

work over 7-11-68

FILE NOTATIONS	
Entered in NFD File _____	Checked by Chief <u>PMB</u>
Entered On S R Sheet _____	Copy NFD to Field Office <u>AC</u>
Location Map Filled <input checked="" type="checkbox"/>	Approval Letter _____
Card Included _____	Disapproval Letter _____
IWR for State or Fee Land _____	
COMPLETION DATA:	
Date Well Completed <u>3-22-65</u>	Location Inspected _____
OW _____ WW _____ TA _____	Head released _____
GW <input checked="" type="checkbox"/> OS _____ PA _____	State of Fee Land _____
LOGS FILED	
Driller's Log <u>6-11-65</u>	
Electric Logs (No.) <u>2</u>	
E _____ I _____ SI <input checked="" type="checkbox"/>	SR <input checked="" type="checkbox"/>
SR-N _____	Misc <input checked="" type="checkbox"/>
Let _____	Scale _____
MLI _____	Other _____

Please include the following in the approval letter:
It is recommended that the minimum grade of pipe used for your surface casing be 5-55, 36 #/ft.
Please be advised that the cement will have to be circulated to surface and tested at a ~~minimum~~ minimum of 1200psi for 15 minutes.

H & Coats

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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.
U-02510-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
White River

8. FARM OR LEASE NAME

9. WELL NO.
31-4

10. FIELD AND POOL, OR WILDCAT
White River

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 4-T8S-R22E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

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, Room 1, Grand Junction, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 572' FSL, 1575' FEL Sec. 4
 At proposed prod. zone

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

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. 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.)
4991' Gr., 5003' KB

22. APPROX. DATE WORK WILL START*
March 12, 1965

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	200'	165 sx.
7-7/8"	5-1/2"	14.00	6000'	300 sx.

Drill 13-3/4" hole to 200'. Set 8-5/8" 24# casing and cement to surface. W.O.C. 8 hours, 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: March 12, 1965.

cc: USGS - 3, UOGCC - 2, NY - 2, Calco, Denver - 1, Vernal - 1, File - 2

AF:gl

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 [Signature] TITLE District Supt. DATE 3-11-65

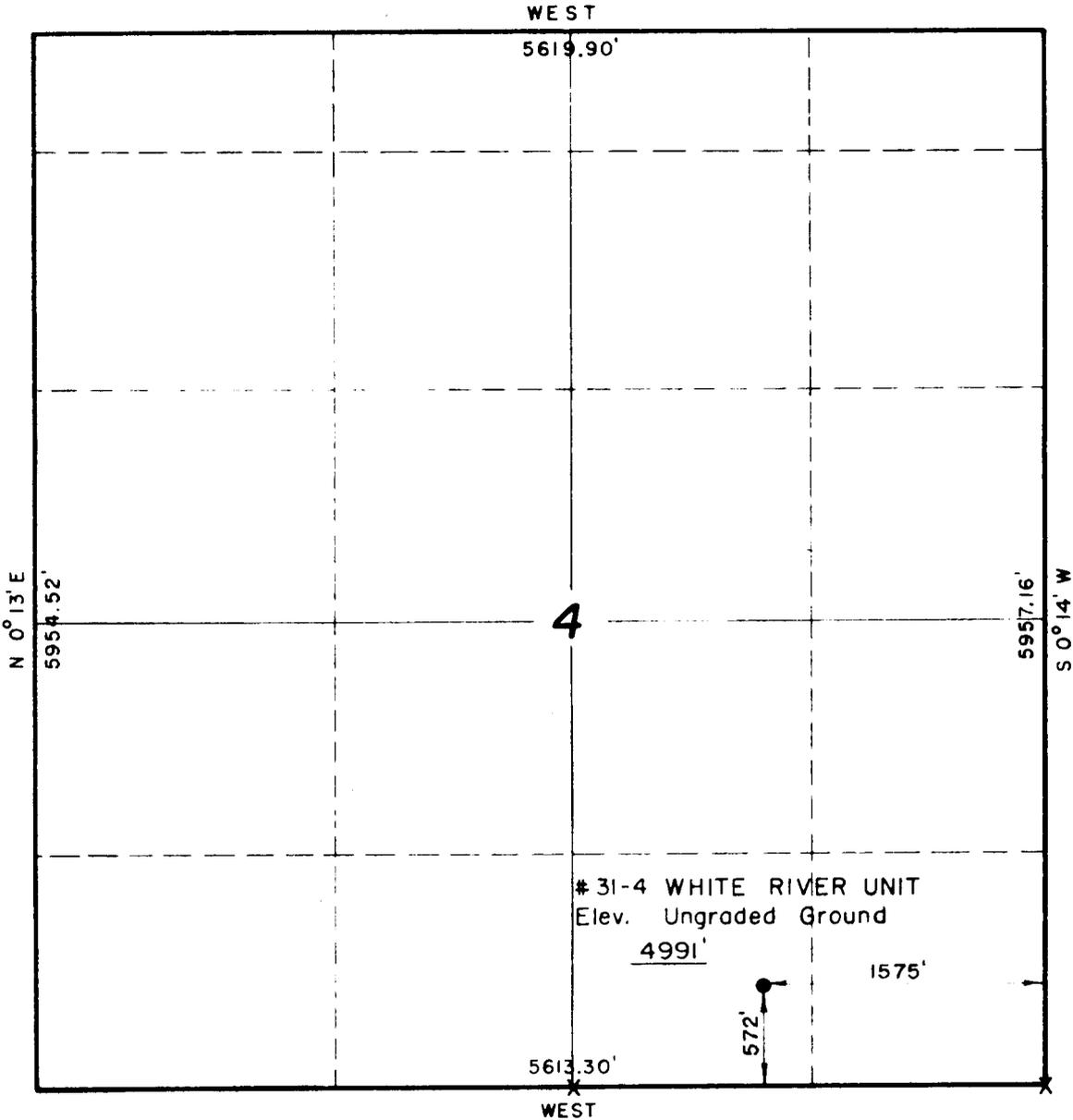
(This space for Federal or State office use)

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 530
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 Marshall
Registered Land Surveyor
Utah Registration No. 1114

PARTY G. Stewart
L. D. Taylor

WEATHER Clear - Cold

SURVEY
BELCO PETROLEUM CORP. # 31-4 WHITE RIVER
UNIT WELL LOCATION, LOCATED AS SHOWN IN
THE SW1/4 SE1/4 OF SECTION 4, T8S, R22E,
SLB & M, UINTAH COUNTY, UTAH

DATE 4 March, 1965
REFERENCES GLO Plat
Approved 9-26-1945

FILE Belco

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, Room 1, Grand Junction, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface
572' FSL, 1575' FEL Sec. 4
 At proposed prod. zone

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

5. LEASE DESIGNATION AND SERIAL NO.
U-02510-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
White River

8. FARM OR LEASE NAME

9. WELL NO.
31-4

10. FIELD AND POOL, OR WILDCAT
White River

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 4-T8S-R22E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

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.)
4991' U Gr., 5003' KB

22. APPROX. DATE WORK WILL START*
March 12, 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	200'	165 sx.
7-7/8"	5-1/2"	14.00	6000'	300 sx.

Drill 13-3/4" hole to 200'. Set 8-5/8" 24# casing and cement to surface. W.O.C. 8 hours, 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: March 12, 1965.

cc: USGS - 3, UOGCC - 2, NY - 2, Calco, Denver - 1, Vernal - 1, File - 2

AF:gl

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 A. Frisch TITLE **District Supt.** DATE **3-11-65**

(This space for Federal or State office use)

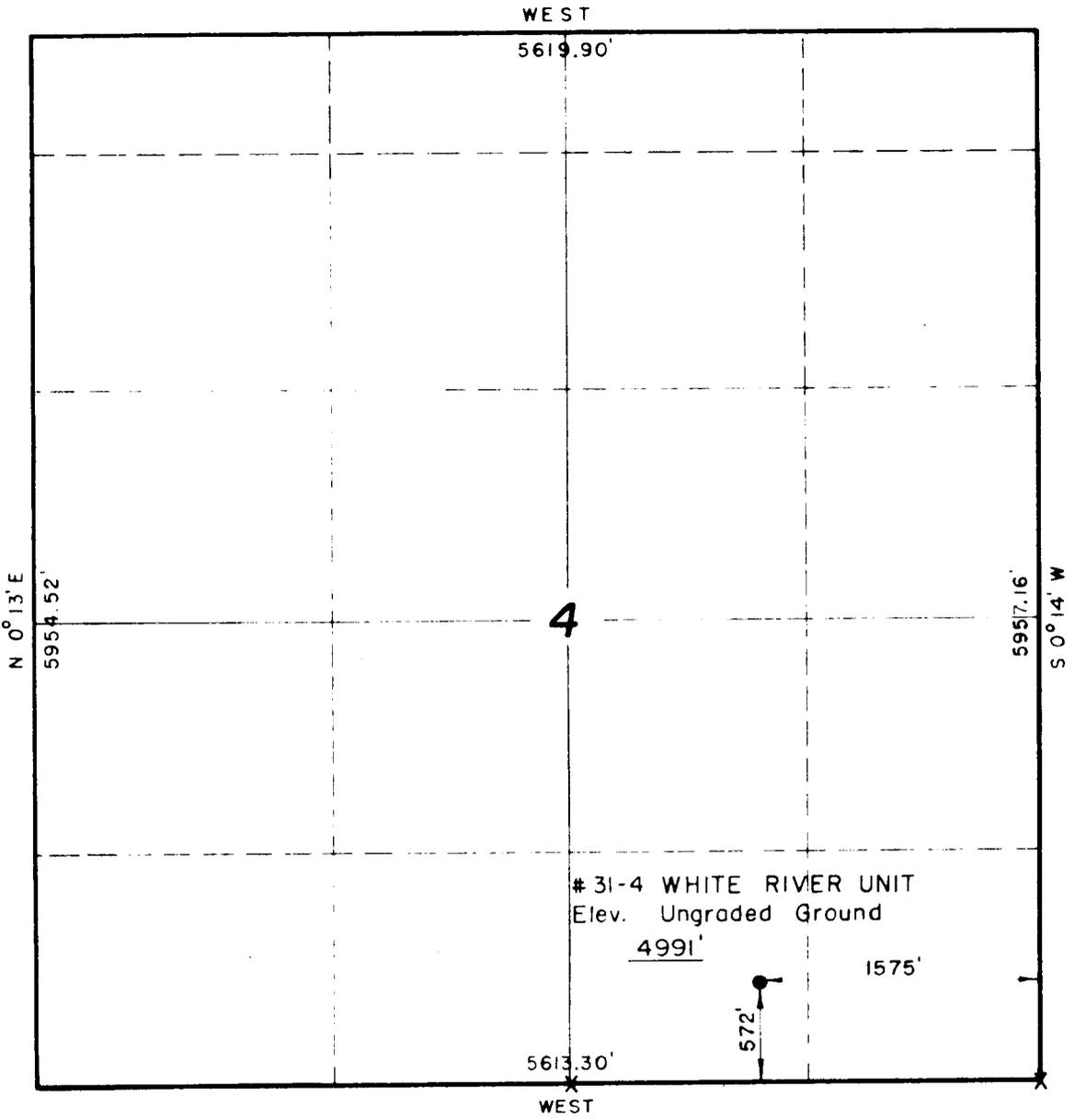
PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

bc

T 8 S, R 22 E, SLB & M



X = Corners Located (Brass Caps)

Scale : 1" = 1000'

UNTAH ENGINEERING
& LAND SURVEYING

L. O. Powell
Surveyor

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 Professional Surveyor
No. 12345

PARTY G. Stewart
L. D. Taylor

WEATHER Clear - Cold

SURVEY
BELCO PETROLEUM CORP. # 31-4 WHITE RIVER
UNIT WELL LOCATION, LOCATED AS SHOWN IN
THE SW 1/4 SE 1/4 OF SECTION 4, T 8 S, R 22 E,
SLB & M, UTAH COUNTY, UTAH

DATE 4 March, 1965
REFERENCES GLO Plat
Approved 9-26-1945

FILE Belco

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE UTAH
LEASE NUMBER WHITE RIVER
UNIT _____

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 A. FRISCH
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 sx. pozmix cement w/10% salt and 1% CFR-1. Completed 3-24-65.					
4 SWSE	8S	22E	31		TD 5811', PB 5580'. WOCT. 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% gal, 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% HA-5.					
cc:	2	-	USGS							
	2	-	UOGCC							
	2	-	NY							
	4	-	Conoco, Durango							
	2	-	Gulf, Casper							
	2	-	CalOil (Vernal, Denver)							
	1	-	Pullin							
	1	-	DCH							
	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.

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 #31-4

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

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

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

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.	_____		

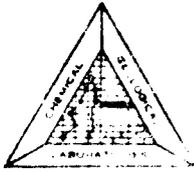
(Continued on reverse side if necessary)

Formation Tops:

Green River	2480'
Wasatch	5809'

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.



CHEM LAB

WATER ANALYSIS EXCHANGE REPORT

MEMBER	Belco Petroleum Corporation	LAB NO.	21019-3	REPORT NO.	
OPERATOR	Belco Petroleum Corporation	LOCATION	SW SE 4-8S-22E		
WELL NO.	31-4 White River	FORMATION			
FIELD	Red Wash	INTERVAL	4469-4482		
COUNTY	Uintah	SAMPLE FROM	DST No. 3 (Top)		
STATE	Utah	DATE	April 16, 1965		

REMARKS & CONCLUSIONS: Light orange colored water.

