

Subsequent Report of Converting to
Water Injection - 9/22/75

FILE NOTATIONS	
Entered in NID File _____	Checked by Chief <u>AMS</u>
Entered On S R Sheet _____	Copy NID to Field Office _____
Location Map Pinned <input checked="" type="checkbox"/>	Approval Letter _____
Card Indexed <input checked="" type="checkbox"/>	Disapproval Letter _____
IWR for State or Fee Land _____	
COMPLETION DATA:	
Date Well Completed <u>3-9-65</u>	Location Inspected _____
OW <u>WT</u> _____ WW _____ TA _____	Bond released _____
GW _____ OS _____ PA _____	State of Fee Land _____
LOGS FILED	
Driller's Log <u>6-11-65</u>	
Electric Logs (No.) <u>3</u>	
E _____ I _____ E-I <input checked="" type="checkbox"/> _____ GR _____	GR-N _____ Micro _____
Lat. _____ Mi-L _____ Sonic _____	Other <u>Perforating Depth Control</u>

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
BELCO PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR
304 Main Street, Grand Junction, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface **556' FSL, 660' FWL Sec. 3**

 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

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

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

19. PROPOSED DEPTH
6000'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5119' Gr., 5121' KB

22. APPROX. DATE WORK WILL START*
Feb. 17, 1965

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13-3/4"	8-5/8"	24.00	300	225
7-7/8"	5-1/2"	14.00	6000	300

Drill 13-3/4" hole to 300'. Set 8-5/8" 24# Casing and cement to surface. W. O. C. 8 hrs. Drill out with 7-7/8" bit. Test all good oil or gas shows through Green River Formation. If commercial production is encountered, production casing will be run and cemented with sufficient cement to protect all productive zones and all water flows.

Anticipated spud date: Feb. 17, 1965.

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. ORIGINAL SIGNED BY
 SIGNED A. FRISCH TITLE District Superintendent DATE 2-15-65

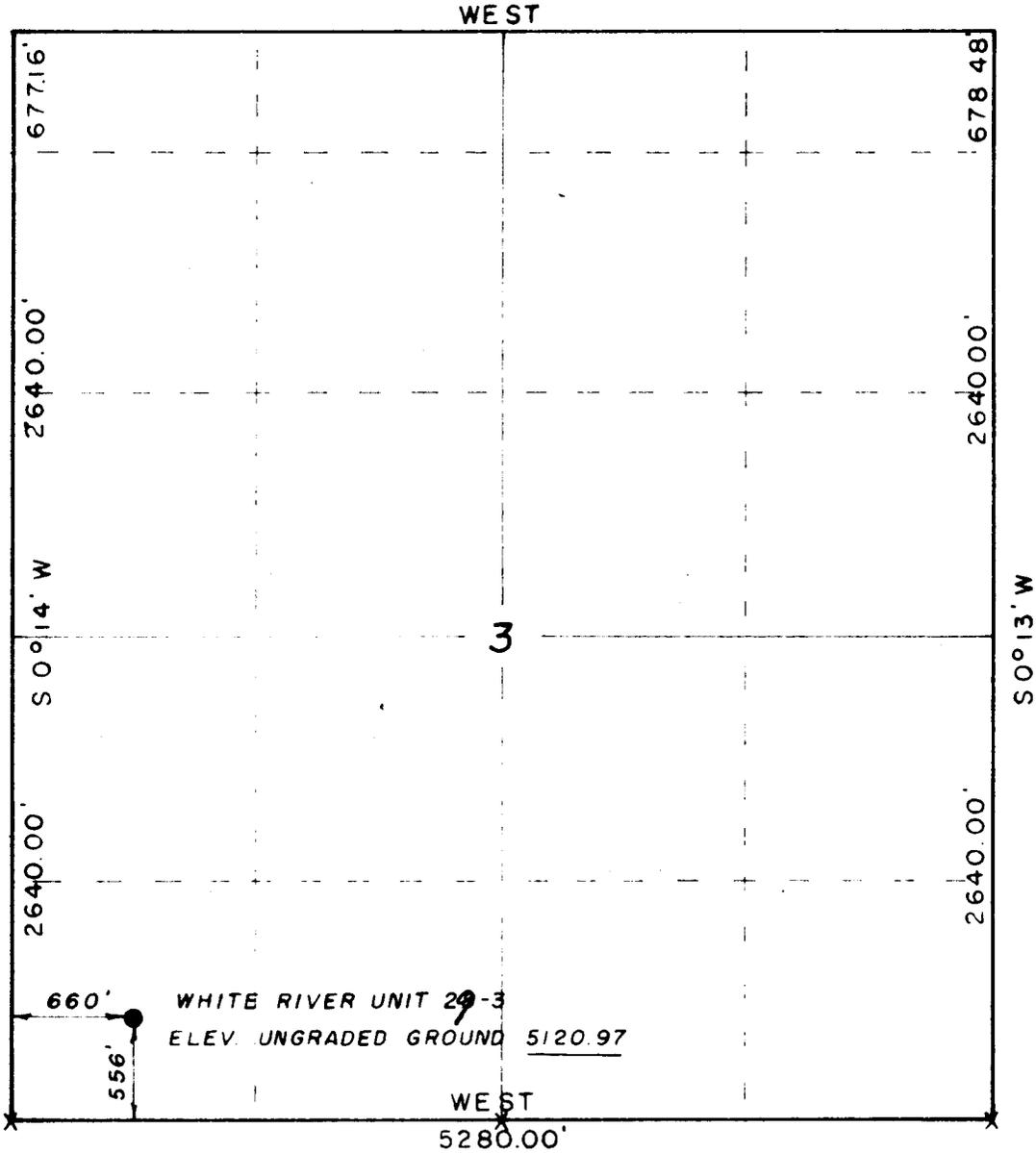
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

T8S, R22E, SLB&M



X= Corners Located (brass caps)

Scale: 1" = 1000'

UINTAH ENGINEERING
& LAND SURVEYING

P. O. Box 330
Vernal Utah

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.

Nelson J. Marshall
Registered Land Surveyor
Utah Registration No. 2484

PARTY
Gene Stewart
Ray Stewart

WEATHER Cloudy-Cold

SURVEY
BELCO PETROLEUM CORP
WELL LOCATION WHITE-RIVER UNIT NO 29, LOC-
ATED AS SHOWN IN THE SW1/4, SW1/4, SEC.3, T8S,
R22E, SLB&M, UINTAH COUNTY, UTAH.

DATE 12/4/64
REFERENCES
GLO Township plat
Approved 5/19/1945
FILE BELCO

Original
[Handwritten signatures]

Copy 1256

Form approved.
Budget Bureau No. 42-R366.6.

