

Converted to Water Inspection Well 5-7-65

FILE NOTATIONS	
Entered in NID File	<input checked="" type="checkbox"/>
Entered On S R Sheet	<input checked="" type="checkbox"/>
Location Map Pinned	<input checked="" type="checkbox"/>
Card Indexed	<input checked="" type="checkbox"/>
NWR for State or Fee Land	<input type="checkbox"/>
Checked by Chief	<u>JWB</u>
Copy NID to Field Office	<input checked="" type="checkbox"/>
Approval Letter	<u>See Hunt</u>
Disapproval Letter	<input type="checkbox"/>
COMPLETION DATA:	
Date Well Completed	<u>1-20-63</u>
Location Inspected	<input type="checkbox"/>
OW <input type="checkbox"/> WW <input type="checkbox"/> FA <input type="checkbox"/>	Bond released <input type="checkbox"/>
GW <input type="checkbox"/> CS <input type="checkbox"/> PA <input checked="" type="checkbox"/>	State of Fee Land <input type="checkbox"/>
LOGS FILED	
Driller's Log	<u>3-13-63</u>
Electric Logs (No.)	<u>8</u>
E <input type="checkbox"/> I <input type="checkbox"/> E-I <input checked="" type="checkbox"/> GR <input type="checkbox"/> GR-N <input type="checkbox"/> Misc <input checked="" type="checkbox"/>	
Lat <input type="checkbox"/> Mi-L <input type="checkbox"/> Sonic <input type="checkbox"/> Others	<u>Continuous Directional Log</u> <u>3</u>

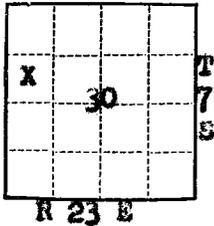
Subsequent Report of Well

Operating Dept. Control
Cement Sand Log

[Handwritten signature]

(SUBMIT IN TRIPLICATE)

Land Office Salt Lake City
Lease No. U-02030
Unit Red Wash



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

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

Vernal, Utah December 20, 1962

(12-30B)
Well No. 186 is located 1980 ft. from N line and 598 ft. from W line of sec. 30
SW 1/4 NW 1/4 30 7S 23E SLBM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Red Wash Uintah Utah
(Field) (County or Subdivision) (State or Territory)

Kelly Rushing

The elevation of the ~~land surface~~ above sea level is 5500 ft. (estimated)

DETAILS OF WORK

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

It is proposed to drill a test well for oil or gas to be completed in the lower Green River formation.

10-3/4" casing to be cemented at ± 220'.

7" casing to be cemented below lowermost productive interval with sufficient cement to reach 4000'.

Tops: GreenRvr - 3015'
H Point - 4985'
K Point - 5643'

Subject well is a substitution for 13-18C on the Plan of Development

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

Company California Oil Company, Western Division

Address P. O. Box 455

Vernal, Utah

By R. W. PATTERSON

Title Field Superintendent

USGS, SLC-3; OAGCC, SLC-1; Gulf, Denver-1; Caultkins-1; RIG-1; File-1

Original Signed by
R. W. PATTERSON

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

LAND OFFICE
 LEASE NUMBER
 UNIT

Red Wash

LESSEE'S MONTHLY REPORT OF OPERATIONS

State **Utah** County **Uintah** Field **Red Wash**

The following is a correct report of operations and production (including drilling and producing wells) for the month of **December**, 19 **62**.

Agent's address **P. O. Box 455
 Vernal, Utah** Company **California Oil Co., Western Div.**

Phone **789-2442** Signed On **12-29-62** by **R. W. PATTERSON**
 Agent's Title **Field Superintendent**

SECT. AND 1/4 OF 36	TWP. RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE PRODUCED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, specify if shut down, cause, date and result of test for gasoline, non-condensate)
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water. Pressures: IH2418, I SI 1920, IF 201, PF 618, FSI 1820, FH 2418.
 Cemented 7" casing at 5789' with 75 sacks and 325' sacks through DV collar at 5340'. Landed tubing at 5679'. Released rig at 10:00 P.M. 12-24-62.

30
 SW NE ~~19~~ 78 23E 12-30B (186)

Present Conditions

Depth: **2830'**
 Casing: **10-3/4", 40.5#, J-55 cmtd at 231' with 175 sacks**

Operations Conducted

Moved in Kerr-McGee Drilling Inc., Rig #23. Spudded at 1:30 A.M. 12-29-62.
 Drilled 15" hole 238'. Cmtd 10-3/4" casing at 231' with 175 sacks regular cement. Drilling 9" hole at 2830'.

Note.—There were runs or sales of oil: M cu. ft. of gas sold:

..... runs or sales of gasoline during the month. (Write "no" where applicable.)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Oilwell Form No. 12 R3565.
Approved March 12, 1959
LAND OFFICE **Salt Lake City**
LEASE NUMBER
UNIT **Red Wash**

LESSEE'S MONTHLY REPORT OF OPERATIONS

Page Four

State **Utah** County **Uintah** Field **Red Wash**

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

Agent's address **P. O. Box 455
Vernal, Utah** Company **California Oil Co., Western Div.**
Phone **783-2442** Signed **R. W. PATTERSON**
Agent's title **Field Superintendent**

SEC. AND 1/4 OF 1/4	TWP. RANGE	WELL NO.	DAYS PRODUCED	BARRILS OIL	WATER	HEAVY	CU. FT. OF GAS (at 14.7 lbs./cu. ft.)	GALLONS OF GASOLINE RECOVERED	BARRILS OF WATER (at 8.33 gal./barrel)	REMARKS
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Red Wash 186 (12-30 B)

NGTS. Rec 8 1/2' water. Pressures: IH 2951, ISI 2208, IF 127, FF 325, FSI 2101, FH 2951. Plugged hole as follows: Plug #1 5800-5000 (70 sacks), Plug #2 5300-5000 (150 sacks), Plug #3 3200-3000' (85 sacks, Plug #4 325-125' (100 sacks). Released rig at 12:00 noon 1-20-63, and installed proper abandonment marker.

26 78 238 184 (23-26B)

Present Conditions

Depth: **5526'** FBID: **5491'**
Casing: **10-3/4", 40.5#, J655, set at 231' with 175 sacks**
7", 23#, J-55 cemented at 5526' with 500 sacks

Operations Conducted

Moved in Signal Drilling and Exploration, Inc. Spudded 1-4-63 at 10:00 P.M. Drilled 15" hole to 235'. Cemented 10-3/4" casing at 230' with 175 sacks regular cement. Drilled 9" hole to 5526'. Ran Schlumberger IES and Micro-Caliper logs. Ran DST #1 (5446-5462) 45 min test. OTS immediately. Rate 7.4 MCFD. Recovered 1' of distillate. Pressures: IH 2855, ISI 1935, IF 980, FF 1150, FSI 1935, FH 2855. DST #2 (5356-5372) 60 min test. OTS in 3 min, TSTM. Rec 140' oil. Pressures: IH 2728, ISI 1605, IF 40, FF 60, FSI 1684, FH 2728. DST #3 (5300-5330) 60 min test. NGTS. Rec 285' oil. Pressures: IH 2840, ISI 1820, IF 90, FF 125, FSI 1670, FH 2840. DST #4 (5270-5284) 45 min test. OTS in 2 min. Rate 3.5 MCFD. Rec 1' water. Pressures: IH 2830, ISI 1600, IF 350, FF 525, FSI 1575, FH 2790. Ran 173 jts 7", 23# casing to 5526 and cemented with 500 sacks regular cement. Tagged float at 5491'. Released rig at 6:00 P.M. 1-19-63.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE _____
LEASE NUMBER _____
UNIT **Red Wash**

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Red Wash

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

Agent's address P. O. Box 455 Company California Oil Co., Western Div.

Vernal, Utah Signed R. W. PATTERSON

Phone 789-2442 Agent's title Field Superintendent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SW SE 21	7S	23E	182 (14-21B)							moth balls and .05#/gal Adomite. Avg rate 33.5 BPM with 2350 psi, ISI 1750 psi. Abrasi-jetted 3 - 60° slots at 4876, 4868, 4848 and 4841'. Sand-oil fraced slots 4876, 4868, 4848 and 4841' down 7" casing with 20,000 gal #5 BF containing 24,000# 20-40 sand, 500# LF Moth balls and .05#/gal Adomite. Avg rate 39.7 BPM with 2100 psi, ISI 1500 psi. Set MG BF at 4385'. Perforated at 4370' with McCullough 4 way squeeze jet. Set Mg retainer at 4355'. Excluded perfs with 200 sacks reg cement at 2 stages. Drilled out BP at 4355'. Drilled out hard cement to 4365'.
										<u>Present Condition</u> Depth: 5790' Casing: 10-3/4", 40.5#, J655 cmtd at 230' with 180 sacks. 7", 23#, J 55 cmtd at 5789 and 5340' with 400 sacks. PBTD: 5745'
										<u>Operations Conducted</u> None
SW NE 30	7S	23E	186 (12-30B)							
										<u>Present Conditions</u> Depth: 5839' Casing: 10-3/4", 40.5#, J655, cmtd at 231' with 175 sacks.
										<u>Operations Conducted</u> Drilled 9" hole to 5839'. Ran Schlumberger IES and Micro logs. Ran DST #1 - 5218-5234' - 60 min test. NGTS. Rec 170' water. Pressures: IH 2675, ISIP 1911, IF 64, FF 128, FSI 1657, FH 2675. DST #2 - 5179-5211' - 60 min test. NGTS. Rec 725' water. Pressures: IH 2603, ISI 1847, IF 89, FF 319, FSI 1720, FH 2603. DST #3 - 5138-5170' - 60 min test. NGTS. Rec 1' oil, 211' mud, 90' water. Pressures: IH 2632, ISI 1869, IF 149, FF 149, FSI 1508, FH 2632. DST #4 - 5051-5083' - 60 min test. NGTS. Rec 720' water. Pressures: IH 2611, ISI 1847, IF 128, FF 340, FSI 1720, FH 2611. DST #5 (5803-5843') 60 min test.

Note.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

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

WELL NO. 186 (12-30B)

PROPERTY: SECTION 30

RED WASH FIELD

HISTORY OF OIL OR GAS WELL

Kerr-McGee Oil Industries moved in and rigged up. Spudded at 1:30 A. M. December 29, 1962. Drilled 15" hole to 238'. Set 10-3/4" casing to 231' with 175 sacks regular cement, containing 2% CaCl₂. WOC 12 hrs.

December 30, 1962 - January 17, 1963

Drilled 9" hole to 5839'. Ran Schlumberger IES & Micro-Logs. Schlumberger TD - 5843'. Ran DST #1 (5218-5234). 60 Min. test NGTS. Recovered 170' water. Pressures: IH - 2625, ISI - 1911, IF - 64, FF 128, FSI - 1657, FH - 2675.

January 18, 1963

Ran DST #2, #3, and #4.

DST #2 (5179-5211). 60 Min. test NGTS. Recovered 725' water.

Pressures: IH - 2603, ISI - 1847, IF - 85, FF - 319, FSI - 1720, FH - 2603.

DST #3 (5138-5170). 60 Min. test NGTS. Recovered 1' oil, 219' mud, 90'

water. Pressures: IH - 2632, ISI - 1869, IF - 149, FF - 149, FSI - 1508,

FH - 2632. DST #4 (5051-5083). 60 Min. test NGTS. Recovered 720' water.

Pressures: IH - 2611, ISI - 1847, IF - 128, FF - 340, FSI - 1720, FH - 2611.

January 19, 1963

RIH with bit and conditioned for 24 hrs. Ran DST #5 (5803-5843). 60 Min test NGTS. Recovered 812' water. Pressures: IH - 2951, ISI - 2200, IF - 127, FF - 325, FSI - 2101, FH - 2951.

January 20, 1963

Plugged as follows: Plug #1 5800-5600 (70 sacks), plug #2 5300-5000 (150 sacks), plug #3 3200-3000 (85 sacks), plug #4 325-125 (100 sacks). Released rig 12:00 noon. Installed proper abandonment marker.

Form 9-330

R23E

U. S. LAND OFFICE Salt Lake City

SERIAL NUMBER U-02030

LEASE OR PERMIT TO PROSPECT _____

T
7
S

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company California Oil Company
Western Division Address P. O. Box 455 Vernal, Utah

Lessor or Tract U-02030 Field Red Wash State Utah

Well No. (12-30B) Sec. 30 T. 7S R. 23E Meridian SLBM County Uintah

Location 1980 ft. (N) of S Line and 598 ft. (E) of W Line of Section 30 Elevation 5557 KB
(Specify foot relative to sea level)

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

Signed R. W. PATTERSON District Signed by R. W. PATTERSON

Date March 11, 1963 Title Field Superintendent

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

Commenced drilling December 29, 1962 Finished drilling January 20, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From-	To-	
<u>10-3/4"</u>	<u>40.5</u>	<u>8 Rnd.</u>	<u>Yngstr</u>	<u>231'</u>	<u>Beveled Collar</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>10-3/4"</u>	<u>231'</u>	<u>175</u>	<u>Displace</u>		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

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

FOLD MARK

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	231'	175	Displace		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
 Adapters—Material _____ Size _____

SHOOTING RECORD

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

TOOLS USED

Rotary tools were used from 0 feet to 5839 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

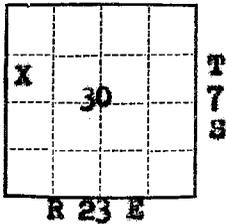
Sept 1-20, 1923 Put to producing ~~Plugged & Abandoned~~, 19____
 The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____
 If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____*E. Pearson*_____, Driller _____*J. C. Woodrel*_____, Driller
 _____*J. C. McGarley*_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	3070	3070	Shale & Sand
3070	5839	2769	Sand & Shale
GR	3070	(2487)	
G	4849	(708)	
H	5041	(516)	
I	5248	(309)	
J	5550	(7)	
K	5700	(- 143)	



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. U-02030
Unit Red Wash

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	X
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 March 7, 1963

Well No. (12-30B) 186 is located 1980 ft. from [N] line and 598 ft. from [W] line of sec. 30
SW 1/4 NW 1/4 30 7S 23E SLBM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Red Wash Uintah Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the ~~stratigraphic~~ Kelly Bushing above sea level is 5557 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)

Bridged interval 5800-5600' with 70 sacks cement.
 Bridged interval 5300-5000' with 150 sacks cement.
 Bridged interval 3200-3000' with 85 sacks cement.
 Bridged interval 325-125' with 100 sacks cement.
 Installed proper abandonment marker.

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 Field Superintendent

USGS, SLC-3; OAGCC, SLC-1; Gulf, Okla. City-1; Canning-1; Buttram-1; RLG-1; File-1

Copy XHC

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
RE-DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER **Water Injector** SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
California Oil Company, Western Division

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
1980' FWL, 598' FWL, Sec. 30, T6S, R23E, S12N
 At proposed prod. zone
Lower Green River T75

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
40 miles from Vernal, Utah (SE)

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

17. NO. OF ACRES ASSIGNED TO THIS WELL
80

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
80 acre

19. PROPOSED DEPTH
5700'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
KB 5557' QL 5545'

22. APPROX. DATE WORK WILL START*
March 10, 1965

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
15"	10-3/4"	40.5	231	175 sacks (in place)
9"	7"	23	5700	400 sacks (to be run)

It is proposed to re-enter this abandoned well and complete as a pilot, Central Area, Red Wash Water Injector as follows:

1. Move in drilling rig. Install casing head on 10-3/4" surface casing, NU and test BOP's.
2. Drill out cement plugs to 5700' (original TD 5839') and run 7", 23# J-55 casing to new TD. Cement in place and release drilling rig.
3. Move in completion rig. Run a GRL and Gamma Collar Log. Perforate with 3-way jets as follows: J₂ at 5645; H₂ at 5218, 5186; H₃ at 5157; H at 5064, 5055.
4. Selectively break down each part. Tubing Frac any zones which will not adequately take water.
5. Run injection string to + 4900' and commence injection.
6. After pressure stabilizes run profile survey. Install packers and chokes as warranted.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED **R. W. PATTERSON** Original Signed by **R. W. PATTERSON** TITLE **Unit Superintendent** DATE **January 20, 1965**

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

January 26, 1965

California Oil Company
P.O. Box 455
Vernal, Utah

Re: Notice of Intention to Re-drill
Well No. RED WASH UNIT #186 (12-
30B), 1980' FNL & 598' FWL, Sec.
30, T. 7 S., R. 23 E., Uintah
County, Utah.

Gentlemen:

Insofar as this office is concerned, approval to re-enter and complete
as a water injection well. This approval is granted in accordance with the
Order issued in Cause #40, dated April 12, 1962.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE DIRECTOR

CBF:sch

cc: Rodney Smith, Dist. Eng., U. S. Geological Survey
8416 Federal Building
Salt Lake City, Utah

March 24, 1965

California Oil Company
P. O. Box 435
Vernal, Utah

Re: Well No. Red Wash #186 (12-30B)
Sec. 30, T. 7 S., R. 23 E.
Uintah County, Utah

February, 1965

Gentlemen:

Our records indicate that you have not filed a Monthly Report of Operations for the above mentioned month (s), for the subject well. Rule C-22(1), General Rules, and Regulations and Rules of Practice and Procedure, Utah State Oil and Gas Conservation Commission, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGCC-1b (U. S. Geological Survey Form 9-331, "Sundry Notices and Reports on Wells"), or on company forms containing substantially the same information. We are enclosing forms for your convenience.

Your immediate attention is required in this matter.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

KATHY G. WARNER
RECORDS CLERK

kgw

Encl: Forms



CALIFORNIA OIL COMPANY

WESTERN DIVISION

P. O. BOX 455 • VERNAL • UTAH

March 25, 1965

WELL NO. RED WASH #186 (12-30B)
SEC. 30; T7S, R23E
UINTAH COUNTY, UTAH

Oil & Gas Conservation Commission
348 East South Temple
Suite 301
Salt Lake City, Utah

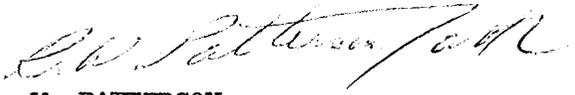
Attention: Mr. Paul Burchell

Gentlemen:

Subject well was plugged and abandoned January 20, 1963. Our notice of intent to re-enter and convert to water injection was approved by USGS on January 1, 1965 and by your office on January 26, 1965. Active operations to perform this work commenced on March 21, 1965. Subsequent notices will be submitted on completion. ✓

Please advise if additional information is required.

Very truly yours,



R. W. PATTERSON

RWP/cw

Az
PAB

Form approved
Budget Bureau No. 42-R356.5
Salt Lake City

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE _____
LEASE NUMBER **Red Wash**
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Red Wash

The following is a correct report of operations and production (including drilling and producing wells) for the month of March 1965

Agent's address P. O. Box 455 Company California Oil Company

Vernal, Utah Signed R. W. PATTERSON R. W. PATTERSON

Phone 789-2442 Unit Superintendent

SW NW 30 7S 23E (186) (12-30B) ✓

Present Conditions

Total Depth: 3889'

Casing: 10-3/4", 40.5%, J-55 cemented at 231' w/175 sacks regular cement containing 2% CaCl₂.

Operations Conducted

Moved in Signal Drlg. & Expl. Co. rig to re-enter and complete as water injector well. Cleaned out to 126'. Began drilling out cement plug, believe that hole sidetracked at + 400', and are now drilling new hole. Drilling 9" hole at 3889'.

SW NE 20 7S 24E 201 (32-29C)

Present Conditions

Total Depth: 5390'

Casing: 9-5/8", 36%, J-55 cemented at 266' w/170 sacks regular cement containing 2% BA-5.

5-1/2", 15-1/2%, J-55 cemented at 5389' w/375 sacks 50/50 goundix containing 10% salt and 1% CFA-2, in two stages. IW collar at 4111'.

