

LOCATIONS

Recorded in NID File	<input checked="" type="checkbox"/>	Checked by Chief	<input type="checkbox"/>
Recorded On S.R. Sheet	<input checked="" type="checkbox"/>	Copy NID to Field Office	<input type="checkbox"/>
Location Map Pinned	<input checked="" type="checkbox"/>	Approval Letter	<input checked="" type="checkbox"/>
Card Indexed	<input checked="" type="checkbox"/>	Disapproval Letter	<input type="checkbox"/>
IWR for State or Fee Land	<input type="checkbox"/>		

COMPLETION DATA:

Date Well Completed	<u>10-26-59</u>	Location Inspected	<input type="checkbox"/>
CW <input checked="" type="checkbox"/>	WW <input type="checkbox"/>	TA <input type="checkbox"/>	Bond released
GW <input type="checkbox"/>	OS <input type="checkbox"/>	PA <input type="checkbox"/>	State of Fee Land

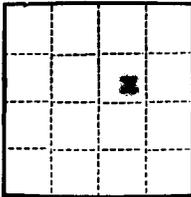
LOGS FILED

Driller's Log J-25-60

Electric Logs (No.) 73

EE I E-I GR GR-N Micro

Lat Mi-L Sonic Others Cement Bond Log



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. U-0760
Unit Red Wash

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	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..... July 16,....., 1959

Well No. 32-83A is located 650 ft. ~~from~~ ^(N) ~~line~~ ^{20X} and 2000 ft. from ^(E) ~~line~~ ^W of sec. 29A ^{E 1/4 corner of}

SW 1/4 NE 1/4 29..... T4..... R2E..... T14N
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Red Wash..... Hintah..... Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ^{Kelly bushing} ~~drill~~ floor above sea level is 5347.6 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 approximately 225'.
7" casing to be cemented below lowest productive interval with sufficient cement to reach 4000'.

Top Green River 3120'
"K" Point 2642'
"K" Point 2608'

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

Company Standard Oil Company of California, Western Operations, Inc.

Address P. O. Box 455

Vernal, Utah

By C. V. [Signature] 7/17/59

Title District Superintendent

COMPLETION REPORT - NEW WELL

DTC CC

STANDARD OIL COMPANY OF CALIFORNIA

FIELD: Red Wash

PROPERTY: Section 29A

WELL NO: 32-29A (109)

Sec. 29 T. 78 R. 22E S.L. B. & M.

LOCATION: 1980' S and 660' E of N 1/4 corner
Section 29, T78, R22E, S1EM

LAND OFFICE: Salt Lake City, Utah

LEASE NO: U-0560

ELEVATION: 5347.6' K. Brumback

XXXXX K.B. is 12' above base ground

DATE: May 18, 1960

By: C. V. [Signature] 5/20/60

Supt. [Signature] Production Department

DRILLED BY: Kerr-McGee Oil Industries, Inc.

DATE COMMENCED DRILLING: July 17, 1959

DATE COMPLETED DRILLING: August 9, 1959

DATE OF INITIAL PRODUCTION:
after remedial: October 26, 1959

PRODUCTION:	Daily average, 1st	30	days	Gravity	29.2	° API	Pumping	X
	Oil	154	Bbls.	T.P.	0	PSI	Flowing	
	Water	38	Bbls.	C.P.	140	PSI	Gas Lift	
	Gas	52	Mcf.	Bean		/64"		

SUMMARY

T.D. 5975'

Effective Depth: 5785'

Casing: 10-3/4" cmtd 221'
7" cmtd 5973'

Perforations: 5753-5769, 5796-5804*, 5939-5952*
*Below bridge plug.

Logs Run:

Plugs: Cast Iron Bridge Plugs at 5785 and 5850'

Schlumberger Induction-ES 5967-220'
Microlog 5971-1870'
McCullough Gamma Ray
Collar Log 5958-5000'

Markers: TGR - 3123'
H - 5270'
I - 5400'
J - 5657'
K - 5746'

gf

H

WELL NO: 32-29A (105)

PROPERTY: Section 29A

RED WASH FIELD

Cemented 16" conductor pipe at 26' with 20 sack cement.

Kerr-McGee Oil Industries, Inc. moved in and rigged up.

Well spudded in July 17, 1959 at 4:30 p.m.

July 18, 1959

Drld 15" hole to 226'.

Cemented 10 3/4" casing at 221' with 175 sack common cement. 10 min mixing cem to 16#/gal slurry and 5 min displacing with cementers pumps. Used 2% CaCl₂. No plugs. Full circulation and good cement returns.

Casing detail:

All 5 jts 210.56' 10 3/4", 40.5#, J-55, 8rd, ST&C, Smls

Top 11.00' below K.B.

Landed 221.56' Incl. Howco guide shoe 1.15'.

Jt. lengths as run: 42.45'; 42.35'; 41.94'; 42.87' and 39.80'.

July 19, 1959 - Drld 9" hole 226 - 2580'

Installed J-W gas analyzer at 1920'; 0 units 1920-2230; 20 - 100 units 2230-2260; 0 - 30 units 2260-2580.

Onan generator stopped functioning at 2580 and J-W analyzer did not record below 2580.

July 20 - 23, 1959

Drld 9" hole 2580 - 3676'. Lost partial circulation 3632 - 3638'.

July 24 - 26, 1959

Drld 9" hole 3676 - 4470'. Lost circulation at 4390'. Drilled with no returns 4390 - 4435' and partial returns 4435 - 4442'.

July 27 - August 3, 1959

Drld 9" hole 4470 - 5665'.

Core #1 - 5665 - 5728', Rec 63', 8 7/8" hole

5665 - 5671 - Gry sltst & gn grn'd ss w/laminae of br sh and stks oil stn'd fn grn'd ss w/bri yel fluor, fair pet odor

5671 - 5680 - Gry sdy sltst w/laminae of dk olv grn sh, NOSF, vert frac 5671-76

5680 - 5682 - Dk olv grn clystn w/stks & incls of gy sltst, NOSF

5682 - 5687 - Sdy sltst w/laminae olv grn clystn, NOSF

5687 - 5728 - Dk olv grn clystn w/laminae & incls gry sdy sltst, NOSF

Core #2 - 5728 - 5818', Rec 90', 8 7/8" hole

5728 - 5740 - Dk olv grn mudstn, dull dk brn fluor w/occ pods & incls gilsonite material w/sks pods & laminae of lt gy sdy sltst

5740 - 5745 - Sdy ls w/stks olv grn mudstn & gy sdy sltst, NOSF

5745 - 5748 - Limey ss intbd w/stks sdy sltst & olv grn mudstn; fnt pet odor, brilliant yel fluor on oil stn'd stks, vert frac

5748 - 5750 - Same as 5732 - 40.

5750 - 5766 - Lt tn to lt brn ss, fn to med gr, faint pet odor at top grading to good at bottom, sli mottled oil stn'g at top, grading to even stn'g below 5755, li yel fluor

5766 - 5768 - Intbd lt gry sltst & olv grn mudstone

5768 - 5770 - Mottled oil stn'd ss, intbd w/olv grn mudstn

5770 - 5794 - Same as 5766 - 5768

5794 - 5804 - Fn to med grn evenly sat to mottled oil stn'd ss w/occ intbd sltst & mudstn stringers towards bottom, even golden to dull golden fluor at bottom; vert frac, looks ti

WELL NO: 32-29A (105)

PROPERTY: Section 29A

RED WASH FIELD

Core #2 (Cont'd)

- 5804 - 5806 - Ss, gry w/one stk lt brn oil ss at 5805 t/lt yel fluor
 5806 - 5811 - Very fine grn'd gry ss and sdy altst, NOSF
 5811 - 5813 - Vy fn grn'd lt gry ss
 5813 - 5816 - Intbd lt gry sdy altst & olive grn mudst
 5816 - 5818 - Olive grnsh brn mudst

Core #3 - 5818 - 5908', Rec 80', 8 7/8" hole

- 5818 - 5819 - Dk olive grn brn clyst
 5819 - 5820 - Ss, lt brn evenly sat at top
 5820 - 5838 - Grading to no oil sat near 5827'; good pet odor where stn'd, even bri golden to golden fluor 5819 - 5825; dull golden to mottled golden fluor 5825 - 5827 with one stk mott golden fluor @ 5832-33.
 5838 - 5843 - Lt gy sdy altst w/incls & lam of blive grn clystn, vert frac 5842-43.
 5843 - 5846 - Gry ss, vy fn grn, hd, NOSF
 5846 - 5849 - Lt gry very sdy altst w/lam olive grn clystn
 5849 - 5859 - Ss, gry, fn grn, NOSF except at 5853 - 5854 where had fnt pet odor and mottled dull golden fluor
 5859 - 5872 - Lt gy sdy altst w/lam olive grn clystn
 5872 - 5890 - Ss, fn grn, grading to fine to med at 5884 then grading to fn grn at 5393; good pet odor where stn'd, mottled dull golden fluor from 5875-5878; dull golden from 5878-5882; mottled dull golden from 5878-84; no fluor below 5884'
 5890 - 5899 - Ss, fn grn, gry, NOSF w/lam & stks grn clystn & gy sdy altst
 5899 - 5902 - Lt gy sdy altst
 5902 - 5903 - Ss, gy, fine
 5903 - 5908 - Lt gy sdy altst w/stks grn clystn

Core #4 - 5908 - 5975', Rec 67', 8 7/8" hole

- 5908 - 5910 - Lt gry altst
 5910 - 5913 - Md grn gry ss, no stn'ng but spotty bri yel flor
 5913 - 5920 - Fn to md grn gry ss, no flor
 5920 - 5926 - Fn grn gry ss, no flor; lam gry sh & lt gry altst
 5926 - 5940 - Fn to med grn gry ss w/no vis stn'ng but w/thin spotty bri yel flor; some vert frac
 5940 - 5944 - Drk brn evenly stn md grn ss w/even bri yel flor
 5944 - 5945 - Very fn grn gry ss, no flor
 5945 - 5952 - Very drk brn evenly stn med grn ss, even drk yel flor
 5952 - 5958 - Lam drk gry sh & lt gry altst
 5958 - 5960 - Very fn grn gry altst, no flor
 5960 - 5969 - Lt gry altst
 5969 - 5972 - Lam drk gry sh & gry altst
 5972 - 5975 - Fn to med grn gry ss, no flor.

August 7, 1959

Ran Schlumberger Induction ES log and recorded from 5967-220'. Ran Microlog and recorded from 5971 - 1870'. TGR - 3123; "H" - 5270; "I" - 5400; "J" - 5657; "K" - 5746'.

August 8, 1959

Cemented 5976' of 7", J-55 & N-80, 23# casing at 5973' w/375 sacks of common cement. Used Halliburton equipment and 22 min mixing and 20 min pumping cement to place. Preceded cement with 10 bbls water, used one top plug. Good circulation throughout. Landed casing in "as cemented" position.

WELL NO: 32-29A (105)

PROPERTY: Section 29A

RED WASH FIELD

Casing detail:

8 jts.	333.70'	7", N-80, 23#, LT&C, unknown, new, smls, includes guide shoe and float collar on top of first jt.
138 jts	5642.40'	7", J-55, 23#, bottom 2 jts LT&C remainder ST&C, new CFI, smls
146 jts	5976.10'	
	3.00'	above K.B.
Landed at	5973.10'	

August 9, 1959

Drilled out cement to 5963'. Displaced hole fluid with Rangely crude.

Ran McCullough Gamma Ray Collar log 5958-5000'.

5952 Schl. meas equals 5950 McCullough

5803 " " " 5800 "

5753 " " " 5750 "

Gun perf'd 4 1/2" holes/ft: 5753-5769, 5796-5804 and 5939-5952'.

Landed tubing at 5314.46' w/sawtooth collar on bottom. Pressure tested frac head and BOP to 1200 psi, held o.k.. Pumped 15 bbl Rangely crude in 7" x 10-3/4" annulus.

Crew released 8:00 p.m. August 9, 1959.

August 19, 1959

After drilling rig moved off location, Dowell spotted 350 gal of inhibited mud acid on bottom, let pickle 2 hrs and displaced an additional 16 bbl burner fuel before obtained formation breakdown. Formation broke down 20 BPM rate at 2400 psi. Sand oil squeezed perforations 5753-5952' w/227 bbl burner fuel mixed with 35,800# 20-40 mesh Ottawa sand, 35 millicuries radioactive sand and 500# Adomite. Increased sand concentration as follows: first 30 bbl 2 1/2#/gal; next 30 bbl 3 1/2#/gal; next 30 bbl 4 1/2#/gal; next 60 bbl 4#/gal; next 30 bbl 2#/gal and remainder at 4#/gal. Pressures varied from 2400 psi at start of job to 3000 psi at end. Average rate 27 BPM. Instantaneous shut down press 1400 psi. Press bled down to 500 psi in 15 min.

August 20, 1959

R&R Well Service moved in and rigged up.

August 21, 1959

Cleaned out sand to 5963'.

August 22, 1959

Ran 2 1/2" tubing and landed at 5807'.

Bottom 1 jt 28.90 2 1/2" EUE perf'd gas anchor

Next 1 jt 10.09 2 1/2" EUE, 6.5#, J-55 pup

Next 182 jts 5754.55 2 1/2" EUE, 6.5#, J-55, CP&I, smls tubing

Top 12.00 K.B. to tbg head

Landed 5806.63'

August 23, 1959

Ran rods and pump. Rod detail: 1 22 x 1 1/4 pony rod; 72-3/4 w/Hubers; 67 - 3/4 plain; 89 - 7/8 w/Hubers; 1 - 8' sub

R&R Well Service released 11:00 a.m. August 23, 1959.

Placed on production and well produced all water at 350 B/D rate.

WELL NO: 32-29A (105)

PROPERTY: Section 29A

RED WASH FIELD

September 13, 1959

R&R Well Service moved in and rigged up.

September 14, 1959

Pulled rods; installed BOP; pulled tubing.

September 15, 1959

R n Baker cast iron bridge plug and set at 5850'. Tested and held o.k.

September 16, 1959

McCullough reperforated the following zones w/3 super casing jets per foot: 5753-5764; 5796-5804'; using casing collars 5638, 5679, 5720, 5763, 5806 and 5846 Schl meas. Checked bridge plug depth at 5849' McCullough meas.

Ran 2 1/2" tubing to 5849'. Spotted acid (250 gal) Dowell mid acid, displaced to formation.

September 17, 1959

Dowell sand oil squeezed 5753-5764 and 5796-5804' w/200 bbl burner fuel and 21,000# 20-40 Ottawa sand and 400# Adcmite. Displaced w/210 bbl burner fuel. No balls. Max press 2050 psi; min press 1750 psi; average rate 34.5 BPM.

Cleaned out sand to top of bridge plug at 5850' September 18, 1959.

September 19, 1959

Landed 2 1/2" tubing at 5807'.

Tubing detail:

Bottom 1 jt	28.90'	2 1/2" EUE perforated gas anchor
Next 1 jt	10.09'	2 1/2" EUE, 6.5#, J-55 pup
Next 182 jts	5754.55'	2 1/2" EUE, 6.5#, J-55, CP&I smls tubing
Top	12.00	K.B. to tbg head

Landed at 5806.63'

Tore out BOP; ran rods and tubing

R&R Well Service released September 19, 1959.

October 8, 1959

R&R Well Service moved in and rigged up.

October 9, 1959

Ran Baker full bore retrievable retainer to 5824'; pressure tested and bled off slowly; moved packer to 5737'.

October 10, 1959

Halliburton tested casing 2/2800 psi. (Baker full bore packer set @ 5737' K.B. meas). Held for 10 min, no leaks. Moved full bore retainer and set at 5814'; pressured up to 2500 psi; bled off slowly indicating minute leak in bridge plug. Moved packer 5780 to swab zone 5796-5804'.

October 11, 1959

Swab testing interval 5796-5804' w/Baker full bore packer at 5780'. Made 43 runs w/swab to 1500'; fluid level at approx 500', throughout swabbing period. JFluid 248 bbls; burner fuel 58 bbls; water 200 bbls.

October 12, 1959

Continued swab testing interval 5796-5804'. Moved Baker full bore packer up hole to 5737' and BP to 5780' to swab test interval 5753-5764'.

WELL NO: 32-29A (105)

PROPERTY: Section 29A

RED WASH FIELD

October 14, 1959

Swab testing zone 5753-5764' - made 44 runs to 2400'; fluid level holding between 1450 and 1500'.

October 15, 1959

Testing packer equipment - tested Baker full bore at 5737', held o.k. Press annulus to 1200 psi, held press for 20 min.

Swab testing zone 5753-5764' - made approx 50 runs to 2500', fluid level holding between 1400 and 1500'.

October 16, 1959

Moved Baker full bore packer from 5737 to 5772' and pressure tested retrievable BP, held o.k., no sign of leak.

Moved BP to 5847' and full bore packer to 5780. Halliburton pumped in approx 40 bbls formation water, swabbed from well, into perforations 5796-5804', returns were had from the annulus during the last 5 bbls pumped. Moved full bore packer to 5734' and tested w/2500 psi, held okay for 10 min.

October 17, 1959

Ran Baker magnesium Model K retainer to 5780' and set. Circulated. Pumped in 35 sac reg cement, 15 $\frac{1}{2}$ slurry, initial press 1700 psi after pumping 33 bbls water flush to clear tubing, press went to 2200 psi indicating shut-off behind pipe. Pulled loose from retainer and dumped approx 1/2 bbl of cement on top of retainer. Pulled up hole to 5400' and pumped in 26 bbl water.

October 21, 1959

Ran McCullough gun and collar locator, located collars at 5606, 5639, 5680, 5721, 5764 and 5806'. Found top of fill at 5838. Shot 4 1/2" M-3 bullet holes @ 5796'. Ran Baker full bore packer to 5780'. Dowell pressure tested perfs 5796-5804 and 5753 - 5769'.

October 22, 1959

Ran Baker cast iron bridge plug and landed on tubing @ 5785'.

Tubing detail:

Gas anchor	28.90
Tbg pup	10.09
PSH	1.09
178 jts 2 1/2" B&B tbg	5660.12
K.B.	12.00
Landed at	<u>5712.20'</u>

October 23, 1959

Tested perfs 5753-5768'. Made 16 runs w/swab.

October 24, 1959

Ran rods and pump. Rod detail: 2 - 4'; 1 - 6'; and 1 - 8' subs; 2 - 4' x 7/8 subs; 87 - 7/8 w/Hubers; 72 - 3/4 w/Hubers; 65 - 3/4 Plain

R&R Well Service released October 24, 1959.

PMD

Gulf Oil Corporation

OKLAHOMA CITY PRODUCTION DISTRICT

600 Oklahoma Mortgage Bldg.
Oklahoma City, Okla. 73102

A. C. Godbold
District Manager
C. B. Hussey
District Production
Manager
P. A. Weirich
District Exploration
Manager
Ruth Smiley
District Services Manager

~~EMK~~
~~WJH~~
AWD

June 2, 1964

California Oil Company
P. O. Box 780
Denver, Colorado 80201

Attention: Mr. E. M. Kipp

Line Water Injection
Red Wash-Wonsits Units

Gentlemen:

In reply to your request of May 28, 1964, please be informed that the Wonsits Unit does not object to the Red Wash Unit converting the wells located in the SW/4 NE/4 and SW/4 SE/4 of Section 29, Township 7S, Range 22E, S.L.B. and M. to water injection service.

Very truly yours,

GULF OIL CORPORATION
WONSITS UNIT OPERATOR


C. B. HUSSEY

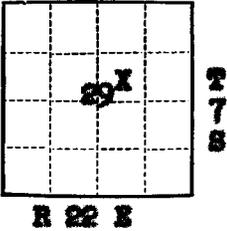
JBM:lw

cc: L. W. LeFavour - Casper

Pan American Petroleum Corporation
P. O. Box 40
Casper, Wyoming 82602

(SUBMIT IN TRIPLICATE)

Land Office Salt Lake City
Lease No. U-0760
Unit Red Wash



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.....	
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NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			
NOTICE OF INTENTION TO CONVERT TO WATER INJECTION			X

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

Vernal, Utah June 25, 1964

(32-29A)
Well No. 105 is located 1980 ft. from [N] line and 2029 ft. from [E] line of sec. 29

SW 1/4 NE 1/4 29 78 22E S12M
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Red Wash Utah
(Field) (County or Subdivision)

APPROVED BY Utah OIL AND GAS CONSERVATION COMMISSION
(State or Territory)

The elevation of the ~~shooting~~ Kelly Bushing above sea level is 5348 ft.

DATE 6/25/64 by Paul W. Patterson
CHIEF PETROLEUM ENG.

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 convert the subject well to water injection service as follows:

1. Drill out to 5840'.
2. Run a Cement Bond Log and pump test blank 5769-5796. Recement if necessary.
3. Perforate K_A sand at 5825'. (Reperforate K sand at 5800' and J₂ sand at 5760' if excluded in Step #2).
4. Selectively acidize and wash perms with acids. Suck acids back.
5. Recement any blanks that fail or tubing free any perms that do not take fluid adequately.
6. Set packer at + 5700', circulate annulus with Hydrazine treated water and cap with a 10 bbl Rangely crude freeze blanket.
7. Install injection tree and start injecting water.
8. After injection pressure stabilizes run injection profile. Install packers and chokes dependent on profiles.

Present Prod: 53 BOPD, 1 BOPD, 17 MCF/D

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

Title Unit Superintendent

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

kan *3-KW* *PMB*



CALIFORNIA OIL COMPANY

WESTERN DIVISION

P. O. BOX 455 • VERNAL • UTAH

June 25, 1964

EXPANSION OF THE WEST END
WATER FLOOD PROGRAM
RED WASH UNIT
UINTAH COUNTY, UTAH

The State of Utah
Oil and Gas Conservation Commission
310 Newhouse Building
10 Exchange Place
Salt Lake City 11, Utah

Gentlemen:

Attached are copies of our Notices of Intention to Convert Red Wash Units #105 (32-29A) and #190 (34-29A) to water injection service in conjunction with our planned expansion of the West End Water Flood Program. Following approval of these Notices, we will proceed with the programmed expansion consistent with the provisions of the Commission's Order "Cause No. 40".

Also in compliance with the Commission's Order we are enclosing a letter from the Gulf Oil Corporation, Operator of the Wonsits Unit, stating that they have no objections to the proposed conversions. Since these are the only lands lying within one-half mile of these Red Wash Unit injection wells, we believe Gulf's approval of these conversions is sufficient to proceed with the well work following approval of the Intention Notices.

If you desire additional information in regard to this matter, please advise.

