED UP
3/23/2012	06:00 - 12:00	6.00	LOC	4	FINISH PICKING UP TOP DRIVE AND TEST AND INSPECT RIG
	12:00 - 21:30	9.50	BOP	1	NIPPLE UP 11" 5K BOP
	21:30 - 22:00	0.50	BOP	2	PRE JOB SAFETY MEETING AND RIG UP BOP TESTERS
	22:00 - 04:00	6.00	BOP	2	TEST BOP PIPE, BLIND RAMS & ALL KILL LINE & CHOKE MANIFOLD TO 250 LOW & 5000 PSI HIGH ANNULAR TO 250 LOW & 2500 PSI HIGH , TEST I BOP AND ALL FLOOR VALVES TO 250 LOW & 5000 HIGH TEST MUD LINES TO 4000 PSI FROM STAND PIPE VALVE TO PUMP VALVES
	04:00 - 06:00	2.00	TRP	1	PJSM AND RIG UP LAY DOWN MACHINE/PICK UP AND ORINATE DIRECTIONAL TOOLS
3/24/2012	06:00 - 08:00	2.00	TRP	2	PICK UP BHA
	08:00 - 09:30	1.50	CIRC	1	BREAK CIRCULATION,INSTALL ROTATING HEAD AND DRILL BRIDGE PLUG @ 1014'
	09:30 - 14:00	4.50	TRP	2	PICK UP DRILL PIPE- TAGGED UP @5668' (SHOE)
	14:00 - 14:30	0.50	REAM	1	REAM F/5668 T/5682 - HOLD SAFETY MEETING FOR GYRO SURVEY
	14:30 - 16:30	2.00	SUR	1	RIG UP AND RUN GYRO SURVEY
	16:30 - 17:00	0.50	REAM	1	REAM OLD HOLE F/5682 T/5690
	17:00 - 02:00	9.00	DRL	2	DIRECTIONAL DRILL F/5690 T/ 6129 439' 48.8'/HR 256 GPM RPM= 110 BIT WT = 10/12 K = 439 FT =48.7 FPR
	02:00 - 02:30	0.50	RIG	1	RIG SERVICE
	02:30 - 05:00	2.50	DRL	2	DIRECTIONAL DRILL FROM 6129 FT TO 6320 191' 76.4'/8HR 256 GPM BIT WT= 10/12 K =191 FT =76.4 FPR
	05:00 - 06:00	1.00	SUR	1	CONNECTIONS & SURVEYS
3/25/2012	06:00 - 22:30	16.50	DRL	2	DIRECTIONAL DRILL F/6320 T/ 7399 = 1079 FT 65.3 FPR BIT WT= 10 /12 K GPM= 255 BIT SPEED= 110
	22:30 - 23:00	0.50	RIG	1	RIG SERVICE
	23:00 - 05:00	6.00	DRL	2	DIRECTIONAL DRILL FROM 7399 TO 7810 411' 68.5'/HR WOB 10/12 RPM 110 GPM 255
	05:00 - 06:00	1.00	SUR	1	SURVEYS & CONNECTIONS
3/26/2012	06:00 - 14:00	8.00	DRL	2	DIRECTIONAL DRILL F/7810 T/8224 414' 51.8'/HR WOB 10/12 RPM 110 GPM 256
	14:00 - 14:30	0.50	RIG	1	RIG SERVICE
	14:30 - 17:00	2.50	DRL	2	DIRECTIONAL DRILL F/8224 T/8390 166' 66.4'/HR WOB 10/12 GPM 255 RPM 110
	17:00 - 18:00	1.00	SUR	1	CONNECTIONS AND SURVEYS
	18:00 - 01:30	7.50	DRL	1	DIRECTIONAL DRILL F/8390 T/ 8793 403 FT = 53.7 FPR WOB 10 /12 K GPM= 255 RPM= 110
	01:30 - 02:00	0.50	RIG	1	RIG SERVICE FUNCTION PIPE RAMS
	02:00 - 05:00	3.00	DRL	2	DIRECTIONAL DRILL FROM 8793 FT TO 8980 =187 FT =62.3 FPR WOB 10/12 K GPM= 255 RPM = 110
	05:00 - 06:00	1.00	SUR	1	CONNECTIONS & SURVEYS
3/27/2012	06:00 - 12:30	6.50	DRL	2	DIRECTIONAL DRILL F/8980 T/9300 320' 49.2'/HR WOB 10/12 RPM 110 GPM 256
	12:30 - 13:30	1.00	RIG	1	MOVE GUIDE LINES AND HAVE SAFETY STAND DOWN-RIG SERVICE
	13:30 - 17:00	3.50	DRL	2	DIRECTIONAL DRILL F/9300 T/9491 191' 54.6'/HR