Cations			Anions		
	mg/l	meq/l		mg/l	meq/l
Sodium	1,015	44.16	Sulfate	345	7.18
Potassium	11	0.28	Chloride	484	13.65
Lithium	1	0.14	Carbonate	trace	-
Calcium	15	0.75	Bicarbonate	1,549	25.40
Magnesium	11	0.90	Hydroxide	-	-
Iron	absent	-	Hydrogen sulfide	absent	-
Total Cations		46.23	Total Anions		46.23

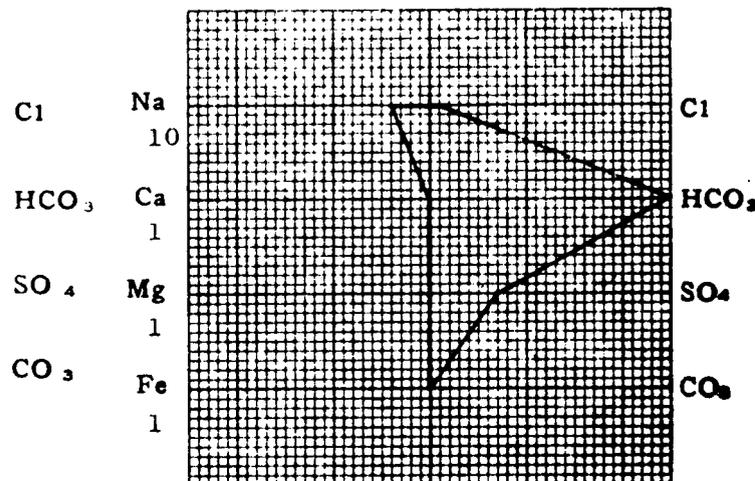
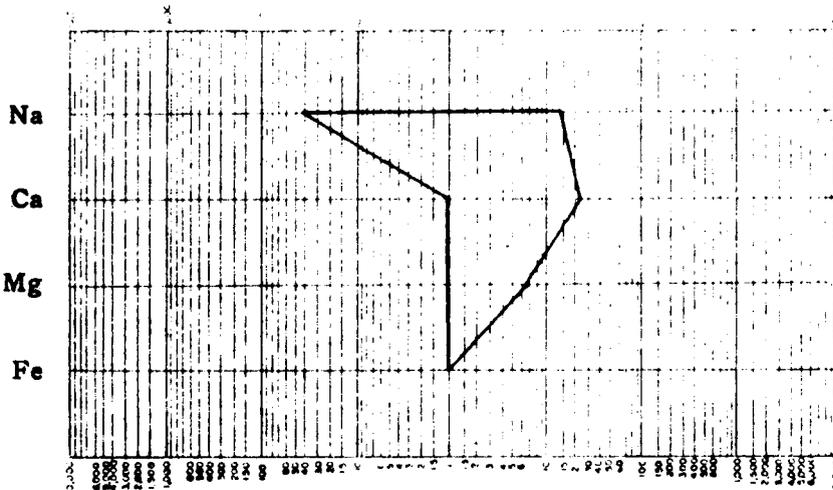
Total dissolved solids, mg/l	2,645	Specific resistance @ 68°F:	
NaCl equivalent, mg/l	2,138	Observed	2.75 ohm-meters
Observed pH	8.3	Calculated	2.85 ohm-meters

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



CHEM LAB

WATER ANALYSIS EXCHANGE REPORT

MEMBER	Belco Petroleum Corporation	LAB NO.	21019-2	REPORT NO.	
OPERATOR	Belco Petroleum Corporation	LOCATION	SW SE 4-8S-22E		
WELL NO.	31-4 White River	FORMATION			
FIELD	Red Wash	INTERVAL	4499-4515		
COUNTY	Utah	SAMPLE FROM	DST No. 2 (Bottom)		
STATE	Utah	DATE	April 16, 1965		

REMARKS & CONCLUSIONS: Light orange colored water.

Cations			Anions		
	mg/l	meq/l		mg/l	meq/l
Sodium	4,273	185.85	Sulfate	88	1.83
Potassium	19	0.49	Chloride	3,800	107.16
Lithium	5	0.72	Carbonate	trace	-
Calcium	11	0.55	Bicarbonate	4,819	79.03
Magnesium	5	0.41	Hydroxide	-	-
Iron	absent	-	Hydrogen sulfide	absent	-
Total Cations		188.02	Total Anions		188.02

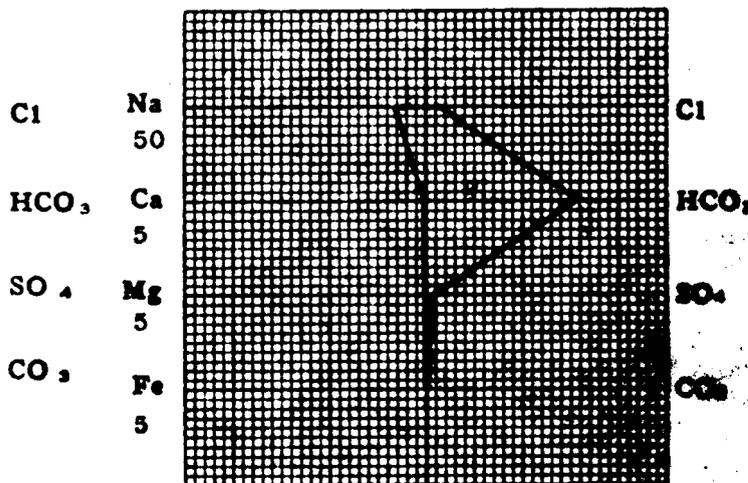
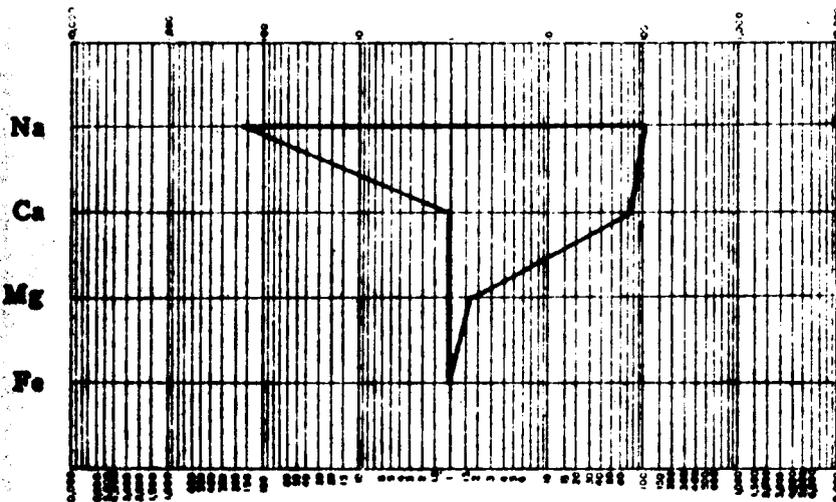
Total dissolved solids, mg/l	10,574	Specific resistance @ 68°F.:	
NaCl equivalent, mg/l	9,463	Observed	0,650 ohm-meters
Observed pH	8.2	Calculated	0,700 ohm-meters

WATER ANALYSIS PATTERNS

MEQ per unit

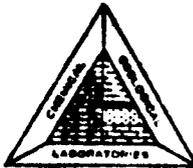
LOGARITHMIC

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 Dzung & Hawthorne calculation from components

PMB



CHEM LAB

WATER ANALYSIS EXCHANGE REPORT

MEMBER Belco Petroleum Corporation LAB NO. 21019-1 REPORT NO. _____
 OPERATOR Belco Petroleum Corporation LOCATION SW SE 4-8S-22E
 WELL NO. 31-4 White River FORMATION _____
 FIELD Red Wash INTERVAL 4499-4515
 COUNTY Uintah SAMPLE FROM DST No. 2 (Middle)
 STATE Utah DATE April 16, 1965

REMARKS & CONCLUSIONS: Light brown colored water.

Cations			Anions		
	mg/l	meq/l		mg/l	meq/l
Sodium	4,494	195.47	Sulfate	90	1.87
Potassium	25	0.64	Chloride	4,000	112.80
Lithium	7	1.01	Carbonate	trace	-
Calcium	14	0.70	Bicarbonate	5,100	83.64
Magnesium	6	0.49	Hydroxide	-	-
Iron	absent	-	Hydrogen sulfide	absent	-
Total Cations 198.31			Total Anions 198.31		

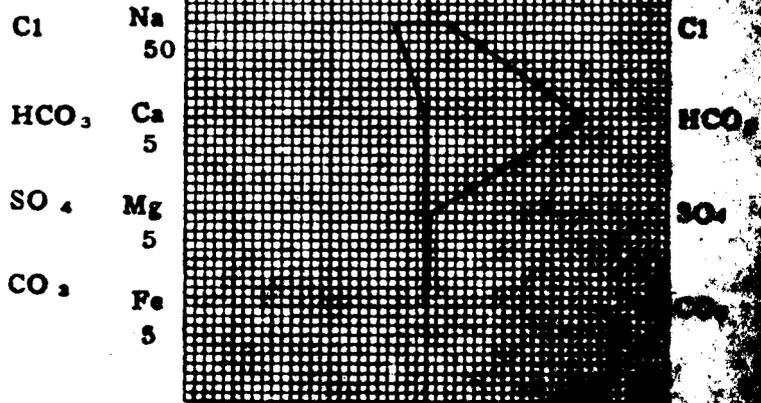
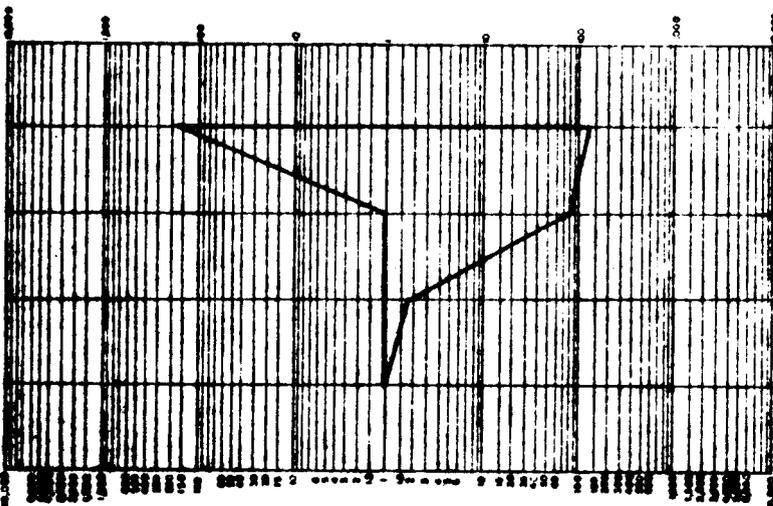
Total dissolved solids, mg/l 7,827 Specific resistance @ 68°F.:
 NaCl equivalent, mg/l 7,502 Observed 0.660 ohm-meters
 Observed pH 8.0 Calculated 0.880 ohm-meters

WATER ANALYSIS PATTERNS

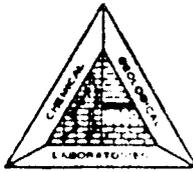
MEQ per unit

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 Dupont & Hawthorne calculation from composition



CHEM LAB

WATER ANALYSIS EXCHANGE REPORT

MEMBER Belco Petroleum Corporation LAB NO. 21019-5 REPORT NO. _____
 OPERATOR Belco Petroleum Corporation LOCATION SW SE 4-8S-22E
 WELL NO. 31-4 White River FORMATION _____
 FIELD Red Wash INTERVAL 4447-4464
 COUNTY Uintah SAMPLE FROM DST #4 (Bottom)
 STATE Utah DATE April 16, 1965

REMARKS & CONCLUSIONS: Mud, high water loss, light quebracho colored filtrate.

Cations			Anions		
	mg/l	meq/l		mg/l	meq/l
Sodium	1,155	50.23	Sulfate	430	8.94
Potassium	8	0.20	Chloride	570	16.07
Lithium	1	0.14	Carbonate	36	1.20
Calcium	12	0.60	Bicarbonate	1,537	25.21
Magnesium	3	0.25	Hydroxide	-	-
Iron	absent	-	Hydrogen sulfide	absent	-
Total Cations		51.42	Total Anions		51.42

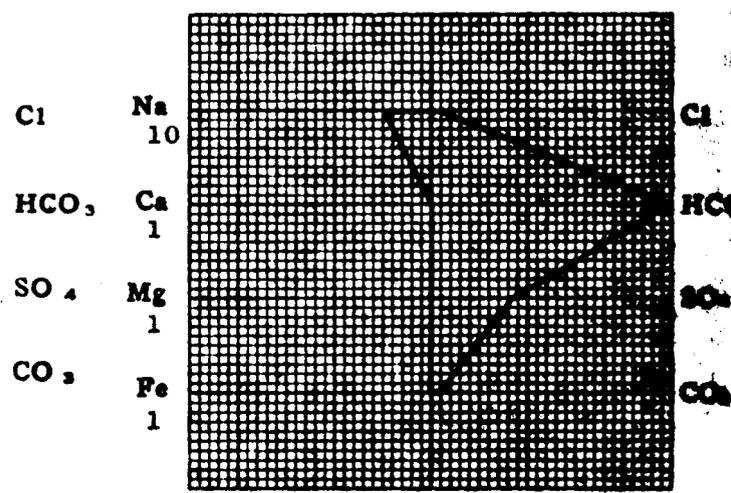
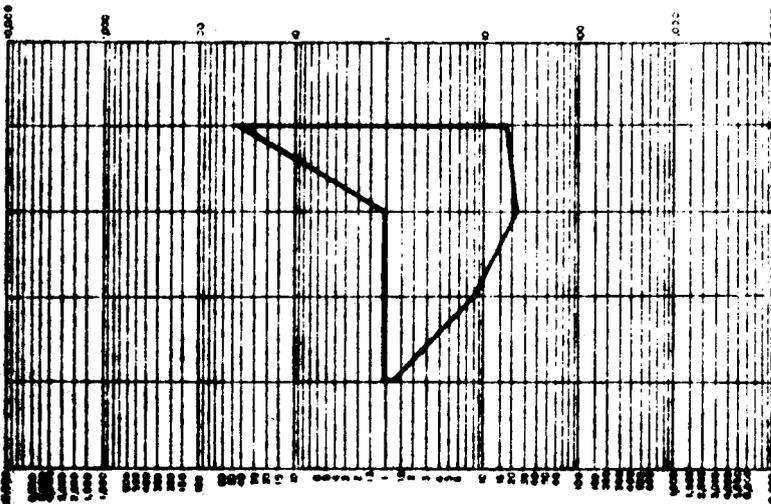
Total dissolved solids, mg/l 2,972 Specific resistance @ 68°F.:
 NaCl equivalent, mg/l 2,427 Observed 2.57 ohm-meters
 Observed pH 8.6 Calculated 2.55 ohm-meters

WATER ANALYSIS PATTERNS

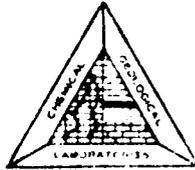
MEQ per unit

LOGARITHMIC

STANDARD



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



CHEM LAB

WATER ANALYSIS EXCHANGE REPORT

MEMBER	Belco Petroleum Corporation	LAB NO.	21019-4	REPORT NO.	
OPERATOR	Belco Petroleum Corporation	LOCATION	SW SE 4-8S-22E		
WELL NO.	31-4 White River	FORMATION			
FIELD	Red Wash	INTERVAL	4469-4482		
COUNTY	Uintah	SAMPLE FROM	DST #3 (Bottom)		
STATE	Utah	DATE	April 16, 1965		

REMARKS & CONCLUSIONS: Light yellow, clear water.