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

LAND OFFICE UTAH
LEASE NUMBER _____
UNIT WHITE RIVER

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County UINTAH Field WHITE RIVER

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

Agent's address 304 Main Street Company BELCO PETROLEUM CORP.
Grand Junction, Colo. Signed [Signature]

Phone 242-7202 Agent's title District Supt.

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)
9 NESE	8S	22E	15	24	4,696	28.2	1,174			
9 SWSE	8S	22E	16	28	5,713.38		1,828			
10 SENW	8S	22E	17	28	8,997		3,059			
9 SWNE	8S	22E	19	21	3,731		1,193			
9 SENW	8S	22E	20	28	2,360.48		1,700			
10 NESW	8S	22E	24	28	2,816.55		845			
9 NENE	8S	22E	25	23	5,887.04		1,766			
10 SWNE	8S	22E	27	5	300		90			
3 SWSE	8S	22E	30	5	481		144			
					34,982.45		11,799			Flared: 11,799
18 NWSE	8S	23E	40		TD 5940'. P&A 2-20-65. Spudded 2-1-65. Set 8-5/8" 24# J-55 casing at 422' w/300 sx. Rov. w/2% CaCl2 & 3% Salt.					
3 SWSW	8S	22E	29-3		PTD 3710' - drilling. Spudded 2-23-65. Set 8-5/8" casing at 316' w/240 sx. 2 1/2 HA-5.					
10 SENW	8S	22E	17	32			122,528			DUAL OIL-GAS WELL
9 SENW	8S	22E	20	32			45,147			DUAL OIL-GAS WELL

cc: 2 - USGS, 2 - NY, 4 - Denver, 2 - Gulf, 2 - UOGCC,
2 - CalOil, Vernal & Denver, 1 - Pullin, 1 - DCB, 2 - File

Note: There were 35,487 Gross runs or sales of gas, 167,675 M cu. ft. of gas sold;

NO runs or sales of gasoline for month of FEBRUARY. 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 UTAH
LEASE NUMBER _____
UNIT WHITE RIVER

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County UINTAH Field WHITE RIVER

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

Agent's address 304 Main Street Company BELCO PETROLEUM CORPORATION
Grand Junction, Colo. Signed ORIGINAL SIGNED BY

Phone 242-7202 Agent's title District 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)
3 SWSW	8S	22E	29		TD 5932', PB 5837'. 5-1/2" 14.00# J-55 Casing set at 5914' w/350 ex. pozmix cement w/10% salt and 1% CFR-1. Completed 3-24-65.					
4 SWSE	8S	22E	31		TD 5811', PB 5580'. NOCT. Spud 3-14-65. Set 8-5/8" 24.00# J-55 Casing @ 202' w/160 sacks regular cement w/2% CaCl ₂ . Set 4-1/2" 10.50# J-55 Casing at 4587' KB with 150 sacks pozmix "A" w/2% gel, 10% salt (by water), .1 of 1% TIC.					
3 NESW	8S	22E	33		PTD 371'. Spud 3-31-65. Set 8-5/8" 24.00# J-55 Casing at 361' w/285 sacks cement w/2% BA-5.					
cc:	2	USGS								
	2	UOGCC								
	2	NY								
	4	Conoco, Durango								
	2	Gulf, Casper								
	2	Caloil (Vernal, Denver)								
	1	Pullin								
	1	DCB								
	2	File								

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

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

U-02510A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

WHITE RIVER

8. FARM OR LEASE NAME

9. WELL NO.

29-3

10. FIELD AND POOL, OR WILDCAT

White River

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

Sec. 3-T8S-R22E SLB&M

12. COUNTY OR
PARISH

Uintah

13. STATE

Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

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

2. NAME OF OPERATOR

BELCO PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR

304 Main Street, Grand Junction, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface **556' FSL, 660' FWL Sec. 3**

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

2-23-65

16. DATE T.D. REACHED

3-9-65

17. DATE COMPL. (Ready to prod.)

3-24-65

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

5119' Gr., 5131' KB

19. ELEV. CASINGHEAD

5119'

20. TOTAL DEPTH, MD & TVD

5932'

21. PLUG, BACK T.D., MD & TVD

5837'

22. IF MULTIPLE COMPL.,
HOW MANY*

23. INTERVALS
DRILLED BY

0-5932'

ROTARY TOOLS

CABLE TOOLS

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

5786-5808' Green River

25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

IES, Microlog Caliper, Gamma Correlation

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
8-5/8"	24.00	316'	12-1/4"	240 sx. 2% HA-5	None
5-1/2"	14.00	5914'	7-7/8"	350 sx. w/10% Salt & 1% CPR-1	None

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	5852'	None

31. PERFORATION RECORD (Interval, size and number)

5790' Tandem Radial Jets, 8 Holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5790'	500 gal. 15% MCA

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
March 24, 1965	Pumping 2 1/2" x 1-3/4" x 18'	Producing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3-25-65	24			227	62	-0-	275
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
			227	62	-0-	28.6	

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

Vented

TEST WITNESSED BY

A. Maxfield

35. LIST OF ATTACHMENTS

1. Sample Description

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

SIGNED

A. Presich

TITLE

District Supt.

DATE

4-6-65

INSTRUCTIONS

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

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

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

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
			<p>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</p>	38. GEOLOGIC MARKERS		
			<p>DST #1 5777-86': ISI 1320/60 min., FSI 1320/60 min., IPP 0, FFP 58/60, HP 2776. REC. 205' GCO. NGTS. 1430.</p> <p>DST #2 4334-4343': IH 2175, ISI 1845/60 min., IF 366, FF 1108/165 min. FSI 1855/60 min., FR 2090. GTS 40 min. fluid in 67 min. Flowed 10 bbls. drlg. mud, then began making muddy water, finally just colored water at 10 bph. Making approx. 750 MCP. Rec. 914' muddy water.</p>	Wasatch	5916'	

OPERATOR Belco Petroleum Corp. FIELD White River
WELL NO. 29-3 Sec. T. R. B&M

Signed _____

DATE 4-6-65 Title _____

<u>Date</u>		
3-17-65	PBTD 5837'	Moved in completion unit. Ran correlation log. Perf. w/tandem radial jets at 5790'. Picking up tubing.
3-18-65		Ran 2-7/8" tubing. Acidized perfs. at 5790' w/500 gal. 15% MCA. Spotted acid across perfs. and let set 5 min. Formation broke at 2500 psi, went on vacuum after 1 bbl. of acid was pumped in formation. Found fluid at 1500' with swab. Swabbing acid water and oil at rate of 5 bph.
3-19-65		2-7/8" tubing landed as follows: 182 Jts. 5735.85' Baker Tbg. Anchor 2.76' 2 Jts. 63.56' SN 0.50' Perf. Mud Anchor 29.62' 1 Pup 8.00' Total.....5840.29' Landed at 5852.29' KB Ran rods as follows: 1 - 2-1/2 x 1-3/4 x 18 THD pump, 133 - 3/4" rods, 8 - 3/4" scraped, 91 - 7/8" scraped, 1 - 1-1/2" x 22' polished rod.
3-25-65		On at 6:00 P.M. 3-24-65.
3-27-65		24 hr. prod. 227 bbls. oil, 0.2% water, 0.3% B.S., 62 MCF gas.