Operations Conducted

Drilled 7-7/8" hole to 5390'. Schl. ran IES & Micro-Caliper logs. Ran DST #1 (5212-5236', I₇), 60 min flow. Tool opened w/weak blow, increased to strong in 4 mins and remained steady for remainder of IP. TESTM. Tool opened w/strong blow on second flow. GTS immediately, gauged at a maximum of 31.3 MCFD. Rec 146' mud and gas cut HPP oil, 657' gas cut HPP oil and 261' oil cut drilling mud. Multiple CIP sampler: 800 cc of oil, no water, no mud, 2.04 cu. ft. gas at 325 psi. Pressures: IH-2510, IHI-1879, IF-186, IF-311, PHI-1793, PH-2510. Ran DST #2 (5184-5208', I₇), 60 min flow. Tool opened w/fair blow, increased to strong in 1 min on IP. GTS in 13 mins, TESTM. Tool opened w/weak blow on second flow, increasing to strong in 2 mins, GTS in 2 mins with maximum gauge of 6.33 MCFD. Rec 100' oil gas cut HPP oil, 264' oil gas cut hvy mud cut oil, 89' oil & mud cut

Produced in accordance with the lease agreement. All gas sold to the lessee. Report of operations and production for the month of March 1965. Produced in accordance with the lease agreement. All gas sold to the lessee. Report of operations and production for the month of March 1965. Produced in accordance with the lease agreement. All gas sold to the lessee. Report of operations and production for the month of March 1965.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE Salt Lake
LEASE NUMBER Red Wash
UNIT _____

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Red Wash

The following is a correct report of operations and production (including drilling and producing wells) for the month of April, 19 65

Agent's address P. O. Box 453 Company California Oil Company, Western Division
Vernal, Utah Signed R. W. PATTERSON *R. W. Patterson*
Phone 769-2442 Agent's title Unit Superintendent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SW NR 28	78	24E	#201	(32-28C)						<p><u>Present Conditions</u> Total Depth: <u>5398'</u> FRTD: <u>5357'</u> Casing: <u>9-5/8"</u>, <u>36'</u>, J-55 cemented at <u>266'</u> w/170 sacks reg. cement containing <u>2% HA-5</u>. <u>5-1/2"</u>, <u>15-1/2'</u>, J-55 cemented at <u>5389'</u> w/375 sacks <u>50/50</u> pozzin containing <u>10% salt</u> and <u>1% CFR-2</u>, in two stages. <u>IV collar</u> at <u>4111'</u>.</p> <p><u>Operations Conducted</u> Moved in J. W. Gibson completion rig 4-1-65. Drilled out <u>IV tool</u> at <u>4111'</u>. McCullough ran <u>GR-CL & GRB</u>. Perforated at <u>5233</u>, <u>5226 (Lp)</u>, <u>5205</u>, <u>5197 (Lp)</u>, <u>5166 & 5160'</u> (Lp) w/3-way fracture placement jets in tandem (10 shots per set). Selectively broke down perfs. Halsey Bradenhead fraced perfs <u>5233</u>, <u>5226</u>, <u>5205</u>, <u>5197</u>, <u>5166 & 5160'</u> down <u>3-1/2"</u> reg. w/25,500 gal <u>NMS/RC</u> containing <u>22,500# 20-40</u> sand, <u>4500# 8-12</u> glass beads, <u>1000# LIME</u> and <u>.05#/gal Adomite</u> at an avg rate of <u>26.3 BPM</u> w/3200 avg. pressure. Cleaned out to bottom, <u>FRTD</u> at <u>5357'</u>. <u>RIH</u> w/ the prod. string. <u>RIH</u> w/ pump and rods. Released rig 4-7-65.</p>
SW NW 30	78	23E	#186	(12-30B)						<p><u>Present Conditions</u> Total Depth: <u>5720'</u> Casing: <u>10-3/4"</u>, <u>40.5'</u>, J-55 cemented at <u>231'</u> w/175 sacks reg. cement containing <u>2% CaSi₂</u>. <u>7"</u>, <u>23'</u>, J-55 cemented at <u>5719'</u> w/400 sacks <u>50/50</u> pozzin containing <u>10% salt</u> and <u>1% CFR-2</u></p> <p><u>Operations Conducted</u> Drilled <u>9"</u> hole <u>5720'</u>. Schl. ran <u>IES</u>, <u>Micro-Caliper</u> & <u>directional logs</u>. Cemented <u>7"</u>, <u>23'</u>, J-55 casing at <u>5719'</u> w/400 sacks <u>50/50</u> pozzin containing <u>10% salt</u> and <u>1% CFR-2</u>. Released rig 4-21-65.</p>

NOTE.—There were 320,323.12 runs or sales of oil; 638,585 M cu. ft. of gas sold; 390,214 runs or sales of gasoline during the month. (Write "no" where applicable.)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

LAND OFFICE _____
LEASE NUMBER _____
UNIT **Red Wash**

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Ulatah Field Red Wash

The following is a correct report of operations and production (including drilling and producing wells) for the month of May, 1965,

Agent's address P. O. Box 455 Company California Oil Company, Western
Vernal, Utah Division
Signed W. A. GOURDEAU

Phone 789-2442 Agent's title Acting Unit Superintendent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
SW NW 30	7E	23E	<u>2186 (12-30B)</u>							
<p><u>Present Conditions</u> Total Depth: <u>5723'</u> FBED: <u>5700'</u> Casing: <u>10-3/4", 40.5#, J-55 cemented at 231' w/175 sacks reg. cement containing 2% CaCl₂.</u> <u>7", 23#, J-55 cemented at 5719' w/400 sacks 50/50 Fosnix containing 10% salt and 1% CFB-2.</u></p> <p><u>Operations Conducted</u> Moved in J. W. Gibson completion rig 5-2-65. Drilled out cement and float to 5700' (FBED). Ran Schl. (IR-CL and GBL. Schl. perfed at 5630, 5250, 5237, 5218, 5185, 5094 and 5076 w/tandem super radial and super crack jets (one tandem each set) in separate runs. Selectively breakdown all perms. RIM w/tubing injection string and landed at 4936.09'. Released rig 5-7-65.</p>										
SW NE 26	7E	24E	<u>2003 (32-26C)</u>							
<p><u>Present Conditions</u> Total Depth: <u>5100'</u> FBED: <u>5096'</u> Casing: <u>8-5/8", J-55, 24# and 32# cemented at 484.95' w/300 sacks reg. type G cement containing 2% Na-5.</u> <u>4-1/2", J-55, 9.5# cemented at 5097.63' w/300 sacks cement containing 50/50 Fosnix containing 10% salt and 1% CFB-2.</u></p> <p><u>Operations Conducted</u> Drilled 7-7/8" hole to 5100'. Schl. ran I-ES and Microlog w/Caliper. Ran DST #1-A (5010-5030'), I₂) 30 min flow. NUTS. Rec. 5' mud. Pressures: IIR-2013, IRI-1898, IR-0, 77-7, FBI-1449, FHE-2389. Microm. Ran DST #2A (3985-4010', Basal F) 30 min flow. NUTS. Rec. 25' water out mud. Pressures: IIR-1970, IRI-1318, IR-7, 77-19, FBI-1282, FHE-1910. Microm. Cemented 4 1/2", 9.5#, J-55 casing at 5097.63' w/300 sacks 50/50 Fosnix cement containing 10% salt and 1% CFB-2. Released rig 5-8-65.</p>										

NOTE.—There were 316,262.20 runs or sales of oil; 537,081 M cu. ft. of gas sold;

462,112 runs or sales of gasoline during the month. (Write "no" where applicable.)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

A 5

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other **Water Injection**

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other **Re-entry**

2. NAME OF OPERATOR
California Oil Company, Western Division

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface **1980' FNL, 598' FWL, Sec 30, T7S, R23E**

At top prod. interval reported below **2058' FNL, 823' FWL**

At total depth **211682' FNL, 905.93' FWL**

14. PERMIT NO. DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.
m U-02030

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.

Unit No. 186 (12-30B)

10. FIELD AND POOL, OR WILDCAT

Red Wash

11. SEC., T., R., N., OR BLOCK AND SURVEY OR AREA

Sec. 30, T7S, R23E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

15. DATE SPUDED **3-21-65** 16. DATE T.D. REACHED **4-19-65** 17. DATE COMPL. (Ready to prod.) **5-7-65** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **KB 5557 GL 5545** 19. ELEV. CASINGHEAD **5542**

20. TOTAL DEPTH, MD & TVD **5720'** 21. PLUG, BACK T.D., MD & TVD **5700'** 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY **0** ROTARY TOOLS **0** CABLE TOOLS **5720'**

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* **5076 - 5680' Green River** 25. WAS DIRECTIONAL SURVEY MADE **Yes**

26. TYPE ELECTRIC AND OTHER LOGS RUN
I-ES, Micro-Caliper, Directional, Gamma-Ray-Casing Collar & CBL

27. WAS WELL CORED **No**

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10-3/4"	40.5	231.80	15"	175 sacks regular	
7"	23	5719	9"	400 sacks 50/50 Pozmix	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-1/2"	4956.09	

31. PERFORATION RECORD (Interval, size, and number)
5-way tandem super radial & super crack jets (one tandem each set) in separate runs at 5680, 5250, 5237, 5218, 5185, 5094 & 5076'.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5680	500 gal. MCA

33.* PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **Injected 2600 Bbl formation wtr. w/475# tbg press.** WELL STATUS (Producing or shut-in) **Water Injector**

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

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

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED **R. W. PATTERSON** R. W. PATTERSON **Unit Superintendent** DATE **May 28, 1965**

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Socks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38.

GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP
TCR C H I J	3070 4863 5068 5288 5582	<div style="border: 1px solid black; padding: 2px;"> TRENCHING Sub Sea Datum (+2487) (+ 694) (+ 489) (+ 269) (- 25) </div>

JUN 1 1965

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
U-02030

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Red Wash

8. FARM OR LEASE NAME

9. WELL NO.

186, (12-30B)

10. FIELD AND POOL, OR WILDCAT

Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec 30, T7S, R23E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

1. OIL WELL GAS WELL OTHER **Water Injection**

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

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface

1980' FNL & 598' FWL (SW¹/₄ NW¹/₄)

14. PERMIT NO.

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

KB 5557'

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

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

It is proposed to clean out well to 5700', perforate additional zones and acidize as per the attached.

APPROVED BY DIVISION OF
OIL, GAS, AND MINING
DATE: 11-23-77
BY: Pat Driscoll
By KW



**No additional surface
disturbances required
for this activity.**

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

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

SIGNED

J. J. Johnson

TITLE

J. J. Johnson

Engineering Assistant

DATE

11/21/77

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

* * * * *

Operator: Chuvron Well No. 12-30B (186)

County: Ventura T 75 R 23E Sec. 30 API# 43-047-16499

New Well Conversion Disposal Well Enhanced Recovery Well

	YES	NO
UIC Forms Completed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Plat including Surface Owners, Leaseholders, and wells of available record	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Schematic Diagram	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fracture Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Pressure and Rate Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Adequate Geologic Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fluid Source	<u>Specimen</u>	<input type="checkbox"/>
Analysis of Injection Fluid	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	TDS <u>5460</u>
Analysis of Water in Formation to be injected into	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	TDS <u>21.60</u>
Known USDW in area	<u>Ventura</u>	Depth <u>2700</u>
Number of wells in area of review	<u>5</u> Prod. <u>5</u> P&A <u> </u>	Water <u> </u> Inj. <u> </u>
Aquifer Exemption	Yes <input checked="" type="checkbox"/> NA <input type="checkbox"/>	
Mechanical Integrity Test	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
	Date <u>12-11-80</u>	Type <u>Final</u>

Comments: Inject Cement 4900 Bottom 5719

Reviewed by: 

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 Injection

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

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

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1980' FNL & 598' FWL SW $\frac{1}{2}$ NW $\frac{1}{4}$
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

5. LEASE
U-02030

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Red Wash

8. FARM OR LEASE NAME

9. WELL NO.
186 (12-30B)

10. FIELD OR WILDCAT NAME
Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 30, T7S, R23E

12. COUNTY OR PARISH Uintah 13. STATE Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
KB 5557'

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 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"/>

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

(other) Cancel Sundry Notice to perforate and acidize

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.)*

Please cancel Sundry Notice dated November 21, 1977, approved January 11, 1978, to clean out, perforate and acidize well. Work was never done on well.

3-BLM
2-State
3-Partners
1-JAH
1-LJT
1-File

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

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

SIGNED J.J. Hanson TITLE Engineering Asst. DATE July 12, 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 I-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...186..... WELL
 SEC. 30 TWP. 7S RANGE 23E
Uintah COUNTY, UTAH

CAUSE NO. _____

ENHANCED RECOVERY INJ. WELL
 DISPOSAL WELL

APPLICATION

Comes now the applicant and shows the Division the following:

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

Lease Name <u>U-02030</u>	Well No. <u>186 (12-30B)</u>	Field <u>Red Wash</u>	County <u>Uintah</u>
Location of Enhanced Recovery Injection or Disposal Well <u>SW¹/₄, NW¹/₄</u> Sec. <u>30</u> Twp. <u>7S</u> Rge. <u>23E</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>4/20/65</u>	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>2700</u>	Does Injection Zone Contain Oil-Gas-Fresh Water Within 1/2 Mile YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		State What oil & gas
Location of Injection Source(s) <u>produced water</u>		Geologic Name(s) and Depth of Source(s) <u>Green River 4500-5700</u>	
Geologic Name of Injection Zone <u>Green River</u>		Depth of Injection Interval <u>5076</u> to <u>5680</u>	
a. Top of the Perforated Interval: <u>5076</u>	b. Base of Fresh Water: <u>2700</u>	c. Intervening Thickness (a minus b) <u>2376</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? (YES) NO			
Lithology of Intervening Zones <u>sand-shale</u>			
Injection Rates and Pressures Maximum = <u>2500 B/D, Working = 800</u> B/D Maximum = <u>3000 psi, Working = 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>			
<u>1400 University Club Building</u>			
<u>136 East South Temple</u>			
<u>Salt Lake City, Utah 84111</u>			

RECEIVED
 JUL 20 1983

State of Colorado
 County of Denver

R. H. Elliott
 Applicant DIVISION OF OIL, GAS & MINING
R. H. ELLIOTT

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, 19 83
July 5, 1983

SEAL
 My commission expires Denver, CO 80222

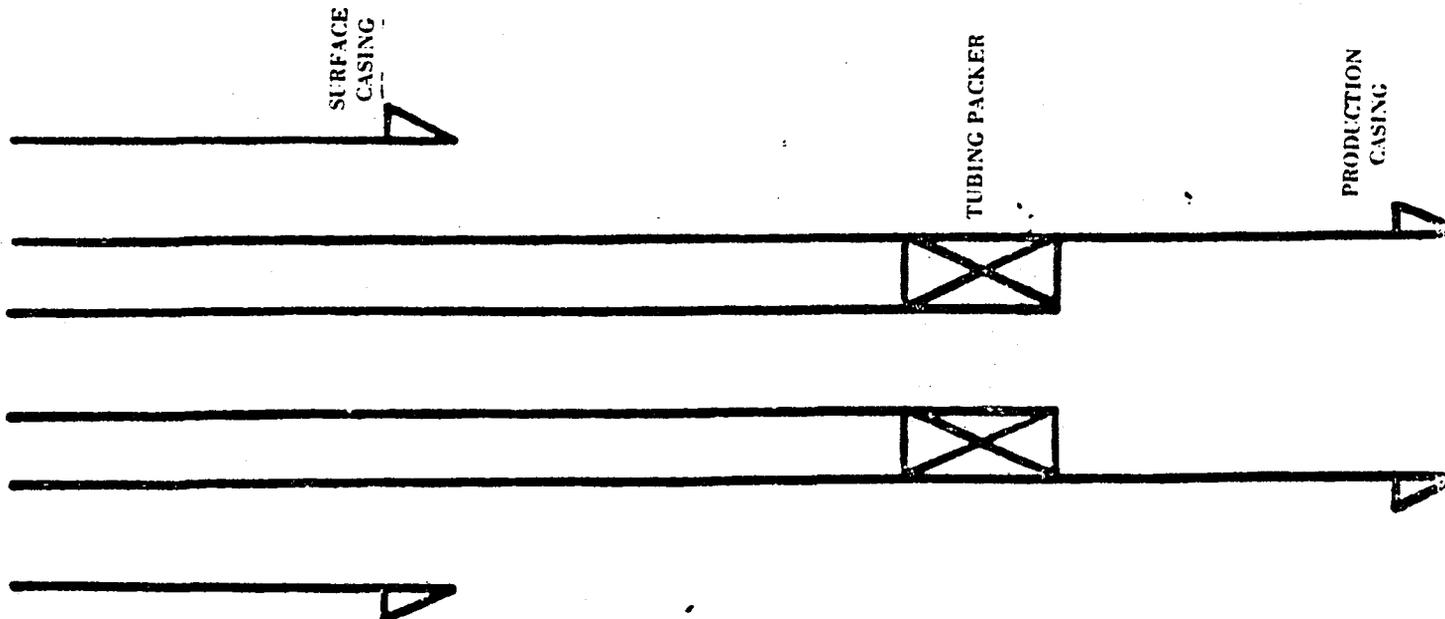
Lois J. Thompson
 Notary Public in and for Colorado

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"	231	175	surface	returns
Intermediate					
Production	7"	5719	400	4900	CBL
Tubing	2-7/8"	4957	Name - Type - Depth of Tubing Packer Baker Model AC @ 4957		
Total Depth	Geologic Name - Inj. Zone		Depth - Top of Inj. Interval		Depth - Base of Inj. Interval
5720	Green River		5076		5680

SKETCH - SUBSURFACE FACILITY



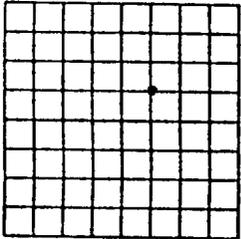
(To be filed within 30 days after drilling is completed)

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

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

API NO 43-047-05374

640 Acres



Locate Well Correctly and Outline Lease

COUNTY Uintah SEC. 30 TWP. 7S RGE. 23E

COMPANY OPERATING Chevron U.S.A. Inc.

OFFICE ADDRESS P. O. Box 599

TOWN Denver STATE ZIP CO 80201

FARM NAME Red Wash WELL NO. 186

DRILLING STARTED 12/29/62 DRILLING FINISHED 1/17/1963

DATE OF FIRST PRODUCTION injection 5-65 COMPLETED 1/20/63

WELL LOCATED SW $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$

654 FT. FROM SW OF $\frac{1}{4}$ SEC. & 598 FT. FROM WL OF $\frac{1}{4}$ SEC.

ELEVATION DERRICK FLOOR 5557 GROUND 5545

KB

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	5700			

CASING & CEMENT

Casing Set				Csg. Test	Cement		
Size	Wgt	Grade	Feet	Psi	Sax	Fillup	Top
10-3/4"	40.5#	J-55	231	2000	175	-	surface
7"	23#	J-55	5719	2000	400	-	4900

TOTAL DEPTH 5720

PACKERS SET DEPTH 4957

COMPLETION & TEST DATA BY PRODUCING FORMATION

1

2

3

FORMATION	Green River		
SPACING & SPACING ORDER NO.	80-acre spacing		
CLASSIFICATION (Oil; Gas; Dry; Inj. Well)	Enhanced recovery		
PERFORATED	5076	5237	
INTERVALS	5094	5250	
	5185	5680	
	5218		
ACIDIZED?	5680		
FRACTURE TREATED?	-		

INITIAL TEST DATA Not applicable-completed as water injection well

Date			
Oil. bbl./day			
Oil Gravity			
Gas. Cu. Ft./day	CF	CF	CF
Gas-Oil Ratio Cu. Ft./Bbl.			
Water-Bbl./day			
Pumping or Flowing			
CHOKE SIZE			
FLOW TUBING PRESSURE			

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

Direct

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

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

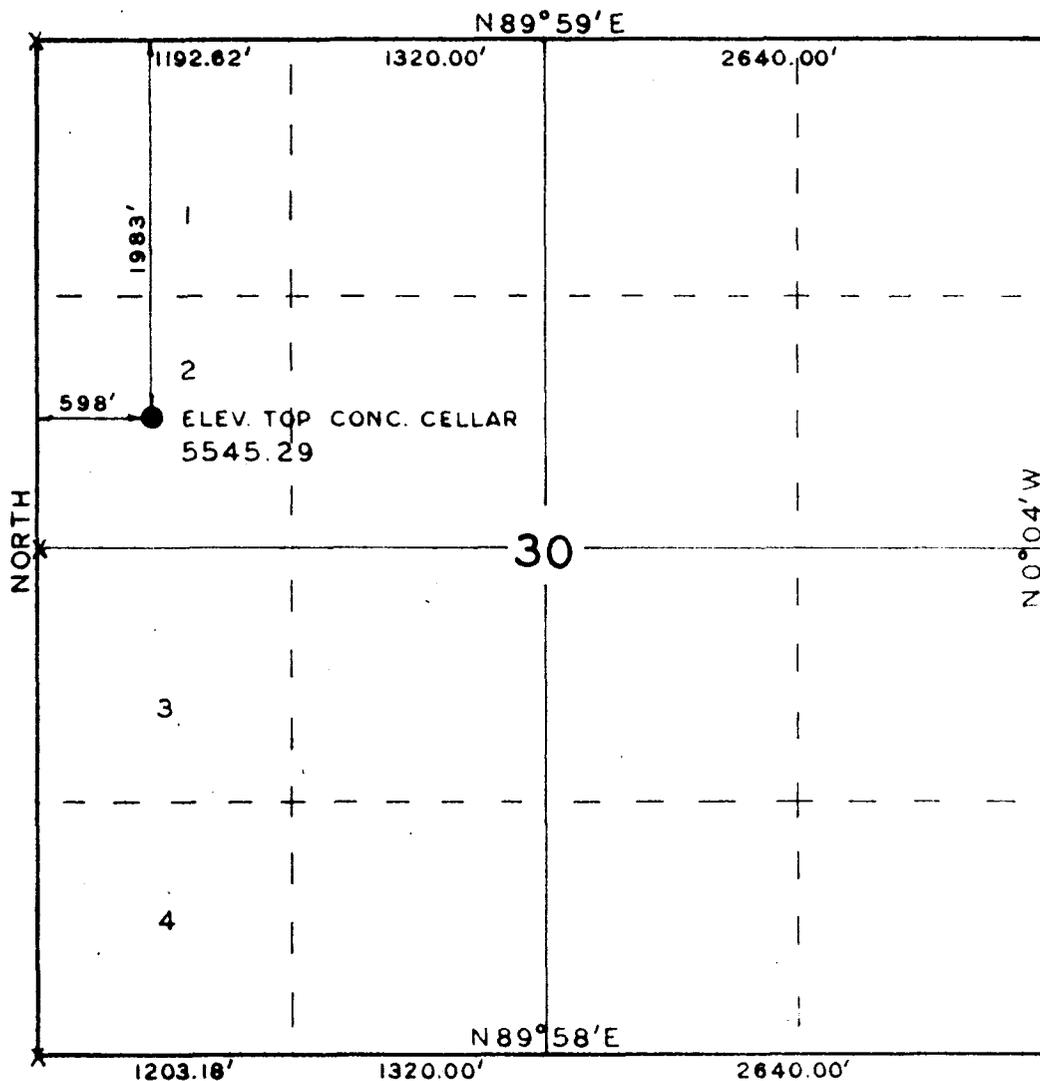
My COMMISSION expires July 5, 1987 19 July day of July, 19 83

South Colorado Blvd. Denver, CO 80222

Luis J. Thompson

Well File

T 7S, R 23E, SLB & M



X = Corners Located (brass caps)