Cations			Anions		
	mg/l	meq/l		mg/l	meq/l
Sodium	997	43.37	Sulfate	215	4.47
Potassium	11	0.28	Chloride	604	17.03
Lithium	2	0.29	Carbonate	-	-
Calcium	58	2.89	Bicarbonate	1,610	26.40
Magnesium	13	1.07	Hydroxide	-	-
Iron	absent	-	Hydrogen sulfide	absent	-
Total Cations		47.90	Total Anions		47.90

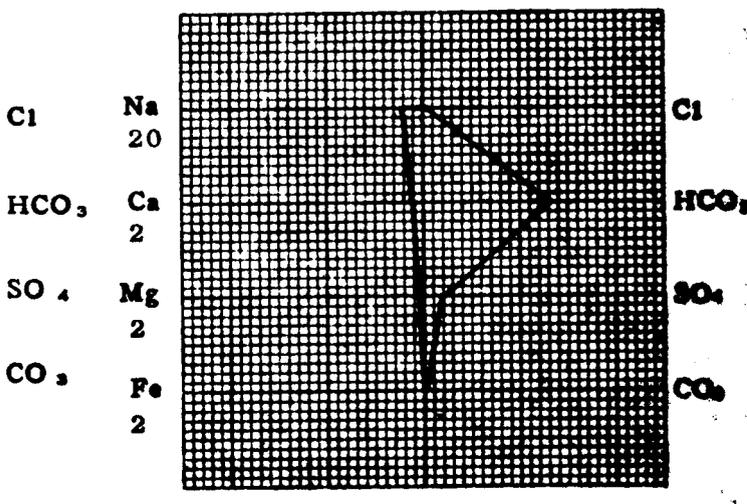
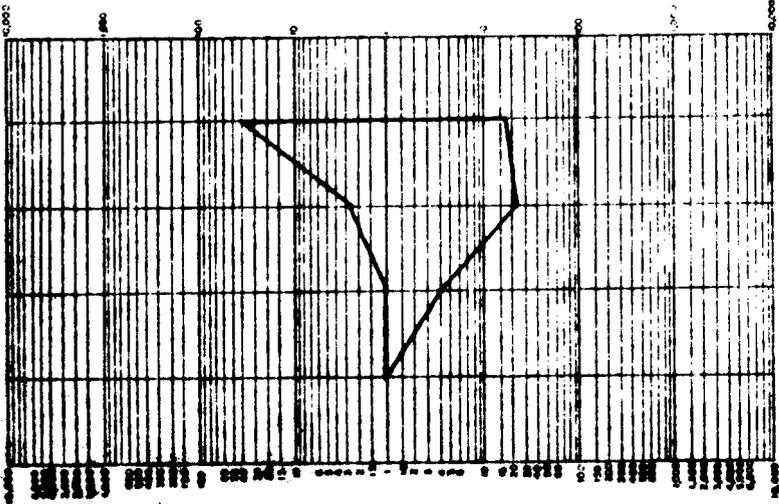
Total dissolved solids, mg/l	2,693	Specific resistance @ 68°F.:	
NaCl equivalent, mg/l	2,237	Observed	2.65 ohm-meters
Observed pH	8.1	Calculated	2.75 ohm-meters

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 Dupont & Fenclow's calculation from composition

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE UTAH
LEASE NUMBER WHITE RIVER
UNIT

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 APRIL, 1965,

Agent's address P. O. Box 1964 Company BELCO PETROLEUM CORP.
Grand Junction, Colo. Signed A. FRENCH

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)
4 SWSE	8S	22E	31-4		TD 5811', PB 5580'. 2-3/8" 4.6# J-55 Tubing @ 4487.66'. Perf. 4459-61', 4 jets/ft. Acidized w/500 gal. 15% MCA. Swabbed and well began flowing. Killed well w/salt water. Perf. 4472-75', acidized w/250 gal. 15% MCA, swabbed well in. Released rig 4-4-65.					
3 NESW	8S	22E	33		TD 5942'. 5-1/2" Casing @ 5918.36' w/350 sx. Rig released 4-17-65. Perf. w/tandem radial jets @ 5769', acidized w/500 gal. 15% MCA. Swabbed water w/tr. oil. Sq. w/50 sx. cement. Perf. @ 5813' w/tandem radial jets, spotted acid across perms., swabbed water w/tr. oil. Set packer @ 5800', fraced w/20,380 gal. water, 15,000# 20-40 sand, 1,000# 8/12 beads, 4315 gal. 15% HCl, 450# WAC-8, 50# FR-2, 50 gal. HC-2. Average Inj. Press. 3300-3400#, Max. 3700#, Ave. Inj. Rate 18.5 bpm. Swabbed 250 hbbls. frac water w/tr. oil.					
cc:	2 - USGS				2 - Gulf, Casper					
	2 - UOGCC				2 - CalOil (Vernal, Denver)					
	2 - NY				1 - Pullin					
	1 - Conoco, Durango				1 - DCB					
					2 - File					

NOTE.—There were NO runs or sales of oil; NO 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.

WRU 31-4

Completion History

4-3-65 Moved in completion unit.
Picked up 2-3/8" tubing. Tagged bottom @ 4558'.

4-4-65 Pulled 5 stands tubing. Ran through tubing
gamma correlation log. Perf. 4459-61' with
1-11/16" jets, 4 jets/ft. Acidized w/500 gal.
15% MCA. Acid went in on vacuum. Found fluid
at 800'. Made one swab run and well began
flowing. Cleaning up w/max. 5.2 MMCF, 300#
tbg. press., 1" ck., killed well with salt water.

Perf. 4472-75'. Lowered 143 Jts. 2-3/8" 4.6#
J-55 tubing (4487.66') and landed @ 4499.66' KB.

Acidized w/250 gal. 15% MCA. Swabbed well in.
Measured 4.45 MMCF w/950# tbg press. Flowed
well 14 hrs. Measured 4.26 MMCF w/1320#
tbg. press., 24/64" ck., light water vapor.
Shut in 1 min. 1600#, 5 min. 1620#.

Released rig on 4-4-65.

4-30-65 On production 2:00 p.m. 4-30-65.

H.

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.

5. LEASE DESIGNATION AND SERIAL NO.

U-02510-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

White River

8. FARM OR LEASE NAME

9. WELL NO.

31-4

10. FIELD AND POOL, OR WILDCAT

White River

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

Sec. 4-8S-22E

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
P. O. Box 1964, Grand Junction, Colorado 81502

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface **572' FSL, 1575' FEL, Sec. 4**
At top prod. interval reported below
At total depth

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED **3-14-65** 16. DATE T.D. REACHED **3-27-65** 17. DATE COMPL. (Ready to prod.) **4-3-65** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **4991' Gr., 5003' KB** 19. ELEV. CASINGHEAD **4991'**

20. TOTAL DEPTH, MD & TVD **5811'** 21. PLUG, BACK T.D., MD & TVD **4558'** 22. IF MULTIPLE COMPL., HOW MANY* **→** 23. INTERVALS DRILLED BY ROTARY TOOLS **0-5811'** CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* **4448 - 4494' Green River** 25. WAS DIRECTIONAL SURVEY MADE **No**

26. TYPE ELECTRIC AND OTHER LOGS RUN **IES, Microlog-Caliper** 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	204'	13-3/4"	160 sx. reg. cmt. w/ 2% CaCl₂	None
4-1/2"	10.50	4587'	7-7/8"	150 sx. Posmix "A", 2% gel, 10% Salt, 0.1 of 1% TIC.	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	4500'	None

31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH	INTERVAL (MD)	NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4459-61'	1/2"	8	4459-61'	500 gal. 15% MCA
4472-75'	1/2"	12	4472-75'	250 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)	
						Shut in.	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4-8-65	22-1/2 hrs.	3/8"	→				
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
1375	1570	→		4430			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY **A. Frisch, R. Bates**

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. Frisch TITLE **District Superintendent** DATE **5-11-65**

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 53, 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	GEOLOGIC MARKERS	
		DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES	DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES	CORING INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES	38.	MEAS. DEPTH	TRUE VERT. DEPTH
Green River	5678'	5688'		DST #1 5678-5701': IH 2777, ISI 162/36 min., IF 35, FF 36/54 min., FSI 521/75 min., FH 2727. Rec. 10' Mud, v wk blow for 2 min.	Green River	2480'	
	4500'	4525'		DST #2 4499-4515': IH 2152, ISI 1806/60 min., IF 166, FF 297/63 min., FSI 1794/60 min., PH 2132. Rec. 90' Sl. WCM, 600' Sl. GCW.	Wasatch	5809'	
	4470'	4495'		DST #3 4469-4482': IH 2137, ISI 1835/60 min., IF 258, FF 625/85 min., FSI 1838/63 min., PH 2114. GTS 3 min., IV 100 MCF, incr. to 2420 MCF in 65 min. Rec. spray of drlg. mud & wtr; in 75 min. gas flow of 2530 MCF. At end of 85 min. still making spray of wtr, gas at 2630 MCF, Temp. 102 Degrees, Rec. 330' GCW.			
	4448'	4465'		DST #4 4447-4464': IH 2164, ISI 1561/60 min., IF 51, FF 80/60 min., FSI 1703/63 min., PH 2145. Rec. 165' GCM, 5' GCMW, GTS 16 min., IV 6' flare,			

BELCO PETROLEUM CORPORATION
BIG PINEY DISTRICT
JUNE 3, 1965

WHITE RIVER UNIT #31-4
Section 4, T8S, R22E
Unitah County, Utah

ELEVATION: GL 4991'
KB 5003'

SAMPLE DESCPTION

FROM	TO	LITHOLOGY
4400'	4430'	Ss, 50%, wh-buff, v fn-fn, sbang-sbrd, hd & tt, poorly srt, ost, scat stn, dul yel fluor, g to fr cut; sh gy-brn, hd, dns, dol in pt
4430'	4450'	Sh, AA
4450'	4470'	Sh AA w/sltst, gy-buff, hd, sli calc 70%, ss 30%, wh-buff, vfn-fn to tr med, sbang-sbrd, hd & tt fr por, scat stn, v dull yel fluor, fr to p cut
4470'	4490'	Sh & sltst AA w/5-10% AA
4490'	4510'	Sh & sltst AA 50%; ss, wh-gy-gn, vf=med, sbang-sbrd, uncons, to cons, v sli calc, strkd pale flu fluor, no cut or stn
4510'	4530'	Sh, gy-brn, hd, dns, dol in pt; sltst, gy-buff, hd, sli calc, tr oil stn scat ss, vf, hd & tt
4530'	4550'	Pred sh, brn-gy, hd, dns, dol in pt, 30%; sltst, brn-gy, hd, sli calc, 65%; ss grading to sltst, buff to gy & wh, vfn-slty, sbang-sbrd, hd & tt, sli calc, tr stn, dull yel fluor, fr to p cut
4550'	4560'	Sh, sltst & 5% ss AA w/scat ost
4560'	4620'	Pred sltst 50% & sh 50%, w/mnr ss AA
4620'	4630'	Sh, brn-gy, hd, dns, in pt dol, tr sltst AA
4630'	4660'	Ss, 60%, ss tan, v f-slty, rd-sbrd, cons, sli calc, no fluor; sh 7 sltst AA
4660'	4700'	Pred sh, gy-brn, tr rd & gn, hd, dns, brit, v/sli calc, slty in pt; scat sltst, gy-buff, hd, sli calc; ss, less 5%, gy-wh to buff, v fn-slty, sbrd-rd, cons, hd & tt, tr oil stn, dull yel fluor, fr cut
4700'	4730'	Pred, sh, gn-brn to gy, hd, dns, calc in pt, sli slty, tr ss AA
4750'	4790'	Sltst, wh to gy & brn, cans, tr oil stn, lt yel fluor, fr to p cut, 80% & sh AA
4790'	4820'	Pred sh, brn-gn-gy w/tr rd, hd, sli calc, sh slty in pt sltst AA
4820'	4860'	Sh AA 60%, 40% sltst, buff-gy-wh, grds to vf ss, cons, hd & tt, poorly srted, sli calc, tr dul yell fluor, tr stn, fr to p cut

4860' 4920' Pred sh AA w/30% AA w/scat ost

4920' 5010' Sh & sltst gn-brn to gy, hd, dns, calc in pt, sh sli slty

5010' 5040' AA w/50% sltst, gy-brn, sli calc, hd & tt, no vis por, scat dull yel fluor, fr cut tr stn

5040' 5140' Sltst & sh AA

5140' 5150' Ss, buff-wh, vfn-slty, sbrd-rd, v sli calc, hd & tt, wet

5150' 5280' Sh & sltst AA w/tr ss AA bec slty, w/tr bri yel fluor, g cut, no stn

5280' 5380' Sh & slt AA w/10% ss grdg to sltst, vfn to slty, wh-brn, no por, hd & tt, v/sli calc, scat yel fluor, g cut, tr stn

5380' 5430' Ss, 80%, vfn to slty, sbrd to rd, no por, hd & tt, v/sli calc, yel fluor, g cut, scat stn

5420' 5520' Sh & sltst, gn-gy to brn, hd, dns, v/sli calc, 100%

5520' 5530' Ss, 60%, f to slty, sbang-rd, hd & tt to tr por, v sli calc, g yel fluor, g cut, scat stn

5530' 5570' Sh & sltst AA w/tr ss AA, sli ince in sltst

5570' 5600' Ss, buff-wh, f, ang-sbrd, cons, calc, wet

5600' 5680' Sh & sltst AA /w tr ss AA, sli incr in sltst

5680' 5700' Ss, mstly ost, vf-med, w/ss matr, vf-gn, sli calc, hd & tt, abnt dull yel fluor, f-gd cut, scat stn

5700' 5730' Ss, wh-buff, vfn to fn, sbang-sbrd, v/sli calc, hd & tt, no por, no shows; sh & sltst AA

5730' 5760' AA w/ost 30%

5760' 5800' Sh, gy-gn-rd, v/sli calc, 10%, sh & sltst AA, also tr ss AA

TOTAL DEPTH - 5800'

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 OGCC-8-X, and return to this office as soon as possible.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

KATHY G. WARDER
RECORDS CLERK

kgw

Enclosure - Forms

Branch of Oil and Gas Operations
8416 Federal Building
Salt Lake City, Utah, 84111

March 30, 1966

Belco Petroleum Corporation
304 Main Street
Grand Junction, Colorado

Gentlemen:

On March 25, we visited your producing operations in the White River (Unit) area and found everything in good order and operations being conducted in a workmanlike manner. Following is a list of a few minor items that we noted do need some remedial work:

(1) Well 31-4, SW $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 4, T. 8 S., R. 22 E.