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Operations Summary Report

Well Name: RWU 41-14B
Location: 14- 7-S 23-E 27
Rig Name: AZTEC

Spud Date: 3/23/2012
Rig Release: 4/1/2012
Rig Number: 950

Date	From - To	Hours	Code	Sub Code	Description of Operations
3/27/2012	13:30 - 17:00	3.50	DRL	2	WOB 10/12 RPM 110 GPM 256
	17:00 - 18:00	1.00	SUR	1	SURVEYS AND CONNECTIONS
	18:00 - 04:00	10.00	DRL	2	DIRECTIONAL DRILL F/9491 T/ 9870 =379 FT = 37.9 FPR
					WOB= 10/12 K RPM= 110 GPM=255
	04:00 - 04:30	0.50	RIG	1	RIG SERVICE & SAFETY STAND DOWN
	04:30 - 05:00	0.50	DRL	2	DRILL FROM 9870 FT TO 9933 FT =63 FT =126 FPR
					WOB= 10 /12 RPM=105 GPM= 235
	05:00 - 06:00	1.00	SUR	1	CONNECTIONS & SURVEYS
3/28/2012	06:00 - 15:00	9.00	DRL	2	DIRECTIONAL DRILL F/9933 T/10315 382' 42.4'/HR
					WOB 10/12 GPM 235 RPM 105
	15:00 - 15:30	0.50	RIG	1	RIG SERVICE
	15:30 - 17:00	1.50	DRL	2	DIRECTIONAL DRILL F/10315 T/ 10377=62 FT =41.3 FPR
					WOB= 10/12 K GPM=235 RPM= 105
	17:00 - 18:00	1.00	SUR	1	CONNECTIONS & SURVEYS
	18:00 - 05:00	11.00	DRL	2	DIRECTIONAL DRILL FROM 10377 TO 10645 =268 FT = 24.3FPR
					WOB= 10 /12 K GPM=235 RPM=105
	05:00 - 06:00	1.00	SUR	1	CONNECTIONS & SURVEYS
3/29/2012	06:00 - 08:00	2.00	DRL	2	DIRECTIONAL DRILL F/10645 T/10695 40' 20'/HR
					WOB 12/14 RPM 105 GOM 235
	08:00 - 09:30	1.50	CIRC	1	CURCULATE AND CONDTION HOLE / WAIT ON ORDERS
	09:30 - 15:30	6.00	DRL	2	DIRECTIONAL DRILL F/10695 T/10852
	15:30 - 18:30	3.00	CIRC	1	CURCULATE AND CONDTION HOLE FOR LOGS
					BRING MUD WEIGHT UP TO 10.0 PPG
	18:30 - 02:00	7.50	TRP	14	SHORT TRIP TO THE SHOE @ 5670 FT
	02:00 - 02:30	0.50	REAM	1	WASH & REAM FROM 10822 TO 10852 (30 FT OF FILL)
	02:30 - 04:00	1.50	CIRC	1	CIRC BOTTOMS UP @ 10852 FT
	04:00 - 05:30	1.50	TRP	14	SHORT TRIP 15 STANDS
	05:30 - 06:00	0.50	REAM	1	WASH 60' TO BOTTOM(NO FILL)
3/30/2012	06:00 - 07:30	1.50	CIRC	1	CIRCULATE AND CONDITION HOLE FOR LOGS
	07:30 - 15:00	7.50	TRP	2	TRIP OUT OF HOLE FOR LOGS
					SLM =10855.38', 3.38' DIFF. -NO CORRECTION
	15:00 - 16:00	1.00	TRP	1	LAY DOWN DIRECTIONAL TOOLS, MONELS AND MOTOR
	16:00 - 17:30	1.50	RIG	6	CUT DRILLING LINE
	17:30 - 18:00	0.50	RIG	1	RIG SERVICE
	18:00 - 19:30	1.50	LOG	1	WAIT ON LOGGING TRUCK
	19:30 - 20:00	0.50	LOG	1	PRE JOB SAFETY MEETING AND RIG UP LOGGING TRUCK
	20:00 - 02:30	6.50	LOG	1	RUN IN THE HOLE WITH TRIPPLE COMBO LOGS AND LOG WELL LOGGERS
					T.D. 10854 FT
	02:30 - 03:00	0.50	LOG	1	RIG DOWN LOGGING TRUCK
	03:00 - 06:00	3.00	TRP	2	PICK UP BIT #1 R.R. BIT SUB & TRIP IN THE HOLE
3/31/2012	06:00 - 09:00	3.00	TRP	15	TRIP IN HOLE
	09:00 - 10:00	1.00	REAM	1	WASH 150' TO BOTTOM-5' OF FILL
	10:00 - 12:00	2.00	CIRC	1	CIRCULATE AND CONDTION,HOLD SAFETY MEETING AND RIG UP LAY
					DOWN TRUCK
	12:00 - 20:30	8.50	TRP	3	LAY DOWN DRILL PIPE
	20:30 - 22:30	2.00	CSG	1	PJSM AND RIG UP CASING CREWS & CHANGE TO LONG BAILS
	22:30 - 06:00	7.50	CSG	2	RUN 4 1/2" CASING
4/1/2012	06:00 - 08:00	2.00	CSG	2	RUN 4 1/2" CASING- TIGHT SPOT @ 9430'
	08:00 - 10:00	2.00	CIRC	1	CIRCUALTE AND CONDITION HOLE, PUMP HIGH VIS SWEEP AND
					SPOT NUT PLUG ON THE BACK SIDE
	10:00 - 11:00	1.00	CSG	2	RUN 262 JOINT OF 4 1/2",11.6#,P-110 LT&C CASING
					WASH 40' TO BOTTOM-LANDED @ 10835'
	11:00 - 13:00	2.00	CIRC	1	CIRCULATE AND CONDITION HOLE FOR CEMENT

QEP ENERGY

Operations Summary Report

Well Name: RWU 41-14B
Location: 14- 7-S 23-E 27
Rig Name: AZTEC

Spud Date: 3/23/2012
Rig Release: 4/1/2012
Rig Number: 950

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/1/2012	11:00 - 13:00	2.00	CIRC	1	RIG DOWN CASERS
	13:00 - 13:30	0.50	CMT	1	PJSM AND RIG UP HALLIBURTON CEMENTERS
	13:30 - 16:00	2.50	CMT	2	PUMP CEMENT-PRESSURE TEST LINES TO 5000 PSI. 20 BBL 9.2 PPGSUPER FLUSH. 20 BBL SPACER, LEAD 360 SACKS OF EXTENDACEM, TAIL 220 SACKS OF EXTENDALITE. DISPLACED WITH 168 BBLS OF KCL WATER. PLUG BUMPED AND FLOATS HELD. GOOD RETURNS THROUGHT JOB. NE CEMENT TO SURFACE, JUST STARTED TO GET SPACER BACK. 1530'+- DOWN TO CEMENT
	16:00 - 00:00	8.00	BOP	1	PICK UP BOP SET SLIPS @ 170 K CUT OFF CASING NIPPLE DOWN & CLEAN MUD PITS RIG RELEASED @ 00 :00 4-1-2012
	00:00 - 06:00	6.00	LOC	4	RIG DOWN PREPARE FOR TRUCKS