Very truly yours,



R. W. PATTERSON
Unit Superintendent

FBE/mbb
Attachments

Copy N/C

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

Form 9-331a
(Feb. 1951)

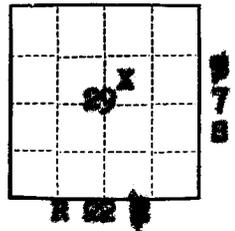
Land Office Salt Lake City

Lease No. U-0760

Unit Red Wash

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	SUBSEQUENT REPORT OF CONVERSION TO WATER INJECTION SERVICE	X

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

Vernal, Utah November 9, 1964

(32-29A)
Well No. 105 is located 1980 ft. from [N] line and 2089 ft. from [E] line of sec. 29

SW 1/4 NE 1/4 29 78 22E 313M
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Redwash Utah Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~casings~~ Kelly Bushing above sea level is 5346 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 subject well was converted to water injection service as follows:
1. Drilled out to 5850' and ran a Cement Bond Log.
 2. Pump tested blank 5769 to 5796'. Established partial communication.
 3. Made three unsuccessful attempts to cement blank.
 4. Abandoned 3 - 60° slots at 5758 (J₂), 5825 (K₁) and vertically opposed notches at 5806-5798 (K).
 5. Ran tubing string to 5849 and commenced injection on 10-8-64 at 3168 BHPD and 975 psi.

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
Title Unit Superintendent

USGS, JSLC-3; OSGC, SLC-2; Gulf, Okla. City-1; Gulf, Casper-1; Conkins-1; Bumble, SLC-1; File-1

RWU NO. 105 (32-29A)
Red Wash/West Area
February 8, 1983

Workover Procedures

1. Monitor SI tubing pressure to determine weight of kill fluid.
2. Backflow until water is relatively clean.
3. MI & RU.
4. NU BOPE.
5. Pull injection string.
6. CO to PBSD (Baker Model "F" pkrs @ 5695½, 5783, 5815).
7. Pressure test csg above top perf* to 1000 psi.
8. Isolate perfs 5800-26 (K) and check for communication w/ 5758-60 (J_E). Notify Denver if communication occurs--K perfs will be squeezed if communication occurs.
9. Isolate and pump into perfs 5758-60 (J_E) w/ produced water. Notify Denver if perfs aren't taking water. If communication occurred in Step 8, perform this step after repairing blank in Step 11.
10. Perforate the following interval w/ 2 shots/ft using maximum penetration charges in casing gun. Depths picked from Schlumberger IES dated 8/7/59.

5658-74	J	16 ft	32 shots	No CCL available in Denver office
---------	---	-------	----------	-----------------------------------
11. If blank 5760-5800 held in Step 8, set CIBP at +5785 and cap w/ 5' cmt. If blank failed, set retainer at same depth and squeeze K perfs 5800-02, 5826.
12. If perfs 5758-60 (J_E) weren't taking water in Step 9, isolate and pump 500 gal 15% w/ additives and overdisplace. Otherwise, omit this step.
13. Isolate perfs 5658-74 (J) and break down w/ 1000 gal 15% HCl w/ additives. Evenly distribute 1 perf ball/shot throughout the acid.
14. Swab back acid load.
15. RIH w/ injection string setting packer @ +5600 and turn well over to RW production.

*There are no squeezed perfs above 5753'.

WELL NAME: 105 (32-29A)

FIELD: Red Wash

PROPOSED TREATMENT PROCEDURE

1. Objective: Return well to injection.
2. Size and type of treatment: 1000 gals 15% HCl.
3. Intervals to be treated:
5658 - 74 (J)
4. Treatment down casing or tubing: Casing.
5. Method of localizing its effects: perf balls evenly distributed throughout acid.
6. Disposal of treating fluid: Swab spent acid to frac.
7. Name of company to do work: Halliburton, Dowell or Western.
8. Anticipated additional surface disturbances: None.
9. Estimated work date: 3/29/83.
10. Present status, current production and producing interval:

Date

BOPD

MCFD

BWPD

Well shut-in since 1982

WELL NAME: 105 (32-29A)

FIELD: Red Wash

PROPOSED PERFORATING PROCEDURE

1. Changes intended: Open additional interval to injection.
2. Results anticipated: An increase of 25 BOPD in offset wells is anticipated.
3. Conditions of well which warrant such work: We-1 is being returned to injection to improve the West End peripheral water flood.
4. To be ripped or shot: shot
5. Depth, number, and size of shots (or depth of rips):

5658 - 74 J sand 16 ft. 32 shots

6. Date last Log of well filed: ---
7. Anticipated additional surface disturbances: None
8. Estimated work date: 3/29/83
9. Present production and status:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
-------------	-------------	-------------	-------------

Well shut-in since 1982

(RWU 105 cont'd)

PRESENT STATUS:

4-83	115012	BO	(CUMM)
	37529	BW	(CUMM)
	78907	MCF	(CUMM)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5. LEASE U-0560
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME Red Wash
9. WELL NO. 105 (32-29A)
10. FIELD OR WILDCAT NAME
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 29, T7S, R22E
12. COUNTY OR PARISH Uintah
13. STATE Utah
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD) KB 5348'

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil well gas well other Water Injector

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

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 2029' FWL & 660' FNL SW 1/4 NE 1/4
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) <u>Return well to injection</u>	

RECEIVED
MAR 17 1983
DIVISION OF
OIL, GAS & MINING

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

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

It is proposed to return well to injection per attached procedure.

- 3 - MMS
- 2 - State
- 3 - Partners
- 1 - JAH
- 1 - S.723
- 1 - File

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 3/3/83
[Signature]
No additional surface
disturbance required
for this activity.

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

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

SIGNED Arlene F. Bush TITLE Engineering Asst. DATE March 17, 1983

(This space for Federal or State office use)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil well gas well other Water Injector

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

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 2029' FWL & 660' FNL SWNE
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
U-0560

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Red Wash

9. WELL NO.
105 (32-29A)

10. FIELD OR WILDCAT NAME

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 29, T7S, R22E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
KB 5348'

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

REQUEST FOR APPROVAL TO: ,

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE

CHANGE ZONES

ABANDON*

(other) Return well to injection

SUBSEQUENT REPORT

RECEIVED

JUL 20 1983

DIVISION OF
OIL, GAS & MINING

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

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

This well was returned to injection as follows:

1. MIRU, ND TREE, NU BOPE.
2. RIH W/W.L. Perfd below first PKR @ 5753-54 W/2SPF. PMPD 750 gal 15% HCL to C/O TBG.
3. RIH W/Bit & C/O to 5852'. POOH W/Same. RIH W/CSG SCRPR to 5852'. POOH W/Same. 3-BLM
4. Isolate and PMP Fm Wtr into perfs (5758-60 & 5800-26). 2-State
5. RIH & set CIBP @ 5785'. Perfd 5658-74 W/2 SPF. RIH W/PKR & RBP. Isolate Perfs. Spotted 1000 gal 15% HCL on Perfs. SWBD Perfs. 3-Partners
6. POOH W/PKR & RBP. RIH W/Prod STRNG HYDROTSTG to 5000 psi. 1-JAH
7. ND BOPE, NU TREE. 1-Sec. 723
8. RD MOL 1-File

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

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

SIGNER [Signature] TITLE Engineering Asst. DATE July 20, 1983

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

STATE OF UTAH
 DIVISION OF OIL, GAS, AND MINING
 ROOM 4241 STATE OFFICE BUILDING
 SALT LAKE CITY, UTAH 84114
 (801) 533-5771
 (RULE 1-5)

FORM NO. DOGM-UIC-1

IN THE MATTER OF THE APPLICATION OF
Chevron U.S.A. Inc.
 ADDRESS P. O. Box 599
Denver, CO ZIP 80201
 INDIVIDUAL PARTNERSHIP CORPORATION
 FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
 INJECT FLUID INTO THE ...RWU No...105..... WELL
 SEC. 29 TWP. 7S RANGE 22E
Uintah COUNTY, UTAH

CAUSE NO. _____

ENHANCED RECOVERY INJ. WELL	<input checked="" type="checkbox"/>
DISPOSAL WELL	<input type="checkbox"/>

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 <u>U-0560</u>	Well No. <u>105 (32-29A)</u>	Field <u>Red Wash</u>	County <u>Uintah</u>
Location of Enhanced Recovery Injection or Disposal Well <u>SW$\frac{1}{4}$, NE$\frac{1}{4}$</u> Sec. <u>29</u> Twp. <u>7S</u> Rge. <u>22E</u>			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Casing Test Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Date <u>5/21/83</u>	
Depth-Base Lowest Known Fresh Water Within $\frac{1}{2}$ Mile <u>2700</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within $\frac{1}{2}$ Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		State What oil & gas
Location of Injection Source(s) <u>Fresh water from the Green River</u>	Geologic Name(s) and Depth of Source(s) <u>Not Applicable</u>		
Geologic Name of Injection Zone <u>Green River</u>		Depth of Injection Interval <u>5658</u> to <u>5760</u>	
a. Top of the Perforated Interval: <u>5658</u>	b. Base of Fresh Water: <u>2700</u>	c. Intervening Thickness (a minus b) <u>2958</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			
Lithology of Intervening Zones <u>sand-shale</u>			
Injection Rates and Pressures Maximum = <u>2500 B/D</u> , Working = <u>800</u> B/D Maximum = <u>3000 psi</u> , Working = <u>2000</u> psi			
The Names and Addresses of Those To Whom Copies of This Application and Attachments Have Been Sent			
<u>Bureau of Land Management, State of Utah</u>			 DIVISION OF OIL, GAS & MINING
<u>1400 University Club Building</u>			
<u>136 East South Temple</u>			
<u>Salt Lake City, Utah 84111</u>			

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 sworn to before me this 19 day of July, 1983
5, 1987.

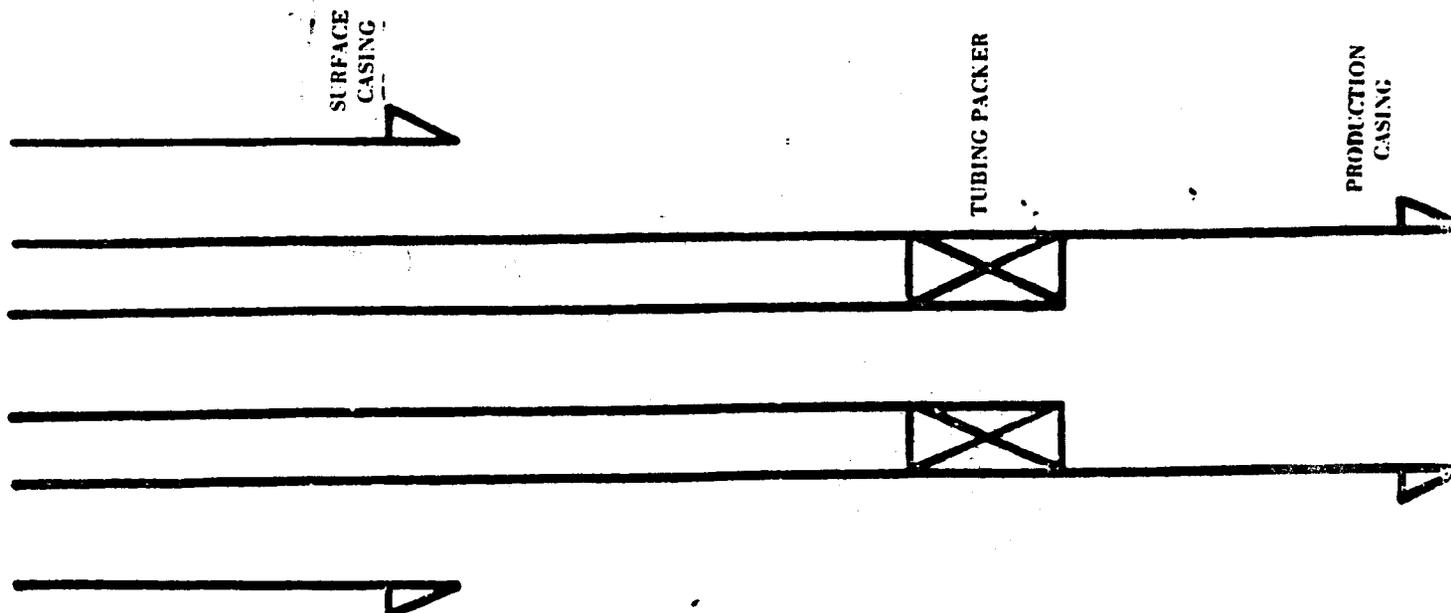
SEAL
 My commission expires _____
 Notary Public in and for Colorado

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 1/2 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 1/2 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"	221	175	surface	returns
Intermediate					
Production	7"	5973	375	4280	CBL
Tubing	2-7/8"	5624	Name - Type - Depth of Tubing Packer Baker FH packer @ 5609		
Total Depth 5975	Geologic Name - Inj. Zone Green River	Depth - Top of Inj. Interval 5658	Depth - Base of Inj. Interval 5760		

SKETCH - SUBSURFACE FACILITY



CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW
* * * * *

Operator: Cherron Well No. 32-29A(105)
 County: Vinton T 7S R 22E Sec. 29 API# 43-047-16487
 New Well Conversion Disposal Well Enhanced Recovery Well

	<u>YES</u>	<u>NO</u>
UIC Forms Completed	<u>✓</u>	_____
Plat including Surface Owners, Leaseholders, and wells of available record	<u>✓</u>	_____
Schematic Diagram	<u>✓</u>	_____
Fracture Information	<u>✓</u>	_____
Pressure and Rate Control	<u>✓</u>	_____
Adequate Geologic Information	<u>✓</u>	_____
Fluid Source	<u>Greeniner</u>	_____

Analysis of Injection Fluid	Yes <u>✓</u> No _____	TDS <u>5460</u>
Analysis of Water in Formation to be injected into	Yes <u>✓</u> No _____	TDS <u>21,667</u>
Known USDW in area	<u>Vinton</u>	Depth <u>2700</u>
Number of wells in area of review	<u>5</u> Prod. <u>3</u> P&A <u>1</u>	
	Water _____	Inj. <u>1</u>
Aquifer Exemption	Yes <u>✓</u> NA _____	
Mechanical Integrity Test	Yes <u>✓</u> No _____	
	Date <u>6/4-83</u> Type <u>Fracs</u>	

Comments: Top of Cement 4280 Bottom 5923

Reviewed by: [Signature]

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

Form UIC-2

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

COUNTY LEASE NO.

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

API NO 43-047-05377

640 Acres

COUNTY Uintah SEC. 29 TWP. 7S RGE. 22E

COMPANY OPERATING Chevron U.S.A. Inc.

OFFICE ADDRESS P. O. Box 599

TOWN Denver STATE CO ZIP 80201

FARM NAME Red Wash WELL NO. 105

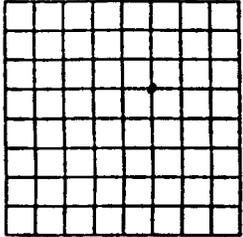
DRILLING STARTED 7/17 1959 DRILLING FINISHED 8/6 1959

DATE OF FIRST PRODUCTION 8-59 COMPLETED 8/23/59

WELL LOCATED SW $\frac{1}{4}$ NE $\frac{1}{4}$

660 FT. FROM SE OF $\frac{1}{4}$ SEC. & 611 FT. FROM WL OF $\frac{1}{4}$ SEC.

ELEVATION BERRICK FLOOR KB 5348 GROUND 5336



Locate Well Correctly and Outline Lease

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	Sex	Fillup	Top
10-3/4"	40.5#	J-55	221	1200	175	-	surface
7"	23#	N-80 &J-55	5973	1000	375	-	4280

TOTAL DEPTH 5975

PACKERS SET DEPTH 5609

FORMATION	Green River		
SPACING & SPACING ORDER NO.	40-acre spacing		
CLASSIFICATION (Oil; Gas; Dry; Inj. Well)	Enhanced recovery		
PERFORATED	5658-74	5826	
INTERVALS	5753-54		
	5758-60		
	5800-02		
ACIDIZED?	5658-5754	5800-02	
FRACTURE TREATED? ^{no}	-		

INITIAL TEST DATA

Date	8-59		
Oil, bbl./day	0		
Oil Gravity	-		
Gas, Cu. Ft./day	0	CF	CF
Gas-Oil Ratio Cu. Ft./Bbl.	-		
Water-Bbl./day	350		
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.

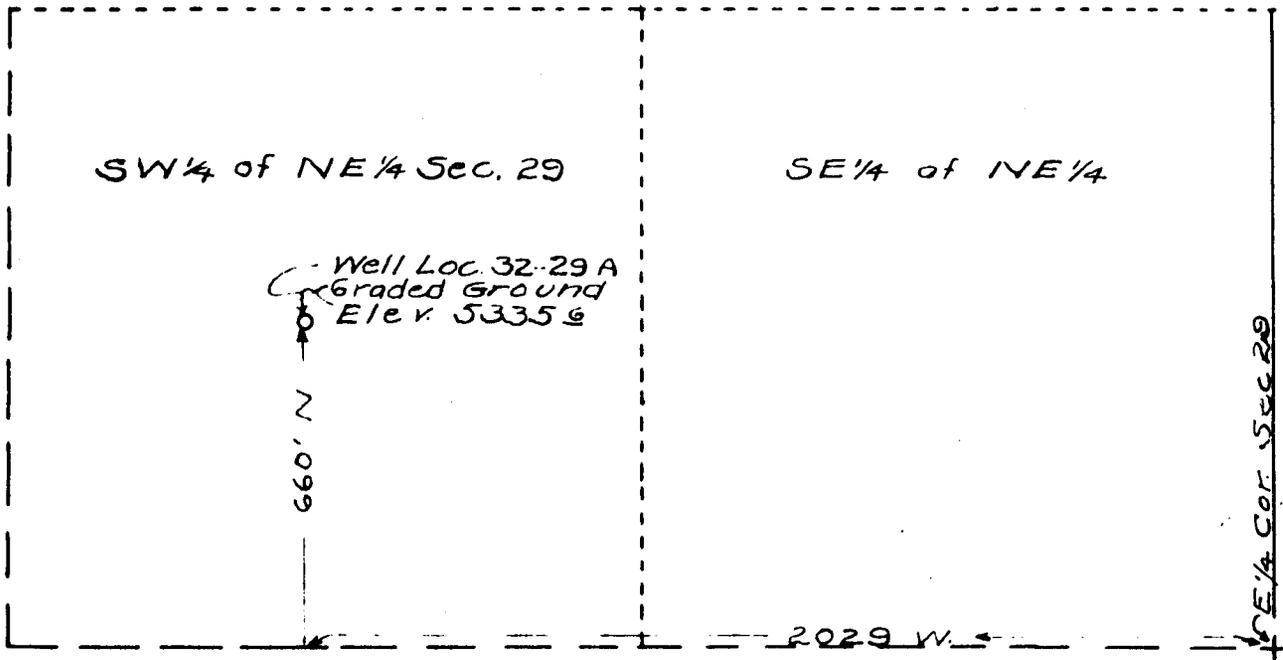
Telephone (303) 691-7437 *R.H. Elliott - Area Prod. Sect.*
Name and title of representative of company

Address address is: _____
Subscribed and sworn to before me this 19 day of July, 1983
Denver, CO 80222
Leis J. Thompson

Well fill

PLAT SHOWING
LOCATION OF THE STANDARD OIL COMPANY OF CALIF-
ORNIA WELL IN THE SW $\frac{1}{4}$ OF THE NE $\frac{1}{4}$ SECTION 29,
TOWNSHIP 7 SOUTH, RANGE 22 EAST, SALT LAKE
BASE AND MERIDIAN.

Scale 1" = 400 feet.

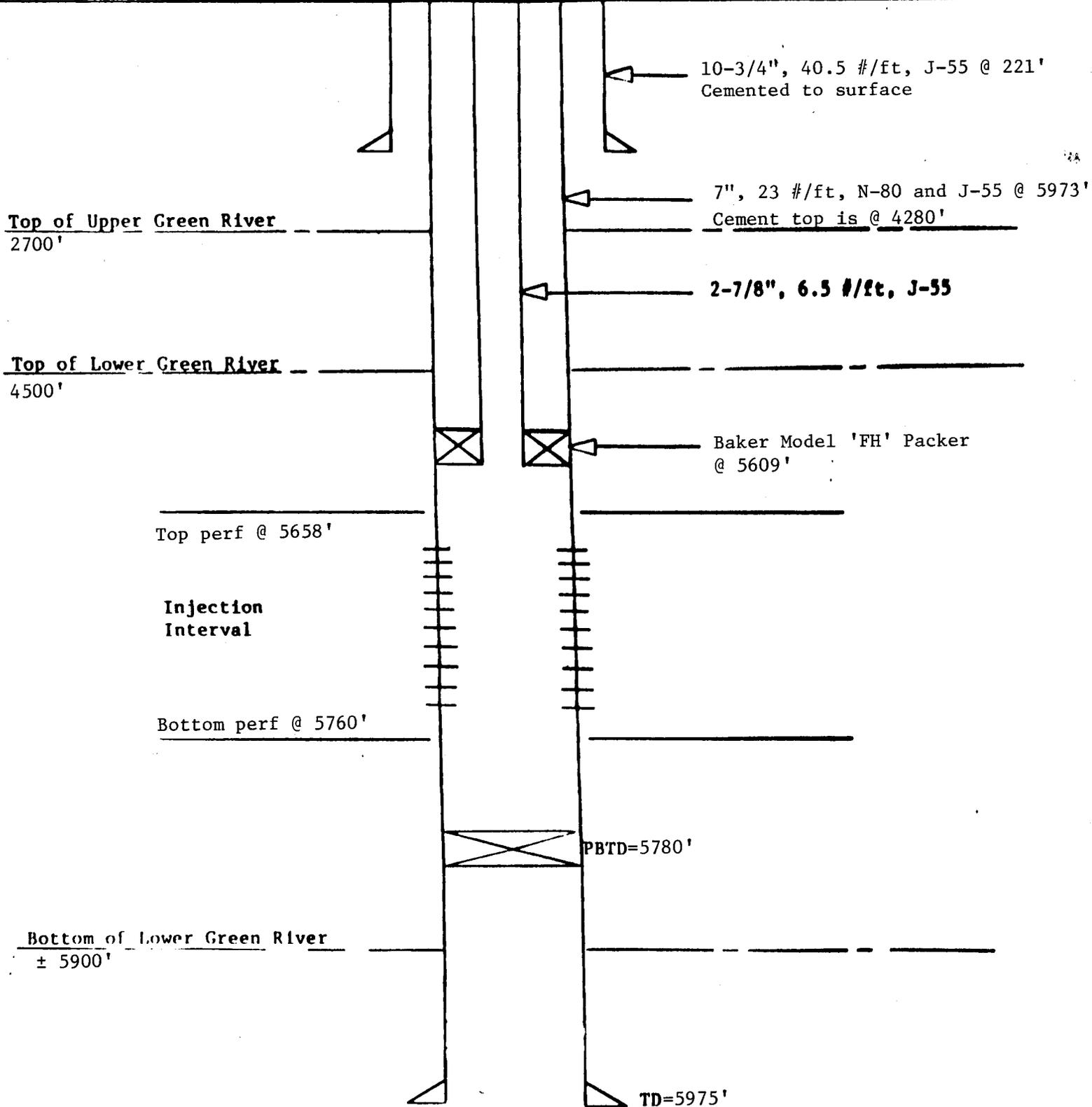


I, Leon P. Christensen of Vernal, Utah, do hereby certify that this plat correctly shows the location of the well shown hereon as surveyed by me on June 27, 1959, and levels were run on July 11, 1959; that well is located at a point 2029 feet West and 660 feet North of the East quarter corner Section 29 $\frac{1}{4}$ Township 7 South, Range 22 East Salt Lake Base and Meridian.