H.

BEICO PETROLEUM CORPORATION
BIG PINEY DISTRICT
JUNE 3, 1965

WHITE RIVER UNIT #29-3
Section 3, SW SW, T8S, R22E
Uintah County, Utah

ELEVATION: GL 5119'
KB 5131'

SAMPLE DESCRIPTION

FROM	TO	LITHOLOGY
4450'	4460'	Sh (40%) pred gy & brn, frm, brit in pt, sl calc; ss (60%) lt gy, med vf, sbang-sbrd, cons, cln in pt, calc in pt, tt 0 stn, p cut & fluor
4460'	4490'	Sh (50%) as abv; ss (50%) as abv
4490'	4530'	Sh (40%) as abv; ss (60%) dk gy, brn, med-vf, sbang-sbrd, cons, tt-friab, drty, calc, tr-stn, p fluor, fr cut
4530'	4550'	Sh as abv; tr ss, as abv
4550'	4570'	Sh (90%) pred brn & gy, hd, ss (10%) as abv/scat cln ss
4570'	4590'	Sh (50%) as abv; ss (50%) lt tan-lt gy, vf, sbang-rd, cons, tt, calc, yel fluor, p cut
4590'	4670'	Ss, gy-lt yel tan, med, vf, sbang-sbrd, cons, bri, calc, Ost in pt, scat dk mnrls, 4586'-4600', 16' gas sand.
4670'	4680'	Sh (60%) as abv; ss (40%) as abv
4680'	4760'	Sh (40%), brn, gygn & gy, hd, sl calc, carb in pt; scat ss, 60%, brn-lt gy, slty-vf, cons, hd & tt, Ost in pt, calc, tr yel fluor, p cut
4760'	4790'	Sh (40%) as abv; ss (60%) lt-lt tan, slty-vf, sbang-sbrd, cons, pred tt, Ost in pt, sl calc-calc, p-fr srt, scat p yel fluor, p cut, tr 0 stn
4790'	4810'	Sh (70%) as abv; sltst 30%, lt tan, cons, calc, sl Ost in pt, scat yel fluor, p cut
4810'	4870'	Sltst & sh, brn, gy & gygn, hd, brit in pt, sl calc, tr carb mat
4870'	4910'	Sltst & sh, brn, gy & gygn, hd, brit in pt, tr carb mat; tr fluor/p cut
4910'	5170'	Sltst & sh as abv
5170'	5280'	Sltst & sh as abv
5280'	5290'	Sltst & sh (70%) as abv; ss (30%) lt tan, slty-vf, sbang-rd, cons, calc, scat stn, p fluor, fr cut
5290'	5520'	Pred sltst & sh, gy, gygn & brn, hd, brit in pt, slty in pt, sl calc, tr carb mat; tr scat ss, slty, vf, hd & tt

5520' 5550' Sh as abv; ss (50%) lt gy-lt tan, vf, sbang-sbrd, cons, hd & tt, calc, drk mnrls, yel fluor, fr stn, g cut

5550' 5610' Sltst & sh as abv

5610' 5620' Sltst & sh (40%) as abv; ss (60%) gy, vf, sbang-sbrd, cons, tr poz, sl calc, tr stn, g yel fluor, g cut

5620' 5680' Sltst & sh, gy, gygn, scat brn, sl calc, hd, Ost in pt

5680' 5700' Ss, lt gy, fn-vfn, sbang-rd, cons, scat dk mnrls, sl calc, NOSCOF

5700' 5740' Pred sltst & sh, gy, gy brn & gygn, hd, sl calc, Ost in pt, tr carb mat

5740' 5760' Ss, buff-gy, fn-vfn, sbang-rd, hd & tt, calc, tr ost

5760' 5820' Ss, ost 80%, lt tan-gy, blk, med fn, sbrd, hd & tt, calc, shly in pt, scat yel fluor/fr cut, scat stn

5820' 5840' Sh (80%) as abv; slty, abng Ost

5840' 5850' Ss, wh-gy, vf-slty, sbang-rd, calc, cons, hd & tt, scat yel fluor, p cut

5850' 5915' Sh, gy, gn, gygn/ scat brn sl calc

5915' 5925' TW - 5915', Sh & sltst, vari-col, firm, calc

TOTAL DEPTH - 5925'

June 14, 1965

Beico Petroleum Corporation
P. O. Box 1964
Grand Junction, Colorado 81502

Attention: A. Frisch, District Superintendent

Re: well Nos. White River Unit #29-3
White River Unit #31-4
White River Unit #33-3
Uintah County, Utah

Gentlemen:

We are in receipt of your well logs for the above mentioned wells. However, upon checking this information, we notice that you did not report the water sands encountered while drilling.

Please complete the enclosed Forms OGC-8-X, and return to this office as soon as possible.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

KATHY G. WARNER
RECORDS CLERK

kgw

Enclosure - Forms

P.O. Box 250
Big Piney, Wyoming 83113
Telephone (307) 276-3331

Belco Petroleum Corporation

July 11, 1975

Belco

United States Geological Survey
8426 Federal Building
Salt Lake City, Utah 84111

RE: White River Unit 29-3
SW SW Section 3, T8S, R22E
Uintah County, Utah

Gentlemen:

Enclosed is a Notice of Intention to convert the referenced well
to water injection.

Very truly yours,

BELCO PETROLEUM CORPORATION

ORIGINAL SIGNED BY
GEORGE E. NUGENT
George E. Nugent
District Manager

RAS/rgt
Enc.

cc: Utah Oil & Gas Commission
Gulf Oil Company, US - Casper, Wyoming
Houston
Denver
File

JUL 14 1975

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-02510A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

White River Unit

8. FARM OR LEASE NAME

9. WELL NO.

20-3

10. FIELD AND POOL, OR WILDCAT

Part. Area "B"

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

Section 3, T8S, R22E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Belco Petroleum Corporation

3. ADDRESS OF OPERATOR
P. O. Box 250, Big Piney, Wyoming 83113

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
560' FWL & 660' FWL (CU SW)

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5131' KB

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) <input checked="" type="checkbox"/> Convert to Water Injection			

(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.)*

Casing: 5-1/2", 14.00#, J-55 set @ 5914'

PEWD: 5637'

PERFORATIONS: 5790' Tandem Radial Jets, 8 holes

Propose to pull rods, pump and tubing. Clean out to PEWD at 5637'. Run in hole with tubing and packer. Set packer in tension at 5750'. Hook up well head and commence water injection.