Scale: 1" = 1000'

Nelson Marshall

By: ROSS CONSTRUCTION CO.
Vernal, Utah

ARTY
N.J. Marshall
R. Stewart
ATHER Fair-Mild

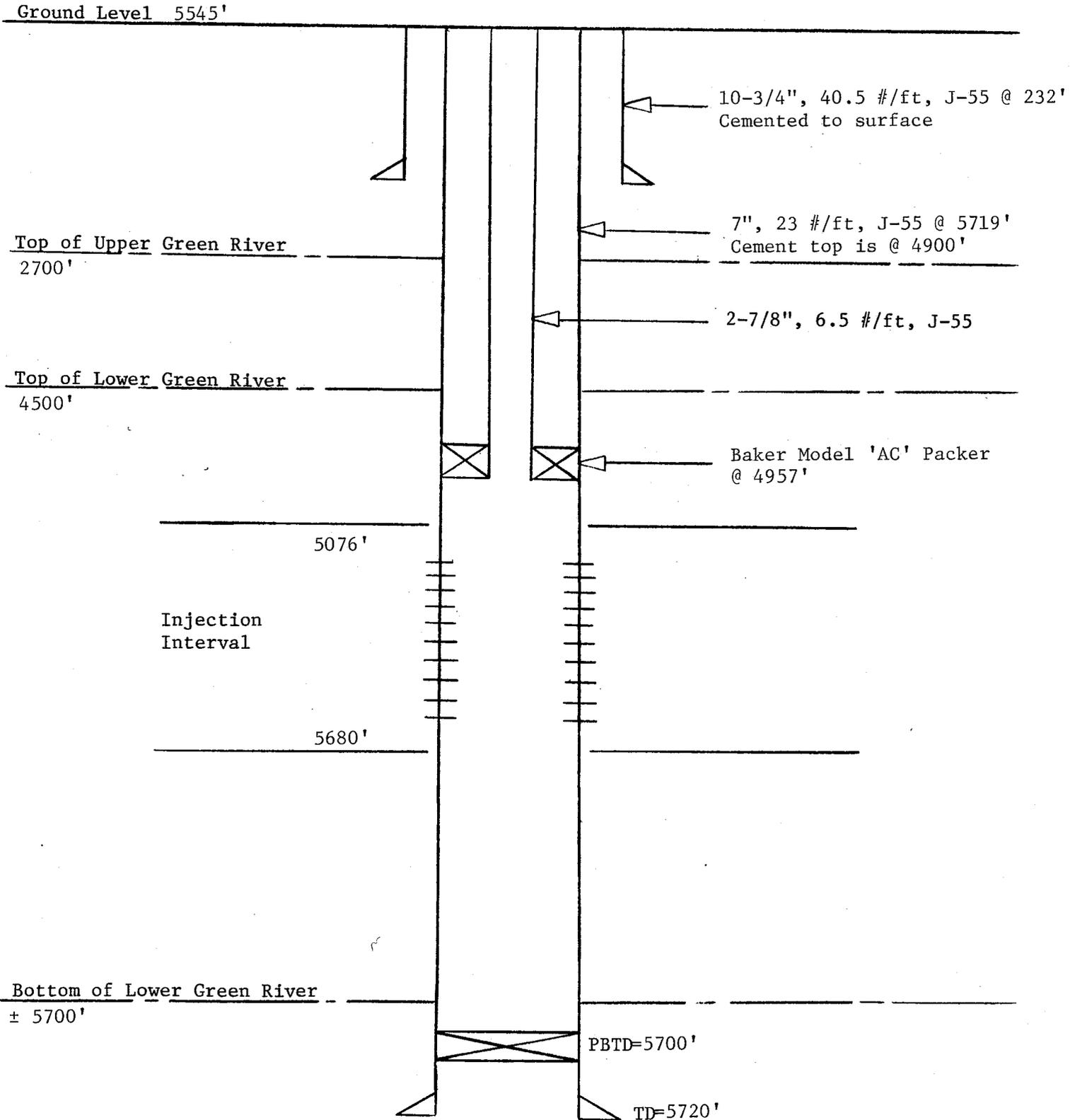
SURVEY
CALIFORNIA OIL CO.
WELL LOC. 12-30B (186) LOCATED AS SHOWN
IN THE SW 1/4, NW 1/4, SEC. 30, T 7S, R 23E, SLB & M
UINTAH COUNTY, UTAH.

DATE 12/21/62
REFERENCES
GLO Township Plat
Approved 11/29/44
FILE CALCO



Chevron U.S.A. Inc.

RED WASH UNIT
WATER INJECTION WELL
WELLBORE SCHEMATIC



Red Wash Unit 186 (12-30B)
Wellbore Schematic

CBL DESCRIPTIONS

Injection Well

RWU No. 186 (12-30B)

The CBL shows the cement top at + 4900'. Good to fair bonding is exhibited from 4900' to 5500'. Thirty feet of poor section is found from 5500' to 5530'. Good to fair bonding is indicated from 5530' to 5700'. The injection interval is from 5076' to 5680'.

Offset Producers

RWU No. 45 (23-30B) - SI

A cement bond log is not available for No. 45 (23-30B). The cement top is shown to be at 3250' from the temperature log. The production interval is 4930'-5806'.

RWU No. 53 (41-25A - SI

The bond log for No. 53 indicates a poor overall bond. Two sections of good bonding above the gross perforated interval (5063'-5997') are at 4970'-5010' and 4610'-4640'. The cement top is calculated to be at 4400'.

RWU No. 158 (32-30B

A cement bond log is not available for No. 158. The cement top is calculated to be at 3794'. Production interval is from 5678' to 5768'.

RWU No. 172 (21-30B) - SI

The CBL indicates the cement top is at + 3994'. The cement bond is in general good from 3994' to 5948'. A poor section exists from 4218' to 4250'. The producing interval is from 4984' to 5749'.

RWU No. 204 (23-25A)

The cement bond in the subject well is generally fair to poor. Fairly well bonded areas exist at 3960'-4075' and 5020'-5100'. The cement top is at 3680' and the gross perforated interval is 5159'-5710'.

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 Well Gas Well Other WIW

2. Name of Operator

CHEVRON U.S.A. PRODUCTION CO.

3. Address and Telephone No.

P.O. BOX 599, DENVER, CO. 80201 (303) 930-3691

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

1980 FNL, 598 FWL, SEC. T7S, R23E

Sec. 30

5. Lease Designation and Serial No.

U - 02030

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

RED WASH

8. Well Name and No.

186 (12-30B)

9. API Well No.

43-047-16499

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

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

THIS WELL 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 [Signature] Title PERMIT SPECIALIST Date 4/2/92

(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.

WELL NAME: RWU #186 (12-30B)

FIELD: Red Wash

PROPOSED PERFORATING PROCEDURE

1. Changes intended: Expose additional sands.
2. Results anticipated: Increase injection capacity.
3. Conditions of well which warrant such work: Anticipated increase in produced water due to the Development Drilling Program for the rest of 1977 and in 1978.
4. To be ripped or shot: Shot
5. Depth, number and size of shots (or depth of rips): 3 shots per foot.

5072-87'	5343-45'
5091-96'	5360-86'
5181-91'	5412-15'
5207-27'	5422-34'
5235-41'	5446-72'
5246-58'	5567-71'
5293-97'	5676-80'
5308-32'	

6. Date last Log of well filed:
7. Anticipated additional surface disturbances: None
8. Estimated work date: December 9, 1977
9. Present production and status:

<u>Date</u>	<u>BOPD</u>	<u>MCFD</u>	<u>BWPD</u>
10/77			2066 injecting

WELL NAME: RWU #186 (12-30B)

FIELD: Red Wash

PROPOSED TREATMENT PROCEDURE

1. Objective: Increase injection capacity of well.
2. Size and type of treatment: 5400 gals 15% HCl.
3. Intervals to be treated: 5567-5780', 5412-72', 5293-5386', 5181-5258', 5072-96'.
4. Treatment down casing or tubing: Tubing
5. Method of localizing its effects: Straddle zones with retrievable bridge plug and packer.
6. Disposal of treating fluid: Spent acid to be swabbed back.
7. Name of company to do work: Dowell, Halliburton or Western
8. Anticipated additional surface disturbances: None
9. Estimated work date: December 10, 1977
10. Present status, current production and producing interval:

Date

BOPD

MCFD

BWPD

10/77

2066 injecting

JAM 6/8/76

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-02030

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
RWU #186 (12-30B)

9. API Well No.
43-047-16499

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 Well Gas 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)
1983 FNL, 598 FWL, SEC. 30, T7S, R23E
0

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 _____
	<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

Diana Hough

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

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Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

<p>1. Type of Well Oil <input type="checkbox"/> Gas <input type="checkbox"/> Well <input type="checkbox"/> Well <input type="checkbox"/> Other <input checked="" type="checkbox"/></p>	<p>5. Lease Designation and Serial No. U-02030</p>
<p>2. Name of Operator Chevron U.S.A. Inc.</p>	<p>6. If Indian, Allottee or Tribe Name</p>
<p>3. Address and Telephone No. P.O. Box 455, Vernal, Utah 84078 (801) 789-2442</p>	<p>7. If Unit or CA, Agreement Designation Red Wash Unit</p>
<p>4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 0 1987' FNL, 598' FWL, SEC. 30-T7S-R23E</p>	<p>8. Well Name and No. RWU #186 (12-30B)</p>
	<p>9. API Well No. 43-047-16499</p>
	<p>10. Field and Pool, or Exploratory Area Red Wash-Grn. River</p>
	<p>11. County or Parish, State Uintah, Utah</p>

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 type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input checked="" type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <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 <small>(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

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

RECEIVED
JUN 07 1993

DATE: 6-8-93
BY: [Signature] DIVISION OF GAS & MINING

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

Signed Chana Hough Title Oper. Assistant Date 06/02/93

(This space for Federal or State office use)

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

RED WASH UNIT #186 (12-30B)

PLUG AND ABANDON PROCEDURE

1. MIRU. ND WH AND NU BOPE.
2. RELEASE BAKER MODEL AC PACKER AND TOH WITH INJECTION EQUIPMENT.
3. CLEAN OUT TO ~5050' WITH BIT AND SCRAPER.
4. TIH AND SET CIBP AT ~5050'. SPOT 100' OF CEMENT ON TOP. CIRCULATE CLEAN AND DISPLACE WELLBORE WITH 9.2 PPG BRINE FROM CIBP TO ~4200'.
5. OIL SHALE INTERVAL ESTIMATED AT 3930-4270'. ISOLATE OIL SHALE AS FOLLOWS: PERFORATE ~4300' WITH 2 JSPF. SET CICR @ 4200' AND SQUEEZE WITH 150 SX. CLASS H CEMENT. STING OUT OF CICR AND SPOT 250' CLASS H CEMENT ON TOP. CIRCULATE CLEAN AND DISPLACE WELLBORE WITH 9.2 PPG BRINE FROM TOC TO ~3000'.
6. ISOLATE TOP OF GREEN RIVER FORMATION AS FOLLOWS: PERFORATE ~3174' WITH 2 JSPF. SET CICR @ 3074' AND SQUEEZE WITH 100 SX. CLASS H CEMENT. STING OUT OF CICR AND SPOT 100' CLASS H CEMENT ON TOP. CIRCULATE CLEAN AND DISPLACE WELLBORE WITH 9.2 PPG BRINE FROM TOC TO SURFACE.
7. PERFORATE ~300' WITH 2 JSPF. ESTABLISH CIRCULATION DOWN CASING AND UP ANNULUS, THEN PUMP 150 SX. CLASS H CEMENT TO SET SURFACE PLUG TO 300' IN BOTH CASING AND 7" X 10-3/4" ANNULUS.
8. CUT OFF WELLHEAD AND INSTALL MONUMENT WITH THE FOLLOWING INSCRIPTIONS:

CHEVRON USA INC
LEASE # U-02030
RWU #186 (12-30B)
SW/NW-S30-T7S-R23E
9. RDMO. NOTIFY OPERATIONS TO REHAB LOCATION.

Field: RED WASH UNIT	GL: 5545' KB: 5557'	Current Status: SI INJECTOR	Prepared By: S.D. McPHERSON
Well Name: RWU #186 (12-308)	TD: 5720' PBD: 5702'	Proposed Status: P&A	Date Prepared: 5/6/93
Location: SW/NW-S30-T7S-R23E UINTAH COUNTY, UTAH			

CURRENT

PROPOSED

10-3/4", 40.50, J-55
Casing @ 232' cemented
w/175 sxs. "Regular"

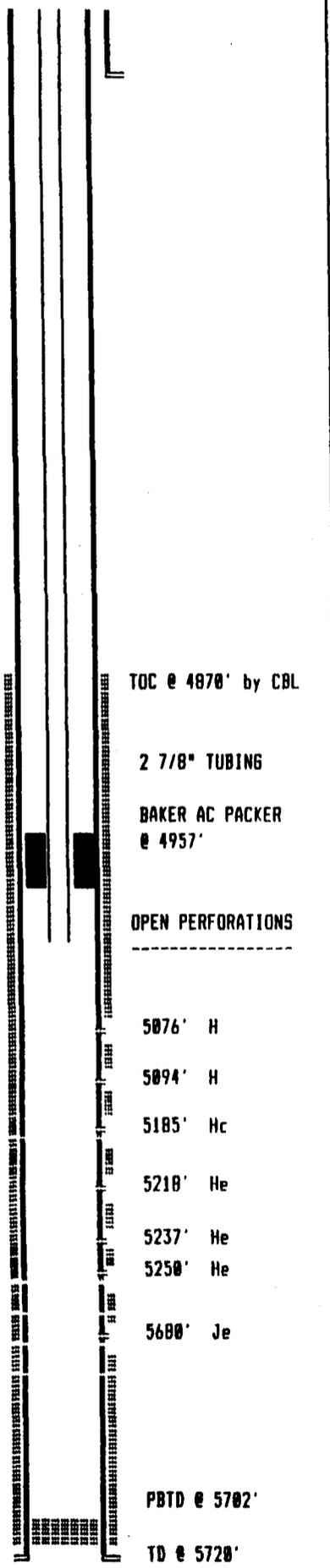
Hole size = 15"

FORMATION TOPS:

UINTA SURF.

GREEN RIVER 3074'

OIL SHALE TOP 3930
OIL SHALE BASE 4270'

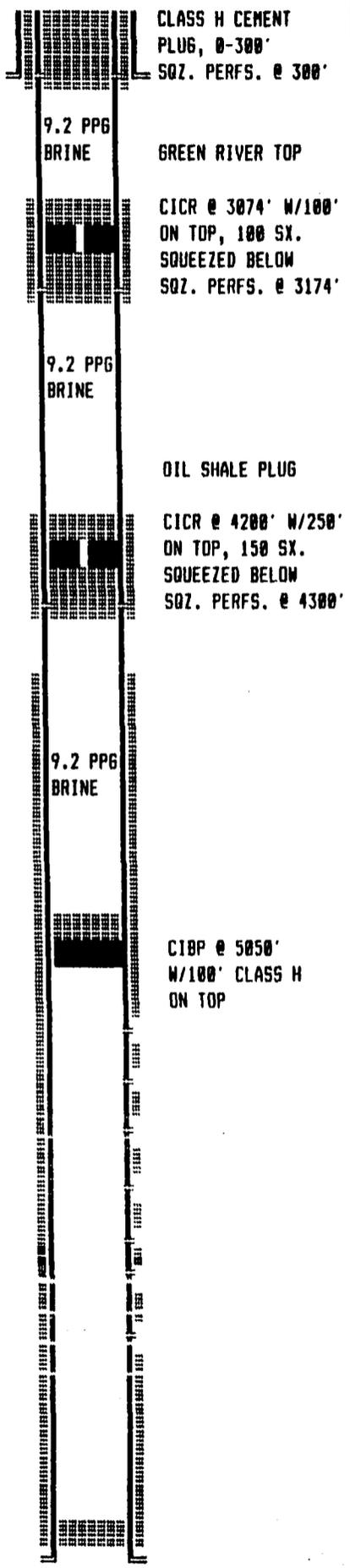


EXCLUDED PERFORATIONS

NONE

7", 230, J-55
@ 5719' w/400 sxs.
50-50 POXMIX

HOLE SIZE = 9"



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

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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)
1983' FNL, 598' FWL, Sec. 30-T7S/R23E

5. Lease Designation and Serial No.
U-02030

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
RWU #186 (12-30B)

9. API Well No.
43-047-16499

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

11. County or Parish, State
UINTAH, UTAH

RECEIVED
DEC 25 1993
DIVISION OF
OIL, GAS & MINING

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

TYPE OF SUBMISSION	TYPE OF ACTION
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	<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 well was P&A'd between 11/11/93 and 11/17/93 as follows:

- MIRU. TOH with tubing. PU 2 7/8" work string. RIH to top of fish at 3815'. Worked through apparent scale. Tagged fish again at 4536'.
- RIH with bit and 7" casing scraper. Tagged at 3815'. Pulled up 20' stuck at 3795'. Attempted rotating; failed, eventually pulled out. POOH with bit and scraper, no marks on tool.
- Ran CCL log. Casing appears to be parted at 3795'. Could not get down through 3815'.
- RIH with wax knife to 2000'. Circulate, RIH with CICR and set at 3700'. Tested tubing to 2000 PSI; good.
- RIH with 7" full-bore packer. Isolated leaks at 3576' and 3701'. Casing very ratty.
- Perforated with 4 JSPF at 3174'. Tested casing to 500 PSI; good. Tested tubing to 2500 PSI; good.
- Set CICR at 2982'. Pumped 775 sacks Class H cement below and 10 sacks (50') on top.
- Perforated with 4 JSPF at 2502'. RIH with CICR and set same at 2361'. Tested casing to 300 PSI; good. Tested tubing to 2000 PSI; good.
- Pumped 120 sacks Class H cement, stung out of CICR, laid down 6 jts 2 7/8" and spotted 180' on top. Circulated clean with 10 ppg brine to surface.
- Perforated with 4 JSPF at 282'. Surfaced casing shoe at 232'. Circulated down casing and up annulus, then pumped 175 sacks of Class H cement to surface.
- Cut off wellhead, installed P&A marker and notified Operations to reclaim location.

All voids between cement plugs were filled with 10 ppg brine. P&A operations were witnessed by Wayne Bankert with the BLM.

14. I hereby certify that the foregoing is true and correct.
Signed Chana Hough Title Operations Assistant Date 12/20/93

(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

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5. Lease Designation and Serial No.
U-02030

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.
RWU #186 (12-30B)

9. API Well No.
43-047-16499

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)
**0
198³' FNL', 598' FWL, SEC. 30, T7S/R23E**

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"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input checked="" 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)

Wellsite was reclaimed on March 15, 1995 per BLM specifications.

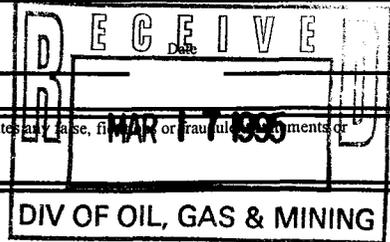
14. I hereby certify that the foregoing is true and correct.
Signed Chana Hough Title Operations Assistant Date 3/16/95

(This space for Federal or State office use)

Approved by: _____ Title _____

Conditions of approval, if any _____

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



*See instruction on Reverse Side

DIV OF OIL, GAS & MINING

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, 1950.