Leon P. Christensen
Prof. Engr. and Land Surveyor



Ground Level 5336'



Red Wash Unit 105 (32-29A)
Wellbore Schematic

CBL DESCRIPTIONS

Injection Well

RWU No. 105 (32-29A)

The subject well has a cement top at 4280' and a gross injection interval from 5658' to 5760'. The CBL shows the bond to be poor from the cement top to 5100' and good from 5100' to 5840' except a 30' section at 5470'.

Offset Producers

RWU No. 107 (12-28B)

The CBL indicates the cement top is at + 4850'. The bond from 4900' to 6410' is in general of good quality. The production interval is from 6326' to 6349'. Currently, No. 107 is producing from the Wasatch Formation.

RWU No. 119 (43-29A)

A cement bond log is not available for No. 119. The cement top is calculated to be at 3479'. Production interval is from 5697' to 5804'.

RWU No. 126 (41-29A)

A cement bond log is not available for No. 126. The cement top is calculated to be at 3232'. Production interval is from 5471' to 5680'.

Chevron



Chevron U.S.A. Inc.

700 South Colorado Blvd., P. O. Box 599, Denver, CO 80201

May 24, 1983

R. H. Elliott
Area Superintendent

Mr. Gilbert L. Hunt
UIC Geologist
State of Utah Natural Resources & Energy
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Dear Mr. Hunt:

In accordance with Rule 1-7, Section (f) of Cause No. 190-3, this letter will serve to notify the Division of Oil, Gas & Mining that Chevron U.S.A. Inc., as operator of Red Wash Unit in Uintah County, Utah, has shut-in nine water injection wells. Mr. M. K. DeBerry notified you of this matter by telephone on April 18, 1983.

Annulus pressure checks on 55 water injectors at Red Wash indicated that nine wells have problems not easily corrected. These wells were shut-in pending a workover:

No. 2	(14-24B)	SW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 24, T7S, R23E
No. 7	(41-27B)	NE $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 27, T7S, R23E
No. 25	(23-23B)	NE $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 23, T7S, R23E
No. 105	(32-29A)	SW $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 29, T7S, R22E
No. 134	(14-28B)	SW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 28, T7S, R23E
No. 154	(41-32B)	NE $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 32, T7S, R23E
No. 173	(21-21B)	NE $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 21, T7S, R23E
No. 190	(34-29A)	SW $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 29, T7S, R22E
No. 202	(21-34A)	NE $\frac{1}{4}$ NW $\frac{1}{4}$, Sec. 34, T7S, R22E

Two additional wells were shut-in as a result of casing integrity tests witnessed by your Mr. Jack Feight and Ms. Thalia Pratt on May 10-12, 1983. These wells were:

No. 14	(14-13B)	SW $\frac{1}{4}$ SW $\frac{1}{4}$, Sec. 13, T7S, R23E
No. 56	(41-28B)	NE $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 28, T7S, R23E

If you require additional information on this matter or have any questions, please contact Mr. Michael DeBerry at (303) 691-7313.

Yours very truly,

CHEVRON U.S.A. INC.

By R. H. Elliott

R. H. Elliott

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
(Other instructions
verse side)

Form approved
Budget Bureau No. 1004-01
Expires August 31, 1985

2/17/87

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. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER Water Injector		5. LEASE DESIGNATION AND SERIAL NO. U-0560
2. NAME OF OPERATOR Chevron USA Inc		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 599, Denver, CO 80201		7. UNIT AGREEMENT NAME Red Wash Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface SW-NE		8. FARM OR LEASE NAME 32-29A
14. PERMIT NO.	15. ELEVATIONS (Show whether OF, RT, GR, etc.) 5348' KB	9. WELL NO. 105
		10. FIELD AND POOL OR WILDCAT Red Wash
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 29, T7S, R22E
		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 <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) UIC Compliance <input checked="" type="checkbox"/>			

(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 is proposed to correct annulus pressure:

1. Kill well if necessary. N/D tree. N/U and test BOPE.
2. Shear packer. POOH with tubing.
3. Clean out to 5785' (PBSD).
4. Run in hole and set retrievable packer at 5600'. Pressure test casing to 1000 psi. POOH.
5. Hydra test in hole with tubing to 4000 psi.
6. Displace hole with packer inhibited fluid.
7. Set packer. Test annulus to 1000 psi. N/D BOPE.
8. N/U tree. Test same. Release rig. Return to Wtr. Inj.

- 3-BLM
- 3-State
- 2-Partners
- 1-EEM
- 3-Drlg.
- 1-File

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

RECEIVED
FEB 13 1987

DATE: 2/17/87
BY: [Signature]

DIVISION OF OIL, GAS & MINING

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

SIGNED [Signature] TITLE Office Assistant Regulatory Affairs DATE February 11, 1987

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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

1. Type of Well Oil Gas <input type="checkbox"/> Well <input type="checkbox"/> Well <input checked="" type="checkbox"/> Other <u>W/W.</u>	5. Lease Designation and Serial No. U - 0560
2. Name of Operator CHEVRON U.S.A PRODUCTION CO.	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. P.O. BOX 599, DENVER, CO. 80201 (303) 930-3691	7. If Unit or CA, Agreement Designation RED WASH
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1980 FNL 660 FSL, 2029 FEL, SEC. 29, T7S, R22E	8. Well Name and No. 105 (32-29A)
	9. API Well No. 43-047-16487
	10. Field and Pool, or Exploratory Area RED WASH P GRN.
	11. County or Parish, State RIVER UINTAH, UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>STATUS</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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

THIS INJECTION WILL IS SHUT IN WHILE UPGRADING WELL TEST FACILITIES. WE WILL RE-EVALUATE STATUS AFTER WELL TEST FACILITIES UPGRADES HAVE BEEN COMPLETED.

- 3 - BLM
- 3 - STATE
- 1 - JTC
- 1 - WELL FILE
- 1 - JLW

RECEIVED

APR 09 1992

DIVISION OF
OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
Signed J.P. Wilton Title PERMIT SPECIALIST Date 3/26/92

(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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
U-0560

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
RWU #105 (32-29A)

9. API Well No.
43-047-16487

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

11. County or Parish, State
Uintah, Utah

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Gas
Well Well Other **WIW**

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

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

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

**860 TSL, 2029 FEL, SEC. 29, T7S, R22E
1980 FNL**

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other _____ <input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> 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

Blanca Prough

Title

Oper. Assistant

Date

02/09/93

(This space for Federal or State office use)

Approved by:

Title

Date

Conditions of approval, if any:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
U-0560

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
RWU #105 (32-29A)

9. API Well No.
43-047-16487

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

11. County or Parish, State
Uintah, Utah

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Gas
Well Well Other

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**660' FSL, 2029' FEL, SEC. 29, T7S, R22E
1980' FNL**

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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

We propose to P&A the subject well per the attached procedure.

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: **8-3-93**
BY: *[Signature]*

RECEIVED

AUG 12 1993

DIVISION OF
OIL GAS & MINING

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

Signed

Title

Date

07/30/93

(This space for Federal or State office use)

Approved by: _____ Title _____ Date _____
Conditions of approval, if any: *Federal Approval of this Action is Necessary*

**RED WASH UNIT
UINTAH COUNTY, UTAH**

**RWU #105 (32-29A)
PLUGGING PROCEDURE**

1. MIRU. ND WH AND NU BOPE.
2. RELEASE BAKER FH PACKER AT 5611' AND TOH.
3. CLEAN OUT WELL TO ~5620' WITH BIT AND SCRAPER.
4. SET CIBP AT 5600' AND DUMP BAIL 35' OF CEMENT ON TOP. DISPLACE WELLBORE TO ~3500' WITH 9.2 PPG BRINE.
5. OIL SHALE INTERVAL IS ESTIMATED AT 3770-4010'. PERFORATE AT 4060' AND SET CICR AT 3820'. SQUEEZE ~110 SX. CLASS H CEMENT BELOW CICR AND SPOT ~20 SX. CLASS H ON TOP OF CICR. CIRCULATE CLEAN AND DISPLACE WELLBORE TO ~3000' WITH 9.2 PPG BRINE.
6. GREEN RIVER FORMATION TOP IS AT 3123'. ISOLATE BY PERFORATING AT 3223' AND SETTING CICR AT 3123'. SQUEEZE ~55 SX. CLASS H BELOW CICR AND SPOT ~25 SX. CLASS H ON TOP. CIRCULATE CLEAN AND DISPLACE WELLBORE WITH 9.2 PPG BRINE.
7. PERFORATE AT 300' AND ESTABLISH CIRCULATION DOWN 7" CASING AND UP 7" X 10-3/4" ANNULUS. CEMENT CASING AND ANNULUS FROM 300' TO SURFACE USING ~165 SX. CLASS H CEMENT.
8. CUT OFF WELLHEAD AND INSTALL DRY HOLE MARKER.
9. NOTIFY OPERATIONS TO REHABILITATE LOCATION PER BLM GUIDELINES.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION VIII

999 18th STREET - SUITE 500
DENVER, COLORADO 80202-2466

SEP 3 1993

RECEIVED
SEP 09 1993

Ref: 8WM-DW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

DIVISION OF
OIL, GAS & MINING

Mr. John T. Conley
Chevron U.S.A. Production Company
P. O. Box 455
Vernal, UT 84078

RE: UNDERGROUND INJECTION CONTROL (UIC)
Approval of P & A Plans
Red Wash Unit (RWU)
Uintah County, Utah

Dear Mr. Conley:

In accordance with the telephone conversation between your Mr. Steve McPherson and Chuck Williams of this office, we have reviewed and hereby approve the revised plugging and abandonment plans as submitted, dated July 22, 1993, for the following wells:

RED WASH FIELD

EPA PERMIT NO.

RWU #98 (21-22A)	UT2000-02359	
RWU #22 (41-18C)	UT2000-02427	
RWU #105 (32-29A)	UT2000-02431	T. 7S, R. 22E, S-29
RWU #117 (14-21A)	UT2000-02432	
RWU #146 (12-21A)	UT2000-02436	

16487

Within sixty (60) days from the date of plugging and abandonment operations, please submit EPA Form 7520-13, Plugging Record, (copy enclosed), for each well, showing the details as to how each well was actually plugged.

Please direct all correspondence to the ATTENTION: CHUCK WILLIAMS, CITING MAIL CODE 8WM-DW. Thank you for your continued cooperation.

Sincerely,

Max H. Dodson, Director
Water Management Division

Enclosure

**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

1. Type of Well
 Oil Gas
 Well Well Other

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

3. Address and Telephone No.
P. O. BOX 455, VERNAL, UT 84078 (801) 781-4302

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FSL, 2029' FEL, SEC. 29, T7S/R22E

5. Lease Designation and Serial No.
U-0560

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
RWU #105 (32-29A)

9. API Well No.
43-047-16487

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

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	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <u>6 MOS. EXTENSION (P&A)</u>	<input type="checkbox"/> Dispose Water

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

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

We request a 6 mos. extension on our proposal to P&A the subject well.

ADDITIONAL OFFICE
OF THE BUREAU OF LAND MANAGEMENT
OIL, GAS, AND MINERAL
DATE: 2-17-94
BY: [Signature]

FEB 16 1994

14. I hereby certify that the foregoing is true and correct.
 Signed: [Signature] Title: Operations Assistant Date: 02/14/94

(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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
U-0560

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
RWU #105 (32-29A)

9. API Well No.
43-047-16487

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

11. County or Parish, State
UINTAH, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well
Oil Gas
 Well Well Other

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
660' FSL, 2029' FEL, SEC. 29, T7S/R22E

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

TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input checked="" type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other _____	<input type="checkbox"/> Dispose Water

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

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

Subject well has been reclaimed as per BLM specifications.

14. I hereby certify that the foregoing is true and correct.
Signed Frank Rought Title Operations Assistant Date 07/05/94

(This space for Federal or State office use)
Approved by: _____ Title _____ Date _____
Conditions of approval, if any _____

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**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

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

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

5. Lease Designation and Serial No.
U-0560

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
RWU #105 (32-29A)

9. API Well No.
43-047-16487

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

11. County or Parish, State
UINTAH, UTAH

SUBMIT IN TRIPLICATE

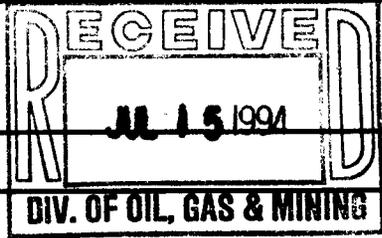
1. Type of Well

Oil Gas
 Well Well Other

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

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
**1980' PNV
660' PSL, 2029' FEL, SEC. 29, T7S/R22E**



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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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

Subject injector was P&A'd between 6/29/94 and 7/6/94 as follows:

- MIRU.
- RIH with bit and scraper to 5631'. Circulated well clean.
- POOH with bit and scraper and set CIBP at 5590'. Tested casing to 500 PSI; good. Dump bailed 35' cement on top.
- Perforated at 4060' using 4 JSPF.
- RIH with 7" CICR and set at 3763'. Pumped 115 sx. Class H Cement below, stung out and spotted 10 sx. on top.
- Perforated at 3223' using 4 JSPF. RIH with 7" CICR and set at 3117'. Tested casing to 500 PSI; good. Pumped 45 sx. below, stung out and spotted 10 sx. on top.
- Perforated at 272' using 4 JSPF. Established circulation down casing and up annulus. Pumped 150 sx. Class H Cement to surface, hole stood full.
- Cut off wellhead, installed P&A marker and notified Operations to reclaim location.

All voids between cement plugs were filled with 9.2 ppg brine. P&A operations were witnessed by Randy Bywater with the BLM.

14. I hereby certify that the foregoing is true and correct.
Signed *Chama Rough* Title Operations Assistant Date 07/13/94

(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.

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

1. Type of Well
Oil Gas
 Well Well 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)

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

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>CHANGE OF OPERATOR</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> 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, 1990.

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: *M. 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.



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

Well Status Report
Utah State Office
Bureau of Land Management

Lease	Api Number	Well Name	QTR	Section	Township	Range	Well Status	Operator
** Inspection Item: 8920007610								
UTU0566	4304715135	1 (41-26B) RED WASH	NENE	26	T 7S	R23E TA		CHEVRON U S A INCORPORATED
UTU082	4304715141	10 (12-23B) RED WASH	SWNW	23	T 7S	R23E OSI		CHEVRON U S A INCORPORATED
UTU0559	4304715219	100A (43-21A) RED WA	NESE	21	T 7S	R22E WIW		CHEVRON U S A INCORPORATED
UTU0567	4304715220	101 (34-21B) RED WAS	SWSE	21	T 7S	R23E POW		CHEVRON U S A INCORPORATED
UTU0561	4304715221	102 (41-24A) RED WAS	SENE	24	T 7S	R22E WIW		CHEVRON U S A INCORPORATED
UTU081	4304715222	103 (34-15B) RED WAS	SWSE	15	T 7S	R23E TA		CHEVRON U S A INCORPORATED
UTU0559	4304715223	104 (14-22A) RED WAS	SWSW	22	T 7S	R22E ABD		CHEVRON U S A INCORPORATED
UTU0560	4304716487	105 (32-29A) RED WAS	SWNE	29	T 7S	R22E P+A		CHEVRON U S A INCORPORATED
UTU02148	4304715224	106 (12-17C) RED WAS	SWNW	17	T 7S	R24E ABD		CHEVRON U S A INCORPORATED
UTU0558	4304715225	107 (12-28A) RED WAS	SWNW	28	T 7S	R22E P+A		CHEVRON U S A INCORPORATED
UTU0567	4304715226	108 (32-21B) RED WAS	SWNE	21	T 7S	R23E POW		CHEVRON U S A INCORPORATED
UTU02025	4304715227	109 (21-28B) RED WAS	NENW	28	T 7S	R23E POW		CHEVRON U S A INCORPORATED
UTU0566	4304715142	11 (34-27B) RED WASH	SWSE	27	T 7S	R23E WIW		CHEVRON U S A INCORPORATED
UTU0559	4304715228	110 (23-23A) RED WAS	NESW	23	T 7S	R22E POW		CHEVRON U S A INCORPORATED
UTU0561	4304715229	111 (32-24A) RED WAS	SWNE	24	T 7S	R22E TA		CHEVRON U S A INCORPORATED
UTU0558	4304715230	112 (32-28A) RED WAS	SWNE	28	T 7S	R22E POW		CHEVRON U S A INCORPORATED
UTU0558	4304715232	114 (41-28A) RED WAS	NENE	28	T 7S	R22E P+A		CHEVRON U S A INCORPORATED
UTU02030	4304715233	115 (21-19B) RED WAS	NENW	19	T 7S	R23E POW		CHEVRON U S A INCORPORATED
UTU0558	4304715234	116 (23-28A) RED WAS	NESW	28	T 7S	R22E P+A		CHEVRON U S A INCORPORATED
UTU0560	4304716488	117 (14-21A) RED WAS	SWSW	21	T 7S	R22E P+A		CHEVRON U S A INCORPORATED
UTU0560	4304715236	119 (43-29A) RED WAS	NESE	29	T 7S	R22E POW		CHEVRON U S A INCORPORATED
UTU082	4304716474	12 (41-24B) RED WASH	NENE	24	T 7S	R23E ABD		CHEVRON U S A INCORPORATED
UTU02025	4304715237	120 (23-28B) RED WAS	NESW	28	T 7S	R23E TA		CHEVRON U S A INCORPORATED
UTU081	4304715238	121 (13-13B) RED WAS	NWSW	13	T 7S	R23E PGW		CHEVRON U S A INCORPORATED
UTU081	4304715239	122 (24-14B) RED WAS	SESW	14	T 7S	R23E POW		CHEVRON U S A INCORPORATED
UTSL066446A	4304715240	123 (43-13A) RED WAS	NESE	13	T 7S	R22E ABD		CHEVRON U S A INCORPORATED
UTU0558	4304715241	124 (14-28A) RED WAS	SWSW	28	T 7S	R22E P+A		CHEVRON U S A INCORPORATED
UTU02030	4304715242	125 (34-19B) RED WAS	SWSE	19	T 7S	R23E POW		CHEVRON U S A INCORPORATED
UTU0560	4304715243	126 (41-29A) RED WAS	NENE	29	T 7S	R22E POW		CHEVRON U S A INCORPORATED
UTU02030	4304715244	127 (12-19B) RED WAS	SWNW	19	T 7S	R23E POW		CHEVRON U S A INCORPORATED
UTU0559	4304715245	128 (32-23A) RED WAS	SWNE	23	T 7S	R22E ABD		CHEVRON U S A INCORPORATED
UTU081	4304715246	129 (14-15B) RED WAS	SWSW	15	T 7S	R23E POW		CHEVRON U S A INCORPORATED
UTU081	4304715143	13 (14-22B) RED WASH	SWSW	22	T 7S	R23E TA		CHEVRON U S A INCORPORATED
UTSL071965	4304715247	130 (32-27C) RED WAS	SWNE	27	T 7S	R24E P+A		CHEVRON U S A INCORPORATED
UTU0559	4304715248	131 (41-22A) RED WAS	NENE	22	T 7S	R22E P+A		CHEVRON U S A INCORPORATED
UTU0823	4304715249	132 (32-5F) RED WASH	SWNE	5	T 8S	R24E ABD		CHEVRON U S A INCORPORATED
UTU0566	4304715250	133 (41-34B) RED WAS	NENE	34	T 7S	R23E POW		CHEVRON U S A INCORPORATED
UTU02025	4304716489	134 (14-28B) RED WAS	SWSW	28	T 7S	R23E ABD		CHEVRON U S A INCORPORATED
UTU0116	4304715251	135 (12-18B) RED WAS	SWNW	18	T 7S	R23E ABD		CHEVRON U S A INCORPORATED
UTU02030	4304715252	136 (43-19B) RED WAS	NESE	19	T 7S	R23E TA		CHEVRON U S A INCORPORATED
UTU02030	4304715253	137 (34-28B) RED WAS	SWSE	28	T 7S	R23E TA		CHEVRON U S A INCORPORATED
UTU02025	4304715254	138 (41-30B) RED WAS	NENE	30	T 7S	R23E POW		CHEVRON U S A INCORPORATED
UTU02025	4304716490	139 (43-29B) RED WAS	NESE	29	T 7S	R23E ABD		CHEVRON U S A INCORPORATED
UTU081	4304715144	14 (14-13B) RED WASH	SWSW	13	T 7S	R23E WIWSI		CHEVRON U S A INCORPORATED
UTU081	4304715255	140 (24-22B) RED WAS	SESW	22	T 7S	R23E POW		CHEVRON U S A INCORPORATED
UTU0566	4304715256	141 (11-27B) RED WAS	MUNW	27	T 7S	R23E TA		CHEVRON U S A INCORPORATED
UTU0574	4304716491	142 (12-33A) RED WAS	SWNW	33	T 7S	R22E P+A		CHEVRON U S A INCORPORATED
UTU081	4304715257	143 (33-14B) RED WAS	MWSE	14	T 7S	R23E POW		CHEVRON U S A INCORPORATED