QEP ENERGY

Operations Summary Report

Well Name: RWU 41-14B
Location: 14- 7-S 23-E 27
Rig Name: BASIN WELL SERVICE

Spud Date: 3/23/2012
Rig Release: 12/5/2011
Rig Number: 4

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/11/2012	07:00 - 08:00	1.00			RU HALLIBURTON, PRIME AND TEST LINES
	08:00 - 09:00	1.00			BEGIN STAGE 1, LOST A PUMP WITH 11,000# SAND PUMPED, UNABLE TO MAINTAIN SUFFICIENT RATE WITH REMAINING PUMPS, WENT TO FLUSH
	09:00 - 10:00	1.00			SPOTTED IN REPLACEMENT PUMP TRUCK
	10:00 - 11:30	1.50			STARTED STAGE 1 AGAIN, PUMPED AN ADDITIONAL 66000# 30-50 SAND, CUT STAGE SHORT TO AVOID SCREEN OUT, LOST SECOND PUMP JUST AS WE PUMPED THE LAST OF THE FLUSH VOLUME
	11:30 - 13:00	1.50			SET FRAC PLUG @ 10,200' PREF STAGE TWO
	13:00 - 14:30	1.50			WAIT ON REPLACE REPLACEMENT PUMP TO ARRIVE
	14:30 - 15:30	1.00			MOVE INQUIPMENT AND SPOT IN REPLACEMENT PUMP TRUCK
	15:30 - 16:00	0.50			TEST LINES
	16:00 - 17:30	1.50			FRAC STAGE 2, SCREENED OUT WITH 66,000# 30-50 SAND IN FORMATION, LEAVING 59 SACKS IN CASING.
	17:30 - 18:30	1.00			FLOWBACK TO PIT TO UNLOAD CASING, SHUT WELL IN FOR NIGHT
4/12/2012	05:30 - 07:00	1.50	TRAV	1	4/12/2012. CREW TRAVEL
	07:00 - 07:15	0.25	RIG	7	SAFETY MEETING ON DRILLING OUT PLUGS. LONE WOLF MOVE IN & RIG UP
	07:15 - 09:00	1.75	LOC	3	ROAD RIG FROM THE RW 42-14B TO LOCATION. SPOT IN & WAIT ON WIRE LINE TO SET KILL PLUG @ 5994'
	09:00 - 10:00	1.00	LOC	4	RU RIG & SPOT IN EQUIPMENT
	10:00 - 11:00	1.00	BOP	1	CHECK SICP=0. ND FRAC VALVE. NU BOP STACK. RU FLOOR & TBG EQUIPMENT
	11:00 - 16:00	5.00	TRP	5	TALLY & MAKE UP BIT, PUMP OFF BIT SUB, F-NIPPLE. TALLY & START PICKING UP 2 3/8" L-80 TBG. PICK UP 190 JNTS TO TAG UP ON KILL PLUG @ 5982'. LD JNT#190
	16:00 - 16:30	0.50	SEQ	1	RU SWIVEL & RIG PUMP. MAKE UP DRILLING RUBBER
	16:30 - 17:00	0.50	CIRC	1	PUMP 23 BBLS TO GET CIRC & 10 BBLS PAST VOLUME FOR A TOTAL OF 33 BBLS. TEST STACK TO 2000 PSI HOLDS GOOD. BLEED OFF
	17:00 - 17:30	0.50	DRL	5	TAG UP ON KILL PLUG START DRILLING OUT. GET IT DRILLED UP IN 15 MIN. TAKE A KICK OF 450 PSI PUMP PSI UP TO 1200.
	17:30 - 19:00	1.50	TRP	5	TALLY & PICK UP 43 JNTS EOT @ 7372'. TRUN WELL OVER TO FLOW BACK CREW. SHUT TBG IN. CLEAN UP. SDFN
	19:00 -		TRAV	1	CREW TRAVEL
4/13/2012	05:30 - 07:00	1.50	TRAV	1	4/13/2012. CREW TRAVEL
	07:00 - 07:15	0.25	RIG	7	SAFETY MEETING ON PICKING UP TBG. CHECK SITP=0, FCP=600
	07:15 - 10:00	2.75	TRP	5	TALLY & PICK UP 90 JNTS OF 2 3/8" L-80 TBG TO TAG UP ON FRAC PLUG @ 10,205'
	10:00 - 10:30	0.50	DRL	5	RU SWIVEL & PUMP. GET CIRC WITH 15 BBLS, DRILL OUT PLUG IN 12 MINS
	10:30 - 11:00	0.50	TRP	5	RIH WITH 23 TAG UP ON FILL @ 10,740'
	11:00 - 11:45	0.75	DRL	5	RU SWIVEL & PUMP GET CIRC W/ 5 BBLS. CLEAN OUT PLUG & SAND DOWN TO 10,825' TAG UP ON HARD DRILLING
	11:45 - 12:15	0.50	CIRC	1	PUMP 10 BBLS TO GET SAND OFF BOTTOM TO PERF. PUMP 30 GALS OF CHEM AND DISPLACE WITH 40 BBLS
	12:15 - 13:00	0.75	TRP	14	POOH & LD WITH 16 JNTS OF 2 3/8" L-80 TBG. EOT @10,344'. LD DRILLING RUBBER. MAKE UP TBG HANGER. CLOSE WELL IN LAND TBG IN HANGER. ISIP OF CASING 400. BLEED STACK OFF
	13:00 - 14:30	1.50	BOP	1	EAT LUNCH. RD FLOOR. ND BOPS. DROP BALL TO PUMP BIT OFF WITH. NU WELL HEAD RU PUMP TO TBG.
	14:30 - 15:00	0.50	CIRC	3	PUMP WITH 25 BBLS, PSI UP TO 1900 PUMP 5 BBLS MORE TO MAKE SHUR THE BIT WAS GONE. SHUT WELL IN TO BUILD UP PSI. ISIP ON CASING 500 &

QEP ENERGY

Operations Summary Report

Well Name: RWU 41-14B
Location: 14- 7-S 23-E 27
Rig Name: BASIN WELL SERVICE

Spud Date: 3/23/2012
Rig Release: 12/5/2011
Rig Number: 4

Date	From - To	Hours	Code	Sub Code	Description of Operations
4/13/2012	14:30 - 15:00	0.50	CIRC	3	ISIP ON TBG 0
	15:00 - 16:00	1.00	LOC	4	RACK OUT EQUIPMENT. RIG DOWN. CLEAN UP LOCATION
	16:00 - 17:00	1.00	LOC	3	ROAD RIG 13 MILES TO THE RW 34-23AG. PARK OFF SIDE OF LOCATION. SDFW
	17:00 - 18:30	1.50	TRAV	1	CREW TRAVEL

CONFIDENTIAL

AMENDED REPORT ☐ (highlight changes)

FORM 8

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-081

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME: Red Wash

8. WELL NAME and NUMBER: RW 41-14B

9. API NUMBER: 4304716498

10 FIELD AND POOL, OR WILDCAT: Red Wash

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 14 7S 23E

12. COUNTY: Uintah

13. STATE: UTAH

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☑ DRY ☐ OTHER

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

2. NAME OF OPERATOR: QEP Energy Company

3. ADDRESS OF OPERATOR: 1050 17th Street, Ste. 50(CITY Denver STATE CO ZIP 80265

PHONE NUMBER: (303) 308-3060

4. LOCATION OF WELL (FOOTAGES)

AT SURFACE: 746' FNL, 663' FEL

AT TOP PRODUCING INTERVAL REPORTED BELOW:

AT TOTAL DEPTH: ~~888'~~ 931 FNL, ~~902'~~ 931 FEL BHL by HSM

14. DATE SPUDDED: 3/23/2012

15. DATE T.D. REACHED: 3/29/2012

16. DATE COMPLETED: 4/13/2012 ABANDONED ☐ READY TO PRODUCE ☑

17. ELEVATIONS (DF, RKB, RT, GL): 5412' - KB

18. TOTAL DEPTH: MD 10,852 TVD 10,8~~00~~ 10

19. PLUG BACK T.D.: MD / TVD

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

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
6.125"	4.5 P110	11.6	0	10,835		ClassG 580	254	3700	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Mesa Verde	9,984	10,643		
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
9,984 10,643	.35	96	Open ☑ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
9,984' - 10,643'	38.4 Bbl 15% HCl; 7,724 Bbl slick water; 1,491 sks 30/50 sand

RECEIVED
MAY 23 2012
DIV. OF OIL, GAS & MINING

29. ENCLOSED ATTACHMENTS:

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

30. WELL STATUS: Producing

(5/2000)

(CONTINUED ON BACK)

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:
4/13/2012		4/15/2012		24			27	1,462	376	Flowing
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:
20/64	1,170	1,703					27	1,462	376	

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	2,780
Mahogany	3,447
Wasatch	5,635
Mesa Verde	8,148
Sego	10,871

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) Morgan Anderson TITLE Regulatory Affairs Analyst

SIGNATURE Morgan Anderson DATE 5/22/2012

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

Definitive Survey

Co:	Native Navigation	**Units:**	Feet, °, °/100ft	**VS Az:**	239.08
Drillers:	Wardell / Hartman	**Elevation:**	RKB @ 5412.3	**Map System:**	2 SP NAD 83
Well Name:	RW 41-14B	**Northing:**	7254579.56	**Latitude:**	40.214717
Location:	Uintah Utah	**Easting:**	2258287.73	**Longitude:**	-109.287256

Method: Minimum Curvature

QEP: RW 41-14B SVYS

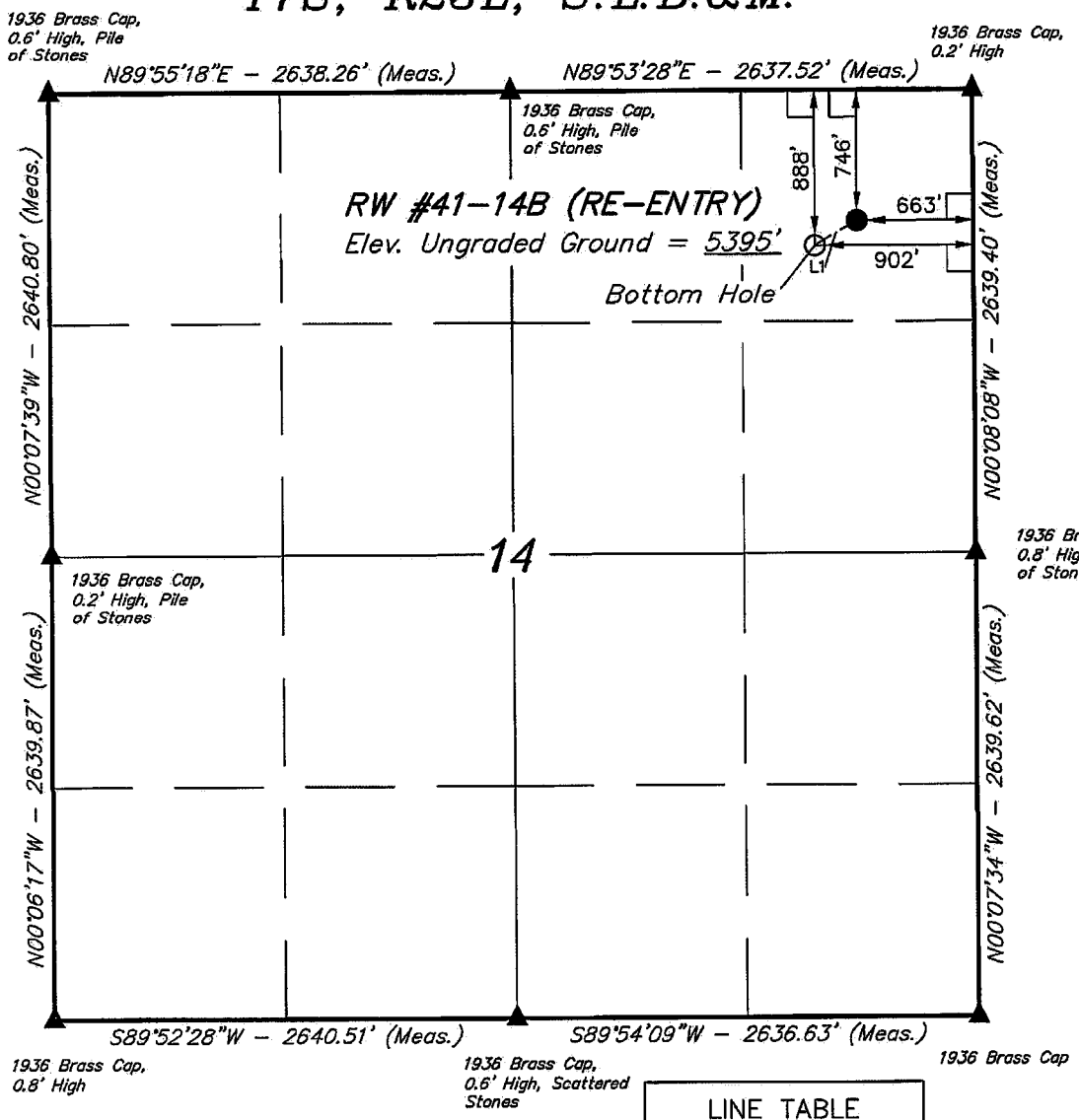
No.	MD	CL	Inc.	Azi.	TVD	VS	+N/S-	+E/W-	BR	WR	DLS	Comments
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				Tie in RKB
1	25.00	25.00	0.28	69.03	25.00	-0.06	0.02	0.06	1.12	276.12	1.12	Native Gyro
2	100.00	75.00	0.44	36.72	100.00	-0.51	0.32	0.40	0.21	-43.08	0.34	Native Gyro
3	200.00	100.00	1.24	55.73	199.99	-1.94	1.24	1.52	0.80	19.01	0.84	Native Gyro
4	300.00	100.00	1.51	44.21	299.96	-4.30	2.79	3.34	0.27	-11.52	0.39	Native Gyro
5	400.00	100.00	1.34	52.01	399.93	-6.73	4.45	5.18	-0.17	7.80	0.26	Native Gyro
6	500.00	100.00	1.34	35.20	499.90	-8.96	6.13	6.77	0.00	-16.81	0.39	Native Gyro
7	600.00	100.00	0.99	26.99	599.88	-10.76	7.85	7.84	-0.35	-8.21	0.39	Native Gyro
8	700.00	100.00	0.81	39.94	699.87	-12.16	9.17	8.69	-0.18	12.95	0.27	Native Gyro
9	800.00	100.00	0.61	31.00	799.86	-13.30	10.16	9.41	-0.20	-8.94	0.23	Native Gyro
10	900.00	100.00	0.49	42.16	899.86	-14.18	10.94	9.97	-0.12	11.16	0.16	Native Gyro
11	1000.00	100.00	0.55	59.14	999.85	-15.07	11.50	10.67	0.06	16.98	0.16	Native Gyro
12	1100.00	100.00	0.48	58.30	1099.85	-15.97	11.97	11.44	-0.07	-0.84	0.07	Native Gyro
13	1200.00	100.00	0.30	86.39	1199.84	-16.62	12.20	12.06	-0.18	28.09	0.26	Native Gyro
14	1300.00	100.00	0.35	46.21	1299.84	-17.15	12.43	12.54	0.05	-40.18	0.23	Native Gyro
15	1400.00	100.00	0.42	71.05	1399.84	-17.80	12.76	13.11	0.07	24.84	0.18	Native Gyro
16	1500.00	100.00	0.09	285.35	1499.84	-18.11	12.90	13.38	-0.33	-145.70	0.50	Native Gyro
17	1600.00	100.00	0.23	120.57	1599.84	-18.15	12.82	13.48	0.14	-164.78	0.32	Native Gyro
18	1700.00	100.00	0.31	162.98	1699.84	-18.18	12.46	13.73	0.08	42.41	0.21	Native Gyro
19	1800.00	100.00	0.59	126.13	1799.84	-18.32	11.90	14.22	0.28	-36.85	0.39	Native Gyro
20	1900.00	100.00	0.58	147.87	1899.83	-18.53	11.17	14.91	-0.01	21.74	0.22	Native Gyro
21	2000.00	100.00	0.61	127.65	1999.83	-18.73	10.41	15.60	0.03	-20.22	0.21	Native Gyro
22	2100.00	100.00	0.73	144.39	2099.82	-18.98	9.57	16.39	0.12	16.74	0.23	Native Gyro
23	2200.00	100.00	0.65	134.57	2199.81	-19.17	8.65	17.17	-0.08	-9.82	0.14	Native Gyro
24	2300.00	100.00	0.91	137.87	2299.80	-19.47	7.67	18.10	0.26	3.30	0.26	Native Gyro
25	2400.00	100.00	0.95	138.65	2399.79	-19.77	6.45	19.18	0.04	0.78	0.04	Native Gyro
26	2500.00	100.00	1.28	136.97	2499.77	-20.16	5.02	20.49	0.33	-1.68	0.33	Native Gyro
27	2600.00	100.00	1.07	138.69	2599.75	-20.56	3.50	21.87	-0.21	1.72	0.21	Native Gyro
28	2700.00	100.00	1.04	133.51	2699.73	-20.97	2.17	23.15	-0.03	-5.18	0.10	Native Gyro
29	2800.00	100.00	0.86	151.31	2799.72	-21.19	0.89	24.17	-0.18	17.80	0.34	Native Gyro
30	2900.00	100.00	0.87	139.74	2899.71	-21.28	-0.35	25.02	0.01	-11.57	0.17	Native Gyro
31	3000.00	100.00	1.43	176.14	2999.69	-20.84	-2.17	25.59	0.56	36.40	0.89	Native Gyro
32	3100.00	100.00	1.66	172.51	3099.65	-19.69	-4.86	25.86	0.23	-3.63	0.25	Native Gyro
33	3200.00	100.00	2.05	171.03	3199.60	-18.45	-8.06	26.33	0.39	-1.48	0.39	Native Gyro
34	3300.00	100.00	2.26	169.07	3299.53	-17.11	-11.76	26.99	0.21	-1.96	0.22	Native Gyro
35	3400.00	100.00	2.13	155.88	3399.46	-16.21	-15.39	28.12	-0.13	-13.19	0.52	Native Gyro
36	3500.00	100.00	2.31	156.54	3499.38	-15.73	-18.94	29.68	0.18	0.66	0.18	Native Gyro
37	3600.00	100.00	2.28	151.30	3599.30	-15.39	-22.53	31.44	-0.03	-5.24	0.21	Native Gyro
38	3700.00	100.00	2.29	162.79	3699.22	-14.84	-26.18	32.98	0.01	11.49	0.46	Native Gyro