APPROVED BY DIVISION OF
OIL & GAS CONSERVATION

DATE

BY

[Handwritten signature and date]
7-15-75

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

SIGNED *Robert Spurgman*

TITLE Engineering Technician

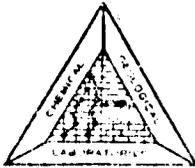
DATE 7/11/75

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____



CHEM LAB

WATER ANALYSIS EXCHANGE REPORT

MEMBER	California Oil Company	LAB NO.	20991	REPORT NO.	
OPERATOR	Belco Petroleum Corporation	LOCATION	SW SW 3-8S-22E		
WELL NO.	29-3 White River Unit	FORMATION	Green River		
FIELD	Red Wash	INTERVAL	4334-4344		
COUNTY	Uintah	SAMPLE FROM	DST No. 2 Upper Green River		
STATE	Utah	DATE	April 8, 1965		

REMARKS & CONCLUSIONS: Thin mud, high water loss, very light quebracho colored filtrate.
 Recovered 914 feet GCW.

Cations			Anions		
	mg/l	meq/l		mg/l	meq/l
Sodium	2,311	100.54	Sulfate	281	5.84
Potassium	20	0.51	Chloride	1,800	50.76
Lithium	2	0.29	Carbonate	240	7.99
Calcium	16	0.80	Bicarbonate	2,330	38.21
Magnesium	8	0.66	Hydroxide	-	-
Iron	absent	-	Hydrogen sulfide	absent	-
Total Cations 102.80			Total Anions 102.80		

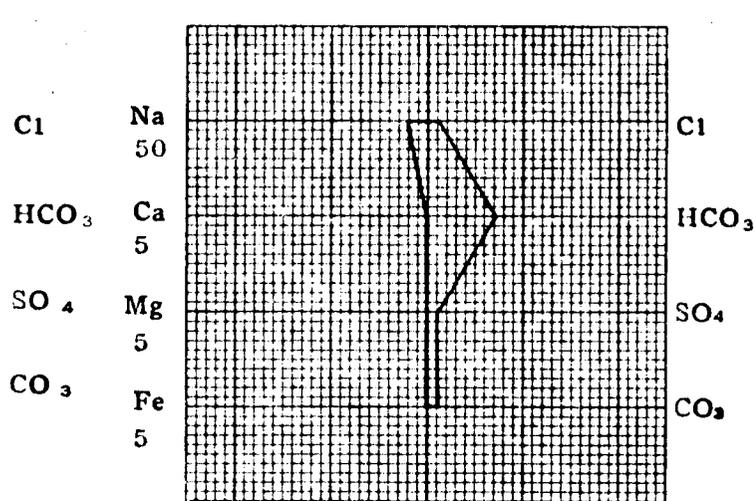
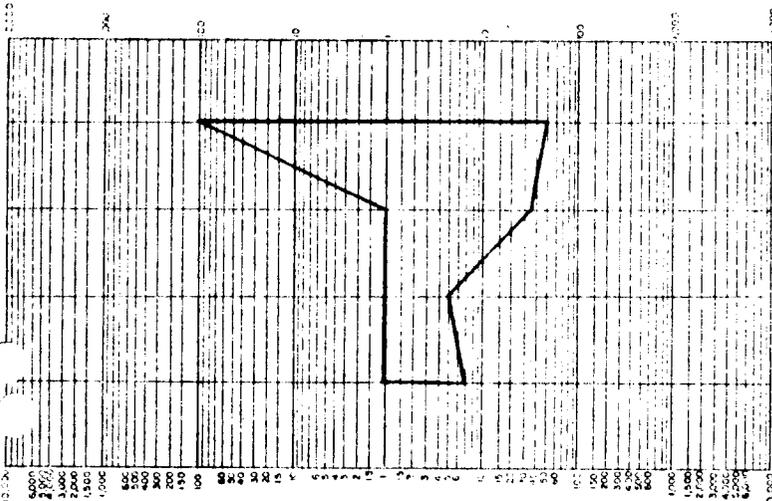
Total dissolved solids, mg/l	5,825	Specific resistance @ 68°F:	
NaCl equivalent, mg/l	5,236	Observed	1.22 ohm-meters
Observed pH	8.8	Calculated	1.20 ohm-meters

WATER ANALYSIS PATTERNS

MEQ per unit

LOGARITHMIC

STANDARD



(Na value in above graphs includes Na, K, and Li)
 NOTE: Mg/l=Milligrams per liter (ppm). Meq/l=Milligram equivalents per liter
 Sodium chloride equivalent=by Dunlap & Hawthorne calculation from components

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
348 EAST SOUTH TEMPLE
SUITE 301
SALT LAKE CITY, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: White River Unit #29-3

Operator Belco Petroleum Corp. Address Grand Junction Phone 242-7202
Colo.

Contractor Exeter Drlg. Co. Address Denver, Colo. Phone _____

Location 1/4 1/4 Sec. 3 T. 8S N R. 22E E
S W Uintah County, Utah.

Water Sands:

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1.	<u>None tested.</u>		
2.	_____		
3.	_____		
4.	_____		
5.	_____		

(Continued on reverse side if necessary)

Formation Tops: Wasatch 5916'

Remarks:

- NOTE:
- (a) Upon diminishing supply of forms, please inform the Commission.
 - (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (See back of form).
 - (c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

P.O. Box 250
Big Piney, Wyoming 83113
Telephone (307) 276-3331

K

PI

Belco Petroleum Corporation

September 22, 1975

Belco

United States Geological Survey
8426 Federal Building
Salt Lake City, Utah 84111

RE: White River Unit 29-3
SW SW Section 3, T8S, R22E
Uintah County, Utah

Gentlemen:

Attached is a Subsequent Report of Conversion to Water Injection for the referenced well.

Very truly yours,

BELCO PETROLEUM CORPORATION

ORIGINAL SIGNED BY
LEO R. SCHUELER

Leo R. Schueler
District Manager

RAS/rgt

Att:

cc: Utah Oil & Gas Conservation Commission ✓
Gulf Oil Company, US - Casper, Wyoming
Houston
Denver
File

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

UTAH - 02510-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

White River Unit

8. FARM OR LEASE NAME

9. WELL NO.

29-3

10. FIELD AND POOL, OR WILDCAT

Part. Area "B"

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

Section 3, T8S, R22E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

1.

OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

HELCO PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR

P. O. BOX 250, BIG PIPEY, WYOMING 83113

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

560' FSL & 660' FVL (SW SW)

14. PERMIT NO.

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

5131' KB

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)

Convert to Water Injection

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.)*

Casing: 5 1/2", 14.0#, J-55 set @ 5914' KB

PWD: 5837'

Perforations: 5700' Tandem Radial Jets, 8 holes

Pulled rods, pump and tubing. Cleaned out to PWD. Ran in hole with tubing and packer. Set packer at 5722'. Commenced water injection, 9/15/75.

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

SIGNED

Robert Springman

TITLE

ENGINEERING TECHNICIAN

DATE

9/22/75

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE
LEASE NUMBER
UNIT WHITE RIVER

LESSEE'S MONTHLY REPORT OF OPERATIONS

State County Field

The following is a correct report of operations and production (including drilling and producing wells) for the month of JANUARY, 1977.

Agent's address Company Bellco

Signed

Phone PAGE NO. 2 Agent's title

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)	
10 SWNE	8S	22E	27	24	352	27.7	128		2,356	P.	
3 SWSW	8S	22E	29	0	—		—		—	SHUT IN GAS WELL	
TOTAL:					7,725		534		26,389		
GAS (MCF)					OIL OR CONDENSATE (BARRELS)			WATER DISPOSITION: (BARRELS)			
0 SOLD					6552 SOLD			26,389 INJECTED			
0 VENTED: FLARED					0 USED			0 PIT			
534 USED ON LEASE					0 UNAVOIDABLY LOST			0 UNAVOIDABLY LOST			
0 LOST					REASON: NONE			REASON: NONE OTHER: NONE			
REASON: NONE											
PARACHUTE CREEK PARTICIPATING AREA											
10 SWNW	8S	22E	17	0	0		0		0	SHUT IN GAS WELL	
9 NESW	8S	22E	20	31	0		7,750		0	F.	
TOTAL											
GAS: (MCF)					OIL OR CONDENSATE: (BARRELS)			WATER DISPOSITION: (BARRELS)			
0 SOLD					0 SOLD			0 PIT			
0 VENTED: FLARED					0 USED			0 INJECTED			
7,750 USED ON LEASE					0 UNAVOIDABLY LOST			0 UNAVOIDABLY LOST			
0 LOST					REASON: NONE			REASON: NONE OTHER: NONE			
2 - USGS											
2 - UOGCC											
2 - FILE											
HOUSTON											
GULF											
CONTINENTAL											

Note.—There were 6,552 runs or sales of oil; 361 M cu. ft. of gas sold;

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE
LEASE NUMBER
UNIT WHITE RIVER

LESSEE'S MONTHLY REPORT OF OPERATIONS

State County Field

The following is a correct report of operations and production (including drilling and producing wells) for the month of APRIL, 1977,

Agent's address Company

Signed Robert H. White

Phone PAGE NO. 2 Agent's title OFFICE MANAGER

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)	
10 SWNE	8S	22E	27	27	351	27.7	127		1133	P.	
3 SWSW	8S	22E	29	0						SHUT IN GAS WELL	
TOTAL:					6,642		1,323		17,685		
GAS (MCF)					OIL OR CONDENSATE (BARRELS)			WATER DISPOSITION (BARRELS)			
0 SOLD					6916 SOLD			17,685 INJECTED			
0 VENTED: FLARED					0 USED			0 PIT			
1323 USED ON LEASE					0 UNAVOIDABLY LOST			0 UNAVOIDABLY LOST			
0 LOST					REASON NONE			REASON NONE - OTHER NONE			
REASON NONE											
PARACHUTE CREEK PARTICIPATING AREA											
10 SWNE	8S	22E	17	0	0		0		0	SHUT IN GAS WELL	
9 NENE	8S	22E	20	30	0		7500		0	P.	
TOTAL					OIL OR CONDENSATE (BARRELS)			WATER DISPOSITION (BARRELS)			
0 SOLD					0 SOLD			0 PIT			
0 VENTED: FLARED					0 USED			0 INJECTED			
7500 USED ON LEASE					0 UNAVOIDABLY LOST			0 UNAVOIDABLY LOST			
0 LOST					REASON NONE			REASON NONE			
OTHER NONE								OTHER NONE			
2 - USGS											
2 - UOGCC											
2- FILE											
HOUSTON											
GULF											
CONTINENTAL											

NOTE.—There were 6916 runs or sales of oil; 312 M cu. ft. of gas sold;

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

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

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
BELCO DEVELOPMENT CORPORATION
 ADDRESS P.O. BOX X
VERNAL, UTAH ZIP 84078
 INDIVIDUAL PARTNERSHIP CORPORATION
 FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
 INJECT FLUID INTO THE WRU 29-3 WELL
 SEC. 3 TWP. 8S RANGE 22E
UINTAH COUNTY, UTAH

CAUSE NO. _____

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

APPLICATION

Comes now the applicant and shows the Division the following:

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

Lease Name WHITE RIVER UNIT	Well No. 29-3	Field WHITE RIVER	County UINTAH
Location of Enhanced Recovery Injection or Disposal Well <u>SW/SW</u> Sec. <u>3</u> Twp. <u>8S</u> Rge. <u>22E</u>			
New Well To Be Drilled Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Old Well To Be Converted Existing Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Casing Test Yes <input type="checkbox"/> No <input type="checkbox"/> Date _____	
Depth-Base Lowest Known Fresh Water Within 1/2 Mile <u>100'</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
Location of Injection Source(s) ON LEASE	Geologic Name(s) and Depth of Source(s) GREENRIVER +5800'		
Geologic Name of Injection Zone GREENRIVER	Depth of Injection Interval <u>5786</u> to <u>5808</u>		
a. Top of the Perforated Interval: <u>5786'</u>	b. Base of Fresh Water: <u>100'</u>	c. Intervening Thickness (a minus b) <u>5686'</u>	
Is the intervening thickness sufficient to show fresh water will be protected without additional data? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>			
Lithology of Intervening Zones SAND AND SHALE			
Injection Rates and Pressures Maximum <u>500</u> B/D <u>400</u> PSI			
The Names and Addresses of Those To Whom Copies of This Application and Attachments Have Been Sent			
<u>GULF OIL CORPORATION</u>			
<u>BUREAU OF LAND MANAGEMENT</u> <u>VERNAL, UTAH</u>			

State of Utah)
 County of Uintah)
 _____)
 Applicant

Before me, the undersigned authority, on this day personally appeared _____ 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 6th day of October, 19 83