Well Status Report
Utah State Office
Bureau of Land Management

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

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH	4-KAS
2. CDW ✓	5-872 ✓
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 123 (43-13A)	43-047-15240	5670	13	07S	22E	FEDERAL
RWU 117 (14-21A)	43-047-16488	99998	21	07S	22E	FEDERAL
RWU 104 (14-22A)	43-047-15223	5670	22	07S	22E	FEDERAL
RWU 131 (41-22A)	43-047-15248	5670	22	07S	22E	FEDERAL
RWU 128 (32-23A)	43-047-15245	5670	23	07S	22E	FEDERAL
RWU 107 (12-28A)	43-047-15225	5670	28	07S	22E	FEDERAL
RWU 114 (41-28A)	43-047-15232	5670	28	07S	22E	FEDERAL
RWU 116 (23-28A)	43-047-15234	5670	28	07S	22E	FEDERAL
RWU 124 (14-28A)	43-047-15241	5670	28	07S	22E	FEDERAL
RWU 105 (32-29A)	43-047-16487	99998	29	07S	22E	FEDERAL
RWU 142 (12-33A)	43-047-16491	99996	33	07S	22E	FEDERAL
RWU 145 (24-13B)	43-047-15259	5670	13	07S	23E	FEDERAL
RWU 143 (33-14B)	43-047-15257	5670	14	07S	23E	FEDERAL
RWU 135 (12-18B)	43-047-15251	5670	18	07S	23E	FEDERAL
RWU 144 (21-18B)	43-047-15258	5670	18	07S	23E	FEDERAL
RWU 140 (24-22B)	43-047-15255	5670	22	07S	23E	FEDERAL
RWU 12 (41-24B)	43-047-16474	99998	24	07S	23E	FEDERAL
RWU 141 (11-27B)	43-047-15256	5670	27	07S	23E	FEDERAL
RWU 134 (14-28B)	43-047-16489	99996	28	07S	23E	FEDERAL
RWU 106 (12-17C)	43-047-15224	5670	17	07S	24E	FEDERAL
RWU 130 (32-27C)	43-047-15247	5670	27	07S	24E	FEDERAL
RWU 132 (32-5F)	43-047-15249	5670	05	08S	24E	FEDERAL
RWU 139 (43-29B)	43-047-16490	99996	29	07S	23E	FEDERAL

OPERATOR CHANGES DOCUMENTATION

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 12/30/1999
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 08/09/2000

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

FORM 3

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER RWU 105 (32-29A)					
2. TYPE OF WORK DRILL NEW WELL <input type="radio"/> REENTER P&A WELL <input checked="" type="radio"/> DEEPEN WELL <input type="radio"/>						3. FIELD OR WILDCAT RED WASH					
4. TYPE OF WELL Gas Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME RED WASH					
6. NAME OF OPERATOR QEP ENERGY COMPANY						7. OPERATOR PHONE 303 308-3068					
8. ADDRESS OF OPERATOR 11002 East 17500 South, Vernal, Ut, 84078						9. OPERATOR E-MAIL debbie.stanberry@questar.com					
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) UTU0560			11. MINERAL OWNERSHIP FEDERAL <input checked="" type="radio"/> INDIAN <input type="radio"/> STATE <input type="radio"/> FEE <input type="radio"/>			12. SURFACE OWNERSHIP FEDERAL <input checked="" type="radio"/> INDIAN <input type="radio"/> STATE <input type="radio"/> FEE <input type="radio"/>					
13. NAME OF SURFACE OWNER (if box 12 = 'fee')						14. SURFACE OWNER PHONE (if box 12 = 'fee')					
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')					
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="radio"/> (Submit Commingling Application) NO <input checked="" type="radio"/>			19. SLANT VERTICAL <input checked="" type="radio"/> DIRECTIONAL <input type="radio"/> HORIZONTAL <input type="radio"/>					
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN			
LOCATION AT SURFACE		1982 FNL 2028 FEL		SWNE	29	7.0 S	22.0 E	S			
Top of Uppermost Producing Zone		1982 FNL 2028 FEL		SWNE	29	7.0 S	22.0 E	S			
At Total Depth		1982 FNL 2028 FEL		SWNE	29	7.0 S	22.0 E	S			
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 1982			23. NUMBER OF ACRES IN DRILLING UNIT 40					
27. ELEVATION - GROUND LEVEL 5322			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1800			26. PROPOSED DEPTH MD: 12248 TVD: 12248					
28. BOND NUMBER ESB000024			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE A-36125/ 49-2153								
Hole, Casing, and Cement Information											
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight	
Surf	9	7	0 - 5973	23.0	J-55 LT&C	0.0	Class G	0	0.0	0.0	
Prod	6.125	4.5	0 - 12248	11.6	HCP-110 LT&C	10.5	Halliburton Light , Type Unknown	250	3.18	11.0	
							Halliburton Premium , Type Unknown	170	1.71	13.5	
ATTACHMENTS											
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES											
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER						<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)						<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)						<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Valyn Davis				TITLE Regulatory Affairs Analyst				PHONE 435 781-4369			
SIGNATURE				DATE 08/16/2011				EMAIL Valyn.Davis@qepres.com			
API NUMBER ASSIGNED 43047164870000				APPROVAL  Permit Manager							

QEP Energy Company
RW 32-29A RE Drilling Prog
API#: 43-047-16487
Summarized Re-Entry Procedure

1. Excavate around Dry-Hole Marker, expose P&A well.
2. Slip-on and weld 10-3/4" conductor back to surface.
3. MIRU Pulling unit.
4. Wash over and remove 7" casing to approximately 272'.
5. RIH with external casing patch and tie 7" casing back to surface.
6. Install wellhead and pressure test to 3,000 psi.
7. Fill backside of 7" casing with cement back to surface.
8. NU BOP. RIH, drill out P&A plugs to original PBTD.
9. Pressure test previously squeezed perfs. Remediate if necessary.
10. RDMO with pulling unit.
11. MIRU drilling rig.
12. NU and test BOPE.
13. Drill out 7" shoe and down to 12,248' TVD with a 6 1/8" bit.
14. If hole conditions permit, log with triple combo.
15. Run and cement 4 1/2" 11.6# HCP-110 casing.
16. ND BOPE.
17. RDMOL.

CONFIDENTIAL

ONSHORE OIL & GAS ORDER NO. 1
 QEP ENERGY COMPANY
 RW 32-29A RE (API#: 43-047-16487)

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:

<u>Formation</u>	<u>Depth, TVD & MD</u>
Green River	3,043'
Mahogany	4,055'
Original TD	5,976'
Wasatch	6,868'
Mesaverde	9,848'
Sego	12,148'
TD	12,248'

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:

<u>Substance</u>	<u>Formation</u>	<u>Depth, TVD & MD</u>
Gas	Wasatch	6,868'
Gas	Mesaverde	9,848'
Gas	Sego	12,148'

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

ONSHORE OIL & GAS ORDER NO. 1

QEP ENERGY COMPANY

RW 32-29A RE (API#: 43-047-16487)

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 connection 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)
15"	10 3/4"	sfc	222'	40.5#	J-55	STC	Existing	N/A
9"	7"	sfc	5,973'	23#	J-55	LTC	Existing	N/A
6 1/8"	4 1/2"	sfc	12,248'	11.6#	HCP-110	LTC	New	8.8 – 10.5

ONSHORE OIL & GAS ORDER NO. 1
 QEP ENERGY COMPANY
 RW 32-29A RE (API#: 43-047-16487)

Casing Strengths:				Collapse	Burst	Tensile (min)
10 3/4"	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"	13.5#	N-80	LTC	8,830 psi	10,710 psi	279,000 lb.

Casing Design Factors

*The casing prescribed above meets or exceeds the below listed design factors.

Burst: 1.2

Collapse: 1.2

Tension: 1.6

Maximum anticipated mud weight: 10.5 ppg

Maximum anticipated surface treating pressure: 7,500 psi

5. Cementing Program

4-1/2" Production Casing: sfc – 12,248'

Lead Slurry: 3,000' (TOC) – 9,848. 250 sks (785 ft³) Halliburton Extendacem, 3 pps Silicalite (extender), 1 pps Granulite TR 1/4 (LCM), 0.125 pps Poly – E – Flake. Slurry Weight 11.0 lb/gal, 3.18 ft³/sk, 25% excess over gauge in open hole only.

Tail Slurry: 9,848' – 12,248'. 170 sks (286 ft³), Halliburton Expandacem, 0.2% Super CBL (Expander), 0.45% HR-5 (Retarder), 1 pps Granulite TR 1/4, 0.125 pps Poly-E-Flake (LCM). Slurry Weight 13.5 lb/gal, 1.71 ft³/sk, 25% excess over gauge hole.

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

6. Auxiliary Equipment

- A. Kelly Cock – yes
- B. Float at the bit – yes
- C. Monitoring equipment on the mud system – PVT/Flow Show
- D. Full opening safety valve on the rig floor – yes

ONSHORE OIL & GAS ORDER NO. 1

QEP ENERGY COMPANY

RW 32-29A RE (API#: 43-047-16487)

- E. Drilling below the 7" casing will be done with oil 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 – Surface 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 6,687 psi. Maximum anticipated bottom hole temperature is 214° F.

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

9. **Additional Information For Oil Base Mud**

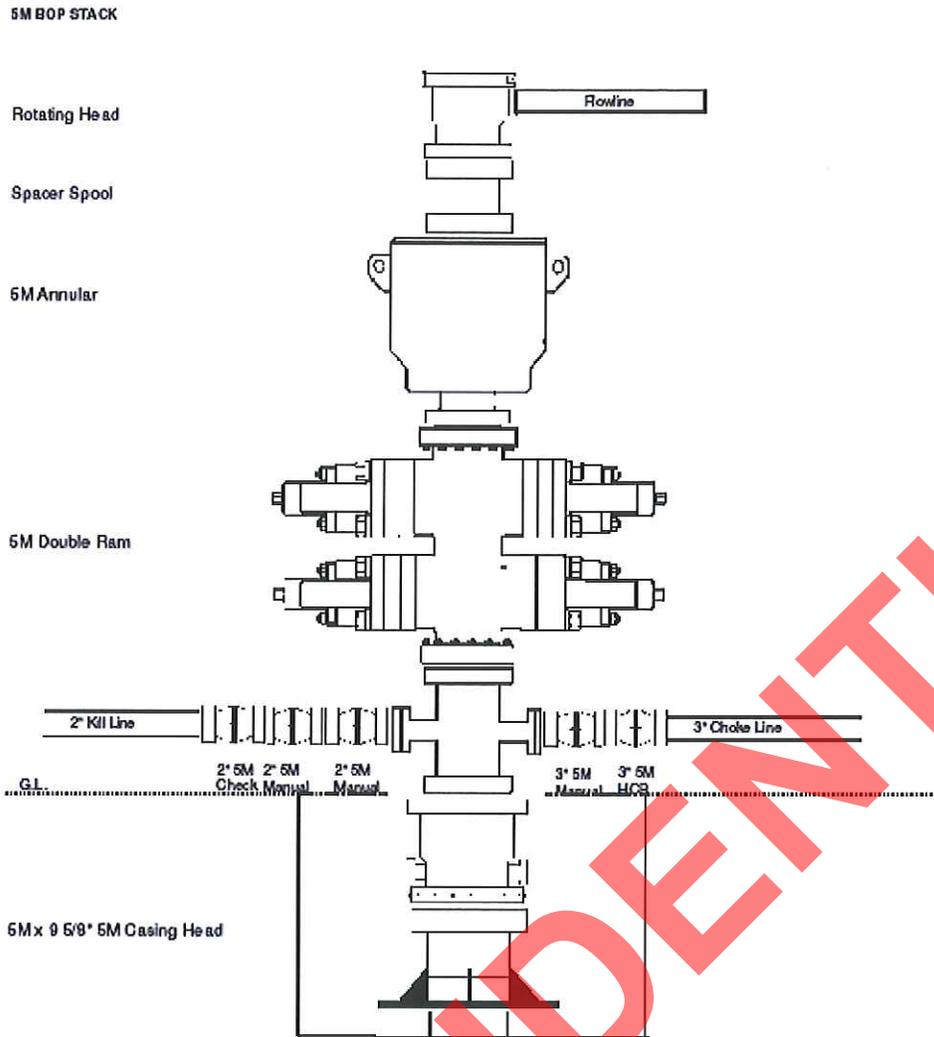
- A. See attached diagram of well pad layout. A reserve pit will be constructed for this location. This pit will be constructed so that a minimum of two vertical feet of freeboard exists above the top of the pit at all times and at least one-half of the holding capacity will be below ground level. The pit will be lined with a synthetic reinforced liner, 0.030" (0.75 mm +/-) thick, with sufficient bedding used to cover any rocks prior to putting any fluids into the pit. The pad will be designed so that runoff from adjacent slopes does not flow into the reserve pit. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. This cuttings pit will be used for oil based cuttings generated during drilling of the production hole.
- B. Oil-base mud will be mixed in the closed circulating system and transferred to one or more 400 bbl or 500 bbl tanks (as available) on location for storage

ONSHORE OIL & GAS ORDER NO. 1
QEP ENERGY COMPANY
RW 32-29A RE (API#: 43-047-16487)

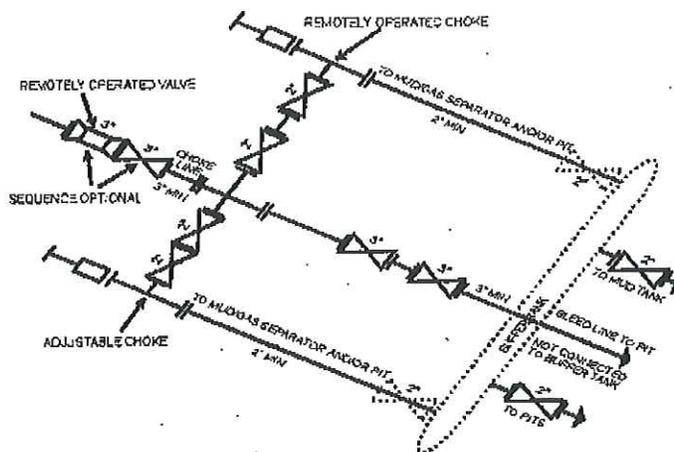
prior to and after drilling operations. Drip pans will be installed below the rotary beams on the substructure and can be viewed on site from the cellar area. As the production section of the hole is drilled, the cuttings transported to the surface with the drilling fluid will be mechanically separated from the drilling fluid as waste by two shale-shakers and then cleaned/dried via a mud cleaner and/or centrifuge. These separated cuttings will be transferred to the cuttings pit nearest the shakers and stored in this cuttings pit for solidification after the rig is released and moved off location.

- C. The means to transport the cuttings from the solids control equipment to the OBM cuttings pit will be dictated by the size of the location:
 - a. Option 1: By track-hoe or similar equipment from a cuttings bin to the cuttings pit.
 - b. Option 2: By 10" PVC pipe or equivalent steel piping. Water will be pumped to the solids control equipment and will convey the OBM cuttings from the solids control equipment to the OBM cuttings pit via the PVC pipe. The water will be recycled multiple times from the cuttings pit to continue to transport the cuttings to the cuttings pit. The conveyance system will be enclosed on the solids control end to prevent spills. The conveyance piping system at the cuttings pit end will be placed on top of pit liner to eliminate absorption of fluids into the soil.
- D. Plastic material will underlay the rig, oil base mud/diesel storage tanks and mud pits. All tanks on location will be placed inside of berms. Any oily waste fluids and sediments generated at the work site during drilling operations or when cleaning the fluid containment system after drilling will also be placed into the cuttings pit.
- E. All rig ditches will be lined and directed to a lined sump for fluid recovery. A drip pan will be installed on the BOP stack, a mud bucket will be utilized as needed on connections and a vacuum system will be used on the rig floor for fluid recovery in those areas.
- F. Once all waste has been placed in the cuttings pit and all necessary approvals obtained, the oilfield waste management consultant Soli-Bond or a similar company will mobilize equipment and personnel to the site to perform the cement based solidification/stabilization process in-situ for encapsulation. Soil will be backfilled over the processed material used on the cuttings pit and will be returned to the existing grade bordering the pit.

ONSHORE OIL & GAS ORDER NO. 1
QEP ENERGY COMPANY
RW 32-29A RE (API#: 43-047-16487)



ONSHORE OIL & GAS ORDER NO. 1
QEP ENERGY COMPANY
RW 32-29A RE (API#: 43-047-16487)

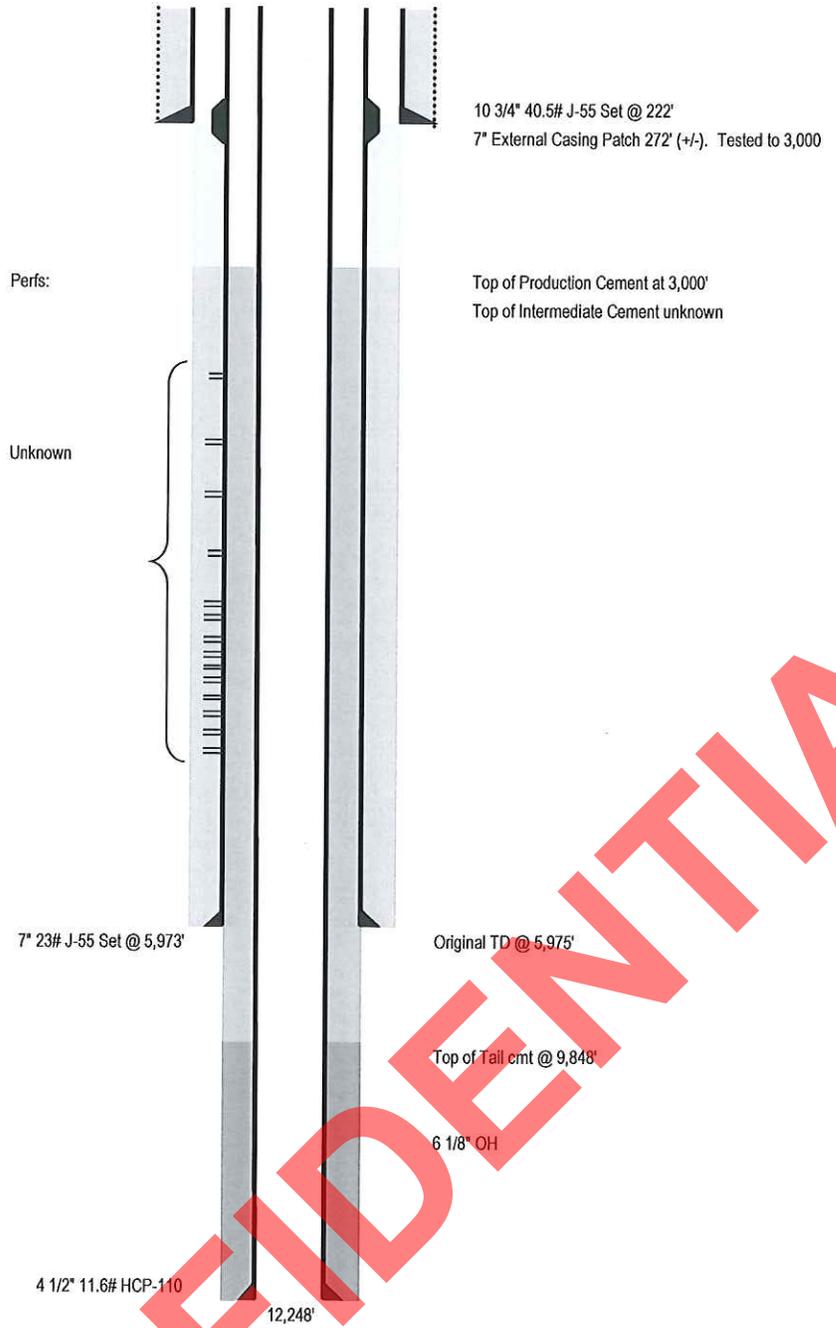


5M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

Although not required for any of the choke manifold systems, buffer tanks are sometimes installed downstream of the choke assemblies for the purpose of manifolded 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 26L, 3A, 10A, OR 1534 drawings, it would also be applicable to these situations.
[54 FR 29528, Sept. 27, 1989]

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RW 32-29A RE
API# 43-047-16487
SWNE Sec 29 T7S R22E
Uintah County, Utah
KB 5,336'
GL 5,322'
Original Spud 5/10/1960



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T7S, R22E, S.L.B.&M.

QEP ENERGY COMPANY

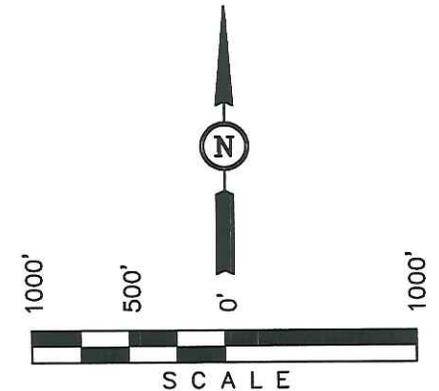
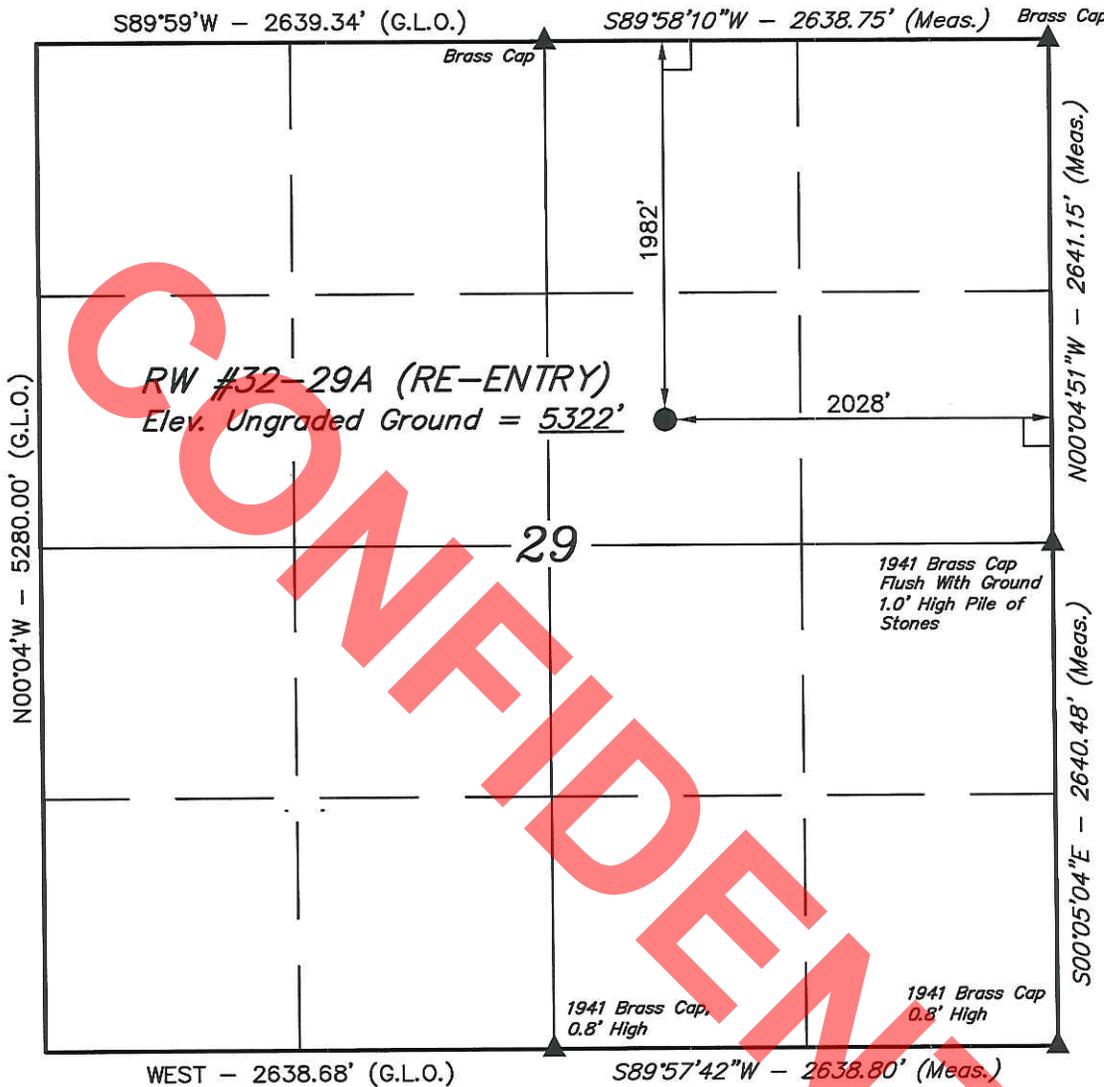
Well location, RW #32-29A (RE-ENTRY), located as shown in the SW 1/4 NE 1/4 of Section 29, T7S, R22E, S.L.B.&M., Uintah County, Utah.