39	3800.00	100.00	2.55	159.82	3799.13	-13.95	-30.18	34.34	0.26	-2.97	0.29	Native Gyro
40	**3900.00**	**100.00**	**2.05**	**156.85**	**3899.05**	**-13.30**	**-33.91**	**35.81**	**-0.50**	**-2.97**	**0.51**	**Native Gyro**
41	4000.00	100.00	1.76	157.05	3999.00	-12.84	-36.97	37.12	-0.29	0.20	0.29	Native Gyro
42	**4100.00**	**100.00**	**1.56**	**155.01**	**4098.95**	**-12.49**	**-39.62**	**38.29**	**-0.20**	**-2.04**	**0.21**	**Native Gyro**
43	4200.00	100.00	1.25	150.53	4198.92	-12.32	-41.80	39.40	-0.31	-4.48	0.33	Native Gyro
44	**4300.00**	**100.00**	**1.01**	**158.74**	**4298.90**	**-12.15**	**-43.58**	**40.26**	**-0.24**	**8.21**	**0.29**	**Native Gyro**
45	4400.00	100.00	1.25	158.48	4398.88	-11.82	-45.41	40.98	0.24	-0.26	0.24	Native Gyro
46	**4500.00**	**100.00**	**1.25**	**151.39**	**4498.86**	**-11.60**	**-47.38**	**41.90**	**0.00**	**-7.09**	**0.15**	**Native Gyro**
47	4600.00	100.00	1.28	156.89	4598.84	-11.40	-49.37	42.86	0.03	5.50	0.13	Native Gyro
48	**4700.00**	**100.00**	**1.21**	**156.54**	**4698.81**	**-11.11**	**-51.36**	**43.72**	**-0.07**	**-0.35**	**0.07**	**Native Gyro**
49	4800.00	100.00	1.21	137.31	4798.79	-11.19	-53.11	44.86	0.00	-19.23	0.40	Native Gyro
50	**4900.00**	**100.00**	**1.18**	**151.22**	**4898.77**	**-11.37**	**-54.79**	**46.07**	**-0.03**	**13.91**	**0.29**	**Native Gyro**
51	5000.00	100.00	1.13	169.36	4998.75	-10.99	-56.66	46.74	-0.05	18.14	0.37	Native Gyro
52	**5100.00**	**100.00**	**1.08**	**161.05**	**5098.73**	**-10.45**	**-58.52**	**47.23**	**-0.05**	**-8.31**	**0.17**	**Native Gyro**
53	5200.00	100.00	0.91	170.47	5198.72	-9.97	-60.19	47.67	-0.17	9.42	0.24	Native Gyro
54	**5300.00**	**100.00**	**0.93**	**163.12**	**5298.70**	**-9.48**	**-61.75**	**48.04**	**0.02**	**-7.35**	**0.12**	**Native Gyro**
55	5400.00	100.00	1.10	192.28	5398.69	-8.62	-63.47	48.07	0.17	29.16	0.54	Native Gyro
56	**5500.00**	**100.00**	**1.05**	**194.68**	**5498.67**	**-7.31**	**-65.29**	**47.63**	**-0.05**	**2.40**	**0.07**	**Native Gyro**
57	5572.00	72.00	1.19	171.71	5570.66	-6.55	-66.67	47.57	0.19	-31.90	0.65	Native Gyro
58	5703.00	131.00	1.05	212.45	5701.63	-4.96	-69.03	47.13	-0.11	31.10	0.60	Native EM MWD
59	**5766.00**	**63.00**	**2.07**	**220.89**	**5764.61**	**-3.36**	**-70.38**	**46.07**	**1.62**	**13.40**	**1.66**	**Native EM MWD**
60	5829.00	63.00	3.43	247.26	5827.54	-0.41	-71.97	43.59	2.16	41.86	2.89	Native EM MWD
61	**5894.00**	**65.00**	**5.63**	**257.37**	**5892.33**	**4.54**	**-73.42**	**38.68**	**3.38**	**15.55**	**3.59**	**Native EM MWD**
62	5957.00	63.00	6.37	266.42	5954.99	10.58	-74.31	32.18	1.17	14.36	1.90	Native EM MWD
63	**6021.00**	**64.00**	**7.12**	**268.97**	**6018.54**	**17.17**	**-74.60**	**24.67**	**1.17**	**3.98**	**1.26**	**Native EM MWD**
64	6084.00	63.00	8.50	271.30	6080.96	24.49	-74.57	16.11	2.19	3.70	2.25	Native EM MWD
65	**6148.00**	**64.00**	**9.93**	**272.04**	**6144.13**	**33.13**	**-74.26**	**5.87**	**2.23**	**1.16**	**2.24**	**Native EM MWD**
66	6212.00	64.00	11.47	276.61	6207.02	42.80	-73.33	-5.97	2.41	7.14	2.75	Native EM MWD
67	**6275.00**	**63.00**	**12.61**	**278.46**	**6268.63**	**53.09**	**-71.60**	**-19.00**	**1.81**	**2.94**	**1.91**	**Native EM MWD**
68	6340.00	65.00	12.48	278.37	6332.08	64.01	-69.54	-32.96	-0.20	-0.14	0.20	Native EM MWD
69	**6403.00**	**63.00**	**11.82**	**277.67**	**6393.67**	**74.32**	**-67.68**	**-46.09**	**-1.05**	**-1.11**	**1.07**	**Native EM MWD**
70	6467.00	64.00	12.35	274.50	6456.25	85.02	-66.27	-59.41	0.83	-4.95	1.33	Native EM MWD
71	**6529.00**	**62.00**	**12.70**	**276.17**	**6516.77**	**95.86**	**-65.02**	**-72.80**	**0.56**	**2.69**	**0.81**	**Native EM MWD**
72	6593.00	64.00	12.13	276.35	6579.28	106.82	-63.52	-86.47	-0.89	0.28	0.89	Native EM MWD
73	**6656.00**	**63.00**	**13.49**	**277.58**	**6640.71**	**117.84**	**-61.82**	**-100.34**	**2.16**	**1.95**	**2.20**	**Native EM MWD**
74	6719.00	63.00	13.40	275.56	6701.98	129.46	-60.14	-114.89	-0.14	-3.21	0.76	Native EM MWD
75	**6783.00**	**64.00**	**13.36**	**275.65**	**6764.24**	**141.36**	**-58.69**	**-129.63**	**-0.06**	**0.14**	**0.07**	**Native EM MWD**
76	6847.00	64.00	13.23	274.42	6826.53	153.28	-57.40	-144.29	-0.20	-1.92	0.49	Native EM MWD
77	**6910.00**	**63.00**	**13.10**	**274.07**	**6887.87**	**165.01**	**-56.34**	**-158.60**	**-0.21**	**-0.56**	**0.24**	**Native EM MWD**
78	6973.00	63.00	12.70	272.57	6949.28	176.63	-55.52	-172.64	-0.64	-2.38	0.83	Native EM MWD
79	**7037.00**	**64.00**	**12.04**	**271.52**	**7011.80**	**188.13**	**-55.03**	**-186.34**	**-1.03**	**-1.64**	**1.09**	**Native EM MWD**
80	7100.00	63.00	11.78	273.54	7073.44	198.98	-54.46	-199.32	-0.41	3.21	0.78	Native EM MWD
81	**7163.00**	**63.00**	**12.04**	**270.55**	**7135.09**	**209.89**	**-54.00**	**-212.31**	**0.41**	**-4.75**	**1.06**	**Native EM MWD**
82	7226.00	63.00	11.65	271.16	7196.74	220.88	-53.81	-225.24	-0.62	0.97	0.65	Native EM MWD
83	**7290.00**	**64.00**	**11.43**	**271.34**	**7259.45**	**231.72**	**-53.53**	**-238.04**	**-0.34**	**0.28**	**0.35**	**Native EM MWD**