A well sign should be erected and the spilled oil in the draw in this area needs cleaned up.

(2) Well 33-3, NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 3, T. 8 S., R. 22 E.

A well sign should be erected, the tubing should be capped in a permanent manner, and the small amount of trash over the edge of the location should be picked up.

(3) Well 24-10, NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 10, T. 8 S., R. 22 E.

The spilled oil at the location and the spilled out about 100 yards north of the well where the gathering line was "blown" should be cleaned up. If you will "blow" the line at this point occasionally, a permanent sump should be built and fenced.

(4) The disposal pit at your central battery should be fenced and the oil scum burned off occasionally to allow more rapid water evaporation.

(5) The sumps at the water bleed-off points on the Warren pipeline leading from your central battery should be fenced.

As soon as the above work has been finished, please notify us.

Sincerely yours,

(ORIG. SIGN) R. A. SMITH

**Rodney A. Smith,
District Engineer**

cc: Utah O&G Con. Com.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. U-02510-A
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>		7. UNIT AGREEMENT NAME WHITE RIVER
2. NAME OF OPERATOR Belco Petroleum Corporation		8. FARM OR LEASE NAME
3. ADDRESS OF OPERATOR P. O. Box 1964, Grand Junction, Colorado		9. WELL NO. 31-4
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 572' NSL, 1575' WEL, Sec. 4		10. FIELD AND POOL, OR WILDCAT White River
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 4-T3S-R22E
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4991' Gr., 5003' KB	12. COUNTY OR PARISH Uintah
		13. STATE Utah

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input checked="" 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 type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

This well was completed on 4-4-65, with 4-1/2" casing set at 4587' and perforations at 4459-61' and 4472-75'. The well tested 4430 MCFPD on 4-8-65 with a spray of water. Water production has increased to 250 hbbls. per day and gas sales have declined to 600-700 MCFPD.

We propose to set a packer between perforations to check water entry. If there is communication between perforations, we will cement squeeze and re-perforate the upper zone.

Anticipated date work will commence: September 23, 1965.

DATE: 9-24-65 by Paul H. Burckell
Chief Petroleum Engineer

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

SIGNED A. Busch TITLE District Superintendent DATE 9-21-65

(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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
BELCO PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR
P. O. Box 1964, Grand Junction, Colorado

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

572' NSL, 1575' WEL, Sec. 4

7. UNIT AGREEMENT NAME

White River

8. FARM OR LEASE NAME

9. WELL NO.

31-4

10. FIELD AND POOL, OR WILDCAT

White River

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

Sec. 4-T8S-R22E

14. PERMIT NO.

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

4991' Gr., 5003' KB

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

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

NOTICE OF INTENTION TO:

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.)*

A workover unit was moved in on 9-28-65. A packer was set between perforations at 4459-61' and 4472-75' and each zone swabbed and flowed 100-200 MCFPD gas and 2-5 gal. water/min. Both sets of perforations were squeezed with 50 sacks flac cement and tested to 1000 psi after drilling out cement.

The zone at 4472-74' was perforated with 4 jets/ft. and acidized with 250 gal. 7-1/2% MCA. Formation broke at 250 psi and acid went in on vacuum. Swabbed 8-10 bbl. water/hr. with fluid level remaining at 4000' and very little gas. Set Baker C.I. bridge plug at 4465' and perf. 4450-51' and 4455-61' with 4 holes/ft.

Acidized with 250 gal. 7-1/2% MCA, with pumping pressure of 200 psi. Swabbed very little gas and 1 bbl. water/hr. Acidized with 1000 gal. 15% HCl. Pumped 2 bbl. acid at 1000 psi when formation broke to 400 psi, then on vacuum before last of acid was in formation. Swabbed 130 bbl. water in 10 hrs., with fluid level remaining at 3000', swabbing to 4456'. Gas flows est. 100-200 MCFPD rate for 5-10 min. after each swab run.

Released unit on 10-11-65.

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

SIGNED

A. H. Smith

TITLE District Supt.

DATE 7-11-66

(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

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

8. FARM OR LEASE NAME

9. WELL NO.

31-4

10. FIELD AND POOL, OR WILDCAT

White River

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

Sec. 4-T8S-R22E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
BELCO PETROLEUM CORPORATION

3. ADDRESS OF OPERATOR
P. O. Box 1964, Grand Junction, Colorado

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

572' NSL, 1575' WEL, Sec. 4

14. PERMIT NO.

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

4991' Gr., 5003' 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)

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.)*

A workover unit was moved in on 9-28-65. A packer was set between perforations at 4459-61' and 4472-75' and each zone swabbed and flowed 100-200 MCFPD gas and 2-5 gal. water/min. Both sets of perforations were squeezed with 50 sacks flac cement and tested to 1000 psi after drilling out cement.

The zone at 4472-74' was perforated with 4 jets/ft. and acidized with 250 gal. 7-1/2% MCA. Formation broke at 250 psi and acid went in on vacuum. Swabbed 8-10 bbl. water/hr. with fluid level remaining at 4000' and very little gas. Set Baker C.I. bridge plug at 4465' and perf. 4450-51' and 4455-61' with 4 holes/ft.

Acidized with 250 gal. 7-1/2% MCA, with pumping pressure of 200 psi. Swabbed very little gas and 1 bbl. water/hr. Acidized with 1000 gal. 15% HCl. Pumped 2 bbl. acid at 1000 psi when formation broke to 400 psi, then on vacuum before last of acid was in formation. Swabbed 130 bbl. water in 10 hrs., with fluid level remaining at 3000', swabbing to 4456'. Gas flows est. 100-200 MCFPD rate for 5-10 min. after each swab run.

Released unit on 10-11-65.

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

SIGNED

A. Hirsch

TITLE

District Supt.

DATE

7-11-66

(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

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-02510-A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

White River Unit

8. FARM OR LEASE NAME

9. WELL NO.

White River Unit 31-4

10. FIELD AND POOL, OR WILDCAT

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

Section 4, T8S, R22E

12. COUNTY OR PARISH 13. STATE

Utah Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER **Water Supply Well**

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
**S72° WBL & 1575° FEL
Section 4, T8S, R22E**

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5003' XB

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) Perforating and Swab Testing X	

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

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

**ID 5811' Perforations: 4450'-51' 4 HPF
PSTD 4558' 4455'-61' 4 HPF
Cast Iron Bridge Plug @ 4465' 4459'-61' 4 HPF Squashed
4472'-74' 4 HPF Plugged off with
CIBP @ 4465'
4472'-75' 4 HPF Squashed**

Procedure:

1. Pulled tubing. Set Cast Iron Bridge Plug at 4402'.
2. Perforated 4 1/2" casing as follows:

4037'-39' 2 HPF	4102'-04' 4 HPF	4336'-42' 2 HPF	4368'-70' 4 HPF
4039'-41' 4 HPF	4104'-14' 2 HPF	4342'-44' 4 HPF	4370'-72' 2 HPF
4041'-43' 2 HPF	4114'-16' 4 HPF	4344'-48' 2 HPF	
4094'-4102' 2 HPF	4116'-28' 2 HPF	4366'-68' 2 HPF	
3. Swab tested well for 6 hrs. at rate of 77 bbls. water per hour with fluid level in casing at 500-550'.
4. Installed wellhead and shut well in on July 11, 1968.

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

SIGNED

R. J. Smith

TITLE

District Engineer

DATE

July 29, 1968

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

40000

C.R. 15

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPL. FE*

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

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
P.O. Box 230 - Big Piney, Wyoming 83113

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface
572' FSL & 1575' FSL, Section 4, T8S, R22E
At top prod. interval reported below

At total depth

14. PERMIT NO. **43-047-15090** DATE ISSUED _____

5. LEASE DESIGNATION AND SERIAL NO.

U-02510 A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

White River Unit

8. FARM OR LEASE NAME

9. WELL NO.

White River Unit 31-4

10. FIELD AND POOL, OR WILDCAT

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

Sec. 4, T8S, R22E

12. COUNTY OR PARISH
Utah

13. STATE
Utah

15. DATE SPUDDED _____ 16. DATE T.D. REACHED _____ 17. DATE COMPL. (Ready to prod.) **Workover 7/11/68** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **5003' KB** 19. ELEV. CASINGHEAD _____

20. TOTAL DEPTH, MD & TVD **5811'** 21. PLUG, BACK T.D., MD & TVD **4402' CIBP** 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS **0-5811'** CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
4036'-54' 4332'-54'
4091'-4132' 4364'-80' 25. WAS DIRECTIONAL SURVEY MADE **No**

26. TYPE ELECTRIC AND OTHER LOGS RUN _____ 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"	24.0	204'	13-3/4"	150 sks. Regular	
4-1/2"	10.5	4587'	7-7/8"	150 sks. Pozmix A	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

4037'-39' 2 HPF	4102'-04' 4 HPF	4342'-44' 4 HPF
4039'-41' 4 HPF	4104'-14' 2 HPF	4344'-48' 2 HPF
4041'-43' 2 HPF	4114'-16' 4 HPF	4366'-68' 2 HPF
4094'-	4116'-28' 2 HPF	4368'-70' 4 HPF
4102' 2 HPF	4336'-42' 2 HPF	4370'-72' 2 HPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION _____ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **Swab test - Casing** WELL STATUS (Producing or shut-in) **Shut In**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
7/10/68	6			None	None	462	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
			None	None	1848	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) _____ TEST WITNESSED BY **J.A. Maxfield**

35. LIST OF ATTACHMENTS
None

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

SIGNED **[Signature]** TITLE **District Engineer** DATE **July 29, 1968** ✓

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

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

	5. Lease Designation and Serial Number:
	6. If Indian, Allottee or Tribe Name:
	7. Unit Agreement Name: WHITE RIVER UNIT
1. Type of Well: OIL <input type="checkbox"/> GAS <input type="checkbox"/> OTHER:	8. Well Name and Number:
2. Name of Operator: FLYING J EXPLORATION & PRODUCTION, INC.	9. API Well Number:
3. Address and Telephone Number: P. O. Box 540180, North Salt Lake, UT 84054-0180/(801) 298-7733	10. Field and Pool, or Wildcat:
4. Location of Well Footages: See below	County: UINTAH
OO, Sec., T., R., M.:	State: UTAH

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

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recompletion |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>RESIGNATION AS OPERATOR</u> | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandonment * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Shoot or Acidize |
| <input type="checkbox"/> Conversion to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.

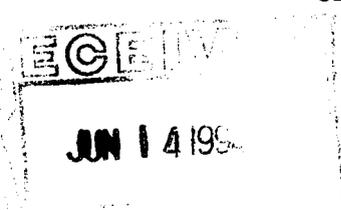
* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective ^{due 6-13-94} 6/13/94, Flying J Exploration & Production, Inc. resigned as operator. The new operator is Chandler & Associates, Inc.

The wells included in the unit are:

WELL	LEGAL	API# (if known)
31-4	8S-22E-4: SWSE, SIM	43-047-15090
15-9	9: NESE, "	43-047-15080
16-9	9: SWSE, "	43-047-15081
19-9	9: SWNE, "	43-047-15083
20-9	9: NESW, "	43-047-15084
25-9	9: NENE, "	43-047-15087
46-9	9: SESE, "	43-047-31481
17-10	10: SWNW, "	43-047-15082
24-10	10: NESW, "	43-047-15085
27-10	10: SWNE, "	43-047-15086



Name & Signature: *James W. Wilson* JAMES W. WILSON Title: VICE PRESIDENT OPERATIONS Date: 6/10/94

(This space for State use only)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

6. If Indian, Aliottee or Tribe Name:

7. Unit Agreement Name:
WHITE RIVER UNIT

8. Well Name and Number:

9. API Well Number:

10. Field and Pool, or Wildcat:

1. Type of Well: OIL GAS OTHER:

2. Name of Operator:
CHANDLER & ASSOCIATES, INC.

3. Address and Telephone Number:
555 17th Street, #1850 Anaconda Tower, Denver, CO 80202/(303) 295-0400

4. Location of Well See below.
Footages:
OO, Sec., T., R., M.:

County: UINTAH
State: UTAH

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

NOTICE OF INTENT
(Submit in Duplicate)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to injection
- Fracture Treat
- Multiple Completion
- Other DESIGNATION AS OPERATOR
- New Construction
- Pull or Alter Casing
- Recompletion
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- Abandonment
- Casing Repair
- Change of Plans
- Conversion to Injection
- Fracture Treat
- Other _____
- New Construction
- Pull or Alter Casing
- Shoot or Acidize
- Vent or Flare
- Water Shut-Off

Date of work completion _____
Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form.
* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all manners of drilling pertinent to this work.)

Effective 6/13/94, Chandler & Associates, Inc. became operator of the White River Unit. Previous operator was Flying J Exploration & Production, Inc. Wells included in the unit are:

WELL	LEGAL	API#
31-4	8S-22E-4: SWSE, SLM	43-047-15090 (LWD) WSW
15-9	9: NESE, "	43-047-15080
16-9	9: SWSE, "	43-047-15081
19-9	9: SWNE, "	43-047-15083 (WLD)
20-9	9: NESW, "	43-047-15084
25-9	9: NENE, "	43-047-15087
46-9	9: SESE, "	43-047-31481
17-10	10: SWNW, "	43-047-15082 (WLD)
24-10	10: NESW, "	43-047-15085
27-10	10: SWNE, "	43-047-15086

Name & Signature: Chandler - Associates, Inc.
Mitchell L. Solich

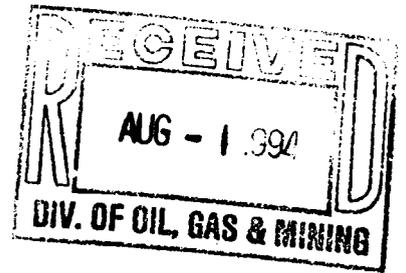
Title: E.V.P. Date: 6/13/94

(This space for State use only)

(Solich)

COPY

Bureau of Land Management
Branch of Fluid Minerals
P.O. Box 45155
Salt Lake City, Utah 84145-0155



July 29, 1994

Chandler & Associates, Inc.
555 17th Street
#1850 Anaconda Tower
Denver, Colorado 80202

RE: White River Unit
Uintah County, Utah

Gentlemen:

On July 28, 1994, we received an indenture dated June 13, 1994, whereby Flying J Oil & Gas Inc. resigned as Unit Operator and Chandler & Associates, Inc. was designated as Successor Unit Operator for the White River 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 July 29, 1994.