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.

[Signature]
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH
 06-22-11

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

LEGEND:

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

(NAD 83)
 LATITUDE = 40°11'03.43" (40.184286)
 LONGITUDE = 109°27'42.18" (109.461717)
 (NAD 27)
 LATITUDE = 40°11'03.56" (40.184322)
 LONGITUDE = 109°27'39.70" (109.461028)

SCALE 1" = 1000'	DATE SURVEYED: 05-19-11	DATE DRAWN: 05-24-11
PARTY A.F. B.A. K.O.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE QEP ENERGY COMPANY	

API Well Number: 43047164870000

QEP ENERGY COMPANY
RW #32-29A (RE-ENTRY)
LOCATED IN UINTAH COUNTY, UTAH
SECTION 29, T7S, R22E, S.L.B.&M.

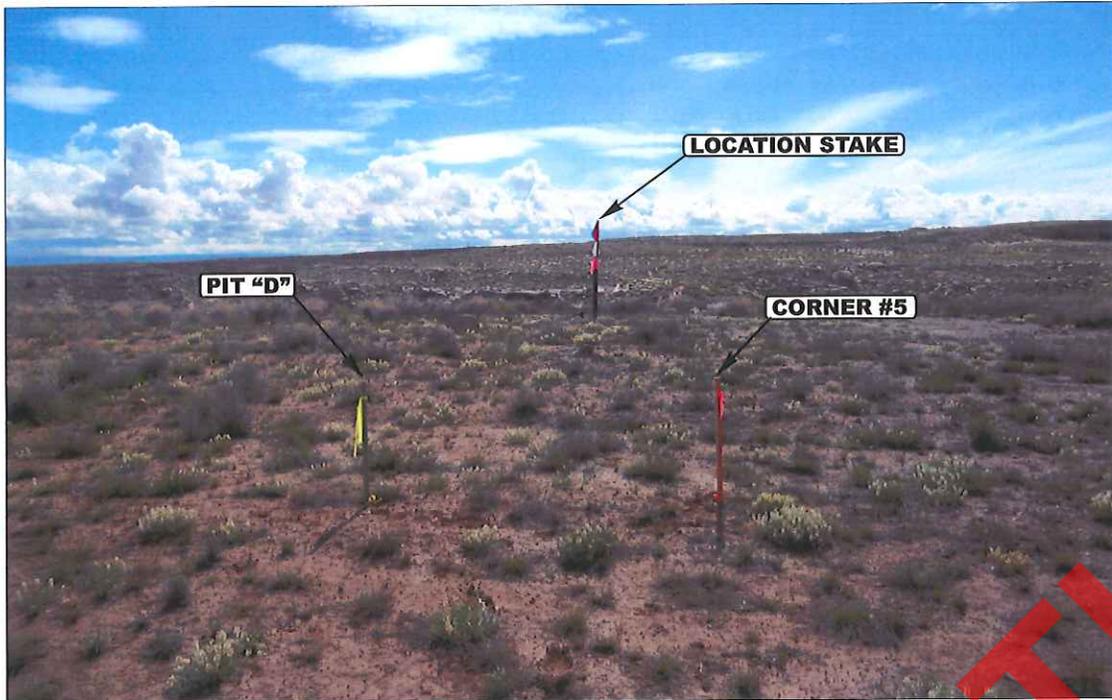


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: EASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



- Since 1964 -

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LOCATION PHOTOS

05 **26** **11**
MONTH DAY YEAR

PHOTO

TAKEN BY: A.F.

DRAWN BY: J.L.G.

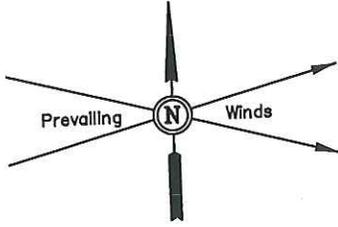
REVISED: 00-00-00

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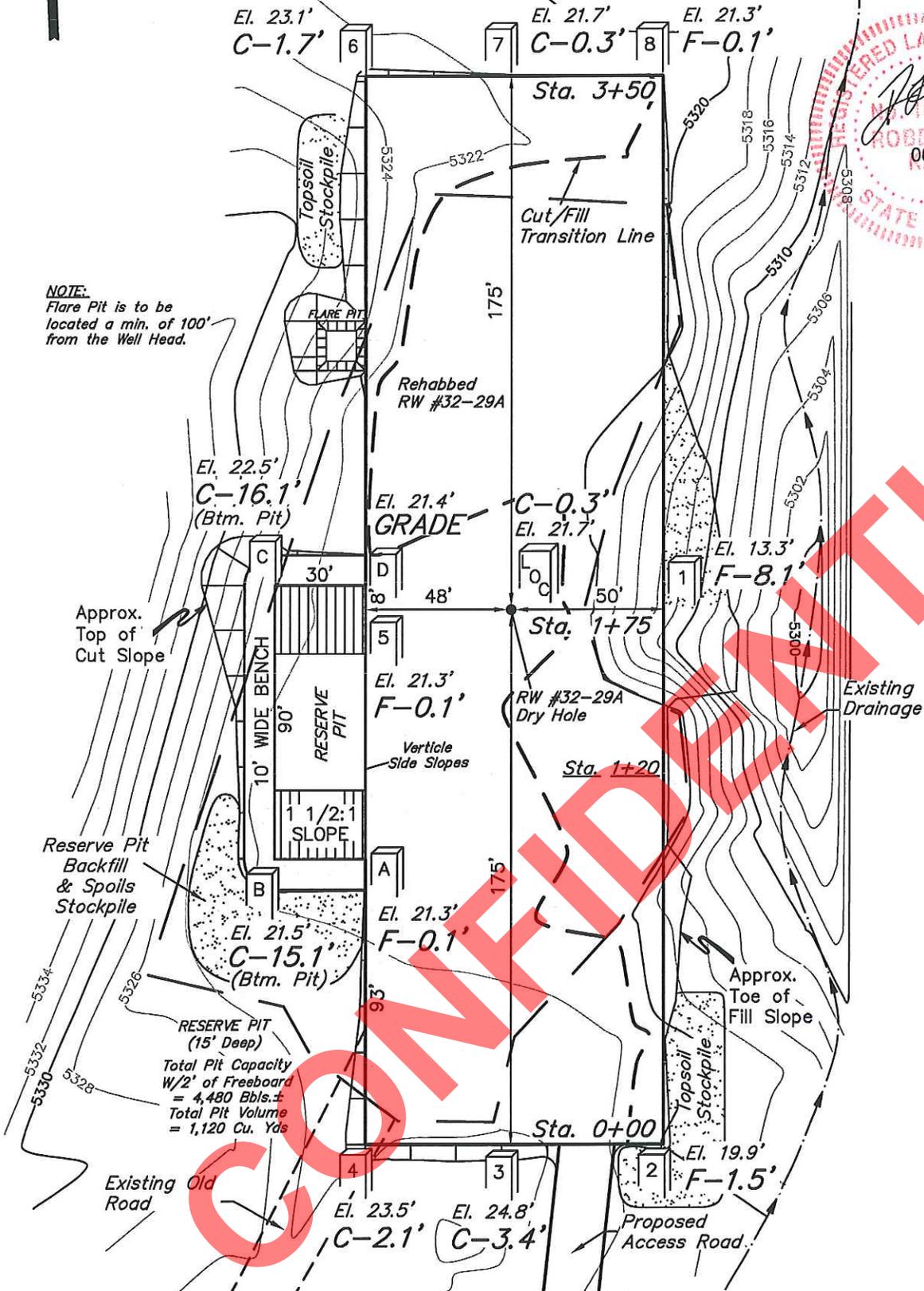
LOCATION LAYOUT FOR
 RW #32-29A (RE-ENTRY)
 SECTION 29, T7S, R22E, S.L.B.&M.
 1982' FNL 2028' FEL

FIGURE #1

SCALE: 1" = 50'
 DATE: 05-24-11
 DRAWN BY: K.O.



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



UNAPPROVED DRAFT

Elev. Ungraded Ground At Loc. Stake = 5321.7'
 FINISHED GRADE ELEV. AT LOC. STAKE = 5321.4'

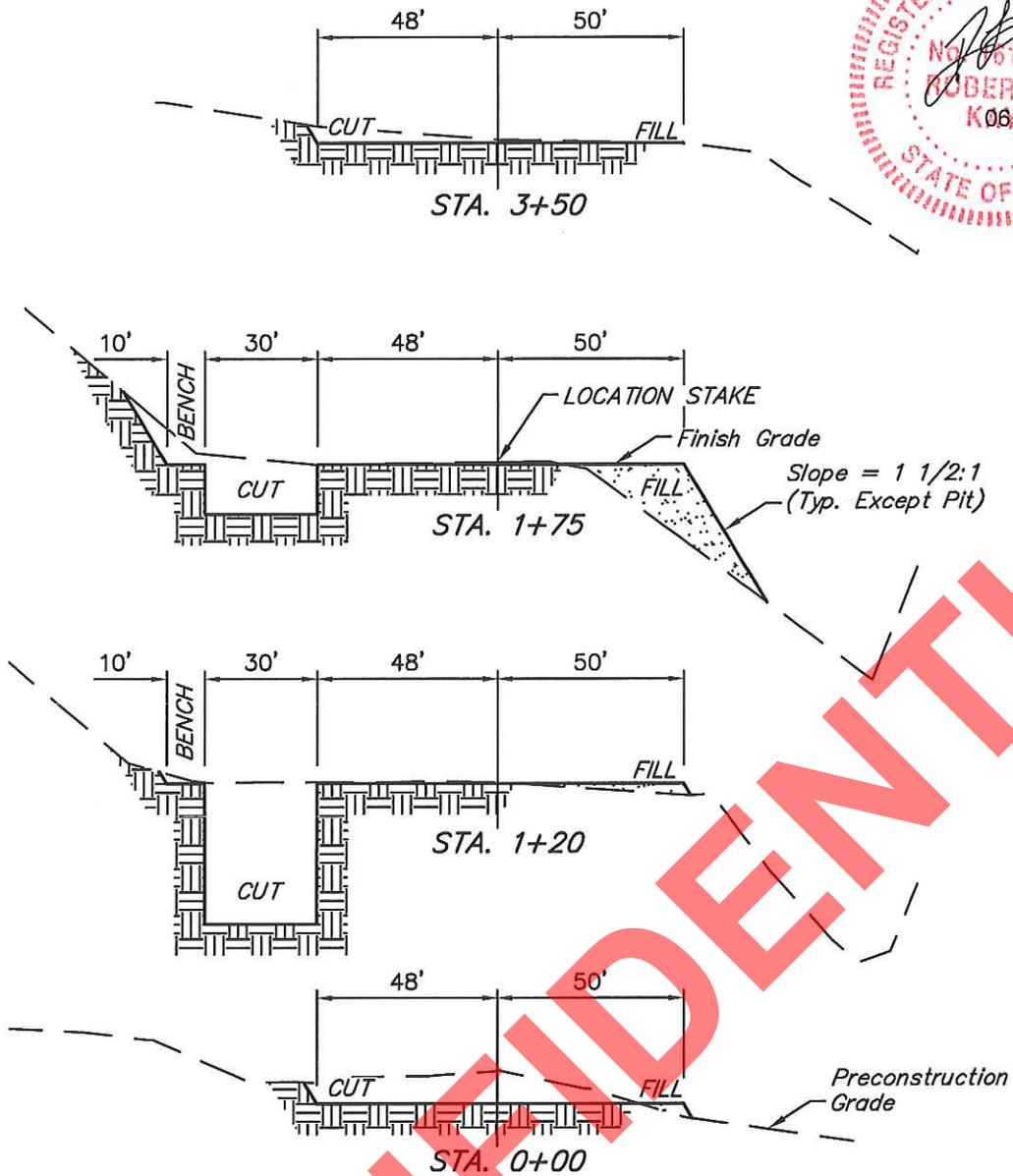
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FIGURE #2

TYPICAL CROSS SECTIONS FOR
 RW #32-29A (RE-ENTRY)
 SECTION 29, T7S, R22E, S.L.B.&M.
 1982' FNL 2028' FEL

X-Section Scale
 1" = 50'
 DATE: 05-25-11
 DRAWN BY: K.O.



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

APPROXIMATE ACREAGES
 WELL SITE DISTURBANCE = ± 1.002 ACRES
 ACCESS ROAD DISTURBANCE = ± 0.187 ACRES
 PIPELINE DISTURBANCE = ± 1.198 ACRES
 TOTAL = ± 2.387 ACRES

* NOTE:
 FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping	=	870 Cu. Yds.
Remaining Location	=	1,640 Cu. Yds.
TOTAL CUT	=	2,510 CU.YDS.
FILL	=	1,080 CU.YDS.

EXCESS MATERIAL	=	1,430 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	1,430 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	=	0 Cu. Yds.

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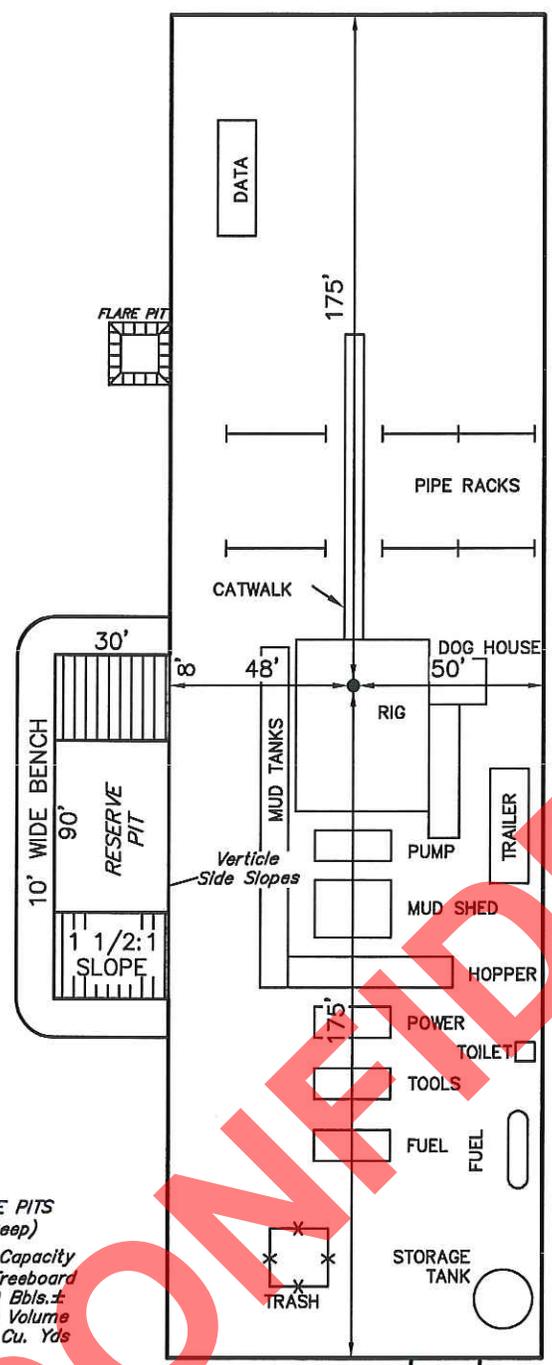
TYPICAL RIG LAYOUT FOR
 RW #32-29A (RE-ENTRY)
 SECTION 29, T7S, R22E, S.L.B.&M.
 1982' FNL 2028' FEL

FIGURE #3

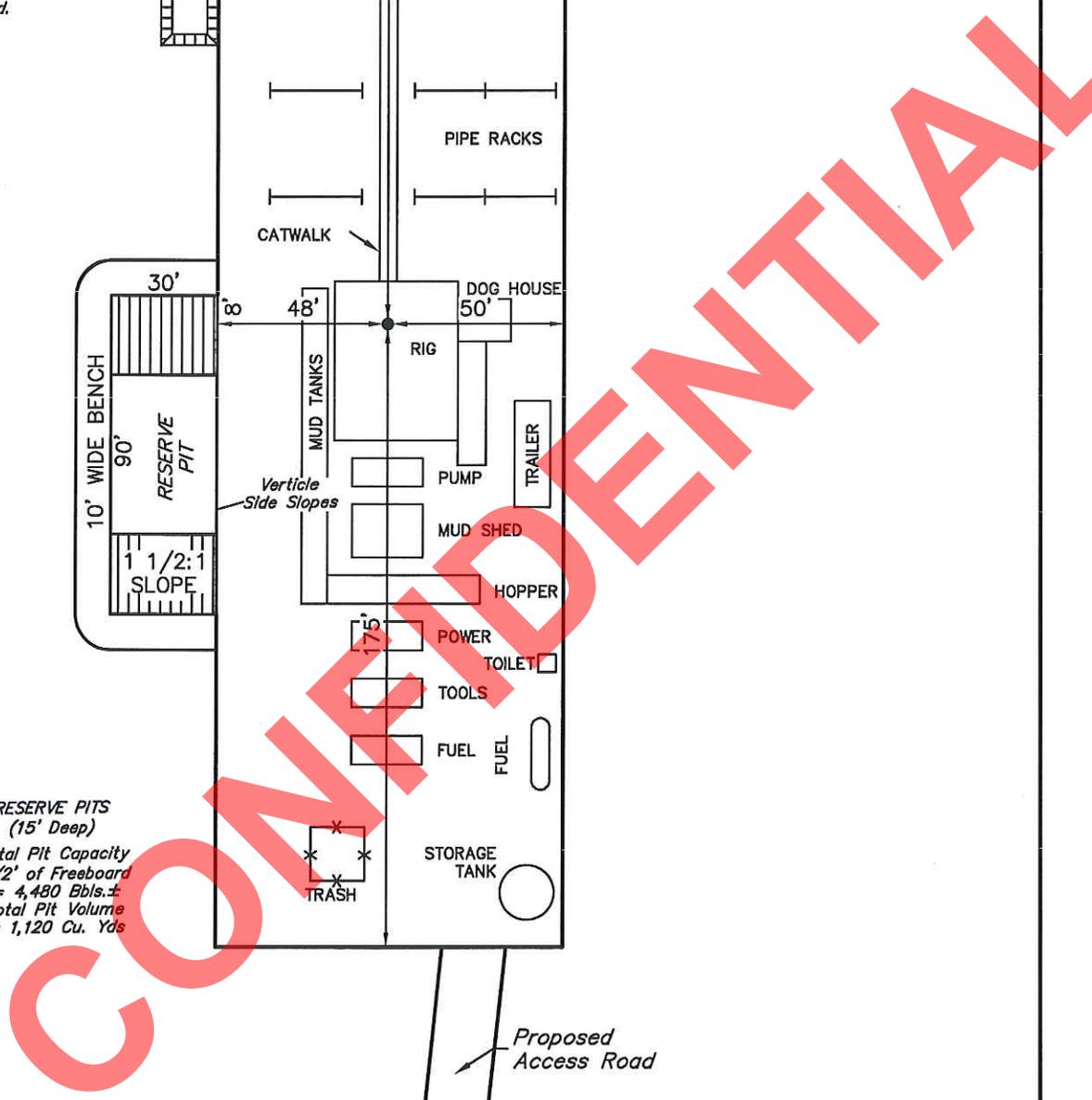
SCALE: 1" = 50'
 DATE: 05-25-11
 DRAWN BY: K.O.



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



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



QEP ENERGY COMPANY

PRODUCTION FACILITY LAYOUT FOR

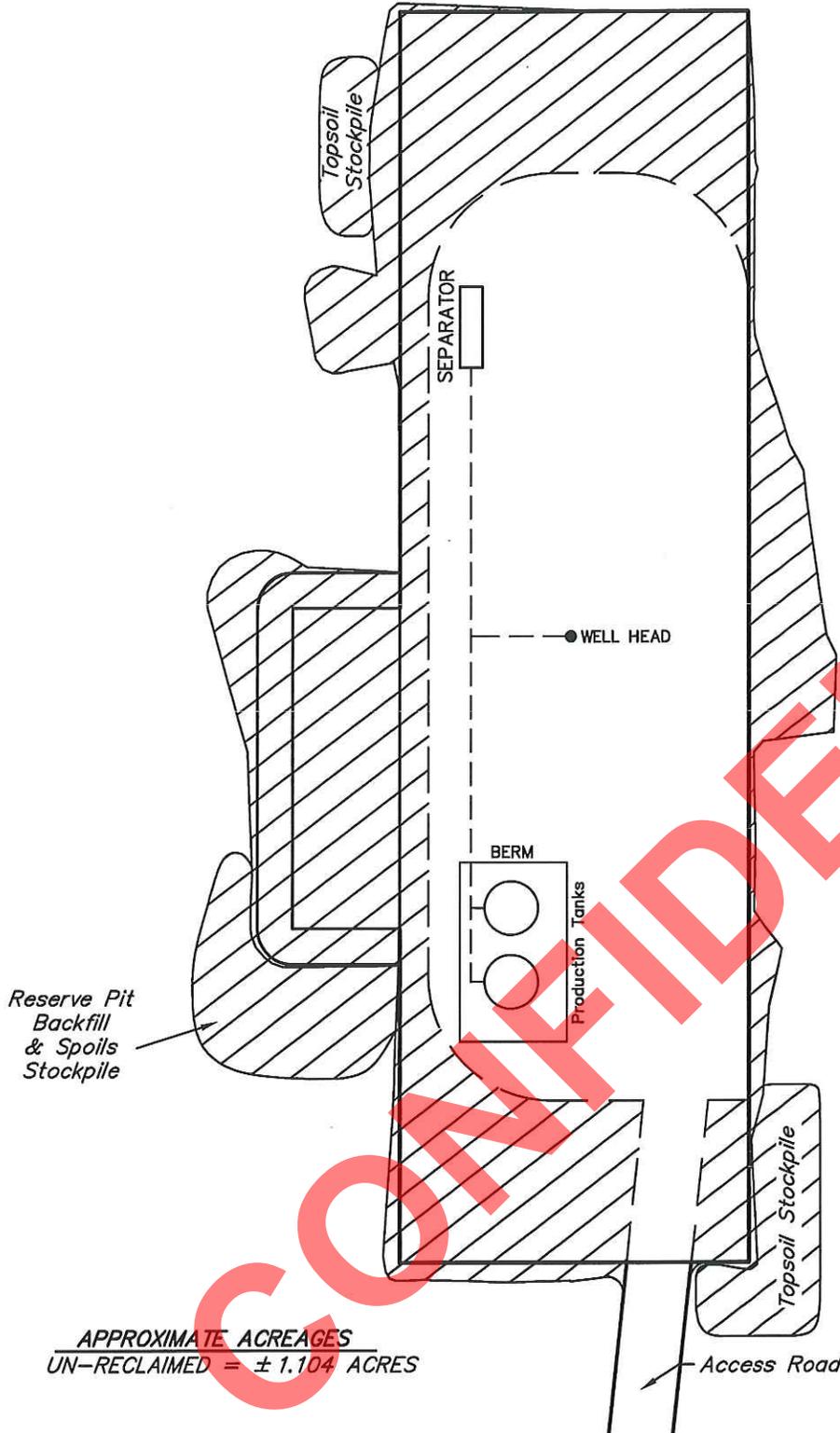
RW #32-29A (RE-ENTRY)
SECTION 29, T7S, R22E, S.L.B.&M.
1982' FNL 2028' FEL

FIGURE #4

SCALE: 1" = 60'

DATE: 05-24-11

DRAWN BY: K.O.