84	7354.00	64.00	11.95	270.11	7322.12	242.76	-53.37	-251.01	0.81	-1.92	0.90	Native EM MWD
85	**7417.00**	**63.00**	**11.03**	**267.65**	**7383.86**	**253.64**	**-53.60**	**-263.55**	**-1.46**	**-3.90**	**1.65**	**Native EM MWD**
86	7481.00	64.00	10.55	263.87	7446.73	264.34	-54.48	-275.50	-0.75	-5.91	1.34	Native EM MWD
87	**7544.00**	**63.00**	**10.06**	**261.76**	**7508.71**	**274.65**	**-55.88**	**-286.68**	**-0.78**	**-3.35**	**0.98**	**Native EM MWD**
88	7607.00	63.00	9.84	262.73	7570.77	284.66	-57.35	-297.46	-0.35	1.54	0.44	Native EM MWD
89	**7670.00**	**63.00**	**8.09**	**259.48**	**7632.99**	**293.74**	**-58.84**	**-307.16**	**-2.78**	**-5.16**	**2.89**	**Native EM MWD**
90	7734.00	64.00	6.77	258.60	7696.46	301.52	-60.41	-315.29	-2.06	-1.38	2.07	Native EM MWD
91	**7797.00**	**63.00**	**5.41**	**248.40**	**7759.10**	**307.95**	**-62.24**	**-321.69**	**-2.16**	**-16.19**	**2.75**	**Native EM MWD**
92	7861.00	64.00	4.48	241.37	7822.86	313.43	-64.55	-326.69	-1.45	-10.98	1.73	Native EM MWD
93	**7924.00**	**63.00**	**3.56**	**222.82**	**7885.71**	**317.76**	**-67.16**	**-330.18**	**-1.46**	**-29.44**	**2.51**	**Native EM MWD**
94	7987.00	63.00	3.69	207.18	7948.58	321.36	-70.40	-332.43	0.21	-24.83	1.58	Native EM MWD
95	**8051.00**	**64.00**	**3.69**	**199.53**	**8012.45**	**324.70**	**-74.17**	**-334.06**	**0.00**	**-11.95**	**0.77**	**Native EM MWD**
96	8114.00	63.00	3.47	195.59	8075.33	327.65	-77.92	-335.25	-0.35	-6.25	0.52	Natve EM MWD
97	**8178.00**	**64.00**	**2.77**	**188.90**	**8139.23**	**330.04**	**-81.31**	**-336.01**	**-1.09**	**-10.45**	**1.23**	**Natve EM MWD**
98	8241.00	63.00	2.99	192.50	8202.15	332.15	-84.42	-336.60	0.35	5.71	0.45	Native EM MWD
99	**8305.00**	**64.00**	**3.12**	**181.78**	**8266.06**	**334.23**	**-87.79**	**-337.02**	**0.20**	**-16.75**	**0.91**	**Native EM MWD**
100	8368.00	63.00	3.69	175.59	8328.95	336.07	-91.52	-336.92	0.90	-9.83	1.08	Native EM MWD
101	**8432.00**	**64.00**	**3.30**	**176.95**	**8392.83**	**337.85**	**-95.42**	**-336.66**	**-0.61**	**2.12**	**0.62**	**Native EM MWD**
102	8495.00	63.00	2.73	211.40	8455.75	340.02	-98.51	-337.35	-0.90	54.68	2.96	Native EM MWD
103	**8559.00**	**64.00**	**3.03**	**204.19**	**8519.67**	**342.76**	**-101.35**	**-338.83**	**0.47**	**-11.27**	**0.73**	**Native EM MWD**
104	8622.00	63.00	2.42	195.05	8582.60	345.08	-104.16	-339.86	-0.97	-14.51	1.19	Native EM MWD
105	**8685.00**	**63.00**	**2.29**	**205.25**	**8645.55**	**347.08**	**-106.58**	**-340.74**	**-0.21**	**16.19**	**0.70**	**Native EM MWD**
106	8748.00	63.00	2.37	200.85	8708.49	349.15	-108.94	-341.74	0.13	-6.98	0.31	Native EM MWD
107	**8811.00**	**63.00**	**1.98**	**188.72**	**8771.45**	**350.87**	**-111.23**	**-342.37**	**-0.62**	**-19.25**	**0.95**	**Native EM MWD**
108	8875.00	64.00	1.80	173.34	8835.41	351.99	-113.32	-342.42	-0.28	-24.03	0.84	Native EM MWD
109	**8938.00**	**63.00**	**2.64**	**165.52**	**8898.37**	**352.81**	**-115.71**	**-341.95**	**1.33**	**-12.41**	**1.41**	**Native EM MWD**
110	9002.00	64.00	2.20	152.51	8962.31	353.30	-118.22	-341.01	-0.69	-20.33	1.10	Native EM MWD
111	**9065.00**	**63.00**	**2.11**	**152.95**	**9025.27**	**353.45**	**-120.33**	**-339.92**	**-0.14**	**0.70**	**0.15**	**Native EM MWD**
112	9129.00	64.00	2.50	162.09	9089.21	353.84	-122.71	-338.96	0.61	14.28	0.84	Native EM MWD
113	**9192.00**	**63.00**	**2.42**	**132.21**	**9152.16**	**353.76**	**-124.91**	**-337.55**	**-0.13**	**-47.43**	**2.02**	**Native EM MWD**
114	9255.00	63.00	2.42	123.60	9215.10	352.81	-126.54	-335.46	0.00	-13.67	0.58	Native EM MWD
115	**9318.00**	**63.00**	**2.99**	**137.66**	**9278.03**	**351.91**	**-128.49**	**-333.24**	**0.90**	**22.32**	**1.38**	**Native EM MWD**
116	9382.00	64.00	3.08	134.49	9341.94	351.14	-130.93	-330.89	0.14	-4.95	0.30	Native EM MWD
117	**9446.00**	**64.00**	**3.21**	**119.64**	**9405.85**	**349.83**	**-133.02**	**-328.11**	**0.20**	**-23.20**	**1.29**	**Native EM MWD**
118	9509.00	63.00	3.38	130.36	9468.74	348.37	-135.09	-325.16	0.27	17.02	1.01	Native EM MWD
119	**9571.00**	**62.00**	**3.12**	**125.71**	**9530.64**	**347.11**	**-137.26**	**-322.40**	**-0.42**	**-7.50**	**0.60**	**Native EM MWD**
120	9634.00	63.00	3.34	127.55	9593.54	345.76	-139.38	-319.55	0.35	2.92	0.39	Native EM MWD
121	**9698.00**	**64.00**	**3.12**	**137.57**	**9657.44**	**344.73**	**-141.80**	**-316.90**	**-0.34**	**15.66**	**0.95**	**Native EM MWD**
122	9762.00	64.00	2.73	135.81	9721.36	344.03	-144.18	-314.66	-0.61	-2.75	0.63	Native EM MWD
123	**9826.00**	**64.00**	**2.99**	**138.01**	**9785.28**	**343.36**	**-146.52**	**-312.48**	**0.41**	**3.44**	**0.44**	**Native EM MWD**
124	9888.00	62.00	2.81	126.94	9847.20	342.47	-148.63	-310.18	-0.29	-17.86	0.95	Native EM MWD
125	**9951.00**	**63.00**	**2.86**	**126.67**	**9910.12**	**341.29**	**-150.50**	**-307.69**	**0.08**	**-0.43**	**0.08**	**Native EM MWD**
126	10015.00	64.00	3.38	125.18	9974.03	339.92	-152.54	-304.87	0.81	-2.33	0.82	Native EM MWD
127	**10078.00**	**63.00**	**3.21**	**132.74**	**10036.92**	**338.67**	**-154.81**	**-302.05**	**-0.27**	**12.00**	**0.74**	**Native EM MWD**
128	10142.00	64.00	3.16	121.40	10100.83	337.35	-156.94	-299.23	-0.08	-17.72	0.99	Native EM MWD