Your statewide (Utah) oil and gas bond No. 0969 will be used to cover all operations within the White River 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: Flying J Oil & Gas Inc.

bcc: District Manager - Vernal (w/enclosure)
Division of Oil, Gas & Mining
Division of Lands and Mineral Operations
File - White River Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

U-922:TAThompson:tt:07-29-94

WELL STATUS REPORTS
UTAH STATE OFFICE

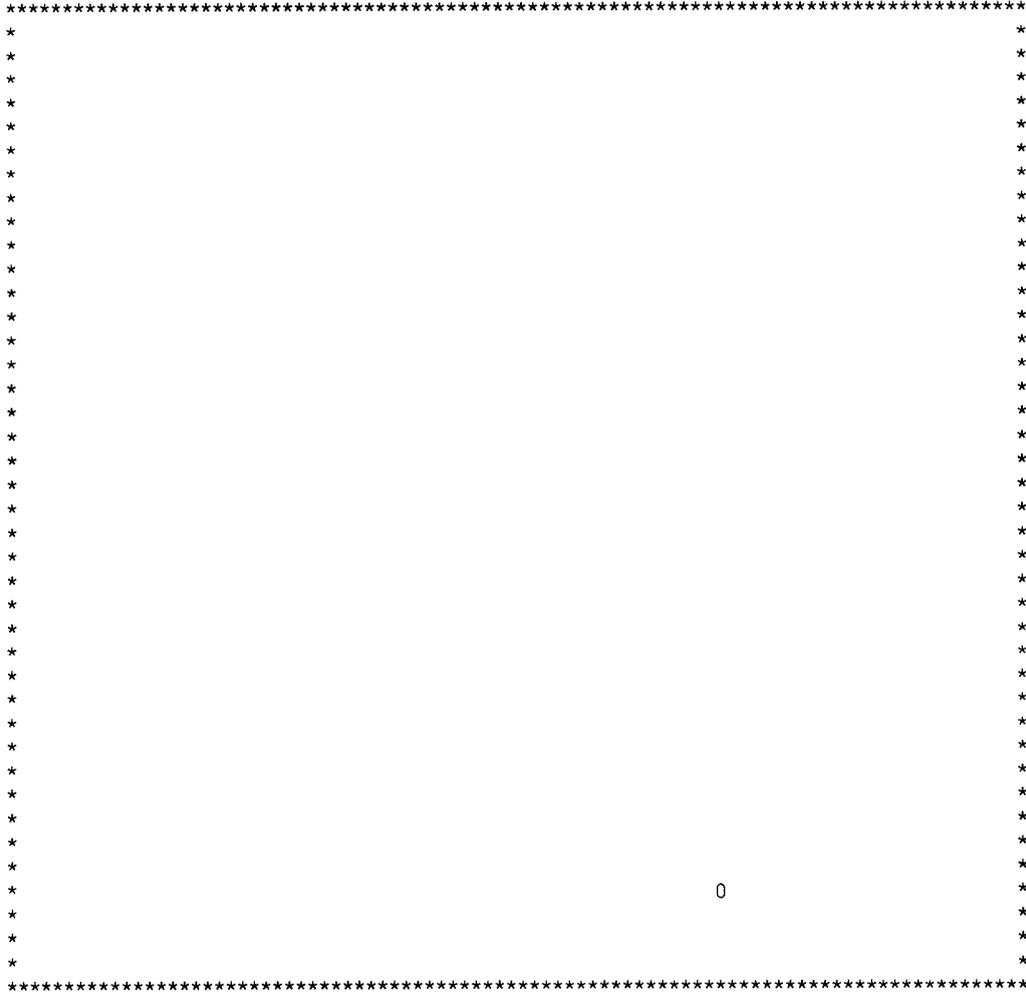
INSPECTION ITEM	API NO.	WELL NUMBER	QTQT	SEC	TWN	RNG	WELL STATUS	LEASE NAME	OPERATOR
** INSPECTION ITEM 8910035090 WHITE RIVER GR PARACHUTE									
8910035090	✓ 430471508200D2	17-10	SWNW	10	8S	22E	WIW	UTU43918 <i>WIW</i>	FLYING J EXPLORATION COMP
8910035090	✓ 430471508400D2	20-9	NESW	9	8S	22E	OSI	UTU058	FLYING J EXPLORATION COMP
8910035090	✓ 430471509000S1	31-4	SWSE	4	8S	22E	WSW	UTU02520A <i>PA'd 7/1/88 WSW</i>	FLYING J EXPLORATION COMP
** INSPECTION ITEM 891003509B WHITE RIVER WS A									
891003509B	430471507700S1	3	NWNW	25	8S	22E	ABD	UTU0629 <i>PA'd 12/93</i>	FLYING J EXPLORATION COMP
** INSPECTION ITEM 891003509D WHITE RIVER GR B									
891003509D	✓ 430471508000S1	15-9	NESE	9	8S	22E	OSI	UTU43915	FLYING J EXPLORATION COMP
891003509D	✓ 430471508100S1	16-9	SWSE	9	8S	22E	POW	UTU43915	FLYING J EXPLORATION COMP
891003509D	✓ 430471508200D1	17-10	SWNW	10	8S	22E	WIW	UTU43918 <i>WIW</i>	FLYING J EXPLORATION COMP
891003509D	✓ 430471508300S1	19-9	SWNE	9	8S	22E	WIW	UTU0971 <i>WIW</i>	FLYING J EXPLORATION COMP
891003509D	✓ 430471508400D1	20-9	NESW	9	8S	22E	OSI	UTU43915	FLYING J EXPLORATION COMP
891003509D	✓ 430471508500S1	24-10	NESW	10	8S	22E	OSI	UTU43915	FLYING J EXPLORATION COMP
891003509D	✓ 430471508700S1	25-9	NENE	9	8S	22E	MW	UTU0971	FLYING J EXPLORATION COMP
891003509D	✓ 430471508600S1	27-10	SWNE	10	8S	22E	POW	UTU43918	FLYING J EXPLORATION COMP
891003509D	✓ 430473148100S1	46-9	SESE	9	8S	22E	POW	UTU43915	FLYING J EXPLORATION COMP

UTAH DIVISION OF WATER RIGHTS
WATER RIGHT POINT OF DIVERSION PLOT CREATED MON, MAR 26, 1990, 10:26 AM
PLOT SHOWS LOCATION OF 1 POINTS OF DIVERSION

PLOT OF ALL QUARTER(S) IN SECTION 4 TOWNSHIP 8S RANGE 22E SL BASE AND MERIDIAN

PLOT SCALE IS APPROXIMATELY 1 INCH = 1000 FEET

N O R T H



UTAH DIVISION OF WATER RIGHTS
 NWPLAT POINT OF DIVERSION LOCATION PROGRAM

MAP CHAR	WATER RIGHT	QUANTITY			SOURCE DESCRIPTION or WELL INFO			POINT OF DIVERSION DESCRIPTION					U A P T S U P R	
		CFS	AND/OR	AC-FT	DIAMETER	DEPTH	YEAR LOG	NORTH	EAST	CNR	SEC	TWN	RNG B&M	N
0 49 287		.1230		.00		Underground Water Well		N 572 W 1575	SE 4	8S	22E	SL		X X
	WATER USE(S): OTHER													
	Belco Petroleum Corporation					P.O. Box 250				Big Piney,				WY 83113

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-LEC	GZL
2-LWP	7-PL
3-DTS/38-SJ	
4-VLC	9-FILE
5-RJF	
6-LWP	

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- Change of Operator (well sold) Designation of Agent
 Designation of Operator Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 6-13-94)

TO (new operator)	<u>CHANDLER & ASSOCIATES INC</u>	FROM (former operator)	<u>FLYING J EXPL & PROD INC</u>
(address)	<u>555 17TH ST 1850</u>	(address)	<u>PO BOX 540180</u>
	<u>DENVER CO 80202</u>		<u>N SLC UT 84504-0180</u>
			<u>JAMES WILSON, V.P. OPER.</u>
	phone <u>(303) 295-0400</u>		phone <u>(801) 298-7733</u>
	account no. <u>N 3320</u>		account no. <u>N 1190</u>

Well(s) (attach additional page if needed): ***WHITE RIVER UNIT**

Name: <u>(SEE ATTACHMENT)</u>	API: <u>047-15090</u>	Entity: _____	Sec. _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec. _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Lee 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(Rec'd 6-14-94)*
- Lee 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 6-14-94)*
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: _____.
- Lee 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Lee 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(8-3-94 O&G wells only) (9-15-94 2/wiw)*
- Lee 6. Cardex file has been updated for each well listed above. *9-16-94*
- Lee 7. Well file labels have been updated for each well listed above. *9-16-94*
- Lee 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(8-3-94 O&G wells only) (9-15-94 2/wiw)*
- Lee 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form). Entity 4915 "BRVB P.A."
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- N/A Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) . Today's date 19 . If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A OC's 9/20/94 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

1. All attachments to this form have been microfilmed. Date: 19 .

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

940803 Bmc/S.Y. Approved off. 7-29-94.

940803 Flying G / John Baza "Req. WIC F5 "Transfer of Auth. to Inj". (Rec'd 9-15-94)

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

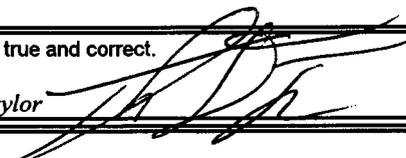
<p>SUNDRY NOTICES AND REPORTS ON WELLS</p> <p>Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells. Use APPLICATION FOR PERMIT -- for such proposals</p>		6. Lease Designation and Serial Number
		7. Indian Allottee or Tribe Name
		8. Unit or Communitization Agreement
		9. Well Name and Number
1. Type of Well		10. API Well Number
<input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other (specify)		11. Field and Pool, or Wildcat
2. Name of Operator <i>Shenandoah Energy Inc.</i>		4. Telephone Number 303-295-0400
3. Address of Operator <i>475 17th Street, Suite #1000 Denver, Colorado 80202</i>		6. Location of Well
Footage : Please see attached spreadsheet		County :
QQ, Sec. T., R., M. :		State :

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA																											
<p align="center">NOTICE OF INTENT (Submit in Duplicate)</p> <table style="width:100%;"> <tr> <td><input type="checkbox"/> Abandonment</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Recompletion</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Multiple Completion</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input type="checkbox"/> Other _____</td> <td></td> </tr> </table> <p>Approximate Date Work Will Start _____</p>	<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Multiple Completion	<input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> Other _____		<p align="center">SUBSEQUENT REPORT (Submit Original Form Only)</p> <table style="width:100%;"> <tr> <td><input type="checkbox"/> Abandonment *</td> <td><input type="checkbox"/> New Construction</td> </tr> <tr> <td><input type="checkbox"/> Casing Repair</td> <td><input type="checkbox"/> Pull or Alter Casing</td> </tr> <tr> <td><input type="checkbox"/> Change of Plans</td> <td><input type="checkbox"/> Shoot or Acidize</td> </tr> <tr> <td><input type="checkbox"/> Conversion to Injection</td> <td><input type="checkbox"/> Vent or Flare</td> </tr> <tr> <td><input type="checkbox"/> Fracture Treat</td> <td><input type="checkbox"/> Water Shut-Off</td> </tr> <tr> <td><input checked="" type="checkbox"/> Other <i>Change of Operator</i></td> <td></td> </tr> </table> <p>Date of Work Completion _____</p> <p><small>Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION AND LOG form. * Must be accompanied by a cement verification report.</small></p>	<input type="checkbox"/> Abandonment *	<input type="checkbox"/> New Construction	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing	<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Shoot or Acidize	<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Vent or Flare	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off	<input checked="" type="checkbox"/> Other <i>Change of Operator</i>	
<input type="checkbox"/> Abandonment	<input type="checkbox"/> New Construction																										
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Pull or Alter Casing																										
<input type="checkbox"/> Change of Plans	<input type="checkbox"/> Recompletion																										
<input type="checkbox"/> Conversion to Injection	<input type="checkbox"/> Shoot or Acidize																										
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<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Water Shut-Off																										
<input checked="" type="checkbox"/> Other <i>Change of Operator</i>																											

13. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please be advised that effective 1/1/200 Chandler & Associates, Inc has changed its name to Shenandoah Energy Inc. Shenandoah Energy Inc. is responsible under the terms and conditions of the lease for the operation conducted upon the leased lands. Shenandoah Energy Inc. is bonded in the amount of \$80,000.00 to the School and Inst. Trust Lands via a name change rider filed with the State. Continental Casualty Bond # 159261960.