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

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

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

RECEIVED

DEC 30 1999

DIVISION OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.
 Signed A. E. Wacker 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	NWNW	27	T 7S	R23E	TA	CHEVRON U S A INCORPORATED
UTU0571	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	NWSE	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 SENW	22	T	7S	R23E POW	CHEVRON U S A INCORPORATED	
UTU081	4304715261	148 (13-22B) RED WAS NWSW	22	T	7S	R23E WIW	CHEVRON U S A INCORPORATED	
UTU0571	4304715262	149 (21-33A) RED WAS NENW	33	T	7S	R22E P+A	CHEVRON U S A INCORPORATED	
UTU02148	4304715145	15 (32-17C) RED WASH SWNE	17	T	7S	R24E PGW	CHEVRON U S A INCORPORATED	
UTU081	4304715263	150 (31-22B) RED WAS NWNE	22	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU081	4304715264	151 (42-14B) RED WAS SENE	14	T	7S	R23E POW	CHEVRON U S A INCORPORATED	
UTU02148	4304716493	152 (41-17C) RED WAS NENE	17	T	7S	R24E P+A	CHEVRON U S A INCORPORATED	
UTU02025	4304715265	153 (14-29B) RED WAS SWSW	29	T	7S	R23E POW	CHEVRON U S A INCORPORATED	
STATE	4304716494	154 (41-32B) RED WAS NENE	32	T	7S	R23E P+A	CHEVRON USA INC	
UTU0571	4304715266	155 (23-33A) RED WAS NESW	33	T	7S	R22E P+A	CHEVRON U S A INCORPORATED	
UTU081	4304715267	156 (23-15B) RED WAS NESW	15	T	7S	R23E WIW	CHEVRON U S A INCORPORATED	
UTU02025	4304715268	158 (32-30B) RED WAS SWNE	30	T	7S	R23E POW	CHEVRON U S A INCORPORATED	
UTU0571	4304715269	159 (14-33A) RED WAS SWSW	33	T	7S	R22E P+A	CHEVRON U S A INCORPORATED	
UTU02030	4304716475	16 (43-28B) RED WASH NESE	28	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU081	4304715270	160 (32-15B) RED WAS SWNE	15	T	7S	R23E POW	CHEVRON U S A INCORPORATED	
UTU02030	4304715271	161 (14-20B) RED WAS SWSW	20	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU02030	4304715272	162 (12-20B) RED WAS SWNW	20	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU0570	4304715273	163 (34-33A) RED WAS SWSE	33	T	7S	R22E P+A	CHEVRON U S A INCORPORATED	
UTU02025	4304715274	164 (12-28B) RED WAS SWNW	28	T	7S	R23E POW	CHEVRON U S A INCORPORATED	
UTU0566	4304715275	165 (32-26B) RED WAS SWNE	26	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU0562	4304715276	166 (23-14A) RED WAS NESW	14	T	7S	R22E ABD	CHEVRON U S A INCORPORATED	
UTU0567	4304715277	167 (23-21B) RED WAS NESW	21	T	7S	R23E POW	CHEVRON U S A INCORPORATED	
UTU082	4304715278	168 (23-24B) RED WAS NESW	24	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU0569	4304715146	17 (41-20B) RED WASH NENE	20	T	7S	R23E POW	CHEVRON U S A INCORPORATED	
UTU081	4304716495	170 (41-15B) RED WAS NENE	15	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU0570	4304715279	171 (32-33A) RED WAS SWNE	33	T	7S	R22E P+A	CHEVRON U S A INCORPORATED	
UTU02030	4304715280	172 (21-30B) RED WAS NENW	30	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU0569	4304716496	173 (21-21B) RED WAS NENW	21	T	7S	R23E WIW	CHEVRON U S A INCORPORATED	
UTU0933	4304715281	174 (21-20B) RED WAS NENW	20	T	7S	R23E WIW	CHEVRON U S A INCORPORATED	
UTU0558	4304715282	175 (34-28A) RED WAS SWSE	28	T	7S	R22E ABD	CHEVRON U S A INCORPORATED	
UTU02030	4304715283	176 (31-28B) RED WAS NWNE	28	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU02030	4304715284	177 (42-28B) RED WAS SENE	28	T	7S	R23E POW	CHEVRON U S A INCORPORATED	
UTU081	4304715285	178 (22-13B) RED WAS SENW	13	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU0570	4304715286	179 (43-33A) RED WAS NESE	33	T	7S	R22E P+A	CHEVRON U S A INCORPORATED	
UTU02149	4304715147	18 (41-19C) RED WASH NENE	19	T	7S	R24E ABD	CHEVRON U S A INCORPORATED	
UTU082	4304715287	180 (31-23B) RED WAS NWNE	23	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU02025	4304715288	181 (34-30B) RED WAS SWSE	30	T	7S	R23E POW	CHEVRON U S A INCORPORATED	
UTU0933	4304716497	182 (14-21B) RED WAS SWSW	21	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU081	4304715289	183 (33-13B) RED WAS NWSE	13	T	7S	R23E WIW	CHEVRON U S A INCORPORATED	
UTU0566	4304715290	184 (23-26B) RED WAS NESW	26	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU081	4304716498	185 (41-14B) RED WAS NENE	14	T	7S	R23E WIWSI	CHEVRON U S A INCORPORATED	
UTU02030	4304716499	186 (12-30B) RED WAS SWNW	30	T	7S	R23E P+A	CHEVRON U S A INCORPORATED	
UTU02030	4304715291	188 (23-20B) RED WAS NESW	20	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
STATE	4304715292	189 (41-16B) RED WAS NENE	16	T	7S	R23E TA	CHEVRON U S A INCORPORATED	
UTU0566	4304715148	19 (34-26B) RED WASH SWSE	26	T	7S	R23E GSI	CHEVRON U S A INCORPORATED	
UTU0560	4304716500	190 (34-29A) RED WAS SWSE	29	T	7S	R22E P+A	CHEVRON U S A INCORPORATED	

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH		4-KAS
2. CDW		5-SJ
3. JLT		6-FILE

Enter date after each listed item is completed

X Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

Merger

The operator of the well(s) listed below has changed, effective:

01-01-2000

FROM: (Old Operator):

CHEVRON USA INC
 Address: 11002 E. 17500 S.
 VERNAL, UT 84078-8526

Phone: 1-(435)-781-4300

Account No. N0210

TO: (New Operator):

SHENANDOAH ENERGY INC
 Address: 11002 E. 17500 S.
 VERNAL, UT 84078

Phone: 1-(435)-781-4300

Account N4235

CA No.

Unit: RED WASH

WELL(S)

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
RWU 190 (34-29A)	43-047-16500	99998	29-07S-22E	FEDERAL	IW	PA
RWU 179 (43-33A)	43-047-15286	5670	33-07S-22E	FEDERAL	OW	PA
RWU 192 (41-33A)	43-047-15294	5670	33-07S-22E	FEDERAL	OW	P
RWU 178 (22-13B)	43-047-15285	5670	13-07S-23E	FEDERAL	OW	TA
RWU 191 (12-27B)	43-047-15293	99998	14-07S-23E	FEDERAL	IW	PA
RWU 194 (12-14B)	43-047-15296	5670	14-07S-23E	FEDERAL	OW	P
RWU 189 (41-16B)	43-047-15292	5670	16-07S-23E	STATE	OW	P
RWU 188 (23-20B)	43-047-15291	5670	20-07S-23E	FEDERAL	OW	TA
RWU 180 (31-23B)	43-047-15287	5670	23-07S-23E	FEDERAL	OW	TA
RWU 193 (43-24B)	43-047-15295	5670	24-07S-23E	FEDERAL	GW	P
RWU 184 (23-26B)	43-047-15290	5670	26-07S-23E	FEDERAL	OW	TA
RWU 19 (34-26B)	43-047-15148	5670	26-07S-23E	FEDERAL	GW	P
RWU 176 (31-28B)	43-047-15283	5670	28-07S-23E	FEDERAL	OW	TA
RWU 177 (42-28B)	43-047-15284	5670	28-07S-23E	FEDERAL	OW	TA
RWU 20 (41-29B)	43-047-15149	5670	29-07S-23E	FEDERAL	OW	PA
RWU 181 (34-30B)	43-047-15288	5670	30-07S-23E	FEDERAL	OW	P
RWU 186 (12-30B)	43-047-16499	99998	30-07S-23E	FEDERAL	IW	PA
RWU 198 (21-33B)	43-047-15300	5670	33-07S-23E	FEDERAL	OW	PA
RWU 196 (23-17C)	43-047-15298	5670	17-07S-24E	FEDERAL	GW	P
RWU 195 (43-18C)	43-047-15297	5670	18-07S-24E	FEDERAL	OW	PA
RWU 18 (41-19C)	43-047-15147	5670	19-07S-24E	FEDERAL	GW	PA
RWU 197 (43-21C)	43-047-15299	5670	21-07S-24E	FEDERAL	OW	PA

OPERATOR CHANGES DOCUMENTATION

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

3. The new company has been checked through the **Department of Commerce, Division of Corporations Database on:** 08-23-2000
4. Is the new operator registered in the State of Utah: YES Business Number: 224885
5. If **NO**, the operator was contacted on: _____
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 02/04/2000
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 02/04/2000
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC") Proj:** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: _____

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 09/18/2000
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 09/18/2000
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: 159261960

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on:

FILMING:

1. All attachments to this form have been **MICROFILMED** on: 3-2-01

FILING:

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

COMMENTS:

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 186 (12-30B)				
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) UTU02030			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		1984 FNL 599 FWL		SWNW	30	7.0 S	23.0 E	S		
Top of Uppermost Producing Zone		1984 FNL 599 FWL		SWNW	30	7.0 S	23.0 E	S		
At Total Depth		1984 FNL 599 FWL		SWNW	30	7.0 S	23.0 E	S		
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 599			23. NUMBER OF ACRES IN DRILLING UNIT 40				
27. ELEVATION - GROUND LEVEL 5546			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1750			26. PROPOSED DEPTH MD: 11657 TVD: 11657				
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 - 5700	23.0	J-55 LT&C	0.0	Class G	0	0.0	0.0
PROD	6.125	4.5	0 - 11657	11.6	HCP-110 LT&C	10.5	Halliburton Light , Type Unknown	230	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 06/22/2011			EMAIL Valyn.Davis@qepres.com				
API NUMBER ASSIGNED 43047164990000			APPROVAL  Permit Manager							

QEP Energy Company
RW 12-30B RE Drilling Prog
API#: 43-047-16499
Summarized Re-Entry Procedure

1. Excavate around Dry-Hole Marker, expose P&A well.
2. Slip-on and weld 9-5/8" conductor back to surface.
3. MIRU Pulling unit.
4. Wash over and remove 7" casing to approximately 231'.
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 perms. 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 11,657' 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.

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ONSHORE OIL & GAS ORDER NO. 1
 QEP ENERGY COMPANY
 RW 12-30B RE (API#: 43-047-16499)

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	3,080'
Mahogany	4,050'
Original TD	5,839'
Wasatch	6,567'
Mesaverde	9,262'
Sego	11,557'
TD	11,657'

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	6,567'
Gas	Mesaverde	9,262'
Gas	Sego	11,557'

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

ONSHORE OIL & GAS ORDER NO. 1
 QEP ENERGY COMPANY
 RW 12-30B RE (API#: 43-047-16499)

(which was filed on May 7, 1964) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

3. **Operator's Specification for Pressure Control Equipment**

- A. 7 1/16" or 11" as available 5000 psi double ram with blind rams and pipe rams, annular preventer and drilling spool or BOP with 2 side outlets.
- B. All BOP 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	231'	40.5#	J-55	STC	Existing	N/A
9"	7"	sfc	5,700'	23#	J-55	LTC	Existing	N/A
6 1/8"	4 1/2"	sfc	11,657'	11.6#	HCP-110	LTC	New	8.8 – 10.5

ONSHORE OIL & GAS ORDER NO. 1
 QEP ENERGY COMPANY
 RW 12-30B RE (API#: 43-047-16499)

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"	11.6#	HCP-110	LTC	8,830 psi	10,710 psi	279,000 lb.

Casing Design Factors

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

Burst: 1.2

Collapse: 1.2

Tension: 1.6

Maximum anticipated mud weight:

10.5 ppg

Maximum anticipated surface treating pressure:

7,500 psi

5. Cementing Program

4-1/2" Production Casing: sfc – 11,657'

Lead Slurry: 3,000' (TOC) – 9,262. 230 sks (718 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: 9,262' – 11,657'. 170 sks (285 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 12-30B RE (API#: 43-047-16499)

- E. Drilling below the 7" casing will be done with water based mud. Maximum anticipated mud weight is 10.5 ppg.
- F. No minimum quantity of weight material will be required to be kept on location.
- G. Gas detector will be used from intermediate casing depth to TD.

7. **Testing, logging and coring program**

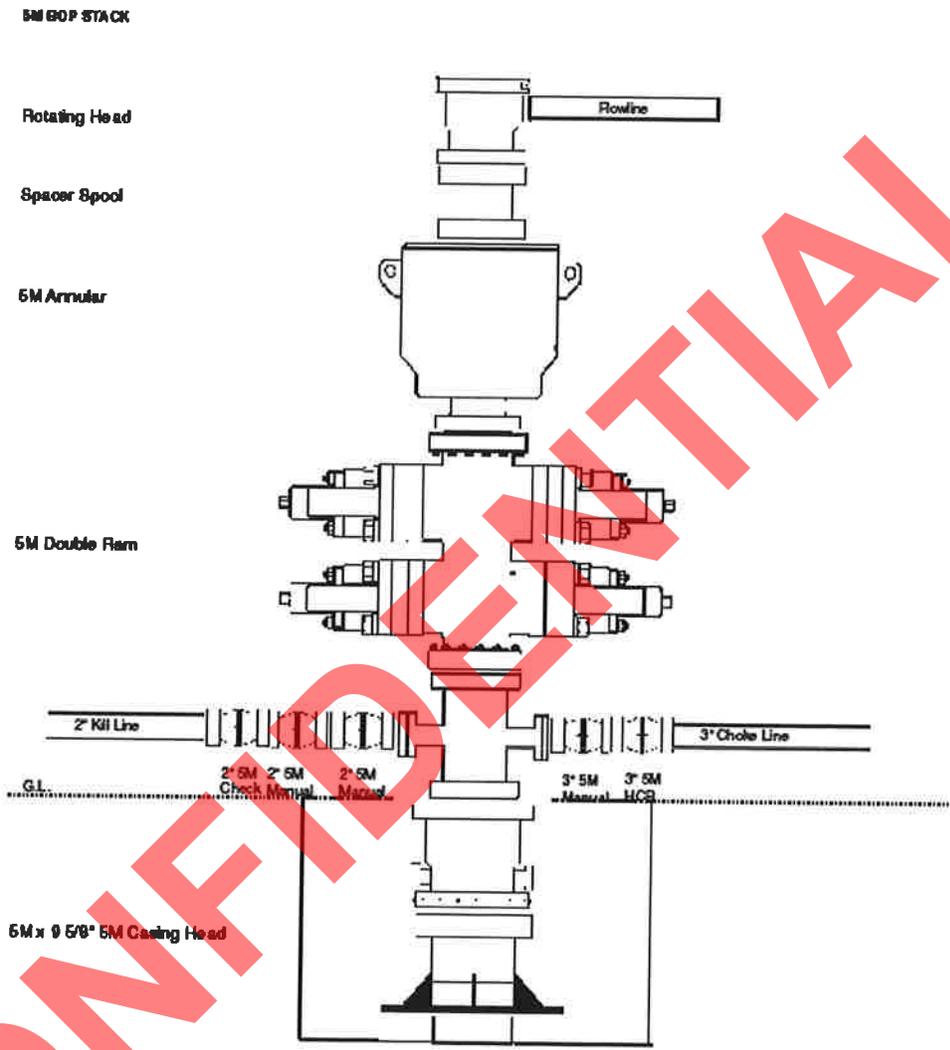
- A. Cores – none.
- B. DST – none anticipated
- C. Logging – Mud logging – Surface Casing to TD
OH Logs: GR-SP-Induction, Neutron Density.
- D. Formation and Completion Interval:
– Stimulation will be designed for the particular area of interest as encountered.

8. **Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards**

No abnormal temperatures or pressures are anticipated. Maximum anticipated bottom hole pressure equals approximately 6,365 psi. Maximum anticipated bottom hole temperature is 211° F.

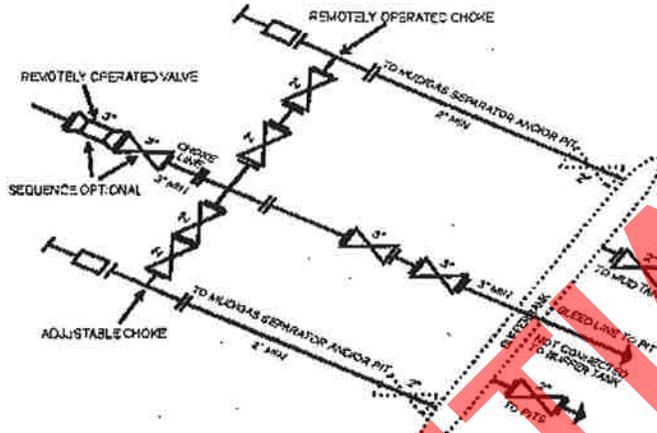
H2S has not been encountered in other wells drilled to similar depths in the general area.

ONSHORE OIL & GAS ORDER NO. 1
QEP ENERGY COMPANY
RW 12-30B RE (API#: 43-047-16499)



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ONSHORE OIL & GAS ORDER NO. 1
QEP ENERGY COMPANY
RW 12-30B RE (API#: 43-047-16499)



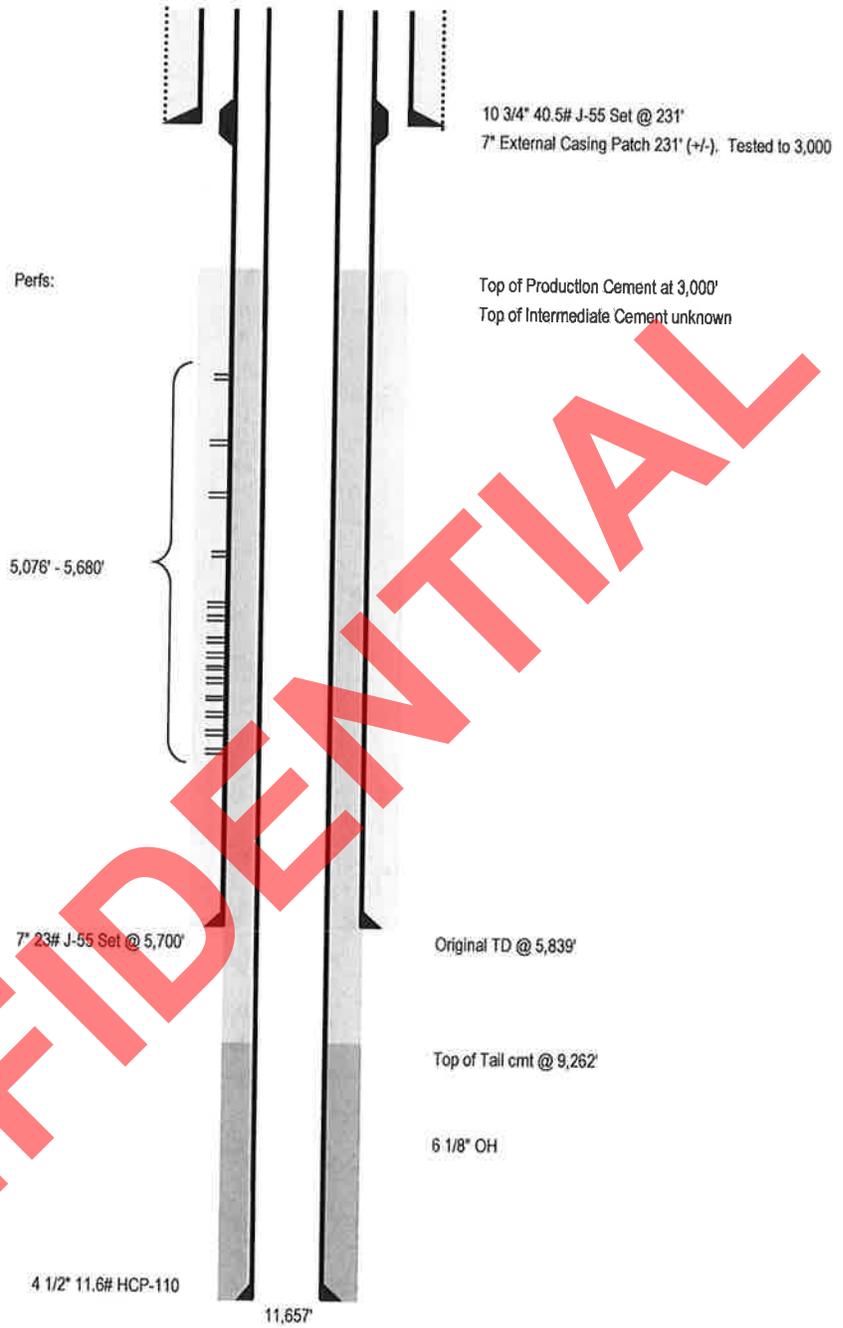
5M CHOKER MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKERS MAY VARY

Although not required for any of the choke manifold systems, buffer tanks are sometimes installed downstream of the choke assemblies for the purpose of manifolding the bleed lines together. When buffer tanks are employed, valves shall be installed upstream to isolate a failure or malfunction without interrupting flow control. Though not shown on 204, 304, 1104, OR 1504 drawings, it would also be applicable to these situations.

[54 FR 39528, Sept. 27, 1989]

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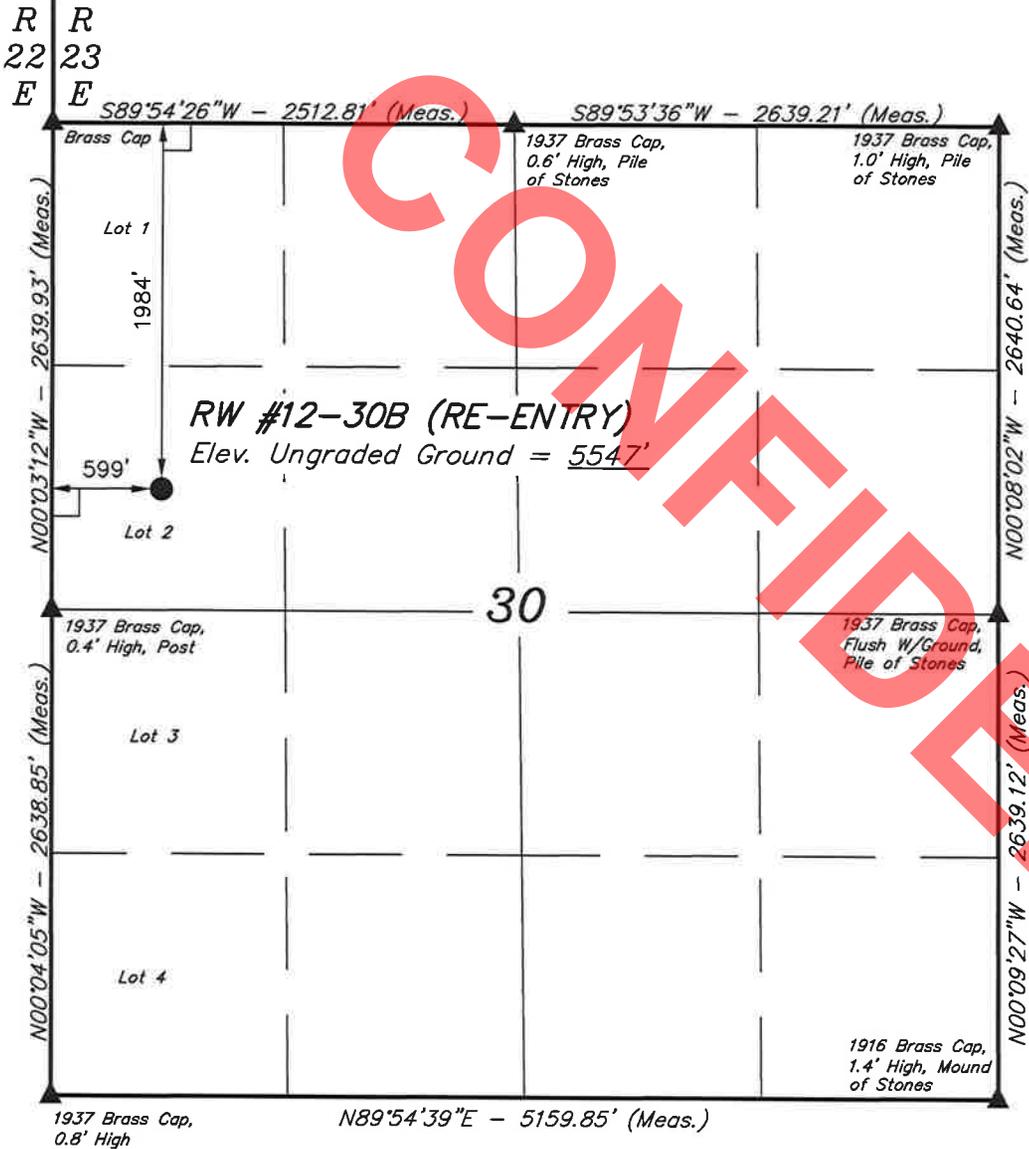
RW 12-30B RE
API# 43-047-16499
SWNW Sec 30 T7S R23E
Uintah County, Utah
KB 5,561'
GL 5,547'
Original Spud 12/29/1962



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

QEP ENERGY COMPANY

Well location, RW #12-30B (Re-Entry), located as shown in Lot 2 of Section 30, T7S, R23E, S.L.B.&M., Uintah County, Utah.