129	**10206.00**	**64.00**	**3.65**	**123.24**	**10164.71**	**335.64**	**-158.98**	**-296.02**	**0.77**	**2.87**	**0.78**	**Native EM MWD**
130	10269.00	63.00	3.56	123.33	10227.59	333.92	-161.15	-292.71	-0.14	0.14	0.14	Native EM MWD
131	**10332.00**	**63.00**	**3.21**	**127.02**	**10290.48**	**332.40**	**-163.29**	**-289.67**	**-0.56**	**5.86**	**0.65**	**Native EM MWD**
132	10395.00	63.00	2.73	127.11	10353.39	331.18	-165.25	-287.06	-0.76	0.14	0.76	Native EM MWD
133	**10459.00**	**64.00**	**3.47**	**136.87**	**10417.30**	**330.20**	**-167.59**	**-284.52**	**1.16**	**15.25**	**1.42**	**Native EM MWD**
134	10523.00	64.00	3.47	130.19	10481.18	329.16	-170.25	-281.72	0.00	-10.44	0.63	Native EM MWD
135	**10587.00**	**64.00**	**3.21**	**134.58**	**10545.07**	**328.09**	**-172.76**	**-278.96**	**-0.41**	**6.86**	**0.57**	**Native EM MWD**
136	10650.00	63.00	3.87	132.65	10607.95	327.05	-175.44	-276.14	1.05	-3.06	1.06	Native EM MWD
137	**10713.00**	**63.00**	**3.52**	**132.03**	**10670.82**	**325.88**	**-178.17**	**-273.14**	**-0.56**	**-0.98**	**0.56**	**Native EM MWD**
138	10776.00	63.00	3.69	144.69	10733.70	325.15	-181.12	-270.53	0.27	20.10	1.29	Native EM MWD
139	**10807.00**	**31.00**	**3.52**	**139.42**	**10764.64**	**324.92**	**-182.66**	**-269.34**	**-0.55**	**-17.00**	**1.20**	**Native EM MWD**
140	10852.00	45.00	3.27	139.42	10809.56	324.47	-184.68	-267.60	-0.55	0.00	0.55	Proj. @ bit