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

Name & Signature Thomas D. Taylor  Title Production Geologist Date 05/25/2000

(State Use Only)

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**SHENANDOAH ENERGY INC.
UTAH OPERATED WELLS**

A.P.I. #	ENTTY	WELL NAME	WELL #	LOCATION	FIELD NAME	PROD. ZONE	FORMATION	WELL TYPE	AGREEMENT
43-015-30168-00	10684	BUZZARD BENCH FED	#6-3	SENW 3, 19S-7E	BUZZARD BENCH	FRSD	FERRON	GW	8910204190
43-015-30229-00	10670	BUZZARD BENCH FED	#3-24	SESW 3, 19S-7E	BUZZARD BENCH	FRSD	FERRON	GW	8910204190
43-015-30110-00	10685	FERRON FED	#16-20	SESE 20, 17S-8E	BUZZARD BENCH	FRSD	FERRON	OW	
43-015-30257-00	11837	FERRON FEDERAL	#7-12-19-7	SWNE 12, 19S-7E	BUZZARD BENCH	FRSD	UPPER FERRON	GW	
43-015-30000-00		FERRON FEDERAL	#16-9-10-7	SESE 9, 19S-7E	FERRON		FERRON	DRG	
43-015-3025300	11836	FERRON STATE	#4-36	SWNW 36, 18S-7E	BUZZARD BENCH	FRSD	FERRON	GW	
43-015-30222-00	11029	ORANGEVILLE FED	#1-11	NENE 11, 19S-7E	BUZZARD BENCH	FRSD	UPPER FERRON	GW	891020388A
43-015-30221-00	10600	ORANGEVILLE FED	#4-1	NWNW 1, 19S-7E	BUZZARD BENCH	FRSD	UPPER FERRON	GW	
43-015-30102-00	10920	ORANGEVILLE ST	#1-36	SESE 36, 18S-7E	BUZZARD BENCH	FRSD	UPPER FERRON	GW	8910203880
43-015-30179-00	00535	ORANGEVILLE STATE	#10-2	NWSE 2, 19S-7E	BUZZARD BENCH	FRSD	LOWER FERRON	GW	891020388A
43-015-30108-00	10978	ORANGEVILLE UNIT	#16-6	SESE 6, 18S-8E	BUZZARD BENCH	FRSD	FERRON	OW	
43-047-33164-00	12496	DESERT SPRING	#16-19-10-18	SESE 19, 10S-18E	DESERT SPRING	GRRV	GREEN RIVER	OW	
43-047-3316200	12523	DESERT SPRING	#3-29-10-18	NWNE 29, 10S-18E	DESERT SPRING	GRRV	GREEN RIVER	OW	
43-047-32493-00	11630	E COYOTE FEDERAL	#14-4-8-25	SESW 4, 8S-25E	EAST COYOTE FEDERAL	GRRV	GREENRIVER	OW	
43-047-31555-00	09497	ANTELOPE DRAW	#2-17-4C	SESW 17, 8S-22E	GLEN BENCH	GRRV	GREENRIVER	OW	UTU73974X
43-047-31556-00	09498	ANTELOPE DRAW	#3-17-3C	SESE 17, 8S-22E	GLEN BENCH	GRRV	GREENRIVER	OW	UTU73974X
43-047-32476-00	11862	GLEN BENCH	#8-19	SENE 19, 8S-22E	GLEN BENCH	GRRV	GREENRIVER	OW	UTU73974X
43-047-31257-00	11587	GLEN BENCH FED	#44-19	L 20 19, 8S-22W	GLEN BENCH	GRRV	GREEN RIVER	OW	UTU73974X
43-047-31355-00	11588	GLEN BENCH FED	#13-20	NWSW 20, 8S-22E	GLEN BENCH	GRRV	GREENRIVER	OW	UTU73974X
43-047-31356-00	06135	GLEN BENCH FED	#22-20	SENW 20, 8S-22E	GLEN BENCH		GREEN RIVER	WIW	UTU73974X
43-047-31433-00	06196	GLEN BENCH FED	#31-20	NWNE 20, 8S-22E	GLEN BENCH	GRRV	GREENRIVER	OW	UTU73974X
43-047-31008-00	06045	GLEN BENCH FED	#31-30	L 6 30, 8S-22E	GLEN BENCH	GRRV	GREEN RIVER	OW	UTU73974X
43-047-31260-00	06050	GLEN BENCH FED	#22-30	SENW 30, 8S-22E	GLEN BENCH	GRRV	GREEN RIVER	OW	UTU73974X
43-047-32549-00	11716	GLEN BENCH STATE	#6-16	SENW 16, 8S-22E	GLEN BENCH	GRRV	GREENRIVER	OW	UTU73974X
43-047-32582-00	11716	GLEN BENCH STATE	#7-16	SENE 16, 8S-22E	GLEN BENCH		GREENRIVER	WIW	UTU73974X
43-047-32583-00	11732	GLEN BENCH STATE	#12-16	NWSW 16, 8S-22E	GLEN BENCH		GREENRIVER	WIW	UTU73974X
43-047-32756-00	11955	GLEN BENCH UNIT	#15-19-8-22	SWSE 19, 8S-22E	GLEN BENCH		GREEN RIVER	WIW	UTU73974X
43-047-32755-00	12014	GLEN BENCH UNIT	#4-30-8-22	NWNW 30, 8S-22E	GLEN BENCH	GRRV	GREEN RIVER	OW	UTU73974X
43-047-32857-00	12219	GLEN BENCH UNIT	#11-16-8-22	NESW 16, 8S-22E	GLEN BENCH	GRGBS	GREEN RIVER	OW	UTU73974X
43-013-3147700	12248	UTD WALTON	#26-03	NENW 26, 9S-16E	MONUMENT BUTTE	GRRV	GREEN RIVER	OW	
43-047-33252-00	12527	GLEN BENCH STATE	#2-36-8-21	NENW 36, 8S-21E	NATURAL BUTTES	WSTC	WASATCH	GW	
43-047-33037-00	12377	GLEN BENCH STATE	#8A-36-8-21	SWNE 36, 8S-21E	NATURAL BUTTES	WSTC	WASATCH	GW	
43-047-33038-00	12378	GLEN BENCH STATE	#6-36-8-21	SENW 36, 8S-21E	NATURAL BUTTES	WSTC	WASATCH	GW	
43-047-32746-00	11944	SAGE GROUSE FEDERAL	#6-14-8-22	SENW 14, 8S-22E	NATURAL BUTTES	GRRV	GREEN RIVER	GW	
43-047-32724-00	12361	SAGE GROUSE FEDERAL	#8-36-8-21	SENE 36, 8S-21E	NATURAL BUTTES	GRRV	GREEN RIVER	GW	
43-047-3309500	12528	WHITE RIVER UNIT	#13-35-8-22	SWSW 35, 8S-22E	NATURAL BUTTES	WSTC	WASATCH	GW	891003509B
43-047-3306100	12528	WHITE RIVER UNIT	#15-35-8-22	SWSE 35, 8S-22E	NATURAL BUTTES	WSTC	WASATCH	GW	891003509B
43-047-3275400	12003	FLU KNOLLS FED.	#23-3	NESW 3, 10S-18E	UTELAND BUTTE	GRRV	GREEN RIVER	OW	
43-047-15083-00	04915	WHITE RIVER UNIT	#19-9	SWNE 9, 8S-22E	WHITE RIVER		GREENRIVER	WIW	891003509D
43-047-15080-00	04915	WRU	#15-9	NESE 9, 8S-22E	WHITE RIVER	GRRV	GREENRIVER	OW	891003509D
43-047-15085-00	04915	WRU	#24-10	NESW 10, 8S-22E	WHITE RIVER	GRRV	GREENRIVER	OW	891003509D
43-047-15086-00	04915	WRU	#27-10	SWNE 10, 8S-22E	WHITE RIVER	GRRV	GREENRIVER	OW	891003509D
43-047-31561-00	10000	WRU	#47-10	L1 10, 8S-22E	WHITE RIVER	GRRV	GREENRIVER	OW	

**SHENANDOAH ENERGY INC.
UTAH OPERATED WELLS**

A.P.I. #	ENTITY	WELL NAME	WELL #	LOCATION	FIELD NAME	PROD. ZONE	FORMATION	WELL TYPE	AGREEMENT
43-047-15090-00	04915	WRU	#31-4	SWSE 4, 8S-22E	WHITE RIVER		GREENRIVER	WSW	8910035090
43-047-15081-00	04915	WRU	#16-9	SWSE 9, 8S-22E	WHITE RIVER	GRRV	GREENRIVER	OW	891003509D
43-047-15084-00	04915	WRU	#20-9	NESW 9, 8S-22E	WHITE RIVER	GRRV	GREENRIVER	OW	891003509D
43-047-15087-00	04915	WRU	#25-9	NENE 9, 8S-22E	WHITE RIVER	GRRV	GREENRIVER	OW	891003509D
43-047-31354-00	05170	WRU	#43-16	NENW 16, 8S-22E	WHITE RIVER	GRRV	GREENRIVER	OW	
43-047-31399-00	09915	WRU	#45-16	NENE 16, 8S-22E	WHITE RIVER	GRRV	GREENRIVER	OW	
43-047-32052-00	11468	DESERT SPRINGS FED.	#20-1	NESW 20, 10S-18E	WILDCAT	GRRV	GREEN RIVER	OW	
43-013-32088-00	12497	W. DESERT SPRING	#11-20	NESW 20, 10S-17E	WILDCAT	WSTC	WASATCH	OW	
43-013-32057-00	12497	W. RIVER BEND	#16-17-10-17	SESE 17, 10S-17E	WILDCAT	GRRV	GREEN RIVER	OW	
43-013-31888-00	12497	W. RIVER BEND	#3-12-10-15	NENW 12, 10S-15E	WILDCAT	GRRV	GREEN RIVER	OW	
43-013-32084-00	12497	WILKIN RIDGE	#13-23	SWSW 23, 10S-16E	WILDCAT	WSTC	GREEN RIVER	OW	
43-047-33163-00		DESERT SPRING	#7-30-10-18	SWNE 30, T10S-R18E	APD	WSTC			

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United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

In Reply Refer To:
3100
U-058 et al
(UT-932)

JUN 5 2000

NOTICE

Shenandoah Operating Company, LLC : Oil and Gas Leases
475 17th Street, Suite 1000 :
Denver, CO 80202 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of Chandler & Associates, LLC to Shenandoah Operating Company, LLC on Federal oil and gas leases.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our automated records system. We have not abstracted the lease files to determine if the entity affected by the name change holds an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the name change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

A rider to statewide Surety Bond No. 124 29 03 64 (BLM Bond No. UT0969) changing the name on the bond from Chandler & Associates, LLC to Shenandoah Energy Inc. has been accepted by this office effective January 26, 2000. However, the rider makes no mention of Shenandoah Operating Company, LLC. A rider to the above bond adding the name of Shenandoah Operating Company, LLC needs to be submitted to this office.

/s/ Robert Lopez

Robert Lopez
Chief, Branch of
Minerals Adjudication

Enclosure
Exhibit of Leases

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JUN 06 2000

DIVISION OF
OIL, GAS AND MINING

cc: Moab Field Office
Vernal Field Office
MMS-Reference Data Branch, MS 3130, Box 5860, Denver, CO 80217
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC, UT 84114-5801
Irene Anderson (UT-932)
Teresa Thompson (UT-931)
LaVerne Steah (UT-942)

FILED

CLERK

EXHIBIT A
LEASES AFFECTED BY NAME CHANGE

U-058	UTU-64911	UTU-72468	UTU-74494	UTU-75102
U-059	UTU-64912	UTU-72598	UTU-74493	UTU-75103
U-0629	UTU-65276	UTU-72634	UTU-74496	UTU-75116
U-0803	UTU-65485	UTU-72649	UTU-74830	UTU-75243
U-0971	UTU-65632	UTU-73182	UTU-74831	UTU-75503
U-0971-A	UTU-65771	UTU-73409	UTU-74832	UTU-75678
U-01089	UTU-65777	UTU-73443	UTU-74833	UTU-75684
U-02510-A	UTU-66014	UTU-73456	UTU-74834	UTU-76278
U-029649	UTU-66473	UTU-73482	UTU-74836	UTU-76482
U-9613	UTU-67844	UTU-73502	UTU-74842	UTU-76721
U-9617	UTU-68387	UTU-73680	UTU-74966	UTU-76835
U-9809	UTU-68620	UTU-73681	UTU-74967	UTU-76963
U-18126	UTU-69001	UTU-73684	UTU-74968	UTU-77061
U-18134	UTU-69402	UTU-73686	UTU-74971	UTU-77063
U-18889-A	UTU-65404	UTU-73687	UTU-75071	UTU-77301
U-18897-A	UTU-67532	UTU-73914	UTU-75076	UTU-77503
U-28652	UTU-69403	UTU-73917	UTU-75079	UTU-77508
U-43915	UTU-71407	UTU-74374	UTU-75080	UTU-77514
U-43916	UTU-71416	UTU-74380	UTU-75081	UTU-78021
U-43918	UTU-71432	UTU-74394	UTU-75082	UTU-78028
U-51015	UTU-72002	UTU-74401	UTU-75083	UTU-78029
U-56947	UTU-72066	UTU-74402	UTU-75084	UTU-78215
U-63150	UTU-72109	UTU-74407	UTU-75085	UTU-78216
UTU-64906	UTU-72118	UTU-74408	UTU-75086	
UTU-64907	UTU-72356	UTU-74419	UTU-75087	
UTU-64908	UTU-72467	UTU-74457	UTU-75088	
	U-63021X (White River Unit)		U-63079X (Orangeville Unit)	
	U-63083X (Buzzard Bench Unit)		UTU-73974X (Glen Bench Unit)	

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DIVISION OF
OIL, GAS AND MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO
UT-931

August 24, 2000

Attn: Scott M. Webb
Shenandoah Energy Inc.
465 17th Street, Suite 1000
Denver, Colorado 80202

Re: White River Unit
Uintah County, Utah

Gentlemen:

On August 24, 2000, we received an indenture dated August 18, 2000, whereby Shenandoah Operating Company, L.L.C. resigned as Unit Operator and Shenandoah Energy Inc. was designated as Successor Unit Operator for the White River 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 August 24, 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 White River Unit Agreement.

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

bcc: Field Manager - Vernal (w/enclosure)
Division of Oil, Gas & Mining
Minerals Adjudication Group U-932
File - White River Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

UT931:TAThompson:tt:8/24/00

WHITE RIVER PI OIL			
Participating Area	MMS Number	LR2000 Number	Percent Federal
UNIT	<u>891003509X</u>	<u>UTU63021X</u>	100.00%
GREEN RIVER "B" PA	<u>891003509D</u>	<u>UTU63021D</u>	100.00%
GREEN RIVER PA	<u>891003509A</u>	<u>UTU63021A</u>	100.00%
GREEN RIVER PARACHUTE CREEK PA	<u>8910035090</u>	<u>UTU63021O</u>	100.00%
WASATCH "B" PA	<u>891003509C</u>	<u>UTU63021C</u>	100.00%
WASATCH PA	<u>891003509B</u>	<u>UTU63021B</u>	100.00%

DISCLAIMER for online data: No warranty is made by the BLM for use of the data for purposes not intended by the BLM.

Results of query for MMS Account Number 891003509D

API Number	Operator	Well Name	Well Status	Lease or CA Number	Inspection Item	Township	Range	Section	Quarter/(
4304715080	CHANDLER & ASSOCIATES LLC	15-9 WHITE RIVER	TA	UTU43915	891003509D	8S	22E	9	NESE
4304715081	CHANDLER & ASSOCIATES LLC	16-9 WHITE RIVER	POW	UTU43915	891003509D	8S	22E	9	SWSE
4304715083	CHANDLER & ASSOCIATES LLC	19-9 WHITE RIVER	WIWSI	UTU0971	891003509D	8S	22E	9	SWNE
4304715085	CHANDLER & ASSOCIATES LLC	24-10 WHITE RIVER	TA	UTU74494	891003509D	8S	22E	10	NESW
4304715086	CHANDLER & ASSOCIATES LLC	27-10 WHITE RIVER	TA	UTU43918	891003509D	8S	22E	10	SWNE
4304715087	CHANDLER & ASSOCIATES LLC	25-9 WHITE RIVER	TA	UTU0971	891003509D	8S	22E	9	NENE
4304731481	CHANDLER & ASSOCIATES LLC	46-9 WHITE RIVER	P+A	UTU43915	891003509D	8S	22E	9	SESE

DISCLAIMER for online data: No warranty is made by the BLM for use of the data for purposes not intended by the BLM.