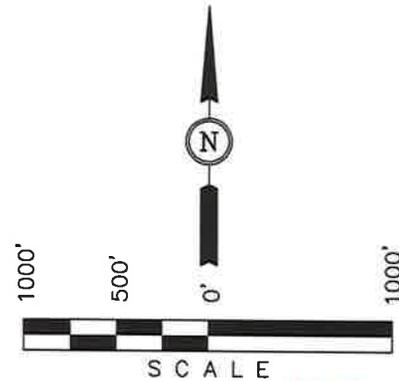


BASIS OF ELEVATION

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

BASIS OF BEARINGS

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



CERTIFICATE OF SURVEY

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 Kay
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 161319
 STATE OF UTAH
 05-25-11

REVISED: 5-25-11

UINTAH ENGINEERING & LAND SURVEYING		
85 SOUTH 200 EAST - VERNAL, UTAH 84078		
(435) 789-1017		
SCALE 1" = 1000'	DATE SURVEYED: 04-07-11	DATE DRAWN: 04-14-11
PARTY A.F. J.M. S.R.L.	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE QEP ENERGY COMPANY	

LEGEND:

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

(NAD 83)
 LATITUDE = 40°10'56.41" (40.182336)
 LONGITUDE = 109°22'36.26" (109.376739)

(NAD 27)
 LATITUDE = 40°10'56.54" (40.182372)
 LONGITUDE = 109°22'33.80" (109.376056)

API Well Number: 43047164990000

RECEIVED: Jun. 28, 2011

QEP ENERGY COMPANY
RW #12-30B (RE-ENTRY)
LOCATED IN UINTAH COUNTY, UTAH
SECTION 30, T7S, R23E, S.L.B.&M.

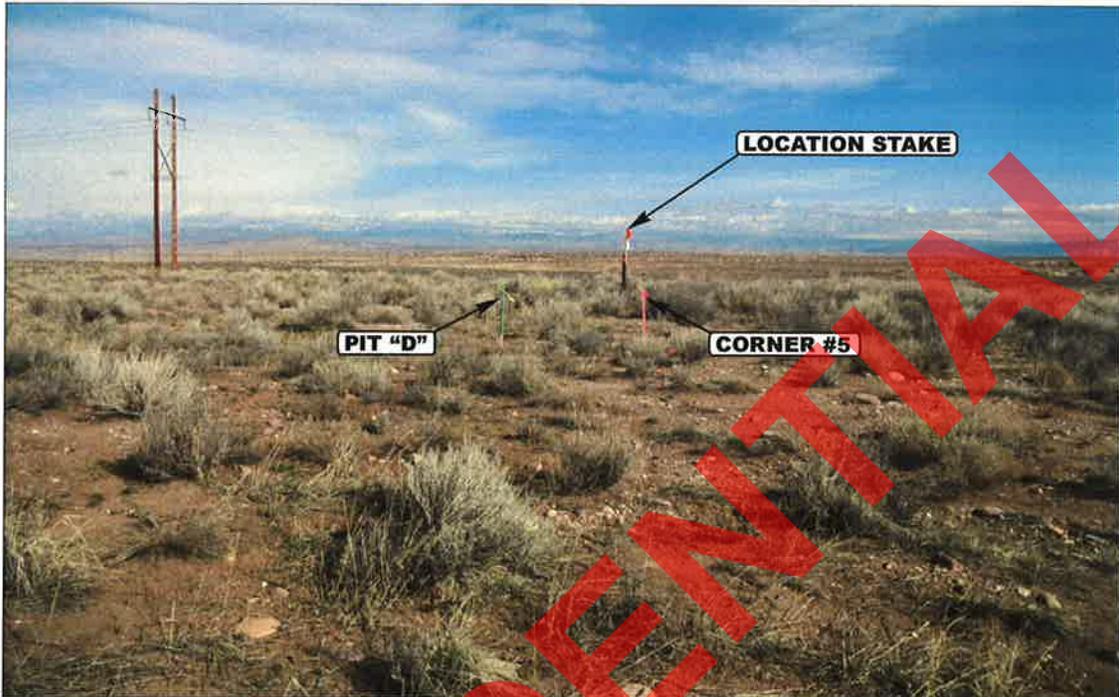


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: NORTHERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: NORTHERLY



- Since 1964 -

UELS

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

LOCATION PHOTOS

04 12 11
MONTH DAY YEAR

PHOTO

TAKEN BY: A.F.

DRAWN BY: Z.L.

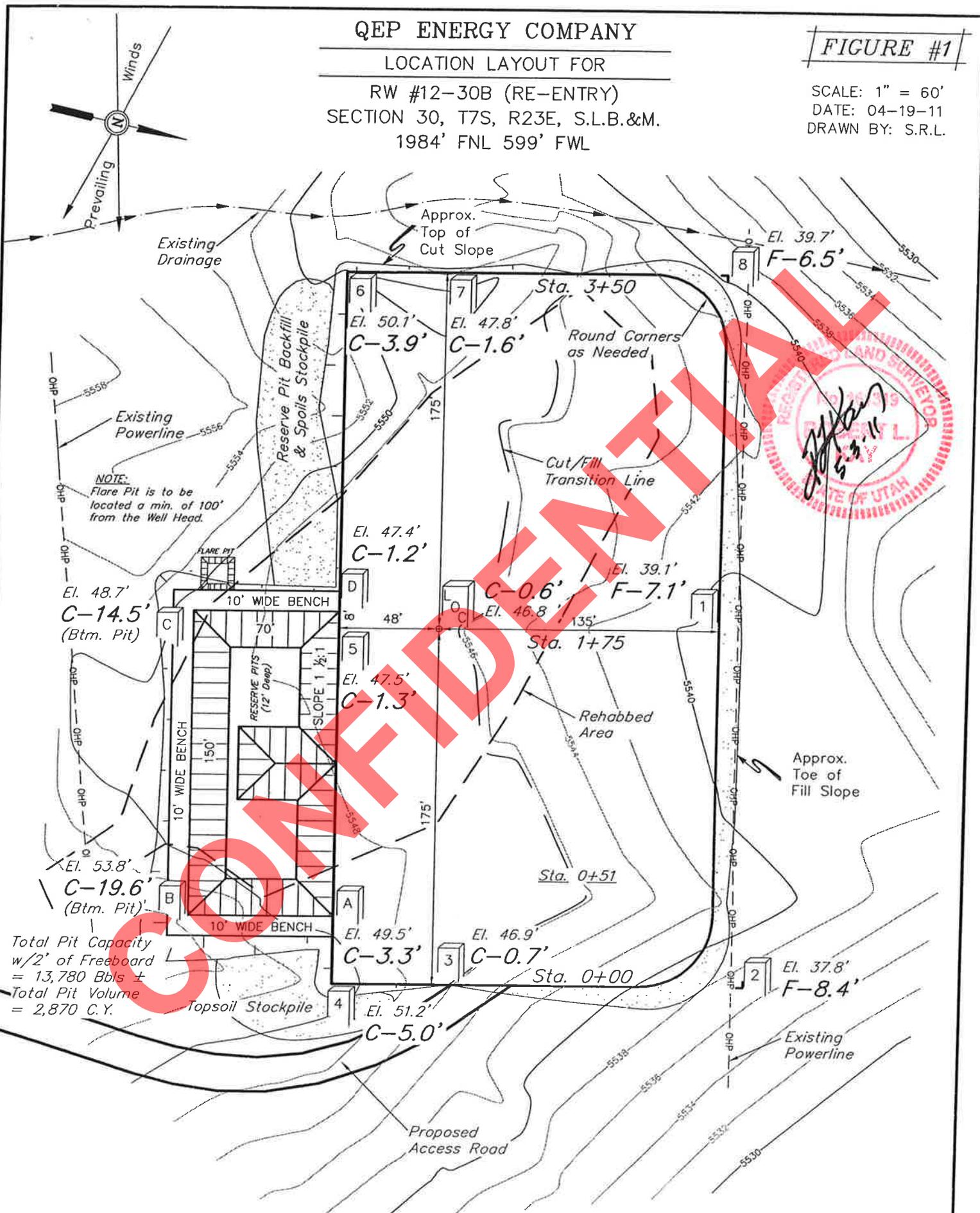
REVISED: 00-00-00

QEP ENERGY COMPANY

LOCATION LAYOUT FOR
 RW #12-30B (RE-ENTRY)
 SECTION 30, T7S, R23E, S.L.B.&M.
 1984' FNL 599' FWL

FIGURE #1

SCALE: 1" = 60'
 DATE: 04-19-11
 DRAWN BY: S.R.L.



Total Pit Capacity
 w/2' of Freeboard
 = 13,780 Bbbls ±
 Total Pit Volume
 = 2,870 C.Y.

Topsoil Stockpile

Elev. Ungraded Ground At Loc. Stake = 5546.8'
 FINISHED GRADE ELEV. AT LOC. STAKE = 5546.0'

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RECEIVED: Jun. 28, 2011

QEP ENERGY COMPANY

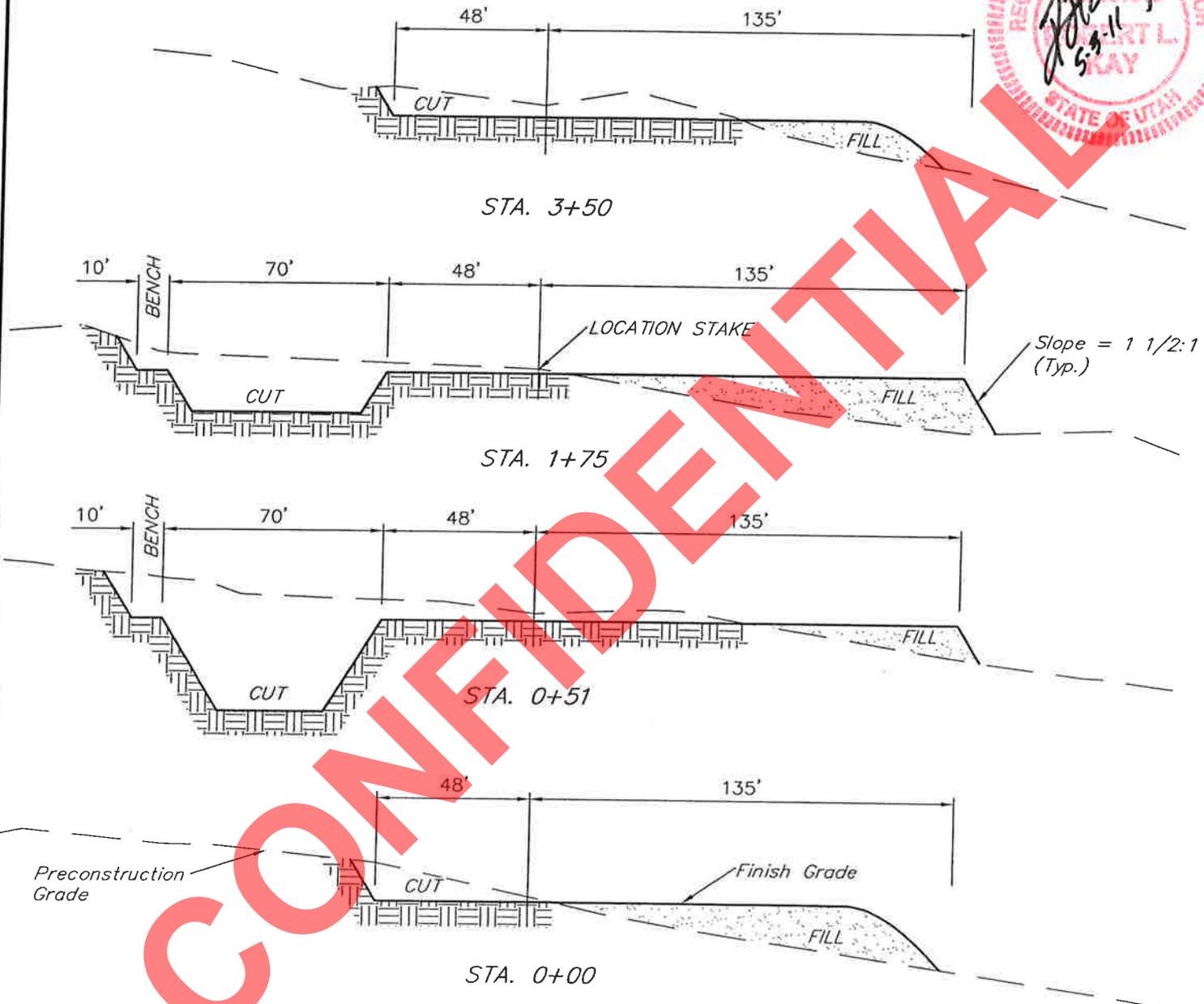
TYPICAL CROSS SECTIONS FOR

RW #12-30B (RE-ENTRY)
SECTION 30, T7S, R23E, S.L.B.&M.
1984' FNL 599' FWL

FIGURE #2

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

DATE: 04-19-11
DRAWN BY: S.R.L.



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NOTE:

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

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ± 1.938 ACRES
ACCESS ROAD DISTURBANCE = ± 0.444 ACRES
PIPELINE DISTURBANCE = ± 0.910 ACRES
TOTAL = ± 3.292 ACRES

* NOTE:
FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping = 800 Cu. Yds.
Remaining Location = 5,810 Cu. Yds.
TOTAL CUT = 6,610 CU.YDS.
FILL = 4,370 CU.YDS.

EXCESS MATERIAL = 2,230 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.) = 2,230 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation) = 0 Cu. Yds.

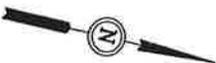
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QEP ENERGY COMPANY

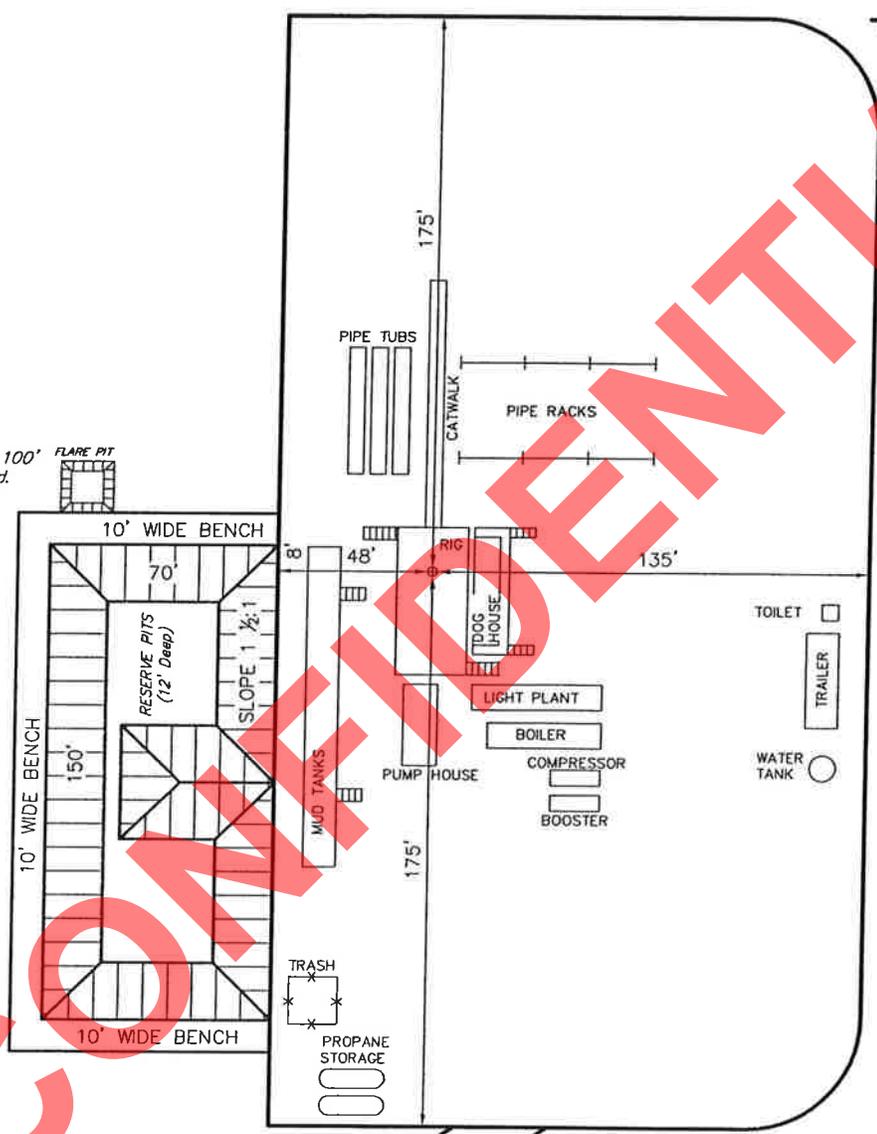
TYPICAL RIG LAYOUT FOR
RW #12-30B (RE-ENTRY)
SECTION 30, T7S, R23E, S.L.B.&M.
1984' FNL 599' FWL

FIGURE #3

SCALE: 1" = 60'
DATE: 04-19-11
DRAWN BY: S.R.L.



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



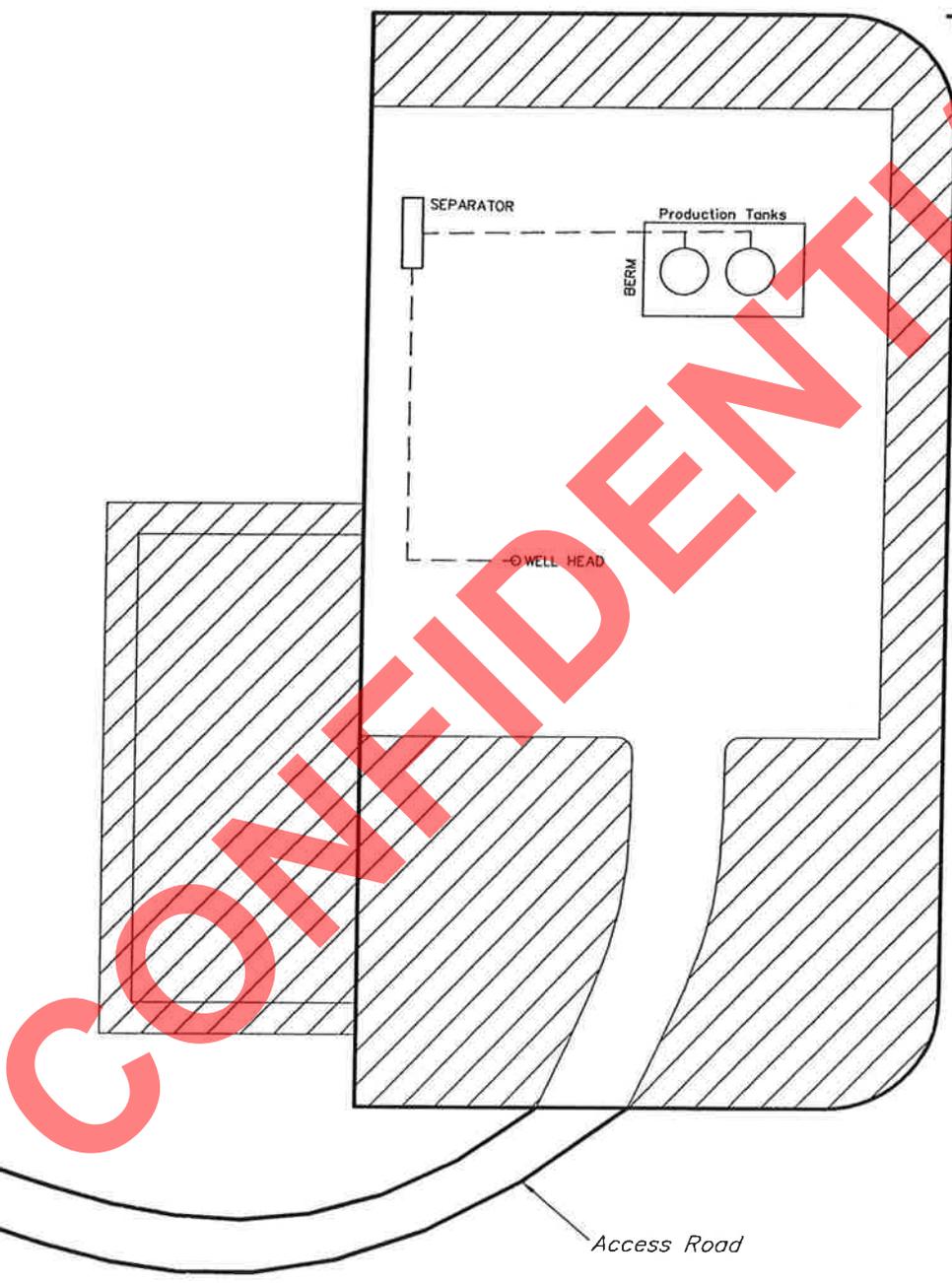
Proposed
Access Road

RECEIVED: Jun. 28, 2011

QEP ENERGY COMPANY
PRODUCTION FACILITY LAYOUT FOR
RW #12-30B (RE-ENTRY)
SECTION 30, T7S, R23E, S.L.B.&M.
1984' FNL 599' FWL

FIGURE #4

SCALE: 1" = 60'
DATE: 04-19-11
DRAWN BY: S.R.L.