T7S, R23E, S.L.B.&M.



QEP ENERGY COMPANY

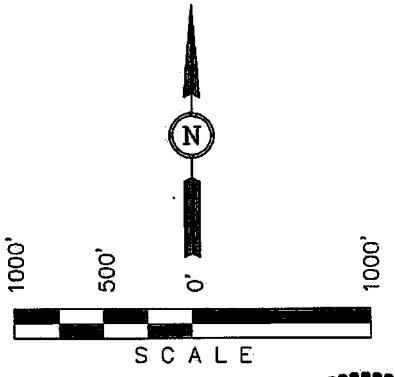
Well location, RW #41-14B (RE-ENTRY), located as shown in the NE 1/4 NE 1/4 of Section 14, T7S, R23E, S.L.B.&M., Uintah County, Utah.

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 STATE OF UTAH 05-14-12

REVISED: 05-14-12 R.L.L.

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S59°04'31"W	277.85'

LEGEND:

└ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED

NAD 83 (TARGET BOTTOM HOLE)	NAD 83 (SURFACE LOCATION)
LATITUDE = 40°12'51.58" (40.214328)	LATITUDE = 40°12'52.98" (40.214717)
LONGITUDE = 109°17'17.19" (109.288108)	LONGITUDE = 109°17'14.12" (109.287256)
NAD 27 (TARGET BOTTOM HOLE)	NAD 27 (SURFACE LOCATION)
LATITUDE = 40°12'51.71" (40.214364)	LATITUDE = 40°12'53.11" (40.214753)
LONGITUDE = 109°17'14.74" (109.287428)	LONGITUDE = 109°17'11.67" (109.286575)

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

SCALE 1" = 1000'	DATE SURVEYED: 11-05-10	DATE DRAWN: 12-16-10
PARTY A.F. J.C. C.H.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE QEP ENERGY COMPANY	

CONFIDENTIAL

AMENDED REPORT ☐ (highlight changes)

FORM 8

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-081

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME: Red Wash

8. WELL NAME and NUMBER: RW 41-14B

9. API NUMBER: 4304716498

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 Street, Ste. 500 CITY Denver STATE CO ZIP 80265 PHONE NUMBER: (303) 308-3060

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 746' FNL, 663' FEL
AT TOP PRODUCING INTERVAL REPORTED BELOW:
AT TOTAL DEPTH: 888' FNL, 902' FEL

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENE 14 7S 23E

12. COUNTY: Uintah

13. STATE: UTAH

14. DATE SPUDDED: 3/23/2012

15. DATE T.D. REACHED: 3/29/2012

16. DATE COMPLETED: 4/13/2012 ABANDONED ☐ READY TO PRODUCE ☑

17. ELEVATIONS (DF, RKB, RT, GL): 5412' - KB

18. TOTAL DEPTH: MD 10,852 TVD 10,809

19. PLUG BACK T.D.: MD TVD

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

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
6.125"	4.5 P110	11.6	0	10,835		ClassG 580	254	3700	

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)
(A) Mesa Verde	9,984	10,643		
(B)				
(C)				
(D)				

27. PERFORATION RECORD

INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
9,984 10,643	.35	96	Open ☑ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐
			Open ☐ Squeezed ☐

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

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
9,984' - 10,643'	38.4 Bbl 15% HCl; 7,724 Bbl slick water; 1,491 sks 30/50 sand

RECEIVED
MAY 23 2012
DIV. OF OIL, GAS & MINING

29. ENCLOSED ATTACHMENTS:

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

30. WELL STATUS: Producing

(5/2000)

(CONTINUED ON BACK)

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:
4/13/2012		4/15/2012		24			27	1,462	376	Flowing
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:
20/64	1,170	1,703					27	1,462	376	

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	2,780
Mahogany	3,447
Wasatch	5,635
Mesa Verde	8,148
Sego	10,871

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) Morgan Anderson TITLE Regulatory Affairs Analyst

SIGNATURE Morgan Anderson DATE 5/22/2012

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
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(5/2000)