APPROXIMATE ACREAGES
UN-RECLAIMED = ± 1.104 ACRES

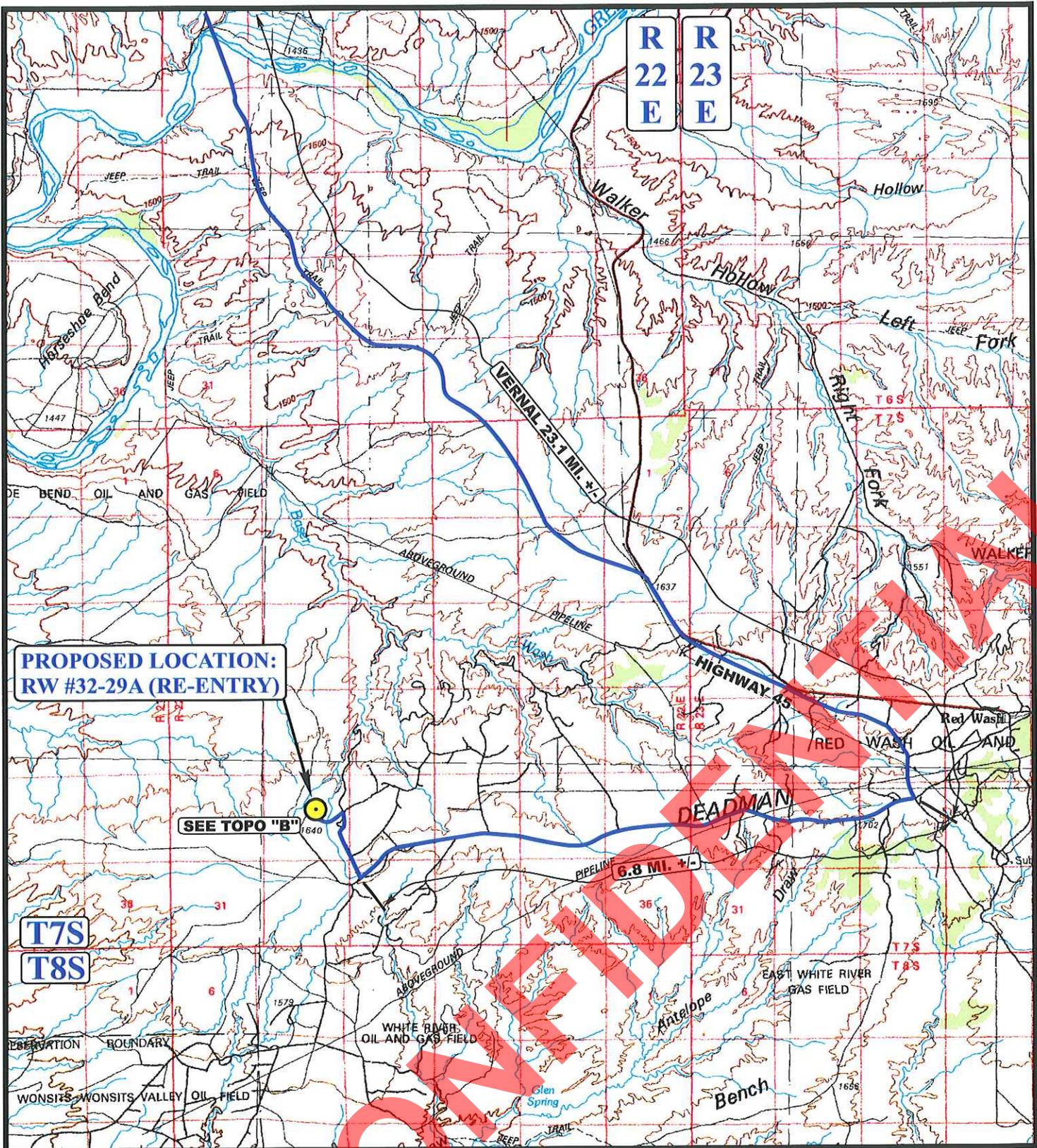
 RECLAIMED AREA

QEP ENERGY COMPANY
RW #32-29A (RE-ENTRY)
SECTION 29, T7S, R22E, 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 19.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 6.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.9 MILES TO THE BEGINNING OF THE PROPOSED ACCESS ROAD TO THE SOUTHWEST; FOLLOW ROAD FLAGS IN A SOUTHWESTERLY, THEN NORTHWESTERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 31.3 MILES.

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R
22
E

R
23
E

**PROPOSED LOCATION:
RW #32-29A (RE-ENTRY)**

SEE TOPO "B"

T7S
T8S

LEGEND:

PROPOSED LOCATION

QEP ENERGY COMPANY

**RW #32-29A (RE-ENTRY)
SECTION 29, T7S, R22E, S.L.B.&M.
1982' FNL 2028' FEL**



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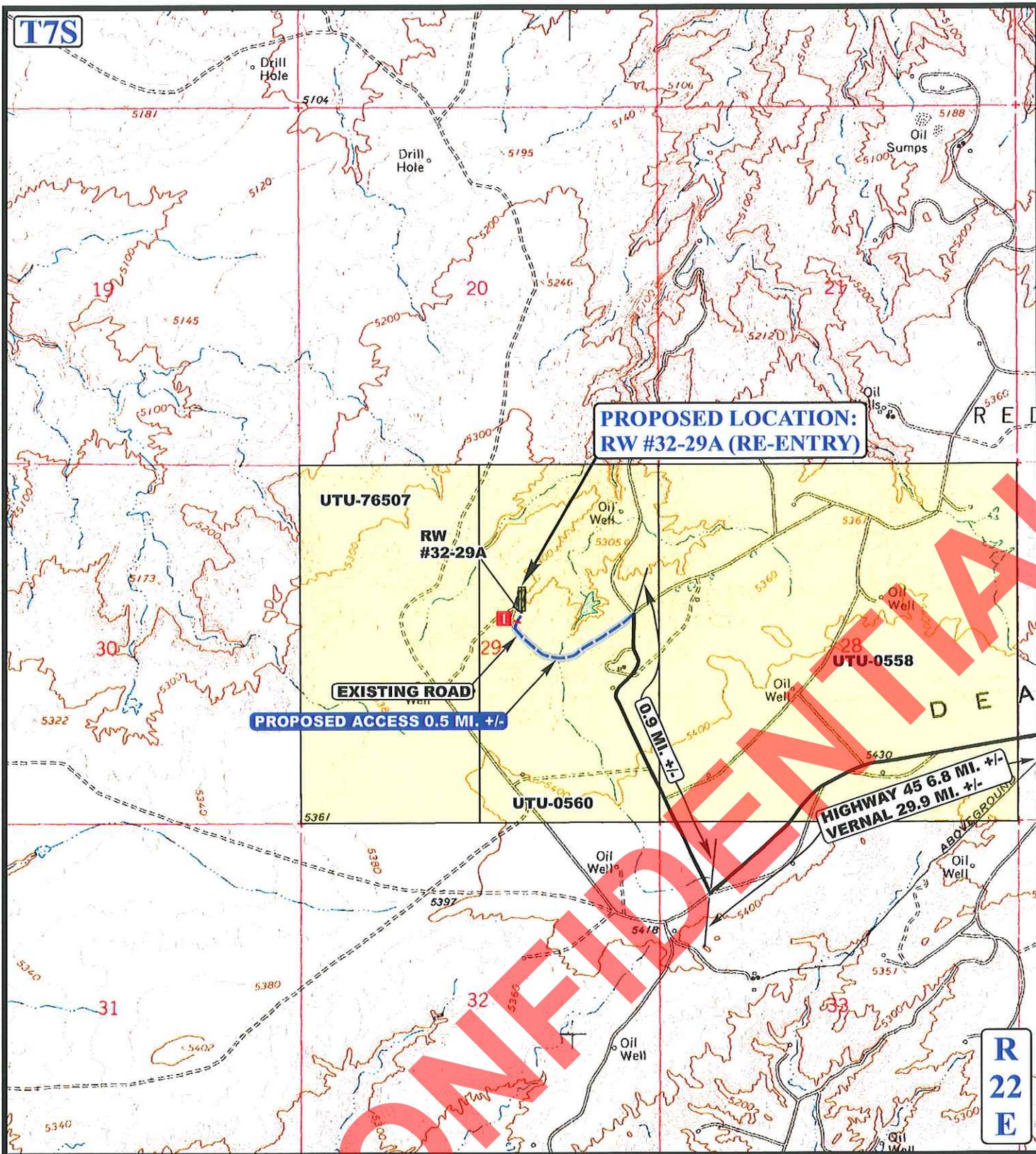


**ACCESS ROAD
MAP**

05 26 11
MONTH DAY YEAR



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



LEGEND:

- EXISTING ROAD
- PROPOSED ACCESS ROAD
- 18" CMP REQUIRED

QEP ENERGY COMPANY

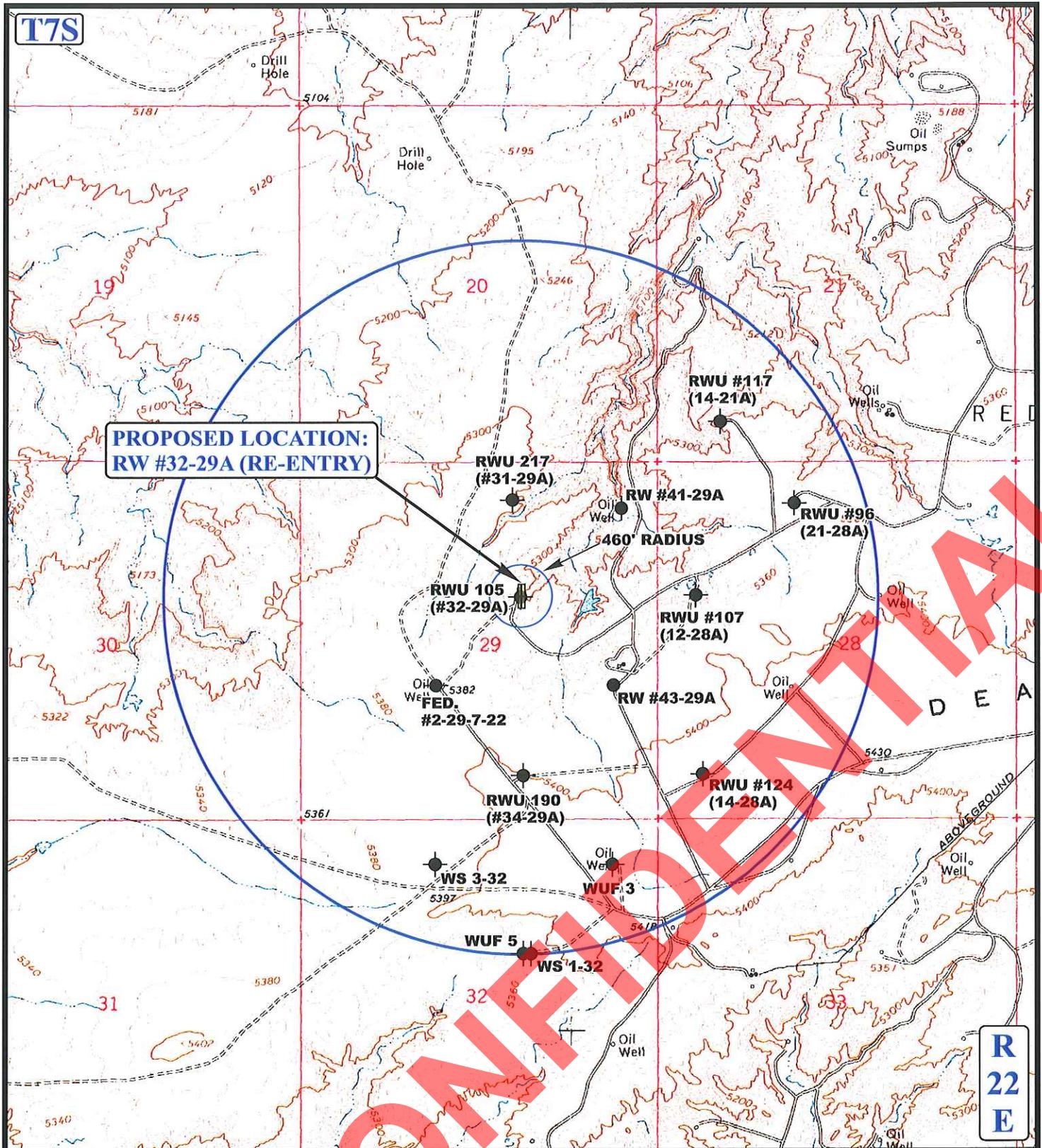
RW #32-29A (RE-ENTRY)
SECTION 29, T7S, R22E, S.L.B.&M.
1982' FNL 2028' FEL

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ACCESS ROAD MAP **05 26 11**
MONTH DAY YEAR

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





**PROPOSED LOCATION:
RW #32-29A (RE-ENTRY)**

QEP ENERGY COMPANY

**RW #32-29A (RE-ENTRY)
SECTION 29, T7S, R22E, S.L.B.&M.
1982' FNL 2028' FEL**

LEGEND:

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



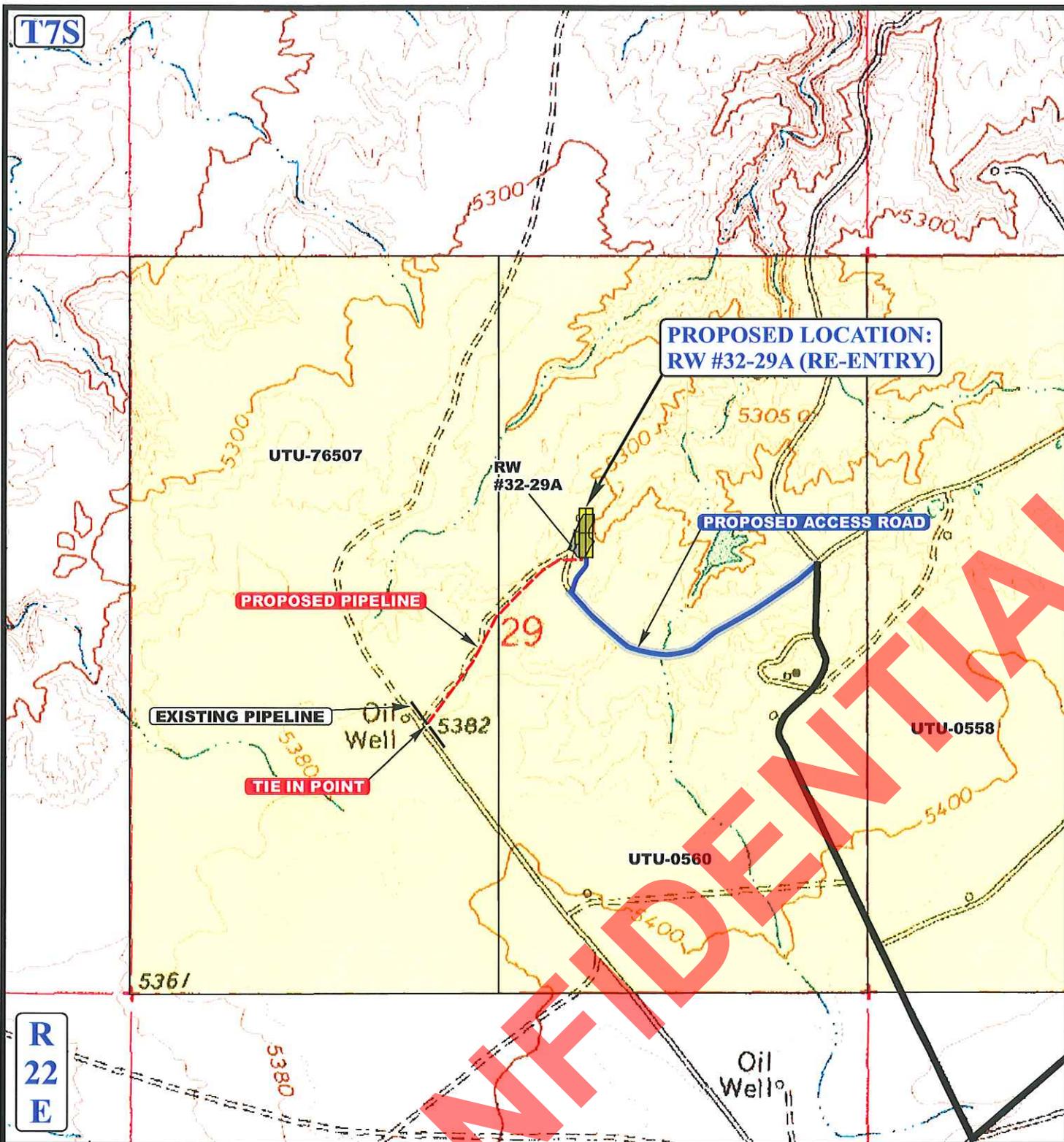
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**TOPOGRAPHIC
MAP**

05 26 11
MONTH DAY YEAR

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





APPROXIMATE TOTAL PIPELINE DISTANCE = 1,739' +/-

LEGEND:

- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED ACCESS



QEP ENERGY COMPANY

**RW #32-29A (RE-ENTRY)
SECTION 29, T7S, R22E, S.L.B.&M.
1982' FNL 2028' FEL**



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**TOPOGRAPHIC
MAP**

05 26 11
MONTH DAY YEAR

SCALE: 1" = 1000' DRAWN BY: J.L.G. REVISED: 00-00-00



Additional Operator Remarks

QEP Energy Company proposes to re-enter the existing plugged and abandoned well bore for the RW 32-29A and drill to a depth of 12, 248' 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.

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**QEP ENERGY COMPANY
RW 32-29A
1982' FNL 2028' FEL
SWNE SECTION 29, T7S, R22E
UINTAH COUNTY, UTAH
LEASE # UTU-0560**

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

An onsite inspection was conducted for the RW 32-29A on July 21, 2011. Weather conditions were cloudy 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
Melissa Wardle	Bureau of Land Management
Daniel Emmett	Bureau of Land Management
Brandon McDonald	Bureau of Land Management
Jan Nelson	QEP Energy Company
Ryan Angus	QEP Energy Company
Valyn Davis	QEP Energy Company
Bob Haygood	QEP Energy Company
Andy Floyd	Uintah Engineering & Land Surveying

1. Existing Roads:

The proposed well site is approximately 31 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.

There will be a new access road approximately 271.5' in length, containing approximately .187 acres. The access road will be crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30'. Any additional disturbance required due to intersections or sharp curves will be discussed at the on-site and approved by the BLM/VFO AO. 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. Surface disturbance and vehicular traffic will be limited to the approved location and access route or, as proposed by the Operator.

Access roads and surface disturbing activities will conform to standards outlined in the BLM and Forest Service publication: Surface Operating Standards for Oil and gas Exploration and Development, Fourth Edition 2006. The road surface and shoulders will be kept in a safe and usable condition and will be maintained in accordance with the original construction standards. All drainage ditches and culverts will be kept clear and free-flowing and will be maintained according to original construction standards. The access road disturbed area will be kept free of trash during operations. All traffic will be confined to the approved road running surface. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause excess siltation or accumulation of debris in the drainage nor shall the drainage be blocked by the roadbed. If culverts are needed, the location and size of the culverts will be proposed during the on-site. The operator will clean and maintain approved culverts as needed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Should mud holes develop, the holes shall be filled in and detours around the holes avoided. When snow is removed from the road during the winter months, the snow should be pushed outside of the borrow ditches, and the turnouts kept clear so that snowmelt will be channeled away from the road.

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

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.

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

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

Upon completion of stringing activities the Permittee will fabricate the pipeline on wooden skids adjacent to the centerline of the pipeline route using truck mounted welding machines. All fabricated piping will be lowered off of the wooden skids and placed along the centerline. Upon completion of all activities, the wooden skids will be removed from the pipeline route using a flatbed truck or flatbed truck and trailer.

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

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

The proposed pipeline will be a surface 10" or smaller, 1,739' in length, containing 1.198 acres.

Road Crossings

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

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

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

5. Location and Type of Water Supply:

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

Water for drilling purposes would be obtained from Wonsits Valley Water Right # A 36125 (which was filed on May 7, 1964) or Red Wash Water Right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System.

6. Source of Construction Materials:

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

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

Any gravel will be obtained from a commercial source.

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

7. Methods of Handling Waste Materials:

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

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

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

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

It will be determined at the on-site inspection if a pit liner is necessary, the reserve pit will be lined with a synthetic reinforced liner, a minimum of 20 millimeters thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place.

No trash or scrap will be disposed of in the pit.

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

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

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

Red Wash Disposal well located in the SESE, Section 28, T7S, R23E,
West End Disposal located in the NESE, Section 28, T7S, R22E.

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

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

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

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

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

8. Ancillary Facilities:

None anticipated.

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

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

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

The reserve pit.

The stockpiled topsoil will not be used for facility berms. All brush removed from the well pad during construction will be stockpiled with topsoil.

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

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

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

10. 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 and Weed Data Sheet will be filed at a later date.