 RECLAIMED AREA

UINTAH ENGINEERING & LAND SURVEYING
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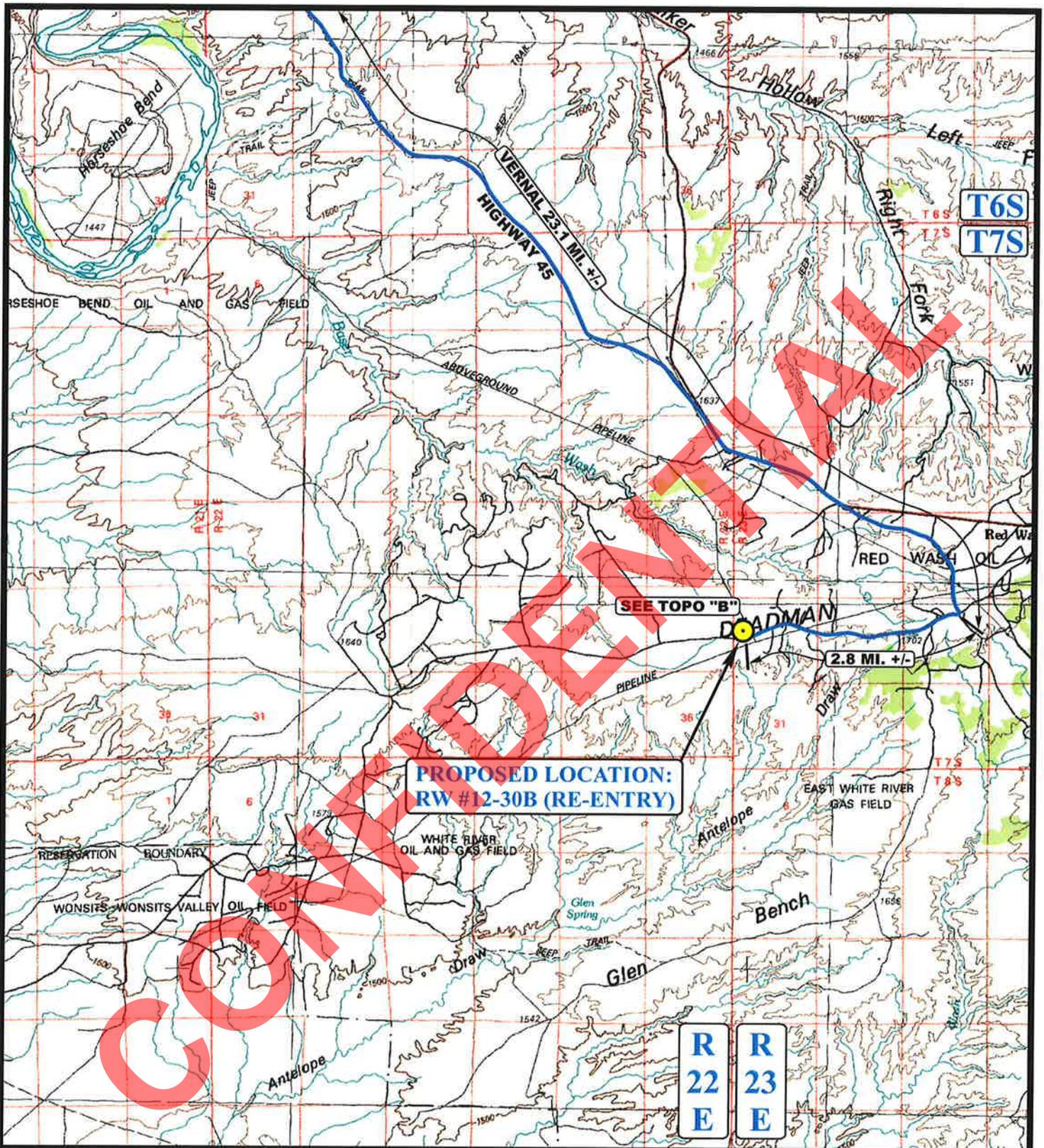
RECEIVED: Jun. 28, 2011

QEP ENERGY COMPANY
RW #12-30B (RE-ENTRY)
SECTION 30, T7S, R23E, S.L.B.&M.

PROCEED IN AN EASTERLY, THEN SOUTHERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 3.9 MILES TO THE JUNCTION OF STATE HIGHWAY 45; EXIT RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 19.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND THE BEGINNING OF THE PROPOSED ACCESS TO THE NORTH; FOLLOW ROAD FLAGS IN A NORHTERLY, THEN NORTHWESTERLY DIRECTION APPROXIMATELY 645' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 26.0 MILES.

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LEGEND:

PROPOSED LOCATION



QEP ENERGY COMPANY

**RW #12-30B (RE-ENTRY)
SECTION 30, T7S, R23E, S.L.B.&M.
1984' FNL 599' FWL**



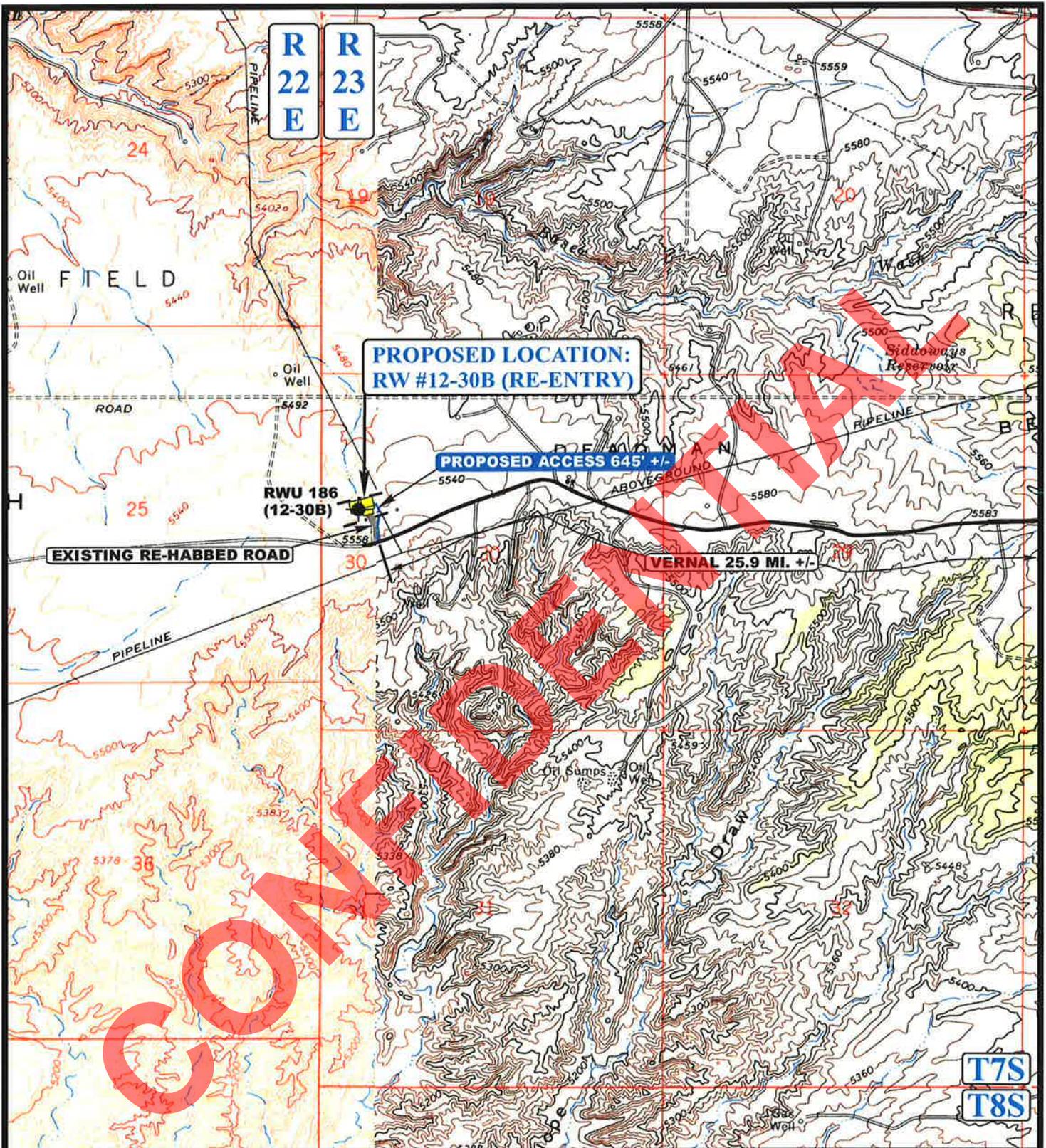
Utah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

**ACCESS ROAD
MAP**

04 12 11
MONTH DAY YEAR

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





LEGEND:

-  EXISTING ROAD
-  PROPOSED ACCESS ROAD
-  EXISTING RE-HABBED ROAD



QEP ENERGY COMPANY

RW #12-30B (RE-ENTRY)
SECTION 30, T7S, R23E, S.L.B.&M.
1984' FNL 599' FWL

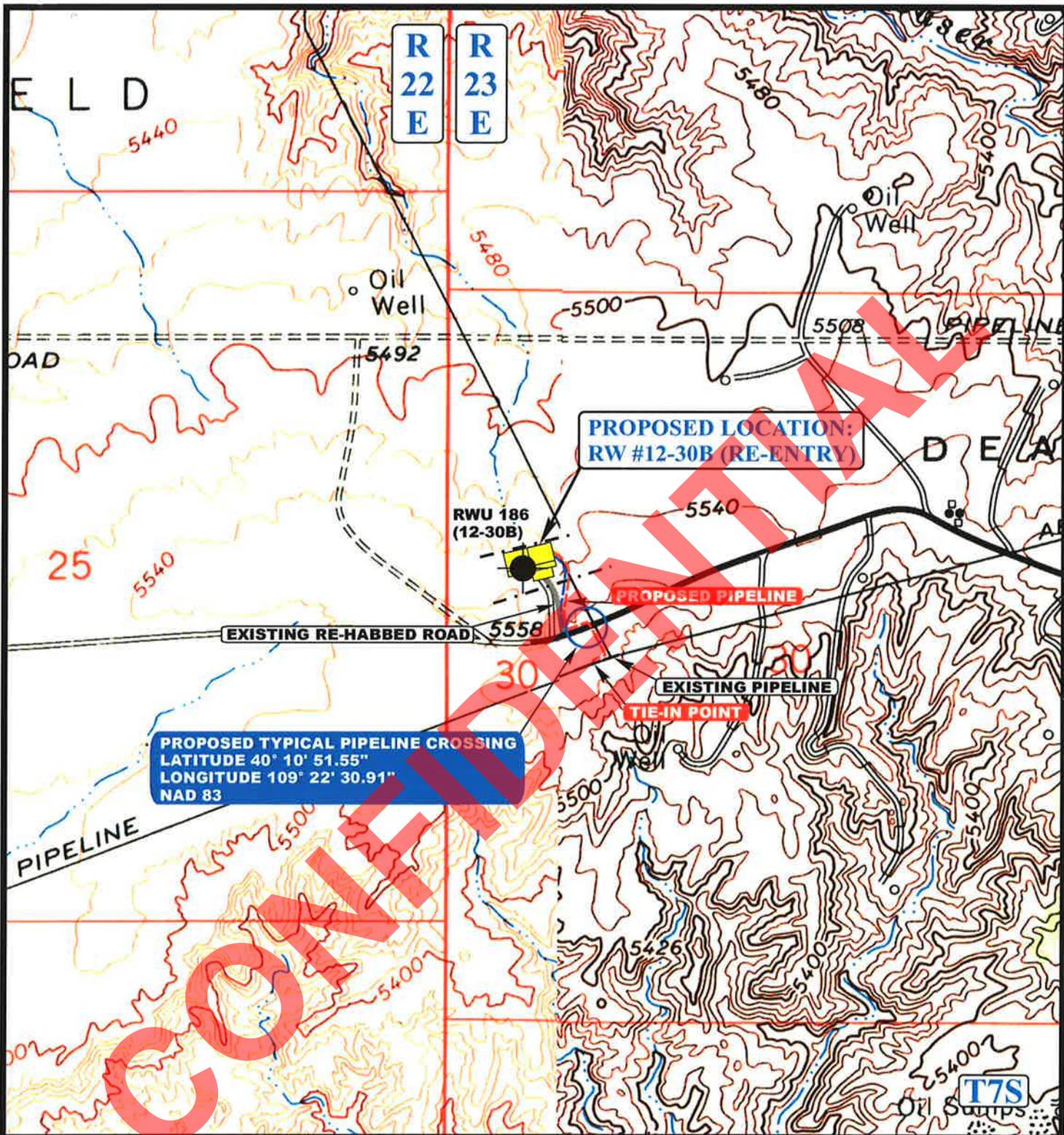


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ACCESS ROAD
MAP
 SCALE: 1" = 2000' DRAWN BY: Z.L.

04	12	11
MONTH	DAY	YEAR
REVISED: 00-00-00		





APPROXIMATE TOTAL PIPELINE DISTANCE = 1,321' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE
- EXISTING RE-HABBED ROAD

QEP ENERGY COMPANY

**RW #12-30B (RE-ENTRY)
SECTION 30, T7S, R23E, S.L.B.&M.
1984' FNL 599' FWL**



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



**TOPOGRAPHIC
MAP**

04	12	11
MONTH	DAY	YEAR

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



QEP ENERGY COMPANY

REFERENCE MAP: AREA OF VEGETATION
RW #12-30B (RE-ENTRY)
LOCATED IN UINTAH COUNTY, UTAH
SECTION 30, T7S, R23E, S.L.B.&M.

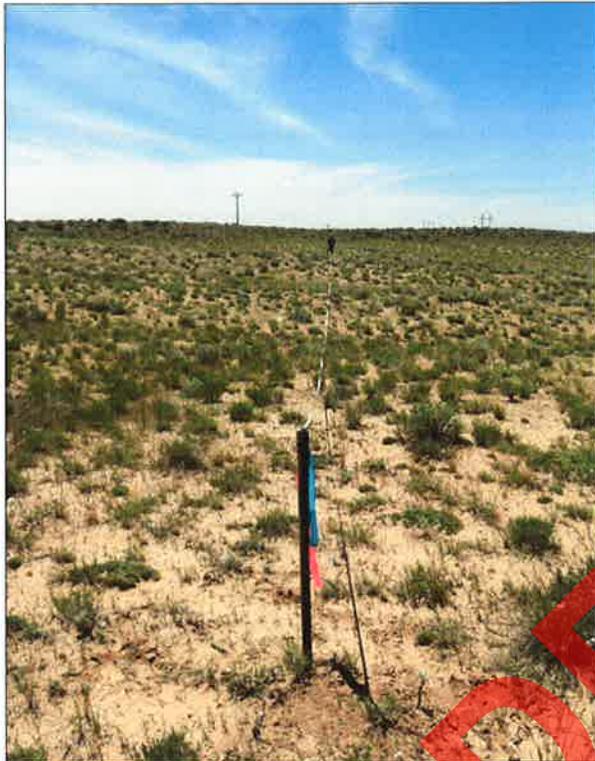


PHOTO: VIEW FROM BEGINNING OF REFERENCE AREA

NOTE:

BEGINNING OF REFERENCE AREA

UTM NORTHING: 14597111.659

UTM EASTING: 2093562.053

LATITUDE: 40.181900

LONGITUDE: -109.377642

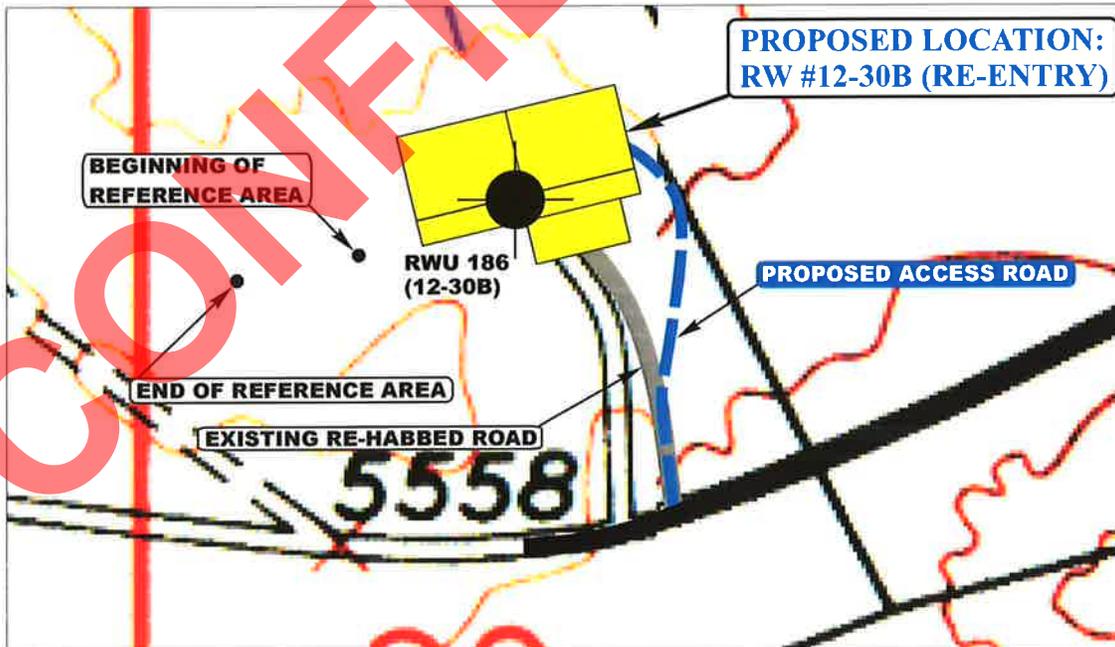
END OF REFERENCE AREA

UTM NORTHING: 14597067.609

UTM EASTING: 2093366.489

LATITUDE: 40.181789

LONGITUDE: -109.378344



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

SCALE: 1" = 300'

06 03 11
MONTH DAY YEAR

REF.

TAKEN BY: A.E. DRAWN BY: Z.L. REVISED: 00-00-00

WEED DATA SHEET

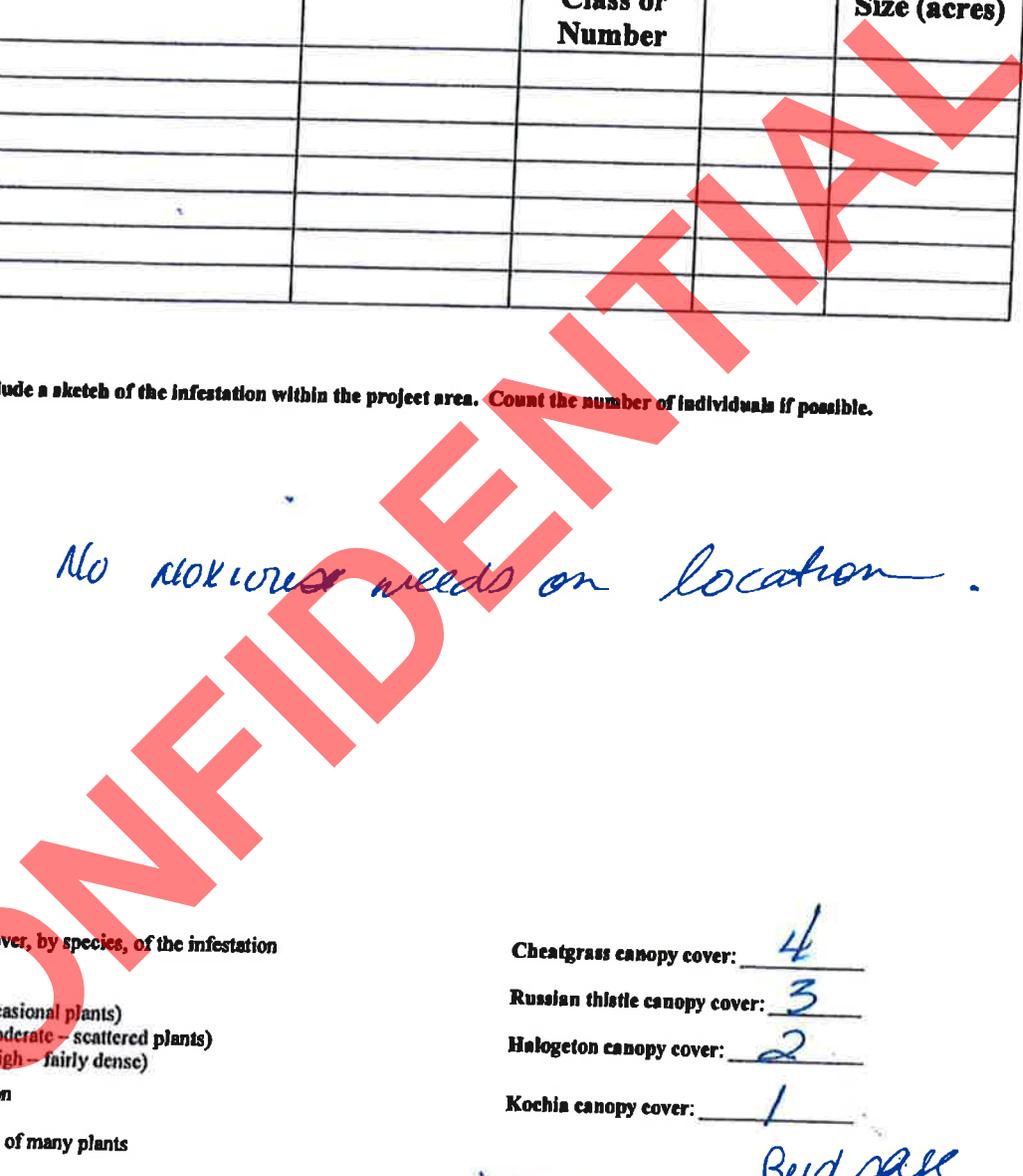
PROJECT NAME: *RW12-30*
 SURVEYOR: *Stephanie Tomkinson*

DATE: *5/25/11*

	Location GPS Coordinates	Site Description	Weed Species	Cover Class or Number	Pattern	Infestation Size (acres)
1						
2						
3						
4						
5						
6						
7						

SITE DRAWING (Optional): Include a sketch of the infestation within the project area. Count the number of individuals if possible.