Results of query for MMS Account Number 8910035090

API Number	Operator	Well Name	Well Status	Lease or CA Number	Inspection Item	Township	Range	Section	Quarter/
4304715082	CHANDLER & ASSOCIATES LLC	17-10 WHITE RIVER	ABD	UTU43918	8910035090	8S	22E	10	SWNW
4304715084	CHANDLER & ASSOCIATES LLC	20-9 WHITE RIVER	PGW	UTU74494	8910035090	8S	22E	9	NESW
4304715090	CHANDLER & ASSOCIATES LLC	31-4 WHITE RIVER	WSW	UTU02510A	8910035090	8S	22E	4	SWSE

DISCLAIMER for online data: No warranty is made by the BLM for use of the data for purposes not intended by the BLM.

Results of query for MMS Account Number 891003509B

API Number	Operator	Well Name	Well Status	Lease or CA Number	Inspection Item	Township	Range	Section	
4304715077	CHANDLER & ASSOCIATES LLC	3 ALAMO-WHITE RIVER	P+A	UTU0629	891003509B	8S	22E	25	
4304733061	CHANDLER & ASSOCIATES LLC	15-35-8-22	PGW	UTU01089	891003509B	8S	22E	35	
4304733095	CHANDLER & ASSOCIATES LLC	13-35	PGW	UTU01089	891003509B	8S	22E	35	

DISCLAIMER for online data: No warranty is made by the BLM for use of the data for purposes not intended by the BLM.

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH		4-KAS
2. CDW	✓	5- 70 ✓
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

Merger

The operator of the well(s) listed below has changed, effective: 8-24-2000

FROM: (Old Operator):
 CHANDLER & ASSOCIATES INC
 Address: 475 17TH STREET STE 1000
 DENVER, CO 80202
 Phone: 1-(303)-295-0400
 Account No. N3320

TO: (New Operator):
 SHENANDOAH ENERGY INC
 Address 475 17TH STREET STE 1000
 DENVER, CO 80202
 Phone: 1-(303)-295-0400
 Account N4235

CA No. **Unit: WHITE RIVER**

WELL(S)

NAME	API NO.	ENTITY NO.	SEC. TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
WHITE RIVER 31-4	43-047-15090	4915	04-08S-22E	FEDERAL	WSW	A
WHITE RIVER 15-9	43-047-15080	4915	09-08S-22E	FEDERAL	OW	TA
WHITE RIVER 16-9	43-047-15081	4915	09-08S-22E	FEDERAL	OW	S
WHITE RIVER 20-9	43-047-15084	4915	09-08S-22E	FEDERAL	OW	S
WHITE RIVER 25-9	43-047-15087	4915	09-08S-22E	FEDERAL	OW	TA
WHITE RIVER 24-10	43-047-15085	4915	10-08S-22E	FEDERAL	OW	S
WHITE RIVER 27-10	43-047-15086	4915	10-08S-22E	FEDERAL	OW	TA
WHITE RIVER 43-16	43-047-31354	5170	16-08S-22E	STATE	OW	S
WHITE RIVER 45-16	43-047-31399	9915	16-08S-22E	STATE	OW	P

OPERATOR CHANGES DOCUMENTATION

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 05/30/2000
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 05/30/2000
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 10/20/2000
- Is the new operator registered in the State of Utah: YES Business Number: 1467732-0143
9/28/00-PER OPERATOR-PAPERS HAVE BEEN FILED AND BEING PROCESSED BY DOC
- If **NO**, the operator was contacted on: _____
- 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: 08/24/2000
- Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 08/24/2000

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: _____

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

DATA ENTRY:

- 1. Changes entered in the **Oil and Gas Database** on: 10/20/2000
- 2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 10/20/2000
- 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.: YES

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:

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

X Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective:		2/1/2003
FROM: (Old Operator):	TO: (New Operator):	
N4235-Shenandoah Energy Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341	N2460-QEP Uinta Basin Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341	

CA No. Unit: WHITE RIVER UNIT

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	Confid
WRU 13W-3-8-22	03	080S	220E	4304733651	13544	Federal	GW	P	
WHITE RIVER 31-4	04	080S	220E	4304715090	4915	Federal	WS	A	
OU GB 12W-4-8-22	04	080S	220E	4304734762	13718	Federal	GW	P	C
GB 6W-9-8-22	09	080S	220E	4304734010	13545	Federal	GW	P	
GB 4W-9-8-22	09	080S	220E	4304734208	13545	Federal	GW	P	
OU GB 14W-9-8-22	09	080S	220E	4304734649	13714	Federal	GW	P	C
OU GB 15W-9-8-22	09	080S	220E	4304734678	13692	Federal	GW	P	C
WRU 15-35-8-22	35	080S	220E	4304733061	12528	Federal	GW	P	
E IRON HORSE 12W-35-8-22	35	080S	220E	4304733393	12528	Federal	GW	P	C
E IRON HORSE 4W-35-8-22	35	080S	220E	4304734042	12528	Federal	GW	P	C
E IRON HORSE 3W-35-8-22	35	080S	220E	4304734044	12528	Federal	GW	P	C
WRU 13WX-35-8-22	35	080S	220E	4304734210	13456	Federal	GW	P	C
WRU EIH 5W-35-8-22	35	080S	220E	4304734572	12528	Federal	GW	P	C
WRU EIH 11W-35-8-22	35	080S	220E	4304734708	12528	Federal	GW	P	C

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

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

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

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

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

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

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

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 8/28/2003

2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 8/28/2003

3. Bond information entered in RBDMS on: n/a

4. Fee wells attached to bond in RBDMS on: n/a

STATE WELL(S) BOND VERIFICATION:

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

FEDERAL WELL(S) BOND VERIFICATION:

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

INDIAN WELL(S) BOND VERIFICATION:

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

FEE WELL(S) BOND VERIFICATION:

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

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

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS:



May 28, 2003

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

Attention: John Baza/Jim Thompson

Gentlemen:

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

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

Yours truly,

Frank Nielsen
Division Landman

Enclosure

RECEIVED

JUN 02 2003

DIV. OF OIL, GAS & MINING

U (N4235) to QEP (N2460) WHITE RIVER UN

well name	Sec	T	R	api	Entity	Lease Type	type	stat	
WHITE RIVER 31-4	04	080S	220E	4304715090	4915	Federal	WS	A	
WRU 15-35-8-22	35	080S	220E	4304733061	12528	Federal	GW	P	
E IRON HORSE 12W-35-8-22	35	080S	220E	4304733393	12528	Federal	GW	P	C
WRU 13W-3-8-22	03	080S	220E	4304733651	13544	Federal	GW	P	
GB 6W-9-8-22	09	080S	220E	4304734010	13545	Federal	GW	P	
E IRON HORSE 4W-35-8-22	35	080S	220E	4304734042	12528	Federal	GW	P	C
E IRON HORSE 3W-35-8-22	35	080S	220E	4304734044	12528	Federal	GW	P	C
GB 4W-9-8-22	09	080S	220E	4304734208	13545	Federal	GW	P	
WRU 13WX-35-8-22	35	080S	220E	4304734210	13456	Federal	GW	P	C
WRU EIH 5W-35-8-22	35	080S	220E	4304734572	12528	Federal	GW	P	C
OU GB 14W-9-8-22	09	080S	220E	4304734649	13714	Federal	GW	P	C
OU GB 15W-9-8-22	09	080S	220E	4304734678	13692	Federal	GW	P	C
WRU EIH 11W-35-8-22	35	080S	220E	4304734708	12528	Federal	GW	P	C
OU GB 12W-4-8-22	04	080S	220E	4304734762	13718	Federal	GW	P	C



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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

IN REPLY REFER TO
UT-922

June 9, 2003

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

Re: White River Unit
Uintah County, Utah

Gentlemen:

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

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

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

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

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)
SITLA
Division of Oil, Gas & Mining
Minerals Adjudication Group
File - White River Unit (w/enclosure)
Agr. Sec. Chron
Fluid Chron

UT922:TAThompson:tt:6/9/03

JUL 07 2003

3104 (932.34)WF
Nationwide Bond ESB000024

NOTICE

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

:
: Oil and Gas
: lease
:

Name Change Recognized

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

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

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

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

S/ Wilbert B. Forbes

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

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

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ
2. CDW

Change of Operator (Well Sold)

X - Operator Name Change/Merger

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

1/1/2007

FROM: (Old Operator): N2460-QEP Uinta Basin, Inc. 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 672-6900	TO: (New Operator): N5085-Questar E&P Company 1050 17th St, Suite 500 Denver, CO 80265 Phone: 1 (303) 672-6900
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CA No.		Unit:		WHITE RIVER UNIT				
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LISTS				*				

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/19/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/16/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 1/31/2005
- Is the new operator registered in the State of Utah: Business Number: 764611-0143
- (R649-9-2)Waste Management Plan has been received on: IN PLACE
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: n/a
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 4/23/2007 BIA
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 4/23/2007
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on:
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:

DATA ENTRY:

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

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: ESB000024
- Indian well(s) covered by Bond Number: 799446
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965003033
- The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

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

COMMENTS: THIS IS A COMPANY NAME CHANGE.

SOME WELL NAMES HAVE BEEN CHANGED AS REQUESTED

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
WHITE RIVER UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WHITE RIVER 31-4	WR 31-4	SWSE	04	080S	220E	4304715090	4915	Federal	WS	A
WRU 15-35-8-22	WRU EIH 15-35-8-22	SWSE	35	080S	220E	4304733061	12528	Federal	GW	P
E IRON HORSE 12W-35-8-22	WRU EIH 12W-35-8-22	NWSW	35	080S	220E	4304733393	12528	Federal	GW	P
WRU 13W-3-8-22	WR 13W-3-8-22	SWSW	03	080S	220E	4304733651	13544	Federal	GW	P
GB 6W-9-8-22	OU GB 6W-9-8-22	SENW	09	080S	220E	4304734010	13545	Federal	GW	P
E IRON HORSE 4W-35-8-22	WRU EIH 4W-35-8-22	NWNW	35	080S	220E	4304734042	12528	Federal	GW	P
E IRON HORSE 3W-35-8-22		NENW	35	080S	220E	4304734044	12528	Federal	GW	P
GB 4W-9-8-22	WRU GB 4WRG-9-8-22	NWNW	09	080S	220E	4304734208	4915	Federal	GW	DRL
WRU 13WX-35-8-22	WRU EIH 13WX-35-8-22	SWSW	35	080S	220E	4304734210	12528	Federal	GW	P
WRU EIH 5W-35-8-22	WRU EIH 5W-35-8-22	SWNW	35	080S	220E	4304734572	12528	Federal	GW	P
OU GB 14W-9-8-22	OU GB 14W-9-8-22	SESW	09	080S	220E	4304734649	13545	Federal	GW	P
WRU GB 9MU-9-8-22	WRU GB 9MU-9-8-22	NESE	09	080S	220E	4304734650	13545	Federal	GW	P
OU GB 10W-9-8-22	OU GB 10W-9-8-22	NWSE	09	080S	220E	4304734651	13545	Federal	GW	P
OU GB 12W-9-8-22	OU GB 12W-9-8-22	NWSW	09	080S	220E	4304734652	13712	Federal	GW	S
OU GB 15W-9-8-22	OU GB 15W-9-8-22	SWSE	09	080S	220E	4304734678	13545	Federal	GW	P
OU GB 16W-9-8-22	OU GB 16W-9-8-22	SESE	09	080S	220E	4304734679	13545	Federal	GW	P
WRU EIH 6W-35-8-22	WRU EIH 6W-35-8-22	SENW	35	080S	220E	4304734684	12528	Federal	GW	P
GB 11ML-10-8-22	GB 11ML-10-8-22	NESW	10	080S	220E	4304734691	14818	Federal	GW	P
WRU EIH 11W-35-8-22	WRU EIH 11W-35-8-22	NESW	35	080S	220E	4304734708	12528	Federal	GW	P
WRU GB 5M-9-8-22	WRU GB 5M-9-8-22	SWNW	09	080S	220E	4304734753	13545	Federal	GW	P
OU GB 12W-4-8-22	OU GB 12W-4-8-22	NWSW	04	080S	220E	4304734762	13718	Federal	GW	P
OU GB 12M-10-8-22	OU GB 12M-10-8-22	NWSW	10	080S	220E	4304734769	13864	Federal	GW	P
WRU EIH 14W-26-8-22	WRU EIH 14W-26-8-22	SESW	26	080S	220E	4304734835	12528	Federal	GW	S
WRU EIH 11MU-26-8-22	WRU EIH 11MU-26-8-22	NESW	26	080S	220E	4304734836	12528	Federal	GW	P
WRU EIH 10W-35-8-22	WRU EIH 10W-35-8-22	NWSE	35	080S	220E	4304735046	12528	Federal	GW	P
WRU EIH 9MU-26-8-22	WRU EIH 9MU-26-8-22	NESE	26	080S	220E	4304735047	14003	Federal	GW	P
WRU EIH 15MU-26-8-22	WRU EIH 15MU-26-8-22	SWSE	26	080S	220E	4304735048	12528	Federal	GW	P
WRU EIH 1MU-35-8-22	WRU EIH 1MU-35-8-22	NENE	35	080S	220E	4304735049	12528	Federal	GW	P
WRU EIH 9M-35-8-22	WRU EIH 9M-35-8-22	NESE	35	080S	220E	4304735050	12528	Federal	GW	P
WRU EIH 7MU-35-8-22	WRU EIH 7MU-35-8-22	SWNE	35	080S	220E	4304735051	12528	Federal	GW	P
WRU EIH 1MU-26-8-22	WRU EIH 1MU-26-8-22	NENE	26	080S	220E	4304735118	12528	Federal	GW	P
WRU EIH 7MU-26-8-22	WRU EIH 7MU-26-8-22	SENE	26	080S	220E	4304735119	12528	Federal	GW	P
WRU EIH 10MU-26-8-22	WRU EIH 10MU-26-8-22	NWSE	26	080S	220E	4304735120	12528	Federal	GW	P
WRU EIH 15MU-35-8-22	WRU EIH 15MU-35-8-22	SWSE	35	080S	220E	4304735121	12528	Federal	GW	P
WRU EIH 10ML-23-8-22	WRU EIH 10ML-23-8-22	NWSE	23	080S	220E	4304735187	12528	Federal	GW	P
SG 12MU-23-8-22	SG 12MU-23-8-22	NWSW	23	080S	220E	4304735188	12528	Federal	GW	P
WRU EIH 9ML-23-8-22	WRU EIH 9ML-23-8-22	NESE	23	080S	220E	4304735189	12528	Federal	GW	P
WRU EIH 16MU-26-8-22	WRU EIH 16MU-26-8-22	SESE	26	080S	220E	4304735191	12528	Federal	GW	P
WRU EIH 2MU-26-8-22	WRU EIH 2MU-26-8-22	NWNE	26	080S	220E	4304735192	12528	Federal	GW	P
WRU EIH 8MU-26-8-22	WRU EIH 8MU-26-8-22	SENE	26	080S	220E	4304735193	12528	Federal	GW	P
WRU EIH 16MU-35-8-22	WRU EIH 16MU-35-8-22	SESE	35	080S	220E	4304735194	12528	Federal	GW	P