It was determined and agreed upon that there is 4" inches of top soil.

12. Surface Ownership:

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

13. Other Information:

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted on July 15, 2011, **Moac Report No. 11-164** 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 June 25, 2011 IPC # 11-86 by Stephen D. Sandau. The inspection resulted in the location of no fossil resources. However, if vertebrate fossil(s) are found during construction a paleontologist should be immediately notified. QEP Energy Company will provide Paleo monitor if needed.

Per the onsite on July 21, 2011, the following items were requested/ discussed.

There is a Ferruginous Hawk Stipulation from March 1 to August 1. No construction or drilling will commence during this period unless otherwise determined by a wildlife biologist that the site is inactive.

If unused, the 2" pipeline along access road will be removed during construction.

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Lessee's or Operator's Representative & Certification:

Valyn Davis
Regulatory Affairs Analyst
QEP Energy Company
11002 East 17500 South
Vernal, UT 84078
(435) 781-4369

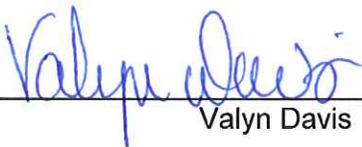
Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

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

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

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


Valyn Davis

8/16/2011
Date

CONFIDENTIAL

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)

August 19, 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 calendar year 2011 within the Red Wash Unit, Uintah County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ MESA VERDE)		
43-047-15175	RW 12-29B	Sec 29 T07S R23E 1978 FNL 0663 FWL *
43-047-16487	RW 32-29A	Sec 29 T07S R22E 1982 FNL 2028 FEL *
43-047-51876	RW 16C1-13A	Sec 13 T07S R22E 0485 FSL 0835 FEL
43-047-51885	RW 13B4-19B	Sec 19 T07S R23E 0818 FSL 0445 FWL
43-047-51886	RW 14B4-17B	Sec 17 T07S R23E 0621 FSL 1915 FWL

* Re-entry and deepening of existing P&A'd Green River Well

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: 2011.08.19 10:43:37 -06'00'

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

MCoulthard:mc:8-19-11

RECEIVED: August 22, 2011

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 8/16/2011

API NO. ASSIGNED: 43047164870000

WELL NAME: RWU 105 (32-29A)

OPERATOR: QEP ENERGY COMPANY (N3700)

PHONE NUMBER: 435 781-4369

CONTACT: Valyn Davis

PROPOSED LOCATION: SWNE 29 070S 220E

Permit Tech Review:

SURFACE: 1982 FNL 2028 FEL

Engineering Review:

BOTTOM: 1982 FNL 2028 FEL

Geology Review:

COUNTY: UINTAH

LATITUDE: 40.18429

LONGITUDE: -109.46093

UTM SURF EASTINGS: 631027.00

NORTHINGS: 4449138.00

FIELD NAME: RED WASH

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU0560

PROPOSED PRODUCING FORMATION(S): MESA VERDE

SURFACE OWNER: 1 - Federal

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

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

Commingling Approved

LOCATION AND SITING:

- R649-2-3.
- Unit: RED WASH
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: Cause 187-07
- Effective Date: 9/18/2001
- Siting: Suspends General Siting
- R649-3-11. Directional Drill

Comments: Presite Completed
640630 CONV WIW:641008 COMM WIW:830317 FR P0179: 930804 INT PA:940217 6MO PA EXT:000907 OP FR N0210 EFF 1-1-00:

Stipulations: 4 - Federal Approval - dmason



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: RWU 105 (32-29A)
API Well Number: 43047164870000
Lease Number: UTU0560
Surface Owner: FEDERAL
Approval Date: 8/24/2011

Issued to:

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

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 187-07. The expected producing formation or pool is the MESA VERDE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

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

Conditions of Approval:

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

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

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

OR

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

Reporting Requirements:

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

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month

- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

Approved By:

A handwritten signature in black ink, appearing to read "John Rogers", written in a cursive style.

For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU0560																														
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: RWU 105 (32-29A)																															
2. NAME OF OPERATOR: QEP ENERGY COMPANY	9. API NUMBER: 43047164870000																															
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: 1982 FNL 2028 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 29 Township: 07.0S Range: 22.0E 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																															
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. QEP ENERGY COMPANY REQUESTS TO CHANGE THE NAME ON THE ABOVE CAPTIONED WELL- FROM: RWU 105(32-29A) TO: RW 32-29A.																																
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY																																
NAME (PLEASE PRINT) Valyn Davis	PHONE NUMBER 435 781-4369	TITLE Regulatory Affairs Analyst																														
SIGNATURE N/A	DATE 8/31/2011																															

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

AUG 26 2011

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work: <input type="checkbox"/> DRILL <input checked="" type="checkbox"/> REENTER		CONFIDENTIAL	5. Lease Serial No. UTU0560
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/> Single Zone <input checked="" type="checkbox"/> Multiple Zone			6. If Indian, Allottee or Tribe Name
2. Name of Operator QEP ENERGY COMPANY		Contact: VALYN DAVIS E-Mail: Valyn.Davis@qepres.com	7. If Unit or CA Agreement, Name and No. 892000761X
3a. Address 11002 EAST 17500 SOUTH VERNAL, UT 84078		3b. Phone No. (include area code) Ph: 435-781-4369 Fx: 435-781-4395	8. Lease Name and Well No. RW 32-29A
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface SWNE 1982FNL 2028FEL 40.184286 N Lat, 109.461717 W Lon At proposed prod. zone SWNE 1982FNL 2028FEL 40.184286 N Lat, 109.461717 W Lon		14. Distance in miles and direction from nearest town or post office* 31	9. API Well No. 43-047-110487
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 1982		16. No. of Acres in Lease 640.00	10. Field and Pool, or Exploratory RED WASH
17. Spacing Unit dedicated to this well 40.00		11. Sec., T., R., M., or Blk. and Survey or Area Sec 29 T7S R22E Mer SLB	12. County or Parish UINTAH
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 1800		19. Proposed Depth 12248 MD 12248 TVD	13. State UT
20. BLM/BIA Bond No. on file ESB000024		21. Elevations (Show whether DF, KB, RT, GL, etc.) 5322 GL	22. Approximate date work will start 07/01/2012
23. Estimated duration 30 DAYS		24. Attachments	

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

- | | |
|--|--|
| <ul style="list-style-type: none"> 1. Well plat certified by a registered surveyor. 2. A Drilling Plan. 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office). | <ul style="list-style-type: none"> 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). 5. Operator certification 6. Such other site specific information and/or plans as may be required by the authorized officer. |
|--|--|

25. Signature (Electronic Submission)	Name (Printed/Typed) VALYN DAVIS Ph: 435-781-4369	Date 08/16/2011
--	--	--------------------

Title
REGULATORY AFFAIRS ANALYST

Approved by (Signature) 	Name (Printed/Typed) Jerry Kenczka	Date JAN 17 20
-----------------------------	--	--------------------------

Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE
---	-------------------------------

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

CONDITIONS OF APPROVAL ATTACHED

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

Electronic Submission #115313 verified by the BLM Well Information System
For QEP ENERGY COMPANY, sent to the Vernal
Committed to AFMSS for processing by LESLIE ROBINSON on 08/29/2011

RECEIVED

JAN 27 2012

DIV. OF OIL, GAS & MINING

NOTICE OF APPROVAL

UDOGM

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

115XG1143A9

NAS 7-11-11

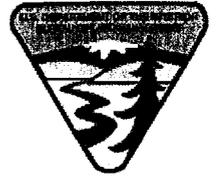


UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: QEP Energy Company
Well No: RW 32-29A
API No: 43-047-16487

Location: SWNE, Sec. 29, T7S, R22E
Lease No: UTU-0560
Agreement: Red Wash

OFFICE NUMBER: (435) 781-4400

OFFICE FAX NUMBER: (435) 781-3420

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

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

NOTIFICATION REQUIREMENTS

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

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

- All vehicles and equipment shall be cleaned either through power-washing, or other approved method, if the vehicles or equipment were brought in from areas outside the Uinta Basin, to prevent weed seed introduction.
- All disturbance areas shall be monitored for noxious weeds annually, for a minimum of three growing seasons following completion of project or until desirable vegetation is established.
- Reclamation will be completed in accordance with the Questar Exploration and Production Company, Uintah Basin Division's Reclamation Plan on file with the Vernal Field Office of the BLM.
- In the event historic or archaeological resources are uncovered during construction, work will stop immediately and the appropriate BLM AO will be notified.
- If paleontologic resources are uncovered during construction activities, the operator shall immediately suspend all operations that will further disturb such resources, and immediately notify the Authorized Officer (AO). The AO will arrange for a determination of significance and, if necessary, recommend a recovery or avoidance plan.
- Scientifically important fossils were found at well sites, RW 22-17B (IPC #11-22, June 3, 2011) and RW 34-14A(IPC #11-60, July 7, 2011). Due to the number of fossils found during the survey for RW-22-17B, a permitted paleontologist will be present to monitor the beginning of the construction process for the well pad, and thereafter conduct a spot monitor as determined by the permitted paleontologist. For well location RW-34-14A, a permitted paleontologist will be required to monitor all construction.
- QEP has agreed not to construct or drill during the following dates, unless otherwise approved by the BLM Authorized Officer.

Well Name	Burrowing Owl March 1 to August 31	Red Tailed Hawk March 1 to August 15	Ferruginous Hawk March 1 to August 1	Golden Eagle January 1 to August 31
RW 12-29B	Yes	Yes	No	No
RW 22-17B	No	No	No	No
RW 22-22A	No	No	No	No
RW 32-25A	No	No	No	No
RW 32-29A	No	No	Yes	No
RW 33-20A	Yes	Yes	No	Yes
RW 34-14A	No	Yes	No	No
RW 41-35A	Yes	No	No	No
RW 43-13A	No	No	No	No
RW 43-19B	No	No	No	No

- All internal combustion equipment will be kept in good working order.
- Water or other approved dust suppressants will be used at construction sites and along roads, as determined appropriate by the Authorized Officer.

- Open burning of garbage or refuse will not occur at well sites or other facilities.
- Drill rigs will be equipped with Tier II or better diesel engines.
- Low bleed pneumatics will be installed on separator dump valves and other controllers. The use of low bleed pneumatics will result in a lower emission of VOCs.
- During completion, flaring will be limited as much as possible. Production equipment and gathering lines will be installed as soon as possible.
- Well site telemetry will be utilized as feasible for production operations.
- Following well plugging and abandonment, the location, access roads, pipelines, and other facilities shall be reclaimed. All disturbed surfaces shall be reshaped to approximate the original contour; the top soil respread over the surface; and, the surface revegetated. The surface of approved staging areas where construction activities did not occur may require disking or ripping and reseeded.
- The best method to avoid entrainment is to pump from an off-channel location – one that does not connect to the river during high spring flows. An infiltration gallery constructed in a BLM and Service approved location is best.
- If the pump head is located in the river channel where larval fish are known to occur, the following measures apply:
 - do not situate the pump in a low-flow or no-flow area as these habitats tend to concentrate larval fishes;
 - limit the amount of pumping, to the greatest extent possible, during that period of the year when larval fish may be present (April 1 to August 31); and
 - limit the amount of pumping, to the greatest extent possible, during the pre-dawn hours as larval drift studies indicate that this is a period of greatest daily activity.
- Screen all pump intakes with 3/32" mesh material.
- Approach velocities for intake structures will follow the National Marine Fisheries Service's document "Fish Screening Criteria for Anadromous Salmonids". For projects with an in-stream intake that operate in stream reaches where larval fish may be present, the approach velocity will not exceed 0.33 feet per second (ft/s).
- Report any fish impinged on the intake screen to the Service (801.975.3330) and the Utah Division of Wildlife Resources:
 - Northeastern Region
 - 152 East 100 North, Vernal, UT 84078
 - Phone: (435) 781-9453

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

SITE SPECIFIC DOWNHOLE COAs:

- The Operator shall comply with all applicable laws and regulations; with lease terms, Onshore Oil and Gas Orders, NTL's; and with other orders and instructions of the authorized officer.

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

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

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

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

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- For information regarding production reporting, contact the Office of Natural Resources Revenue (ONRR) at www.ONRR.gov.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location ($\frac{1}{4}$ $\frac{1}{4}$, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs,

core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

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

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU0560
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 32-29A
2. NAME OF OPERATOR: QEP ENERGY COMPANY	9. API NUMBER: 43047164870000
3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078	PHONE NUMBER: 303 308-3068 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1982 FNL 2028 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 29 Township: 07.0S Range: 22.0E Meridian: S	9. FIELD and POOL or WILDCAT: RED WASH COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/24/2013	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

QEP ENERGY COMPANY HEREBY REQUESTS A ONE YEAR EXTENSION ON THE APD FOR THE ABOVE CAPTIONED WELL.

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

Date: August 28, 2012

By: 

NAME (PLEASE PRINT) Valyn Davis	PHONE NUMBER 435 781-4369	TITLE Regulatory Affairs Analyst
SIGNATURE N/A	DATE 8/23/2012	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047164870000

API: 43047164870000

Well Name: RW 32-29A

Location: 1982 FNL 2028 FEL QTR SWNE SEC 29 TWP 070S RNG 220E MER S

Company Permit Issued to: QEP ENERGY COMPANY

Date Original Permit Issued: 8/24/2011

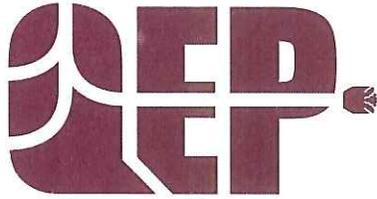
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which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

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

Signature: Valyn Davis

Date: 8/23/2012

Title: Regulatory Affairs Analyst Representing: QEP ENERGY COMPANY



QEP Energy Company

11002 East 17500 South
Vernal, UT 84078
Telephone 435-781-4331
Fax 435-781-4395

ian.nelson@qepres.com

November 27, 2012

Ms. Diana Mason
Division of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, UT 84114-6100

RE: Directional Drilling R649-3-11
Red Wash Unit

RW 32-29A

1982' FNL, 2028' FEL, SWNE, SECTION 29, T7S, R22E (Surface)
2213' FNL, 2263' FEL, SWNE, SECTION 29, T7S, R22E (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,

A handwritten signature in black ink that reads "Jan Nelson". The signature is written in a cursive style with a large, looping initial 'J'.

Jan Nelson
Permit Agent

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9 5. LEASE DESIGNATION AND SERIAL NUMBER: UTU0560
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 32-29A
2. NAME OF OPERATOR: QEP ENERGY COMPANY	9. API NUMBER: 43047164870000
3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078	PHONE NUMBER: 303 308-3068 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1982 FNL 2028 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 29 Township: 07.0S Range: 22.0E Meridian: S	9. FIELD and POOL or WILDCAT: RED WASH COUNTY: UINTAH STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 4/1/2013 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>

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

THIS IS A RE-ENTRY OF A PLUGGED AND ABANDONED WELL. QEP ENERGY COMPANY REQUESTS TO CHANGE THE DRILLING PLAN ON THE ABOVE MENTIONED WELL. DRILLING BELOW SURFACE CASING WILL BE WITH WATER BASED DRILLING FLUIDS CONSISTING PRIMARILY OF FRESH WATER, BENTONITE, LIGNITE, CAUSTIC, LIME SODA ASH AND POLYMER. NO CHROMATES WILL BE USED. IT IS NOT INTENDED TO USE OIL IN THE MUD, HOWEVER, IN THE EVENT IT IS USED, OIL CONCENTRATION WILL BE LESS THAN 4% BY VOLUME. MAXIMUM ANTICIPATED MUD WEIGHT IS 9.5 PPG. QEP WOULD LIKE TO OPTIMIZE THE BOTTOM HOLE SPACING OF THE MESA VERDE DEVELOPMENT, THEREFORE, QEP WOULD LIKE TO DRILL THIS WELL WITH A **SMALL STEP OUT** OF +/- 330', BOTTOM HOLE FOOTAGES ARE: 2213' FNL, 2263' FEL, SWNE, SEC. 29, T7S, R22E, 40.183653 LAT, 109.462556 LON. QEP REQUESTS TO CHANGE THE **TD TO 12,278'**.

Approved by the Utah Division of Oil, Gas and Mining

Date: December 12, 2012

By:

NAME (PLEASE PRINT) Jan Nelson	PHONE NUMBER 435 781-4331	TITLE Permit Agent
SIGNATURE N/A	DATE 11/27/2012	

T7S, R22E, S.L.B.&M.

QEP ENERGY COMPANY

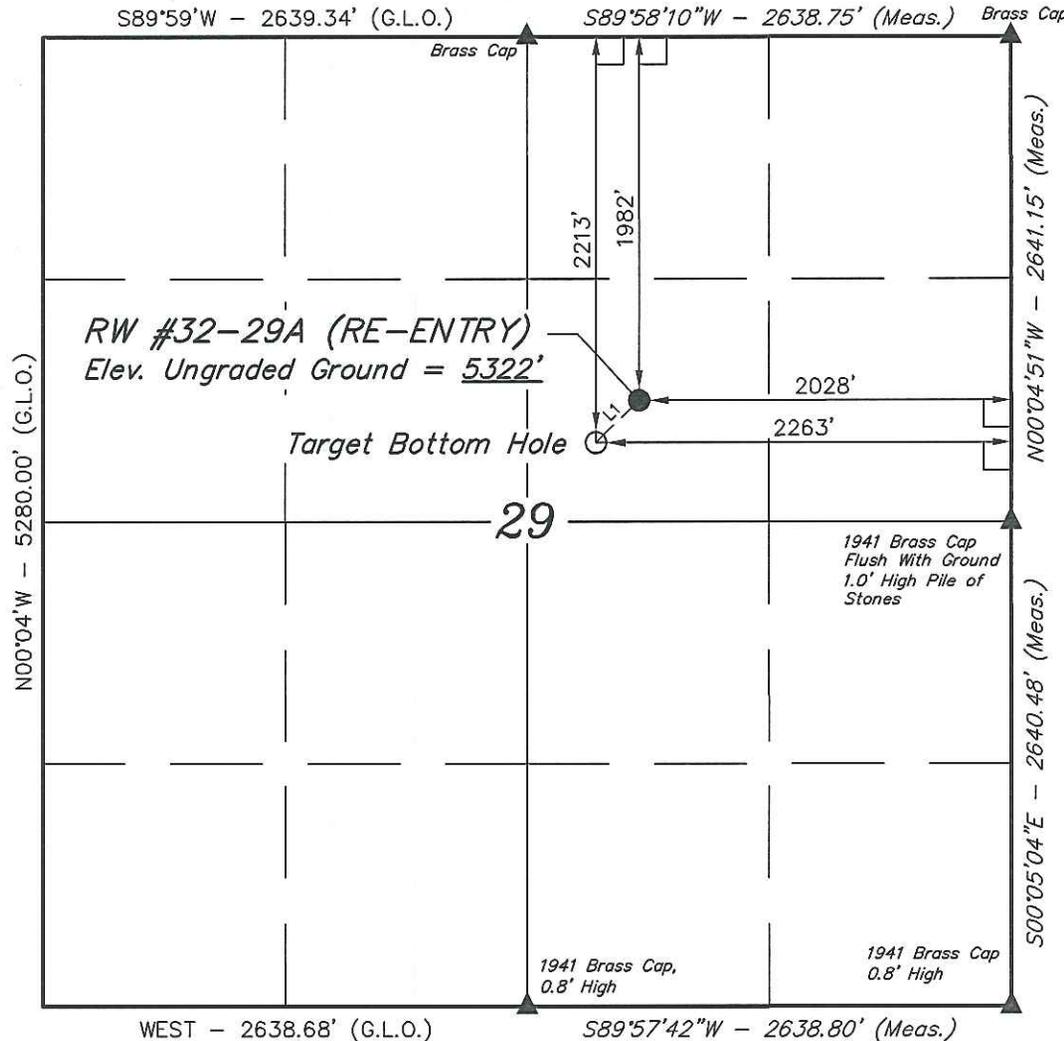
Well location, RW #32-29A (RE-ENTRY), located as shown in the SW 1/4 NE 1/4 of Section 29, T7S, R22E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

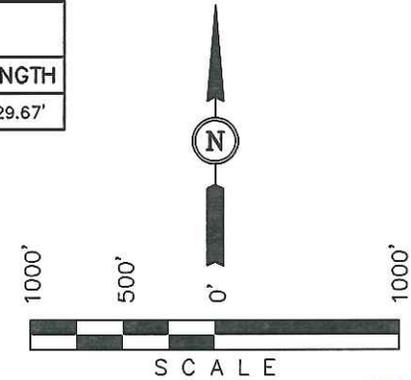
BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

BASIS OF BEARINGS

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



LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S45°21'58\"W	329.67'



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.