SEAL
 My commission expires 7-29-85

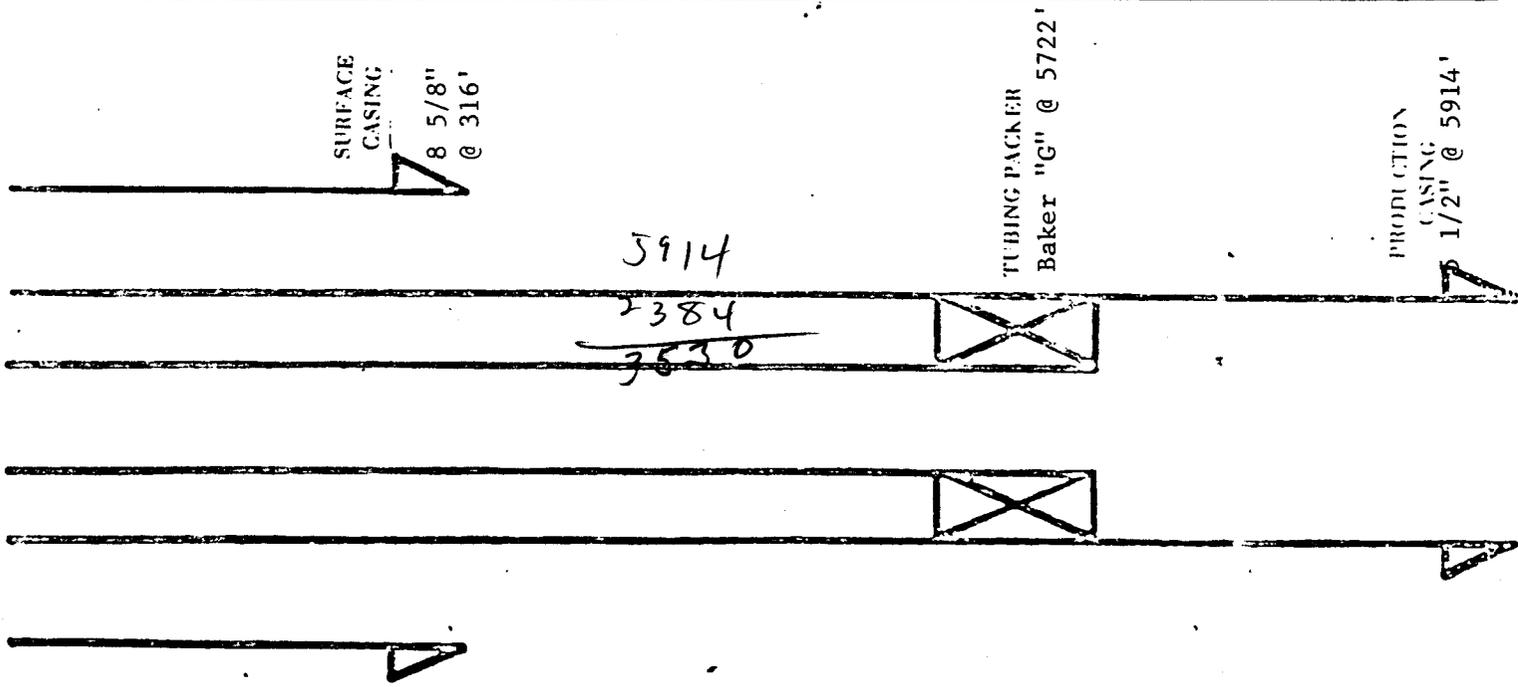
Harry Knutson
 Notary Public in and for State of Utah

1. Attach qualitative and quantitative analysis of fresh water from 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	8 5/8"	316'	240	Surface	Visual
Intermediate					
Production	5 1/2"	5914'	350	3530	
Tubing	2 7/8"	5722'	BAKER Name - Type - Depth of Tubing Packer MODEL "G" @ 5722'		
Total Depth 5932'	Geologic Name - Inj. Zone GREENRIVER		Depth - Top of Inj. Interval 5786'	Depth - Base of Inj. Interval 5808'	

SKETCH - SUBSURFACE FACILITY



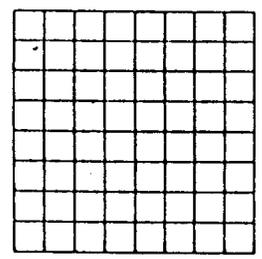
(To be filed within 30 days after drilling is completed)

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

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

COUNTY LEASE NO.

API NO
840 Acres
N



Locate Well Correctly
and Outline Lease

COUNTY UINTAH SEC. 3 TWP. 8S RGE. 22E
COMPANY OPERATING BELCO DEVELOPMENT CORP
OFFICE ADDRESS P.O. BOX X
TOWN VERNAL, UTAH STATE UTAH ZIP 84078
FARM NAME WHITE RIVER WELL NO. 29-3
DRILLING STARTED 2/23 1965 DRILLING FINISHED 3/9 1965
DATE OF FIRST PRODUCTION 3/25/65 COMPLETED 3/19/65
WELL LOCATED 1/4 SW 1/4 SW 1/4
556' FT. FROM SL OF 1/4 SEC. & 660' FT. FROM WL OF 1/4 SEC.
ELEVATION DERRICK FLOOR 5131' GROUND 5119'

TYPE COMPLETION

Single Zone X Order No. _____
Multiple Zone _____ Order No. _____
Comingled _____ Order No. _____

LOCATION EXCEPTION

OIL OR GAS ZONES

Name	From	To	Name	From	To
Greenriver	5786	5808			

CASING & CEMENT

Casing Set				Csg. Test	Cement		
Size	Wgt	Grade	Feet	Psi	Sax	Fillup	Top
5 1/2"	14#	K-55	5914'		350		

TOTAL DEPTH 5932'

PACKERS SET 5722'
DEPTH _____

FORMATION	GREENRIVER		
SPACING & SPACING ORDER NO.			
CLASSIFICATION (Oil; Gas; Dry; Inj. Well)	INJECTION WELL		
PERFORATED	5786-5808'		
INTERVALS			
ACIDIZED?	500 gals 15% MCA		
FRACTURE TREATED?	No		

INITIAL TEST DATA

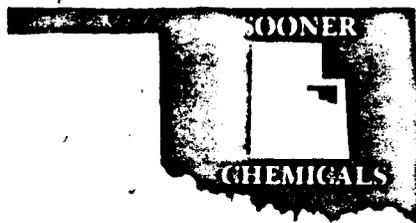
Date	3/25/65		
Oil. bbl./day	227		
Oil Gravity	28.6		
Gas. Cu. Ft./day	62	CF	CF
Gas-Oil Ratio Cu. Ft./Bbl.	275		
Water-Bbl./day	0		
Pumping or Flowing	Pumping		
CHOKE SIZE			
FLOW TUBING PRESSURE			

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

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 _____ Joe Ball Dist. Engineer
Name and title of representative of company

Subscribed and sworn before me this _____ day of _____, 19 _____.