No noxious weeds on location.



- Cover Class - estimated percent cover, by species, of the infestation**
- 0 = No weeds found
 - 1 = Less than 1% (trace)
 - 2 = One to five % (low - occasional plants)
 - 3 = Six to twenty-five % (moderate - scattered plants)
 - 4 = Twenty-five to 100 % (high - fairly dense)

- *Pattern - pattern of the infestation**
- 0 = No weeds found
 - 1 = Single plant or small area of many plants
 - 2 = Linear
 - 3 = Patchy
 - 4 = Block

- *Infestation Size - number of estimated acres of the infestation**
- 0 = No weeds found
 - 1 = Less than one acre
 - 2 = One to five acres
 - 3 = five or more acres

Cheatgrass canopy cover: 4
 Russian thistle canopy cover: 3
 Halogeton canopy cover: 2
 Kochia canopy cover: 1

Beid sage
 wheatgrass
 garden salt
 globemallow
 shadscale
 Rab br.
 WBS
 horse br.

Additional Operator Remarks

QEP Energy Company proposes to re-enter the existing plugged and abandoned well bore for the RW 12-30B and drill to a depth of 11, 657' 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.

CONFIDENTIAL

**QEP ENERGY COMPANY
RW 12-30B
1984' FNL 599' FWL
LOT #2, SECTION 30, T7S, R23E
UINTAH COUNTY, UTAH
LEASE # UTU-02030**

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

An onsite inspection was conducted for the RW 12-30B on May 25, 2011. Weather conditions were sunny at the time of the onsite. In attendance at the inspection were the following individuals:

Kevin Sadlier	Bureau of Land Management
Aaron Roe	Bureau of Land Management
Jan Nelson	QEP Energy Company
Stephanie Tomkinson	QEP Energy Company
Ryan Angus	QEP Energy Company
Valyn Davis	QEP Energy Company
Wade Hafey	QEP Field Service
Andy Floyd	Uintah Engineering & Land Surveying

1. Existing Roads:

The proposed well site is approximately 26 miles South of Vernal, Utah.

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

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

2. Planned Access Roads:

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

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

There will be a new access road approximately 645' in length, containing approximately .444 acres. The access road will be crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30 feet. Graveling or capping the roadbed will be performed as necessary to provide a well constructed safe road. Should conditions warrant, rock, gravel or culverts will be installed as needed.

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

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities:

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

The following guidelines will apply if the well is productive.

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

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

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

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

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

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

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

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

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

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

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

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

The proposed pipeline will be a surface 10" or smaller, 1,321' in length, containing .910 acres.

Road Crossings

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

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

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

5. Location and Type of Water Supply:

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

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

6. **Source of Construction Materials:**

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

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

Any gravel will be obtained from a commercial source.

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

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

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

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

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

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

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

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

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

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

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

Red Wash disposal well located in the NESW, Section 28, T7S, R22E,
Red Wash Central Battery Disposal located SWSE, Section 27, T7S, R23E,

West End Disposal located in the NESE, Section 28, T7S, R22E, or approved third-party surface evaporative pits.

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

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

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

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

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

8. **Ancillary Facilities:**

None anticipated.

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

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

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

The reserve pit.

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

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

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

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

10. 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 reference site has been established and is included in this application.

It was determined and agreed upon that there is 6" inches of top soil.

12. Surface Ownership:

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

13. Other Information:

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted on May 17, 2011, **Moac Report No. 11-091** by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

A Class III paleontological survey was conducted by Intermountain Paleo Consulting. A copy of this report was submitted on May 27, 2011 **IPC # 11-59** 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 will provide Paleo monitor if needed.

Per the onsite on May 25, 2011, the following items were requested/ discussed.

There is a Red Tailed Hawk Stipulation from March 15 to August 15. No construction or drilling will commence during this period unless otherwise determined by a wildlife biologist that the site is inactive.

There is a Burrowing Owl Hawk Stipulation from March 1 to August 31. No construction or drilling will commence during this period unless otherwise determined by a wildlife biologist that the site is inactive

Lessee's or Operator's Representative & Certification:

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

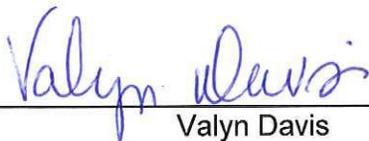
Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

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

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

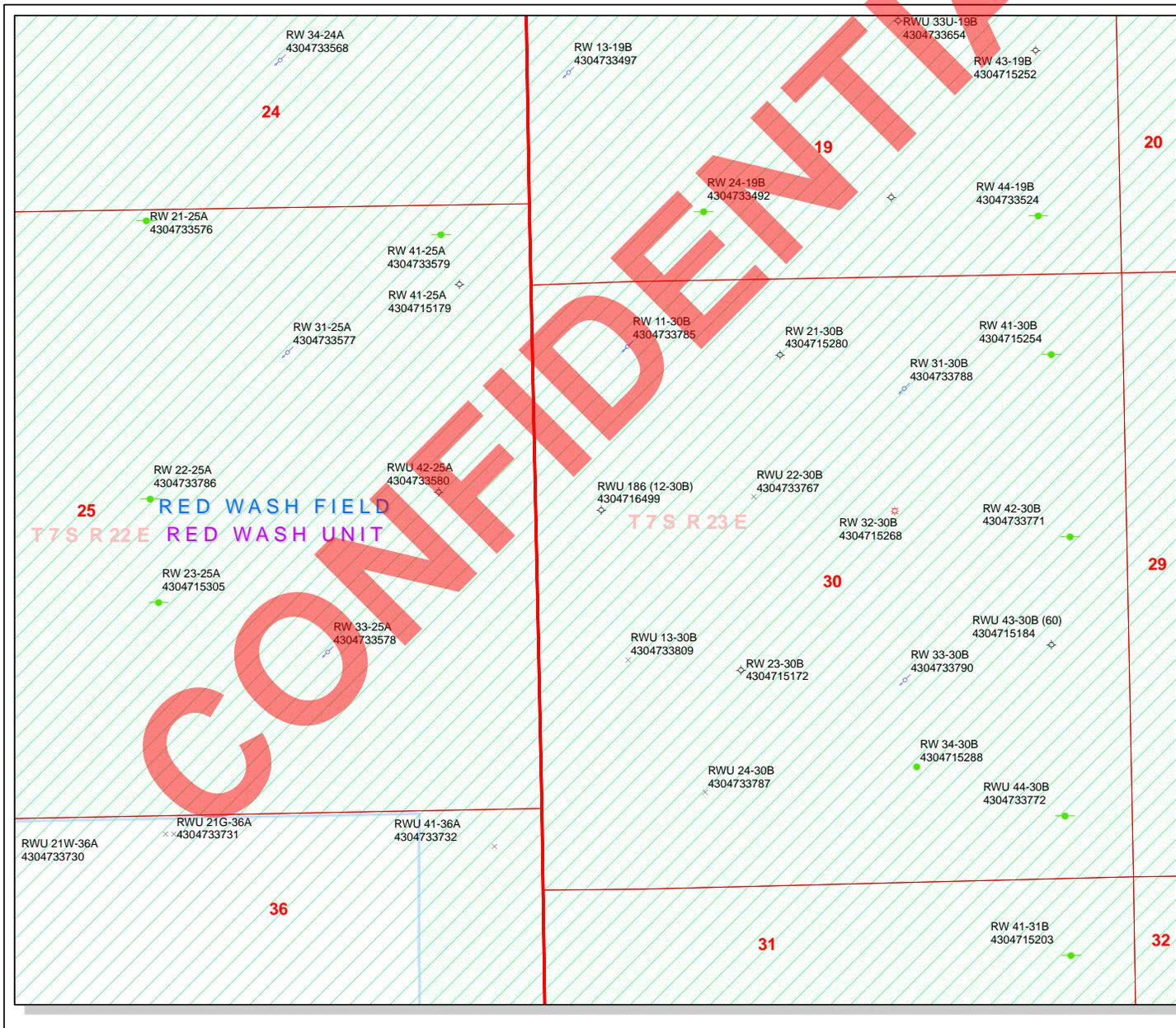
Bond coverage pursuant to 43 CFR 3104.2 for lease activities is being provided by Bond No. ESB000024

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


Valyn Davis

6/21/2011
Date

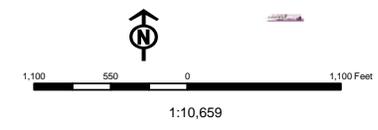
CONFIDENTIAL



API Number: 4304716499
Well Name: RWU 186 (12-30B)
Township T0.7 . Range R2.3 . Section 30
Meridian: SLBM
Operator: QEP ENERGY COMPANY

Map Prepared:
 Map Produced by Diana Mason

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



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

June 24, 2011

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2011 Plan of Development Red Wash Unit,
Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for re-entry, deepening and completion in the Mesaverde Formation. The work is planned for calendar year 2011 within the Red Wash Unit, Uintah County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ Mesaverde)		
43-047-15242	RWU 34-19B	Sec 19 T07S R23E 0700 FSL 1973 FEL
43-047-16499	RWU 186 (12-30B)	Sec 30 T07S R23E 1984 FNL 0599 FWL
43-047-15174	RWU 32-19B	Sec 19 T07S R23E 1829 FNL 1970 FEL
43-047-15280	RWU 21-30B	Sec 30 T07S R23E 0659 FNL 2182 FWL
43-047-15172	RWU 23-30B	Sec 30 T07S R23E 1873 FSL 1790 FWL

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

Michael L. Coulthard

Digitally signed by Michael L. Coulthard
DN: cn=Michael L. Coulthard, o=Bureau of Land Management,
ou=Branch of Minerals, email=Michael_Coulthard@blm.gov, c=US
Date: 2011.06.24 12:57:15 -0600

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

MCoulthard:mc:6-24-11

RECEIVED: Jun. 28, 2011

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 6/22/2011**API NO. ASSIGNED:** 43047164990000**WELL NAME:** RWU 186 (12-30B)**OPERATOR:** QEP ENERGY COMPANY (N3700)**PHONE NUMBER:** 435 781-4369**CONTACT:** Valyn Davis**PROPOSED LOCATION:** SWNW 30 070S 230E**Permit Tech Review:** **SURFACE:** 1984 FNL 0599 FWL**Engineering Review:** **BOTTOM:** 1984 FNL 0599 FWL**Geology Review:** **COUNTY:** Uintah**LATITUDE:** 40.18237**LONGITUDE:** -109.37604**UTM SURF EASTINGS:** 638258.00**NORTHINGS:** 4449053.00**FIELD NAME:** RED WASH**LEASE TYPE:** 1 - Federal**LEASE NUMBER:** UTU02030**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: 460' From Unit Boundary
- R649-3-11. Directional Drill

Comments: Presite Completed
650126 REENTRY CONV WIW:ORIG SPUD 12/29/62:COMPL & PA*D 1/20/63:TD 5839:650507 COMM WIW:771121
OP FR CALIF OIL CO:930608 INT PA:000918 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 186 (12-30B)
API Well Number: 43047164990000
Lease Number: UTU02030
Surface Owner: FEDERAL
Approval Date: 6/28/2011

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: UTU02030																														
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 186 (12-30B)																															
2. NAME OF OPERATOR: QEP ENERGY COMPANY	9. API NUMBER: 43047164990000																															
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: 1984 FNL 0599 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 30 Township: 07.0S Range: 23.0E Meridian: S	COUNTY: UINTAH STATE: UTAH																															
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA																																
TYPE OF SUBMISSION	TYPE OF ACTION																															
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12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. QEP Energy Company respectfully requests to change the name of the above captioned well from: RWU 186 (12-30B) to: RW 12-30B.																																
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 7/6/2011																															

RECEIVED

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT **JUN 22 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. UTU02030
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		8. Lease Name and Well No. RW 12-30B	
3b. Phone No. (include area code) Ph: 435-781-4369 Fx: 435-781-4395		9. API Well No. 43-047-16499	
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface Lot 2 1984FNL 599FWL 40.182336 N Lat, 109.376739 W Lon At proposed prod. zone Lot 2 1984FNL 599FWL 40.182336 N Lat, 109.376739 W Lon		10. Field and Pool, or Exploratory RED WASH	
14. Distance in miles and direction from nearest town or post office* 26		11. Sec., T., R., M., or Blk. and Survey or Area Sec 30 T7S R23E Mer SLB	
15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 599		12. County or Parish UINTAH	
16. No. of Acres in Lease 1875.80		13. State UT	
18. Distance from proposed location to nearest well, drilling, completed, applied for, on this lease, ft. 1750		17. Spacing Unit dedicated to this well 40.00	
21. Elevations (Show whether DF, KB, RT, GL, etc.) 5546 GL		20. BLM/BIA Bond No. on file ESB000024	
22. Approximate date work will start 11/01/2011		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 06/22/2011
Title REGULATORY AFFAIRS ANALYST		
Approved by (Signature) 	Name (Printed/Typed) Jerry Kenczka	Date NOV 30 2011
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.

Additional Operator Remarks (see next page)

Electronic Submission #111181 verified by the BLM Well Information System
For QEP ENERGY COMPANY, sent to the Vernal
Committed to AFMSS for processing by ROBIN R. HANSEN on 06/27/2011 ()

NOTICE OF APPROVAL

RECEIVED

DEC 14 2011

UDOGM

DIV. OF OIL, GAS & MINING

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

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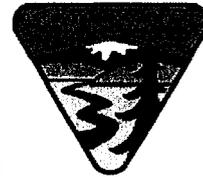


UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

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 12-30B
API No: 43-047-16499

Location: Lot 2, Sec. 30, T7S, R23E
Lease No: UTU-02030
Agreement:

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.
- QEP has agreed not to construct or drill during the following dates, unless otherwise determined by the BLM wildlife biologist.

Well Name	Burrowing Owl March 1 to August 31	Red Tailed Hawk March 1 to August 15	Ferruginous Hawk March 1 to August 1
RW 12-26B	No	No	No
RW 12-30B	Yes	Yes	No
RW 21-30B	Yes	Yes	No
RW 23-19B	No	No	No
RW 23-30B	No	Yes	No
RW 31-20B	Yes	No	No
RW 32-19B	No	Yes	No
RW 32-29B	No	No	Yes
RW 34-19B	Yes	Yes	No
RW 34-24B	Yes	No	Yes
RW 43-20B	No	No	No
RW 44-25B	No	No	Yes

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 reseeding.
- 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 also comply with 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 (¼¼, 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
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: UTU02030	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME: RED WASH	8. WELL NAME and NUMBER: RWU 12-30B
1. TYPE OF WELL Water Injection Well	9. API NUMBER: 43047164990000
2. NAME OF OPERATOR: QEP ENERGY COMPANY	9. FIELD and POOL or WILDCAT: RED WASH
3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078	PHONE NUMBER: 303 308-3068 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1984 FNL 0599 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 30 Township: 07.0S Range: 23.0E Meridian: S	COUNTY: Uintah STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/28/2013	<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
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	<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: June 28, 2012

By:

NAME (PLEASE PRINT) Valyn Davis	PHONE NUMBER 435 781-4369	TITLE Regulatory Affairs Analyst
SIGNATURE N/A	DATE 6/26/2012	



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 43047164990000

API: 43047164990000

Well Name: RWU 12-30B

Location: 1984 FNL 0599 FWL QTR SWNW SEC 30 TWNP 070S RNG 230E MER S

Company Permit Issued to: QEP ENERGY COMPANY

Date Original Permit Issued: 6/28/2011

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: 6/26/2012

Title: Regulatory Affairs Analyst 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: UTU02030
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 12-30B
2. NAME OF OPERATOR: QEP ENERGY COMPANY	9. API NUMBER: 43047164990000
3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078	PHONE NUMBER: 303 308-3068 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1984 FNL 0599 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 30 Township: 07.0S Range: 23.0E 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 +/- 309', BOTTOM HOLE FOOTAGES ARE: 2195' FNL, 374' FWL, LOT 2 (SWNW), SEC. 30, T7S, R23E, 40.181756 LAT, 109.377544 LON. QEP REQUESTS TO CHANGE THE TD TO 11,700'.

**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	

QEP ENERGY COMPANY

Well location, RW #12-30B (RE-ENTRY), located as shown in Lot 2 of Section 30, T7S, R23E, S.L.B.&M., Uintah County, Utah.

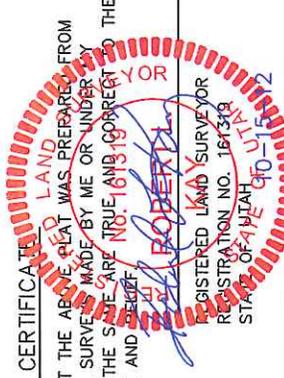
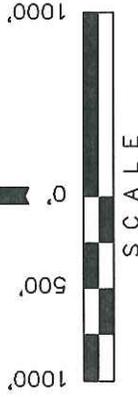
BASIS OF ELEVATION

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

BASIS OF BEARINGS

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

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	S46°45'38"W	308.62'



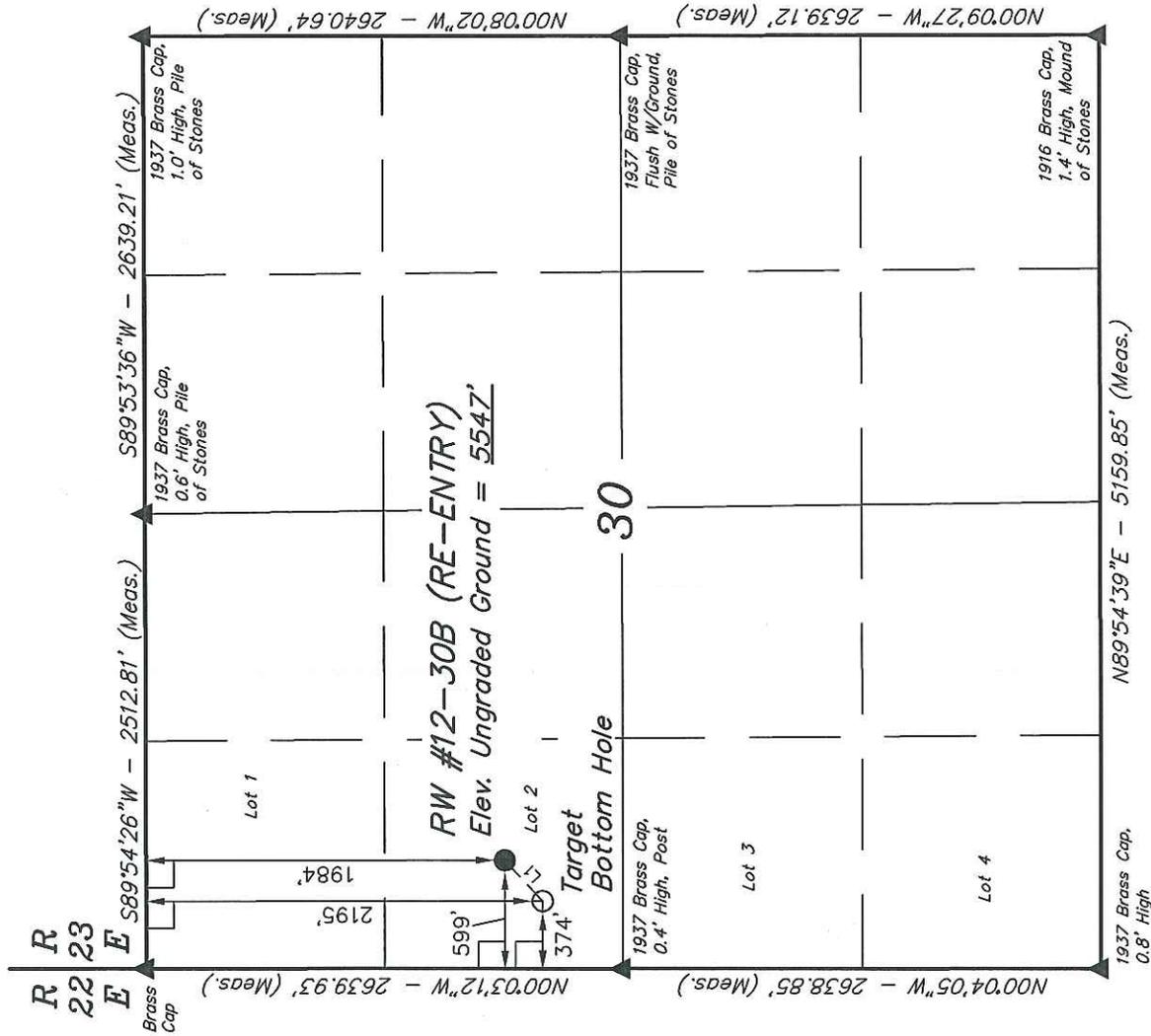
THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REV: 10-11-12 K.O.
REVISED: 5-25-11