ROBERT L. KAY
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH
 10-15-12

REV: 10-11-12

UINTAH ENGINEERING & LAND SURVEYING

85 SOUTH 200 EAST - VERNAL, UTAH 84078

(435) 789-1017

LEGEND:

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

NAD 83 (TARGET BOTTOM HOLE)		NAD 83 (SURFACE LOCATION)	
LATITUDE = 40°11'01.15" (40.183653)	LONGITUDE = 109°27'45.20" (109.462556)	LATITUDE = 40°11'03.43" (40.184286)	LONGITUDE = 109°27'42.18" (109.461717)
NAD 27 (TARGET BOTTOM HOLE)		NAD 27 (SURFACE LOCATION)	
LATITUDE = 40°11'01.28" (40.183689)	LONGITUDE = 109°27'42.73" (109.461869)	LATITUDE = 40°11'03.56" (40.184322)	LONGITUDE = 109°27'39.70" (109.461028)

SCALE 1" = 1000'	DATE SURVEYED: 05-19-11	DATE DRAWN: 05-24-11
PARTY A.F. B.A. K.O.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE QEP ENERGY COMPANY	



QEP Energy Company

QEP ENERGY (UT)

Red Wash

RW 32-29A

RW 32-29A

Re-Entry

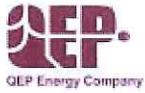
Plan: Plan ver.0

Standard Planning Report

01 October, 2012



QEP Energy Company



QEP Resources, Inc.
Planning Report



Database:	EDMDB_QEP	Local Co-ordinate Reference:	Well RW 32-29A
Company:	QEP ENERGY (UT)	TVD Reference:	RKB @ 5335.40usft (AZTEC 781)
Project:	Red Wash	MD Reference:	RKB @ 5335.40usft (AZTEC 781)
Site:	RW 32-29A	North Reference:	True
Well:	RW 32-29A	Survey Calculation Method:	Minimum Curvature
Wellbore:	Re-Entry		
Design:	Plan ver.0		

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

Site	RW 32-29A				
Site Position:		Northing:	7,242,339.860 usft	Latitude:	40.184286
From:	Lat/Long	Easting:	2,209,833.822 usft	Longitude:	-109.461717
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	1.31 °

Well	RW 32-29A					
Well Position	+N/-S	-0.01 usft	Northing:	7,242,339.851 usft	Latitude:	40.184286
	+E/-W	0.00 usft	Easting:	2,209,833.823 usft	Longitude:	-109.461717
Position Uncertainty		0.00 usft	Wellhead Elevation:	5,321.40 usft	Ground Level:	5,321.40 usft

Wellbore	Re-Entry				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	10/1/2012	10.92	65.99	52,302

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	225.37

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	
5,973.00	0.00	0.00	5,973.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,073.00	0.00	0.00	6,073.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,862.93	15.80	247.62	6,852.96	-41.20	-100.07	2.00	2.00	0.00	247.62	
7,286.01	15.80	247.62	7,260.06	-85.06	-206.58	0.00	0.00	0.00	0.00	
8,339.25	0.00	0.00	8,300.00	-140.00	-340.00	1.50	-1.50	0.00	180.00	
9,874.25	0.00	0.00	9,835.00	-140.00	-340.00	0.00	0.00	0.00	0.00	
10,107.58	3.50	131.00	10,068.19	-144.67	-334.62	1.50	1.50	0.00	131.00	
12,278.44	3.50	131.00	12,235.00	-231.62	-234.60	0.00	0.00	0.00	0.00	



QEP Resources, Inc.
Planning Report



Database:	EDMDB_QEP	Local Co-ordinate Reference:	Well RW 32-29A
Company:	QEP ENERGY (UT)	TVD Reference:	RKB @ 5335.40usft (AZTEC 781)
Project:	Red Wash	MD Reference:	RKB @ 5335.40usft (AZTEC 781)
Site:	RW 32-29A	North Reference:	True
Well:	RW 32-29A	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	0.00
5,973.00	0.00	0.00	5,973.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,073.00	0.00	0.00	6,073.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6,862.93	15.80	247.62	6,852.96	-41.20	-100.07	100.16	2.00	2.00	0.00	0.00
7,286.01	15.80	247.62	7,260.06	-85.06	-206.58	206.77	0.00	0.00	0.00	0.00
8,339.25	0.00	0.00	8,300.00	-140.00	-340.00	340.31	1.50	-1.50	0.00	0.00
9,874.25	0.00	0.00	9,835.00	-140.00	-340.00	340.31	0.00	0.00	0.00	0.00
10,107.58	3.50	131.00	10,068.19	-144.67	-334.62	339.77	1.50	1.50	0.00	0.00
12,278.44	3.50	131.00	12,235.00	-231.62	-234.60	329.68	0.00	0.00	0.00	0.00

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
RW 32-29A (07C1-29A)	0.00	0.00	9,835.00	-176.97	-298.47	7,242,156.139	2,209,539.486	40,183800	-109,462785	
- hit/miss target										
- Shape										
- plan misses target center by 55.63usft at 9875.95usft MD (9836.70 TVD, -140.00 N, -340.00 E)										
- Circle (radius 100.00)										

Casing Points						
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")		
5,973.00	5,973.00	7"	7	9		

Formations						
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)	
3,030.00	3,030.00	Green River		0.00		
4,042.00	4,042.00	Mahog. Bench		0.00		
6,865.05	6,855.00	Wasatch		0.00		
9,874.25	9,835.00	Mesaverde		0.00		
12,178.26	12,135.00	Sego		0.00		



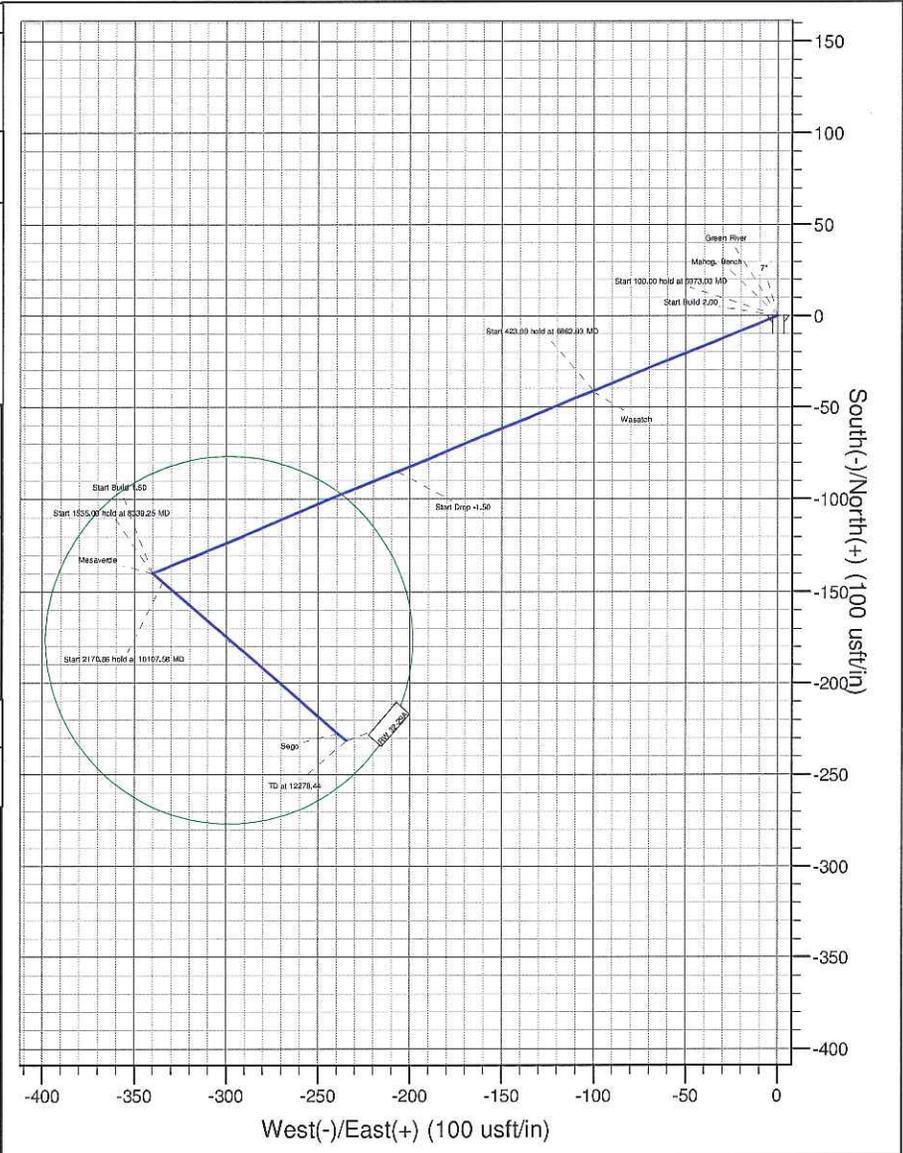
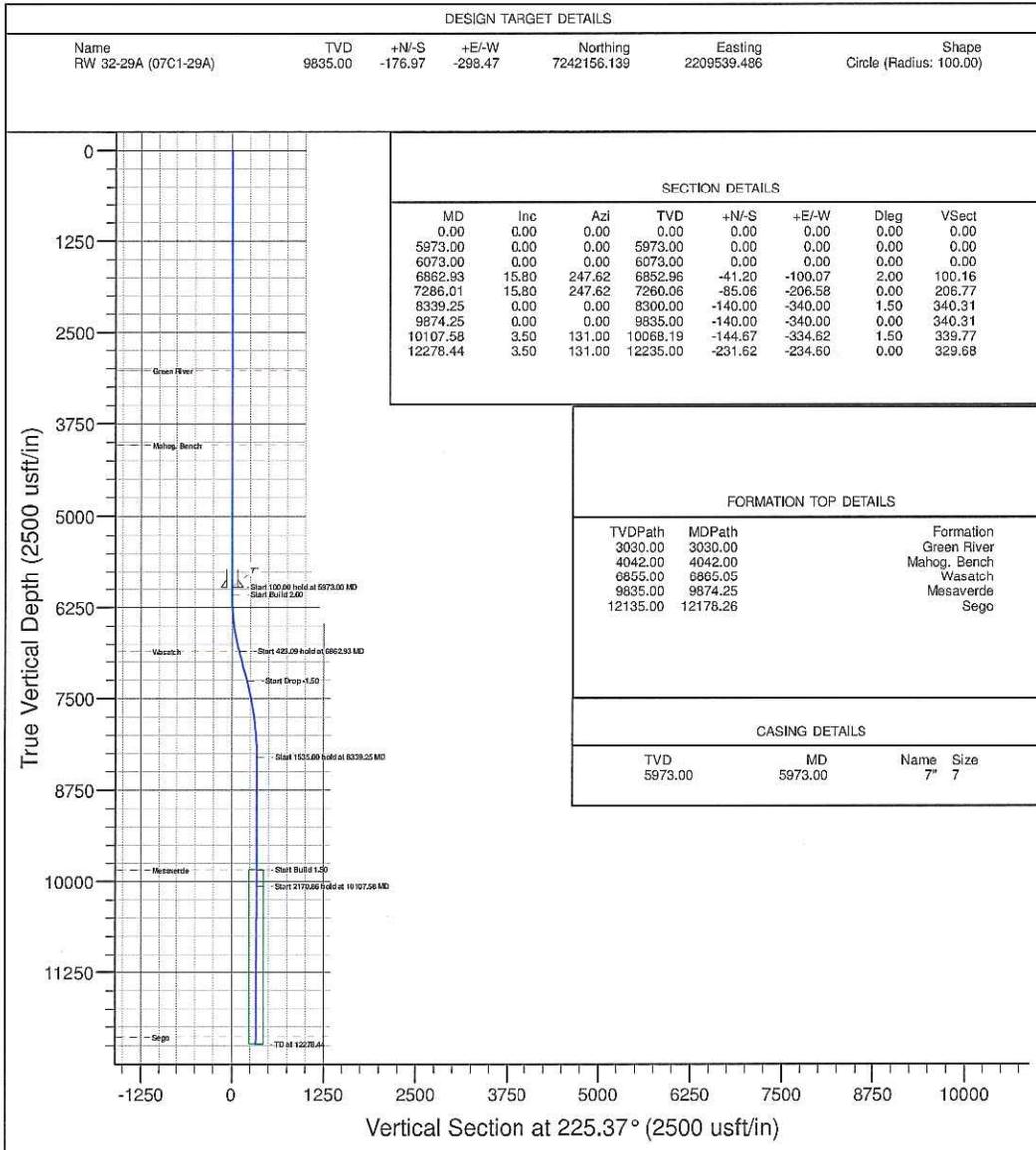
Company Name: QEP ENERGY (UT)



Azimuth to True North
Magnetic North: 10.92°
Magnetic Field
Strength: 52302.3nT
Dip Angle: 85.99°
Date: 10/12/2012
Model: IGRF2010

Project: Red Wash
Site: RW 32-29A
Well: RW 32-29A
Wellbore: Re-Entry
Design: Plan ver.0

WELL DETAILS: RW 32-29A								REFERENCE INFORMATION		PROJECT DETAILS: Red Wash	
Ground Level: 5321.40								Co-ordinate (N/E) Reference: Well RW 32-29A, True North		Geodetic System: US State Plane 1983	
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot		Vertical (TVD) Reference: RKB @ 5335.40usft (AZTEC 781)		Datum: North American Datum 1983	
0.00	0.00	7242339.851	2209833.822	40.184286	-109.461717			Section (VS) Reference: Slot - (0.00N, 0.00E)		Ellipsoid: GRS 1980	
								Measured Depth Reference: RKB @ 5335.40usft (AZTEC 781)		Zone: Utah Central Zone	
								Calculation Method: Minimum Curvature		System Datum: Mean Sea Level	



Sundry Number : 32484 API Well Number : 43047164870000

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: UTU0560
1. TYPE OF WELL Water Injection Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: QEP ENERGY COMPANY	7. UNIT or CA AGREEMENT NAME: RED WASH
3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078	8. WELL NAME and NUMBER: RW 32-29A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1982 FNL 2028 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 29 Township: 07.0S Range: 22.0E Meridian: S	9. API NUMBER: 43047164870000
9. FIELD and POOL or WILDCAT: RED WASH	COUNTY: UINTAH
STATE: UTAH	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/24/2014	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

QEP ENERGY COMPANY REQUESTS A ONE YEAR EXTENSION ON THE APD FOR THE ABOVE CAPTIONED WELL.

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

Date: August 26, 2013

By: 

NAME (PLEASE PRINT) Jan Nelson	PHONE NUMBER 435 781-4331	TITLE Permit Agent
SIGNATURE N/A	DATE 8/23/2013	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047164870000

API: 43047164870000

Well Name: RW 32-29A

Location: 1982 FNL 2028 FEL QTR SWNE SEC 29 TWNP 070S RNG 220E MER S

Company Permit Issued to: QEP ENERGY COMPANY

Date Original Permit Issued: 8/24/2011

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

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

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

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

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

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

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

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

Signature: Jan Nelson

Date: 8/23/2013

Title: Permit Agent Representing: QEP ENERGY COMPANY

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	FORM 9
5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0560	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
7.UNIT or CA AGREEMENT NAME: RED WASH	
8. WELL NAME and NUMBER: RW 32-29A	
9. API NUMBER: 43047164870000	
9. FIELD and POOL or WILDCAT: RED WASH	
COUNTY: Uintah	
STATE: UTAH	

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

1. TYPE OF WELL Gas Well	
2. NAME OF OPERATOR: QEP ENERGY COMPANY	
3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078	PHONE NUMBER: 303 308-3068 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1982 FNL 2028 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 29 Township: 07.0S Range: 22.0E Meridian: S	

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/24/2015	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width:100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
QEP ENERGY COMPANY HEREBY REQUESTS A ONE YEAR EXTENSION FOR THE APD ON THE ABOVE CAPTIONED WELL.

Approved by the
September 04, 2014
Oil, Gas and Mining

Date: _____
By:

NAME (PLEASE PRINT) Valyn Davis	PHONE NUMBER 435 781-4369	TITLE Regulatory Affairs Analyst
SIGNATURE N/A	DATE 8/25/2014	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047164870000

API: 43047164870000

Well Name: RW 32-29A

Location: 1982 FNL 2028 FEL QTR SWNE SEC 29 TWNP 070S RNG 220E MER S

Company Permit Issued to: QEP ENERGY COMPANY

Date Original Permit Issued: 8/24/2011

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

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

Signature: Valyn Davis

Date: 8/25/2014

Title: Regulatory Affairs Analyst Representing: QEP ENERGY COMPANY

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

JAN 07 2014

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

BLM

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU0560
2. Name of Operator QEP ENERGY COMPANY		6. If Indian, Allottee or Tribe Name
Contact: VALYN DAVIS E-Mail: Valyn.Davis@qepres.com		7. If Unit or CA/Agreement, Name and/or No. 892000761D
3a. Address 11002 EAST 17500 SOUTH VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 435-781-4369 Fx: 435-781-4395	8. Well Name and No. RW 32-29A
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 29 T7S R22E SWNE 1982FNL 2028FEL 40.184286 N Lat, 109.461717 W Lon		9. API Well No. 43 047 16487
		10. Field and Pool, or Exploratory RED WASH
		11. County or Parish, and State UINTAH COUNTY, UT

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

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

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

QEP ENERGY COMPANY HEREBY REQUESTS A TWO YEAR EXTENSION FOR THE APD ON THE ABOVE CAPTIONED WELL.

BLM APPROVAL DATE: 01/17/2012

DIV. OF OIL, GAS & MINING

AUG 27 2014

RECEIVED

VERNAL FIELD OFFICE	
ENG.	<u>ML 8/11/14</u>
GEOL.	_____
E.S.	_____
PET.	_____
RECL.	_____

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

**Electronic Submission #231292 verified by the BLM Well Information System
For QEP ENERGY COMPANY, sent to the Vernal
Committed to AFMSS for processing by LESLIE BUHLER on 01/14/2014 (14LBB3660SE)**

Name (Printed/Typed) VALYN DAVIS	Title REGULATORY AFFAIRS ANALYST
Signature _____ (Electronic Submission)	Date 01/07/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>[Signature]</u>	Title Assistant Field Manager Lands & Mineral Resources	Date AUG 05 2014
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office VERNAL FIELD OFFICE	

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

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

UDOGM

Revisions to Operator-Submitted EC Data for Sundry Notice #231292

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	OTHER NOI	APDCH NOI
Lease:	UTU0560	UTU0560
Agreement:	892000761D	892000761D (UTU63010D)
Operator:	QEP ENERGY COMPANY 11002 EAST 17500 SOUTH VERNAL, UT 84078 Ph: 435-781-4369	QEP ENERGY COMPANY 11002 EAST 17500 SOUTH VERNAL, UT 84078 Ph: 435-781-4032 Fx: 435-781-4045
Admin Contact:	VALYN DAVIS REGULATORY AFFAIRS ANALYST E-Mail: valyn.davis@qepres.com Cell: 435-828-1058 Ph: 435-781-4369 Fx: 435-781-4395	VALYN DAVIS REGULATORY AFFAIRS ANALYST E-Mail: Valyn.Davis@qepres.com Cell: 435-828-1058 Ph: 435-781-4369 Fx: 435-781-4395
Tech Contact:	VALYN DAVIS REGULATORY AFFAIRS ANALYST E-Mail: valyn.davis@qepres.com Cell: 435-828-1058 Ph: 435-781-4369 Fx: 435-781-4395	VALYN DAVIS REGULATORY AFFAIRS ANALYST E-Mail: Valyn.Davis@qepres.com Cell: 435-828-1058 Ph: 435-781-4369 Fx: 435-781-4395
Location:		
State:	UT	UT
County:	UINTAH	UINTAH
Field/Pool:	RED WASH	RED WASH
Well/Facility:	RW 32-29A Sec 29 T7S R22E Mer SLB SWNE 1982FNL 2028FEL 40.184286 N Lat, 109.461717 W Lon	RW 32-29A Sec 29 T7S R22E SWNE 1982FNL 2028FEL 40.184286 N Lat, 109.461717 W Lon

CONDITIONS OF APPROVAL

QEP Energy Company

Notice of Intent

APD Extension

Lease: UTU-0560
Well: RW 32-29A
Location: SWNE Sec 29 T7S-R22E

An extension for the referenced APD is granted with the following conditions:

1. The APD extension shall expire on 1/17/16
2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Michael Riches of this office at (435) 781-4438

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: UTU0560
1. TYPE OF WELL Gas Well	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: QEP ENERGY COMPANY	7. UNIT or CA AGREEMENT NAME: RED WASH
3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078	8. WELL NAME and NUMBER: RW 32-29A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1982 FNL 2028 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 29 Township: 07.0S Range: 22.0E Meridian: S	9. API NUMBER: 43047164870000
9. FIELD and POOL or WILDCAT: RED WASH	COUNTY: Uintah
9. API NUMBER: 43047164870000	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 8/24/2016	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input checked="" type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

QEP ENERGY COMPANY HEREBY REQUESTS A ONE YEAR EXTENSION FOR THE APD ON THE ABOVE CAPTIONED WELL.

Approved by the
August 17, 2015
Oil, Gas and Mining

Date: _____
 By: 

NAME (PLEASE PRINT) Valyn Davis	PHONE NUMBER 435 781-4369	TITLE Regulatory Affairs Analyst
SIGNATURE N/A		DATE 8/13/2015



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047164870000

API: 43047164870000

Well Name: RW 32-29A

Location: 1982 FNL 2028 FEL QTR SWNE SEC 29 TWP 070S RNG 220E MER S

Company Permit Issued to: QEP ENERGY COMPANY

Date Original Permit Issued: 8/24/2011

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

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

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

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

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

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

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

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

Signature: Valyn Davis

Date: 8/13/2015

Title: Regulatory Affairs Analyst Representing: QEP ENERGY COMPANY



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Green River District
Vernal Field Office
170 South 500 East
Vernal, UT 84078

<http://www.blm.gov/ut/st/en/fo/vernal.html>



MAR 25 2016

IN REPLY REFER TO:
3160 (UTG011)

Jan Nelson
QEP Energy Company
11002 East 17500 South
Vernal, UT 84078

RECEIVED
APR 04 2016
DIV. OF OIL, GAS & MINING

Dear Jan:

The referenced Applications for Permit to Drill (APD) have expired. According to our records, no known activity has transpired at the approved location. In view of the foregoing, this office is notifying you that the approval of the referenced applications has expired. If you intend to drill at these locations in the future, a new Application for Permit to Drill must be submitted.

43-047

Lease	Well	Aliquot	Sec., T., R.	Approved	Expiration	Extension Exp.
UTU-0560	32-29A <i>16487</i>	SWNE	Sec. 29-T7S-R22E	1/17/2012	1/17/2014	1/17/2016
UTU-0116	22-17B <i>51757</i>	SENE	Sec. 17-T7S-R23E	2/27/2012	2/27/2014	2/27/2016
UTU-02025	12-29B <i>15175</i>	SWNW	Sec. 29-T7S-R23E	1/20/2012	1/20/2014	1/20/2016
UTU-0569	34-14A <i>51763</i>	SWSE	Sec. 14-T7S-R22E	2/27/2012	2/27/2014	12/27/2016

This office requires a letter confirming that no surface disturbance has been made for these drill sites. Any surface disturbance associated with the approved location of these wells is to be rehabilitated. A schedule for this rehabilitation must be submitted to this office, with two exceptions as follows:

1. On January 7, 2016 BLM verified that there was no new surface disturbance for the 12-29-B permit.
2. According to our records, the RW 34-14A is located on the RW 34-14AGR well pad. Final reclamation of the location will be performed after the RW 34-14AGR well is plugged.

Your cooperation in this matter is appreciated. If you have any questions regarding this matter, please contact Jeanne E. Newman at (435) 781-4488.

Sincerely,

Jerry Kenczka
Assistant Field Manager
Lands & Mineral Resources



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

July 7, 2016

Jan Nelson
QEP Energy Company
11002 East 17500 South
Vernal, UT 84078

Re: APDs Rescinded for QEP Energy Company, Uintah County

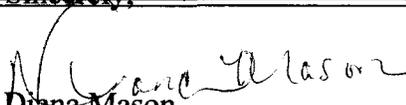
Dear Ms. Nelson:

Enclosed find the list of APDs that is being rescinded. No drilling activity at these locations has been reported to the division. Therefore, approval to drill these wells is hereby rescinded as of July 7, 2016.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,


Diana Mason
Environmental Scientist

cc: Well File
Bureau of Land Management, Vernal

RW 12-29B 43-047-15175 (RE-ENTRY)
RW 43-13A 43-047-15240 (RE-ENTRY)
RW 32-29A 43-047-16487 (RE-ENTRY)
RW 33-20A 43-047-51769
RW 22-17B 43-047-51757
RW 34-14A 43-047-51763