SOONER CHEMICAL SPECIALTIES, INC.

P.O. Box 711 SEMINOLE, OKLAHOMA 74868 Phone (405) 382-2000
 P.O. Box 696 GRAND JUNCTION, COLORADO 81502 Phone (303) 858-9765
 P.O. Box 1436 ROOSEVELT, UTAH 84066 Phone (801) 722-3386

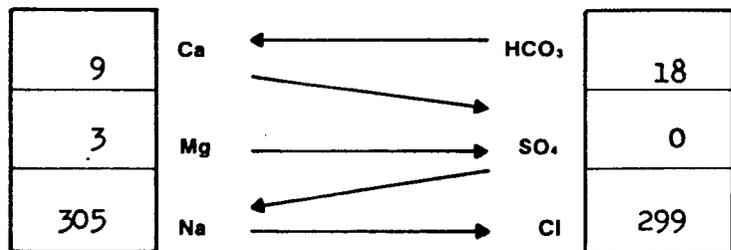
WATER ANALYSIS REPORT

COMPANY Belco Development Inc. ADDRESS Vernal, Utah DATE: 7-5-83
 SOURCE WRWF Water Injection DATE SAMPLED 7-1-83 ANALYSIS NO. 1136

Analysis	Mg/l (ppm)	*Meq/l
1. PH	<u>7.3</u>	
2. H ₂ S (Qualitative)	<u>30.0 ppm</u>	
3. Specific Gravity	<u>1.0155</u>	
4. Dissolved Solids		
5. Suspended Solids		
6. Anaerobic Bacterial Count <u>Initiated Culture</u> C/MI		
7. Methyl Orange Alkalinity (CaCO ₃)	<u>880</u>	
8. Bicarbonate (HCO ₃)	HCO ₃ <u>1,074</u> ÷61 <u>18</u> HCO ₃	
9. Chlorides (Cl)	Cl <u>10,620</u> ÷35.5 <u>299</u> Cl	
10. Sulfates (SO ₄)	SO ₄ <u>20</u> ÷48 <u>0</u> SO ₄	
11. Calcium (Ca)	Ca <u>180</u> ÷20 <u>9</u> Ca	
12. Magnesium (Mg)	Mg <u>36</u> ÷12.2 <u>3</u> Mg	
13. Total Hardness (CaCO ₃)	<u>600</u>	
14. Total Iron (Fe)	<u>0.1</u>	
15. Barium (Qualitative)	<u>0</u>	
16. Phosphate Residuals		

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Equiv. Wt.	X	Meq/l	=	Mg/l
Ca (HCO ₃) ₂	81.04		<u>9</u>		<u>729</u>
Ca SO ₄	68.07				
Ca Cl ₂	55.50				
Mg (HCO ₃) ₂	73.17		<u>3</u>		<u>220</u>
Mg SO ₄	60.19				
Mg Cl ₂	47.62				
Na HCO ₃	84.00		<u>6</u>		<u>504</u>
Na ₂ SO ₄	71.03				
Na Cl	58.46		<u>299</u>		<u>17,480</u>

Saturation Values	Distilled Water 20°C
Ca CO ₃	13 Mg/l
Ca SO ₄ · 2H ₂ O	2,090 Mg/l
Mg CO ₃	103 Mg/l

REMARKS _____

CLASS II FILE NOTATIONS

DATE FILED: 4/5/85 OPERATOR: Bilco WELL NO. WRU 29-3

Sec. 3 T. 85 R. 22E QRT/QRT: SWSW COUNTY: Ventura

New Well? Conversion? Disposal Enhanced Recovery

SURETY/Bond? Card Indexed? API Number: 43-047-15088

APPLICATION FILE COMPLETION

Completed Form DOGM-UIC-1? Yes

Plat identifying location and total depth of the following, Rule I-5(b)(1):

Surface Owner(s): 1 Operators: 1 water well(s) 2, ^{injection} abandoned well(s) 0, producing wells or drilling well(s) 0, dry holes 0.

Completed Rule I-5(b)(2)? NR, (i) _____, (ii) _____

Schematic diagram of Well: TD: 5932, PBTD: 5837, Depth of Inj/Disp interval: 5796-5808, geologic name of inj/dis interval Greenwich, Casing and cement: top 3530, bottom 5914, Size of: casing 8 1/2 at 316, 5 1/2 at 5914 tubing 2 3/8 at 5722, depth of packer: 5722

Assessment of existing cement bond: _____

Location of Bottomhole: SWSW MAXIMUM INJECTION RATE: 500 BWPD
MAXIMUM SURFACE INJECTION PRESSURE: 400 PSI

Proposed Operating Data:

Procedure for controlling injection rates and pressures: Switches 7 Project
Geologic name: Greenwich, depth, 2405, location of injection fluid source. Analysis of water to be injected _____ tds, water of injection formation 28629 AV1 tds., EXEMPTION REQUIRED? NO

Injection zone and confining zone data: lithologic description Sand & shale
geologic name Greenwich, thickness 3324, depth 2405, lateral extent 3684

USDW's that may be affected by injection: geologic name Ventura, lateral extent _____, depth to the top and bottom of all known USDW's 100' deep

Contingency plans? _____

Results of formation testing? None
Description of mechanical integrity test _____, injection procedure _____

CHECKED BY: UIC ADMINISTRATOR: _____

UIC GEOLOGIST: _____

Application Complete? _____ Notice Published _____ Date: 4/5/85
DIRECTOR: Approved? _____, approval letter sent _____, Requires hearing _____

ENRON
Oil & Gas Company

#29 Inc. 3 T8S R22E

P.O. Box X, Vernal, Utah 84078, Telephone (801) 789-0790

February 16, 1987

State of Utah
Division of Oil, Gas & Mining
355 W. North Temple
Salt Lake City, Utah

RECEIVED
FEB 20 1987

Attention: Ron Firth

DIVISION OF
OIL, GAS & MINING

Dear Mr. Firth:

This is to advise that Enron Oil and Gas has acquired the assets of the following companies:

Belco Development Corporation
Belco Petroleum - North America, Inc.
BelNorth Energy Corporation
BelNorth Petroleum Corporation
FEC Offshore Inventory Company
Florida Exploration Company
HNG Exploration Company
HNG Fossil Fuels Company
HNG Oil Company
HNG Oil (Sumatra) Inc.
IN Holdings, Inc.
InterNorth Exploration and Production Division
Ocelot Oil Company
Smitheastern Exploration Company

It is requested that all leases and well names be changed to reflect the new names. A list of affected lease numbers and well names is attached. Also, the bonding should be transferred to Enron Oil and Gas. Enron Oil and Gas Company, A Delaware Corporation, is wholly owned by Enron Corporation.