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

SCALE	DATE SURVEYED:	DATE DRAWN:
1" = 1000'	04-07-11	04-14-11
PARTY	REFERENCES	
A.F. J.M. S.R.L.	G.L.O. PLAT	
WEATHER	FILE	
COOL	QEP ENERGY COMPANY	

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



LEGEND:

- = 90° SYMBOL
 - = PROPOSED WELL HEAD.
 - ▲ = SECTION CORNERS LOCATED
- | NAD 83 (TARGET BOTTOM HOLE) | NAD 83 (SURFACE LOCATION) |
|--|--|
| LATITUDE = 40°10'54.32" (40.181756) | LATITUDE = 40°10'56.41" (40.182356) |
| LONGITUDE = 109°22'59.16" (109.377544) | LONGITUDE = 109°22'56.26" (109.376739) |
| NAD 27 (TARGET BOTTOM HOLE) | NAD 27 (SURFACE LOCATION) |
| LATITUDE = 40°10'54.45" (40.181792) | LATITUDE = 40°10'56.54" (40.182372) |
| LONGITUDE = 109°22'56.70" (109.376861) | LONGITUDE = 109°22'53.80" (109.376056) |



QEP Energy Company

QEP ENERGY (UT)

**Red Wash
RW 12-30B
RW 12-30B**

Re-Entry

Plan: Plan ver.0

Standard Planning Report

01 October, 2012





QEP Resources, Inc.
Planning Report



Database:	EDMDB_QEP	Local Co-ordinate Reference:	Well RW 12-30B
Company:	QEP ENERGY (UT)	TVD Reference:	RKB @ 5560.00usft (AZTEC 781)
Project:	Red Wash	MD Reference:	RKB @ 5560.00usft (AZTEC 781)
Site:	RW 12-30B	North Reference:	True
Well:	RW 12-30B	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 12-30B				
Site Position:		Northing:	7,242,181.999 usft	Latitude:	40.182336
From:	Lat/Long	Easting:	2,233,585.801 usft	Longitude:	-109.376739
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	1.36 °

Well	RW 12-30B					
Well Position	+N/-S	-0.01 usft	Northing:	7,242,181.986 usft	Latitude:	40.182336
	+E/-W	0.00 usft	Easting:	2,233,585.802 usft	Longitude:	-109.376739
Position Uncertainty		0.00 usft	Wellhead Elevation:	5,546.00 usft	Ground Level:	5,546.00 usft

Wellbore	Re-Entry				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	10/1/2012	10.88	66.01	52,311

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	226.76

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		
5,700.00	0.00	0.00	5,700.00	0.00	0.00	0.00	0.00	0.00	0.00		
5,800.00	0.00	0.00	5,800.00	0.00	0.00	0.00	0.00	0.00	0.00		
6,535.99	14.72	250.02	6,527.92	-32.13	-88.36	2.00	2.00	0.00	250.02		
7,054.53	14.72	250.02	7,029.44	-77.16	-212.19	0.00	0.00	0.00	0.00		
8,035.85	0.00	0.00	8,000.00	-120.00	-330.00	1.50	-1.50	0.00	180.00		
9,300.85	0.00	0.00	9,265.00	-120.00	-330.00	0.00	0.00	0.00	0.00		
9,534.18	3.50	131.00	9,498.19	-124.67	-324.62	1.50	1.50	0.00	131.00		
11,700.03	3.50	131.00	11,660.00	-211.42	-224.83	0.00	0.00	0.00	0.00		



QEP Resources, Inc.
Planning Report



Database:	EDMDB_QEP	Local Co-ordinate Reference:	Well RW 12-30B
Company:	QEP ENERGY (UT)	TVD Reference:	RKB @ 5560.00usft (AZTEC 781)
Project:	Red Wash	MD Reference:	RKB @ 5560.00usft (AZTEC 781)
Site:	RW 12-30B	North Reference:	True
Well:	RW 12-30B	Survey Calculation Method:	Minimum Curvature
Wellbore:	Re-Entry		
Design:	Plan ver.0		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,700.00	0.00	0.00	5,700.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,800.00	0.00	0.00	5,800.00	0.00	0.00	0.00	0.00	0.00	0.00	
6,535.99	14.72	250.02	6,527.92	-32.13	-88.36	86.38	2.00	2.00	0.00	
7,054.53	14.72	250.02	7,029.44	-77.16	-212.19	207.44	0.00	0.00	0.00	
8,035.85	0.00	0.00	8,000.00	-120.00	-330.00	322.61	1.50	-1.50	0.00	
9,300.85	0.00	0.00	9,265.00	-120.00	-330.00	322.61	0.00	0.00	0.00	
9,534.18	3.50	131.00	9,498.19	-124.67	-324.62	321.90	1.50	1.50	0.00	
11,700.03	3.50	131.00	11,660.00	-211.42	-224.83	308.62	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 12-30B (05C1-30B)	0.00	0.00	9,265.00	-163.46	-280.44	7,242,011.925	2,233,309.347	40.181887	-109.377743	
- hit/miss target										
- Shape										
- plan misses target center by 65.95usft at 9302.86usft MD (9267.01 TVD, -120.00 N, -330.00 E)										
- Circle (radius 100.00)										

Casing Points										
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")						
5,700.00	5,700.00	7"	7	9						

Formations										
Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)					
3,083.00	3,083.00	Green River		0.00						
4,053.00	4,053.00	Mahog. Bench		0.00						
6,579.50	6,570.00	Wasatch		0.00						
9,300.85	9,265.00	Mesaverde		0.00						
11,599.85	11,560.00	Sego		0.00						

Company Name: QEP ENERGY (UT)

Project: Red Wash
 Site: RW 12-30B
 Well: RW 12-30B
 Wellbore: Re-Entry
 Designer: Plan Ver.C

Aspects to True North
 Magnetic North: 10.68°
 Magnetic Field Strength: 5231.1 nT
 Dip Angle: 66.01°
 Model: IGRF2010

WELL DETAILS: RW 12-30B

Name: RW 12-30B (05C1-30B)
 Ground Level: 5546.00
 Slot

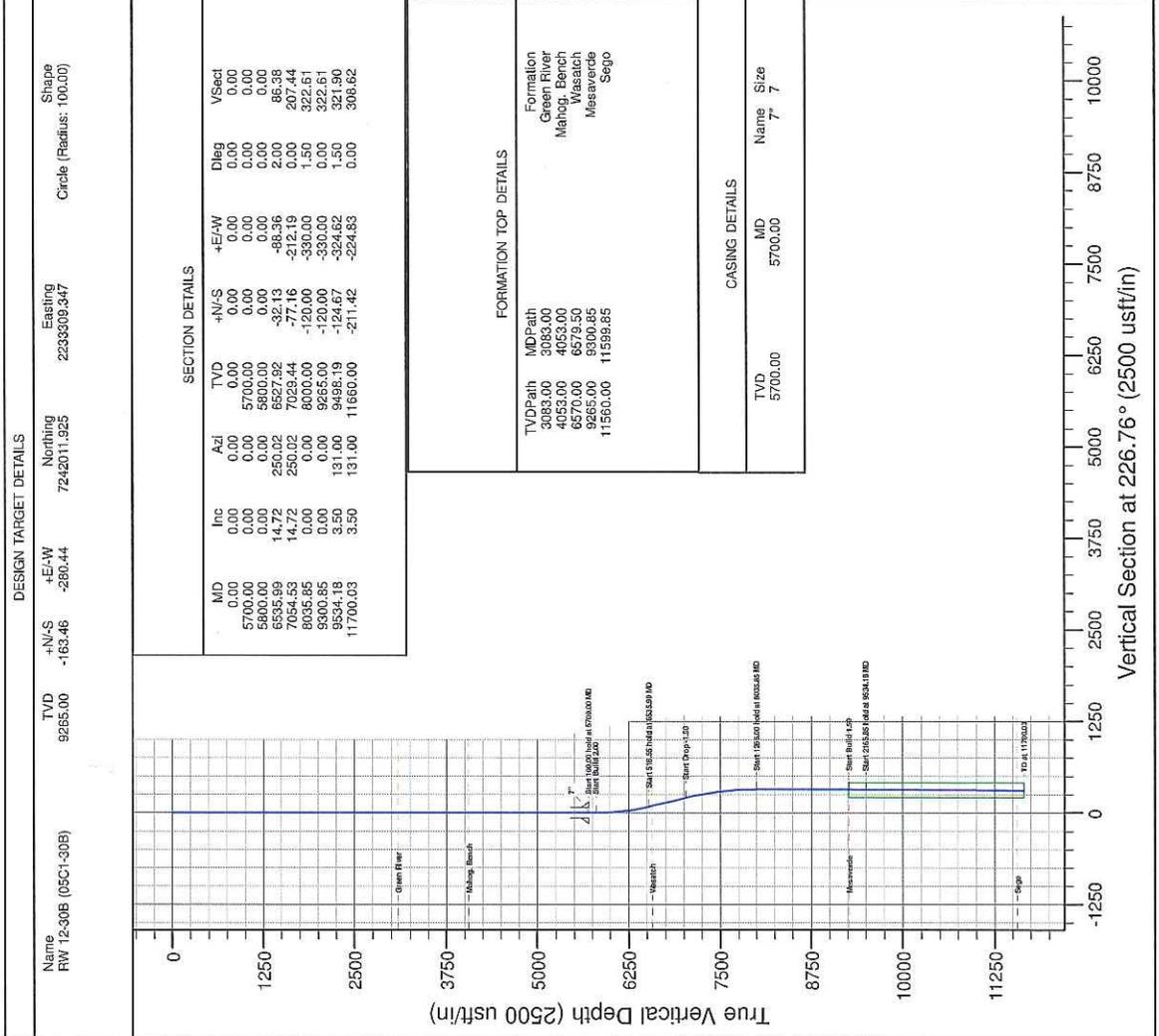
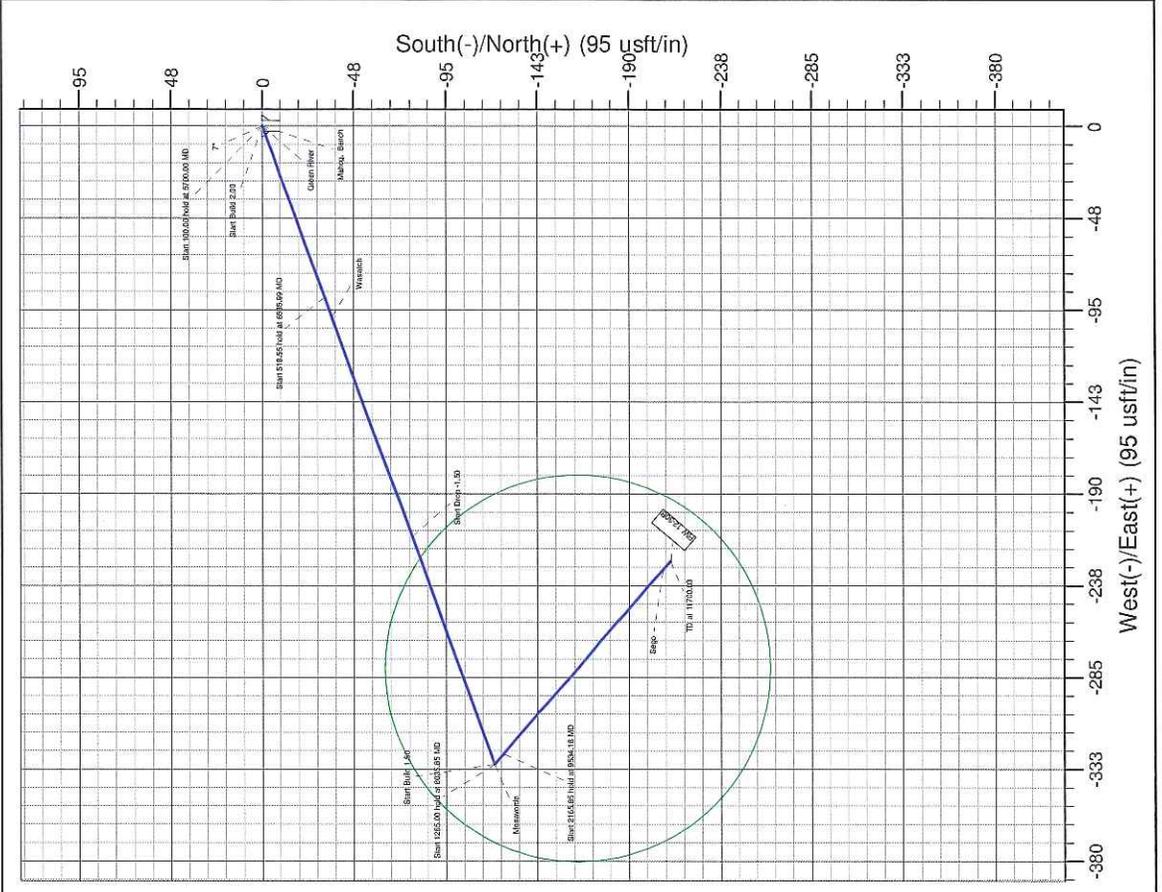
Parameter	Value
+N-S	0.00
+E-W	0.00
Northing	7242181.986
Easting	22333685.802
Longitude	-109.376739
Latitude	40.182338

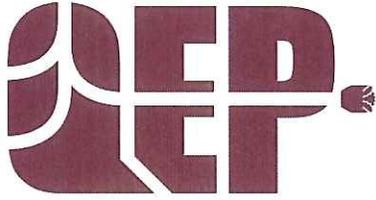
PROJECT DETAILS: Red Wash

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

REFERENCE INFORMATION

Co-ordinate (N/E) Reference: Well RW 12-30B, True North
 Vertical (TVD) Reference: RKB @ 5560.00usft (AZTEC 781)
 Section (VS) Reference: Slot - 0.00N, 0.00E
 Measured Depth Reference: RKB @ 5560.00usft (AZTEC 781)
 Calculation Method: Minimum Curvature





QEP Energy Company

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

jan.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 12-30B

1984' FNL, 599' FWL, LOT 2 (SWNW), SECTION 30, T7S, R23E (Surface)

2195' FNL, 374' FWL, LOT 2 (SWNW), SECTION 30, T7S, R23E (Bottom Hole)

Uintah County, Utah

Dear Ms. Mason:

Pursuant to the filing of QEP Energy Company Application for Permit to Drill regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649 -3-11 pertaining to the location and drilling of a directional well.

QEP Energy Company would like to optimize the bottom hole spacing of the Mesa Verde development; therefore, QEP Energy Company would like to drill this well directionally.

Furthermore, QEP Energy Company certifies that it is the sole working interest owner within 460 feet of the entire directional well bore.

Therefore, based on the above stated information QEP Energy Company requests the permit be granted pursuant to Rule R649-3-11.

Sincerely,

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

Jan Nelson
Permit Agent

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: UTU02030
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: RWU 12-30B
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1984 FNL 0599 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 30 Township: 07.0S Range: 23.0E Meridian: S	9. API NUMBER: 43047164990000
9. FIELD and POOL or WILDCAT: RED WASH	COUNTY: Uintah
9. API NUMBER: 43047164990000	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/28/2014	<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 HEREBY REQUESTS A ONE YEAR EXTENSION FOR THE APD ON THE ABOVE CAPTIONED WELL.

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

Date: July 01, 2013

By: 

NAME (PLEASE PRINT) Valyn Davis	PHONE NUMBER 435 781-4369	TITLE Regulatory Affairs Analyst
SIGNATURE N/A	DATE 6/25/2013	



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 43047164990000

API: 43047164990000

Well Name: RWU 12-30B

Location: 1984 FNL 0599 FWL QTR SWNW SEC 30 TWNP 070S RNG 230E MER S

Company Permit Issued to: QEP ENERGY COMPANY

Date Original Permit Issued: 6/28/2011

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: 6/25/2013

Title: Regulatory Affairs Analyst 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: UTU02030	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
7. UNIT or CA AGREEMENT NAME: RED WASH	
8. WELL NAME and NUMBER: RWU 12-30B	
9. API NUMBER: 43047164990000	
9. FIELD and POOL or WILDCAT: RED WASH	
COUNTY: UINTAH	
STATE: UTAH	
1. TYPE OF WELL Water Injection 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: 1984 FNL 0599 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 30 Township: 07.0S Range: 23.0E 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: 6/28/2015	<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
 Utah Division of
 Oil, Gas and Mining
 July 01, 2014**

Date: _____
By:

NAME (PLEASE PRINT) Valyn Davis	PHONE NUMBER 435 781-4369	TITLE Regulatory Affairs Analyst
SIGNATURE N/A	DATE 6/30/2014	



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 43047164990000

API: 43047164990000

Well Name: RWU 12-30B

Location: 1984 FNL 0599 FWL QTR SWNW SEC 30 TWNP 070S RNG 230E MER S

Company Permit Issued to: QEP ENERGY COMPANY

Date Original Permit Issued: 6/28/2011

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: 6/30/2014

Title: Regulatory Affairs Analyst Representing: QEP ENERGY COMPANY

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

OCT 17 2013

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. UTU02030
2. Name of Operator QEP ENERGY COMPANY		6. If Indian, Allottee or Tribe Name
3a. Address 11002 EAST 17500 SOUTH VERNAL, UT 84078		7. If Unit or CA/Agreement, Name and/or No. 892000761D
3b. Phone No. (include area code) Ph: 435-781-4369 Fx: 435-781-4395		8. Well Name and No. RW 12-30B
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 30 T7S R23E Lot 2 1984FNL 599FWL 40.182336 N Lat, 109.376739 W Lon		9. API Well No. 43-047-16499-00-X1
		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 Change to Original A PD
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate 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: 11/30/2011

VERNAL FIELD OFFICE

ENG. MR 81714

GEOLOG. _____

E.S. _____

PET. _____

RECL. _____

RECEIVED

AUG 27 2014

DIV. OF OIL, GAS & MINING

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

**Electronic Submission #222624 verified by the BLM Well Information System
For QEP ENERGY COMPANY, sent to the Vernal
Committed to AFMSS for processing by LESLIE BUHLER on 10/31/2013 (14LBB2358SE)**

Name (Printed/Typed) VALYN DAVIS	Title REGULATORY AFFAIRS ANALYST
Signature _____ (Electronic Submission)	Date 10/10/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>[Signature]</u>	Title Assistant Field Manager Lands & Mineral Resources	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 #222624

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	OTHER NOI	APDCH NOI
Lease:	UTU02030	UTU02030
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 12-30B Sec 30 T7S R23E Mer SLB 1984FNL 599FWL 40.182336 N Lat, 109.376739 W Lon	RW 12-30B Sec 30 T7S R23E Lot 2 1984FNL 599FWL 40.182336 N Lat, 109.376739 W Lon

CONDITIONS OF APPROVAL

QEP Energy Company

Notice of Intent

APD Extension

Lease: UTU-02030
Well: RW 12-30B
Location: Lot 2 Sec 30 T7S-R23E

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

1. The APD extension shall expire on 11/30/15
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
5. LEASE DESIGNATION AND SERIAL NUMBER: UTU02030	
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	
8. WELL NAME and NUMBER: RWU 12-30B	
9. API NUMBER: 43047164990000	
9. FIELD and POOL or WILDCAT: RED WASH	
9. COUNTY: Uintah	
9. STATE: UTAH	
1. TYPE OF WELL Water Injection Well	
2. NAME OF OPERATOR: QEP ENERGY COMPANY	
3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078	
PHONE NUMBER: 303 595-5919 Ext	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1984 FNL 0599 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 30 Township: 07.0S Range: 23.0E 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: 6/28/2016	<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
June 29, 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 6/25/2015	



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 43047164990000

API: 43047164990000

Well Name: RWU 12-30B

Location: 1984 FNL 0599 FWL QTR SWNW SEC 30 TWNP 070S RNG 230E MER S

Company Permit Issued to: QEP ENERGY COMPANY

Date Original Permit Issued: 6/28/2011

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

Signature: Valyn Davis

Date: 6/25/2015

Title: Regulatory Affairs Analyst Representing: QEP ENERGY COMPANY



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

June 23, 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 June 22, 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 23-30B 43-047-15172 (RE-ENTRY)
RW 32-19B 43-047-15174 (RE-ENTRY)
RW 34-19B 43-047-15242 (RE-ENTRY)
RW 21-30B 43-047-15280 (RE-ENTRY)
RW 12-30B 43-047-16499 (RE-ENTRY)



Diana Mason <dianawhitney@utah.gov>

Expired APD's

Jan Nelson <Jan.Nelson@qepres.com>
To: Diana Mason <dianawhitney@utah.gov>

Wed, Jun 22, 2016 at 8:20 AM

Hi Diana,

The APD's was returned from the BLM for the following:

Well Name	API #
RW 23-30B	4304715172
RW 32-19B	4304715174
RW 34-19B	4304715242
RW 21-30B	4304715280
RW 12-30B	4304716499

Let me know if you have any questions.

Thank you.

JAN NELSON
Sr. Permit Agent, Rockies Division

P 435.781.4331 \ M 435.828.8719

11002 East 17500 South
Vernal \ UT \ 84078

Jan.Nelson@qepres.com

www.qepres.com