It is requested that 90 days be granted to have all the wells signs changed.

Also, attached is legal evidence of this ownership. If there are any questions or other information is needed please contact J. C. Ball at 789-0790 in the Vernal Office.

Sincerely yours,



J. C. Ball
District Superintendent

JCB:jl
cc A. C. Morris
D. Weaver
File
J. C. Ball
D. Wright

Part of the Enron Group of Energy Companies

WHITE RIVER UNIT

<u>WELL #</u>	<u>LEASE #</u>	<u>SECTION</u>	<u>TOWNSHIP</u>	<u>RANGE</u>
"B"	U02510A			
3	UTAH 0629	25	8S	22E
15	UTAH 058	9	8S	22E
16	UTAH 058	9	8S	22E
17	UTAH 029649	10	8S	22E
19	UTAH 0971	9	8S	22E
20	UTAH 058	9	8S	22E
24	UTAH 058	10	8S	22E
25	UTAH 0971	9	8S	22E
27	UTAH 029649	10	8S	22E
29	UTAH 02510A	3	8S	22E
30	UTAH 02510A	3	8S	22E
31	UTAH 02510A	4	8S	22E
33	UTAH 02510A	3	8S	22E
43	ML 22049	16	8S	22E
45	ML 22049	16	8S	22E
46	U 43915	9	8S	22E
47	U 43915	10	8S	22E

STAGECOACH UNIT

1	UTAH ML 3085	32	8S	22E
2	UTAH 0803	28	8S	21E
3	UTAH 0283	8	9S	22E
6	INDIAN 14-20-462-448	20	9S	21E
10-23	UTAH 025963	23	8S	21E
11-22	UTAH 025960	27	8S	21E
12-23	UTAH 025963	23	8S	21E
14-34	U 9613	34	8S	21E
15-27	U 0803	27	8S	21E
18-17	PATENTED	17	9S	22E
19-33	U 9613	33	8S	21E
21-8	U 0283	8	9S	22E
23-21 FED	U 025960	21	8S	21E
22-17	INDIAN 14-20-462-448	17	9S	22E

BUREAU OF OIL AND MANAGEMENT

U-02510A

SUNDRY NOTICES AND REPORTS ON WELLS

Use not on this form for proposals to drill or to operate or plug back to a different reservoir. Use APPLICATION FOR PERMIT - or and appropriate

030124 / 13

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR: ERNON OIL & GAS CO. FEB 26 1988

3. ADDRESS OF OPERATOR: P.O. BOX 1815, VERNAL, UTAH 84078 DIVISION OF OIL, GAS & MINING

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also spec 11 below.)
At surface: 560' FSL & 660' FWL SW/SW

5. WELL NO.: 29-3

6. FIELD AND FOOT, OR WINDCOT

7. SEC., T., R., E., OR S.W., AND CORNER OR AREA: Sec. 3, T8S, R22E

8. PERMIT NO.: 43-047-15088

9. DEVIATIONS (Show whether W, S, or, etc.): 5,131' KB

10. COUNTY OR PARISH: UINTAH

11. STATE: UTAH

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

- TEST WATER SHUT-OFF
- FRACTURE TREAT
- SHOOT OR ACIDIZE
- REPAIR WELL
- (Other)

- WELL OR ALTER CASING
- MULTIPLE COMPLETE
- ABANDON*
- CHANGE PLANE

- 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.)

12. 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 give pertinent to this work.)

SEE ATTACHMENT:

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

SIGNED: *J. Ball*

TITLE: DISTRICT SUPERINTENDENT DATE: FEB. 16, 1988

(This space for Federal or State office use)

APPROVED BY: _____
CONDITIONS OF APPROVAL, IF ANY:

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

DATE: 2-29-88

BY: *R. B. Bays*

*See Instructions on Reverse Side

WHITE RIVER 29-3
White River
Uintah Co., Utah
Sec 3, T8S, R22E
PBD 5,837'
J. W. Gibson
ENRON WI 67.33%

01/08/88 DAY #1 (5,790' Radial JETS 8 holes) P & A
Moved in RU pulling unit. RU pump tr & lines.
Released Baker Model "G" PRK. Closed well in. SDFN.
Daily Cost \$2,510 CUM Cost \$2,510

01/09/88 DAY #2 (5,790' Radial JETS 8 holes) P & A
Dug out wellhead. Found well leaking f/screwed
on flange. Changed pipe rams f/2 3/8 to 2 7/8.
Removed ice & cmt f/blind rams. NU BOPE. Attempted
to circ well w/MVD. POOH w/TBG. Laid dwn Model "G"
PRK. RIH. Circ. Closed well in. SDFN.
Daily Cost \$2,120 CUM Cost \$4,630

01/10/88 DAY #3 (5,790' Radial JETS 8 holes) P & A
RU Halliburton. Mixed & pumped 55 sxs class "H" cmt
w/2% CaCl₂. Displaced w/31 BBls mud. POOH w/15
stands TBG & reverse circ. WOC 4 hrs. Tagged top of
cmt @ 5,710'. Witnessed & approved
by BLM rep. POOH RU Pomrenke Wireline. RIH
wireline. Shot 4 - 1/2" holes @ 2,850'. RD. RIH
w/TBG equipped w/Howco cmt retainer & set @ 2,503'.
Closed well in. SDFN
Daily Cost \$2,720 CUM Cost \$7,350

01/11/88 DAY #4 (5,790' Radial JETS 8 holes) P & A
Lowered TBG, strung into retainer. RU Halliburton
Mixed & pumped 150 sxs Class "H" cmt. Displaced w/2
BBls WTR & 11 BBls mud. Unstrung f/retainer & spotted
7 sxs on top of retainer. POOH w/TBG. Stood back
7 stands, laying dwn remaining TBG. ND BOPE. Dug
out surf. value. RIH w/TBG to 469'. RU Halliburton
to 8 5/8 X 5 1/2 annulus. Mixed & pumped 85 sxs Class
"H" cmt & displaced w/1 BBl WTR. Then RU Halliburton
to 2 7/8 TBG. Mixed & pumped 45 sxs Class "H" cmt
f/460' to surf. POOH. Laid dwn 15 jts TBG. RD pump,
trace & lines. RD pulling unit. Well P & A'd.
Final report. Moved rig to WRU 33-3.
Daily Cost \$9,385 CUM Cost \$16,735

2/19/88 Dry hole marker installed.