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
WHITE RIVER UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
WRU EIH 8MU-35-8-22	WRU EIH 8MU-35-8-22	SENE	35	080S	220E	4304735195	12528	Federal	GW	P
WRU EIH 13MU-25-8-22	WRU EIH 13MU-25-8-22	SWSW	25	080S	220E	4304735329	12528	Federal	GW	P
WRU EIH 15ML-23-8-22	WRU EIH 15ML-23-8-22	SWSE	23	080S	220E	4304735387	12528	Federal	GW	P
WRU EIH 4MU-25-8-22	WRU EIH 4MU-25-8-22	NWNW	25	080S	220E	4304735388	12528	Federal	GW	P
WRU EIH 3MU-25-8-22	EIH 3MU-25-8-22	NENW	25	080S	220E	4304735389	12528	Federal	GW	P
WRU EIH 12ML-24-8-22	WRU EIH 12ML-24-8-22	NWSW	24	080S	220E	4304735425	12528	Federal	GW	P
WRU EIH 14ML-24-8-22	WRU EIH 14ML-24-8-22	SESW	24	080S	220E	4304735426	12528	Federal	GW	P
WRU EIH 6MU-25-8-22	WRU EIH 6MU-25-8-22	SENW	25	080S	220E	4304735431	12528	Federal	GW	P
WRU EIH 5MU-25-8-22	WRU EIH 5MU-25-8-22	SWNW	25	080S	220E	4304735432	12528	Federal	GW	P
WRU EIH 12MU-25-8-22	WRU EIH 12MU-25-8-22	NWSW	25	080S	220E	4304735601	12528	Federal	GW	P
WRU EIH 14MU-35-8-22	WRU EIH 14MU-35-8-22	SESW	35	080S	220E	4304735667	12528	Federal	GW	P
WRU EIH 13ML-24-8-22	WRU EIH 13ML-24-8-22	SESW	24	080S	220E	4304735793	12528	Federal	GW	P
WRU EIH 16ML-23-8-22	WRU EIH 16ML-23-8-22	SWSE	23	080S	220E	4304735804	12528	Federal	GW	P
WRU EIH 11ML-24-8-22	WRU EIH 11ML-24-8-22	NWSW	24	080S	220E	4304735805	12528	Federal	GW	P
WRU EIH 6B-ML-35-8-22	WRU EIH 6B-ML-35-8-22	SWNW	35	080S	220E	4304737299	12528	Federal	GW	P
WRU EIH 6B-ML-35-8-20	WRU EIH 6B-ML-35-8-21	SWNW	35	080S	220E	4304737299	15281 12528	Federal	GW	S
WRU EIH 11BML-35-8-22	WRU EIH 11BML-35-8-22	NESW	35	080S	220E	4304737300	12528	Federal	GW	P
WRU EIH 3D-ML-35-8-22	WRU EIH 3D-ML-35-8-22	SENW	35	080S	220E	4304737465	12528	Federal	GW	P
WRU EIH 7D-ML-35-8-22	WRU EIH 7D-ML-35-8-22	SWNE	35	080S	220E	4304737466	12528	Federal	GW	P
WRU EIH 4AML-25-8-22	WRU EIH 4AD-25-8-22	NWNW	25	080S	220E	4304738636		Federal	GW	APD
WRU EIH 7AML-26-8-22	WRU EIH 7AD-26-8-22	SWNE	26	080S	220E	4304738637		Federal	GW	APD
WRU EIH 8DML-26-8-22	WRU EIH 8DML-26-8-22	SENE	26	080S	220E	4304738638		Federal	GW	APD
WRU EIH 9DML-26-8-22	WRU EIH 9DML-26-8-22	NESE	26	080S	220E	4304738639		Federal	GW	APD
WRU EIH 6DML-35-8-22	WRU EIH 6DD-35-8-22	SENW	35	080S	220E	4304738640		Federal	GW	APD
WRU EIH 7AD-35-8-22	WRU EIH 7AD-35-8-22	SWNE	35	080S	220E	4304738641		Federal	GW	APD
WRU EIH 13AML-35-8-22	WRU EIH 14BD-35-8-22	SWSW	35	080S	220E	4304738642		Federal	GW	APD
WRU EIH 2AML-35-8-22	WRU EIH 2AML-35-8-22	NWNE	35	080S	220E	4304738643		Federal	GW	APD
WRU EIH 3AD-35-8-22	WRU EIH 3AD-35-8-22	NENW	35	080S	220E	4304738644		Federal	GW	APD
WRU EIH 10AML-26-8-22	WRU EIH 10AML-26-8-22	NWSE	26	080S	220E	4304738647		Federal	GW	APD
WRU EIH 14AML-26-8-22	WRU EIH 14AML-26-8-22	SESW	26	080S	220E	4304738648		Federal	GW	APD
WRU EIH 9CML-26-8-22	WRU EIH 9CD-26-8-22	NESE	26	080S	220E	4304738649		Federal	GW	APD
WRU EIH 6BML-25-8-22	WRU EIH 6BML-25-8-22	SENW	25	080S	220E	4304738650		Federal	GW	APD
WRU EIH 15AG-35-8-22	WRU EIH 15AG-35-8-22	SWSE	35	080S	220E	4304738772		Federal	OW	APD
WRU EIH 15AML-35-8-22	WRU EIH 15AD-35-8-22	SWSE	35	080S	220E	4304738773		Federal	GW	APD

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.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 <small>CITY</small> Denver <small>STATE</small> CO <small>ZIP</small> 80265		7. UNIT or CA AGREEMENT NAME: see attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: attached		8. WELL NAME and NUMBER: see attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER: attached
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT:
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 (Submit in Duplicate) Approximate date work will start: <u>1/1/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Operator Name Change</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

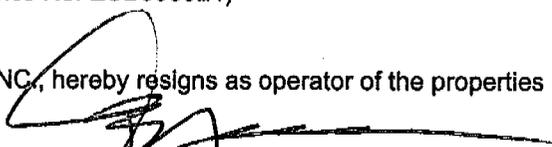
Effective January 1, 2007 operator of record, QEP Uinta Basin, Inc., will hereafter be known as QUESTAR EXPLORATION AND PRODUCTION COMPANY. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:

Federal Bond Number: 965002976 (BLM Reference No. ESB000024)

Utah State Bond Number: 965003033

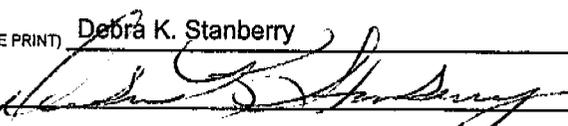
Fee Land Bond Number: 965003033

Current operator of record, QEP UINTA BASIN, INC., hereby resigns as operator of the properties as described on the attached list.


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

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


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

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

(This space for State use only)

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APR 19 2007

DIV. OF OIL, GAS & MINING

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.

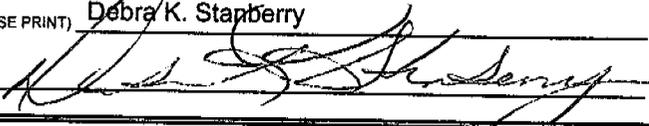
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
2. NAME OF OPERATOR QUESTAR EXPLORATION AND PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
3. ADDRESS OF OPERATOR 1050 17th Street Suite 500 CITY Denver STATE CO ZIP 80265		7. UNIT or CA AGREEMENT NAME: see attached
4. LOCATION OF WELL FOOTAGES AT SURFACE: attached		8. WELL NAME and NUMBER: see attached
PHONE NUMBER: (303) 308-3068		9. API NUMBER: attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT:
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 (Submit in Duplicate) Approximate date work will start: <u>1/1/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Well Name Changes</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

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

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

(This space for State use only)

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APR 19 2007

DIV. OF OIL, GAS & MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

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



IN REPLY REFER TO
3180
UT-922

April 23, 2007

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

Re: White River Unit
Uintah County, Utah

Gentlemen:

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

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

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

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

Sincerely,

/s/ Greg J. Noble

Greg J. Noble
Acting Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)
SITLA
Division of Oil, Gas & Mining
File - White River Unit (w/enclosure)
Agr. Sec. Chron
Reading File
Central Files

UT922:TAThompson:tt:4/23/07

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APR 30 2007

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

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.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator **Questar Exploration and Production Inc.**

3a. Address **11002 E. 17500 S. VERNAL, UT 84078-8526**

3b. Phone No. (include area code) **435-781-4319**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
572' FSL, 1575' FEL, SWSE, SECTION 4, T8S, R22E, SLBM

5. Lease Serial No.
UTU 02510A

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

7. If Unit or CA/Agreement, Name and/or No.
White River

8. Well Name and No.
WR 31-4

9. API Well No.
43-047-15090

10. Field and Pool, or Exploratory Area
White River

11. County or Parish, State
Uintah

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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.)

Questar Exploration and Production Company plans to plug and abandon this well. A notice of intent to plug and abandon will be sent within the next six months with the details of the work to be performed attached. This work will be done within the next two years or the third quarter of 2010, with the permission of the BLM.

**RECEIVED
AUG 13 2008**

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct
 Name (Printed/Typed) **Lucius McGillivray lucius.mcgillivray@questar.com** Title **Associate Petroleum Engineer**

Signature *Lucius McGillivray* Date **7-21-08**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____	Title _____	Date _____
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 _____		

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.

(Instructions on page 2)

~~CONFIDENTIAL~~

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

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.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.		5. Lease Serial No. UTU 02510A
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Questar Exploration and Production Inc.		7. If Unit or CA/Agreement, Name and/or No. White River
3a. Address 11002 E. 17500 S. VERNAL, UT 84078-8526	3b. Phone No. (include area code) 435-781-4319	8. Well Name and No. WR 31-4
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 572' FSL, 1575' FEL, SWSE, SECTION 4, T8S, R22E, SLBM		9. API Well No. 43-047-15090
		10. Field and Pool, or Exploratory Area White River
		11. County or Parish, State Uintah

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 type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input checked="" 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 recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Questar E&P requests approval to plug and abandon this well as follows:

1. Stab into retainer at 3925' and squeeze 30 sx cement, unstab and dump 20 sx on top of retainer
2. If unable to stab into retainer, will drill up current retainer and replace with new CICR and repeat step 1
3. Fill hole with minimum 9 ppg fluid
4. Perforate production casing 100' below the base of usable water, specified by BLM, establish circulation
5. Set CICR 100' above perforation and pump 55 sacks through and 15 sacks on top
6. Perforate production casing @ 255', establish circulation
7. Pump approximately 80 sacks down production casing through perforations and up annulus until good cement at surface
8. Cut off wellhead

Work will start after Questar receives BLM and UDOGM approval and rig is available.

COPY SENT TO OPERATOR

Date: 3-26-2009

Initials: KS

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

Name (Printed/Typed) Lucius McGillivray lucius.mcgillivray@questar.com	Title Associate Petroleum Engineer
Signature <i>Lucius McGillivray</i>	Date 3-23-09

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by <i>[Signature]</i>	Title Pet. Eng.	Date 3/26/09
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 DOGm	Federal Approval Of This Action Is Necessary

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.

(Instructions on page 2)

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MAR 25 2009

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

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.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <i>WS</i>		5. Lease Serial No. UTU 02510A
2. Name of Operator Questar Exploration and Production Inc.		6. If Indian, Allottee or Tribe Name N/A
3a. Address 11002 East 17500 South Vernal, UT 84078	3b. Phone No. (include area code) 435 781-4319	7. If Unit or CA/Agreement, Name and/or No. White River
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 572' FSL, 1575' FEL, SWSE, Section 4, T8S, R22E, SLBM		8. Well Name and No. WR 31-4
		9. API Well No. 43-047-15090
		10. Field and Pool, or Exploratory Area White River
		11. County or Parish, State Utah, Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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 type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input checked="" 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.)

Questar Exploration and Production Co. reports the following work to plug and abandon occurred on June 30th, 2009 as follows:

1. Tag CICR @ 3929', sting into CICR, pump 30 sacks under and 20 sacks on top
2. Hunt hole in casing, found hole between 200' and 250'
3. Perforate @ 2585' good rate into perfs
4. Set CICR @ 2368', pump 60 sacks under and 15 sacks on top
5. Break circulation to surface through casing hole
6. Pump 75 sacks down production casing up annulus until good cement to surface
7. Weld on plate

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

Name (Printed/Typed) Lucius McGilivray	Title Associate Petroleum Engineer
Signature <i>Lucius McGilivray</i>	Date 07/14/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____	Title _____	Date _____
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 _____		

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(Instructions on page 2)

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JUL 20 2009

DIV. OF OIL, GAS & MINING

RECEIVED

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCT 28 2015

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

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

5. Lease Serial No.
UTU02510A
6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

7. If Unit or CA/Agreement, Name and/or No.
891003509G

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No.
WR 31-4

2. Name of Operator
QEP ENERGY COMPANY
Contact: VALYN DAVIS
E-Mail: valyn.davis@qepres.com

9. API Well No.
43-047-15090-00-S1

3a. Address
11002 EAST 17500 SOUTH
VERNAL, UT 84078

3b. Phone No. (include area code)
Ph: 435.781.4369

10. Field and Pool, or Exploratory
WHITE RIVER

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 4 T8S R22E SWSE 572FSL 1575FEL

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JUN 13 2016

11. County or Parish, and State
UINTAH COUNTY, UT

DIV. OF OIL, GAS & MINING

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

TYPE OF SUBMISSION	TYPE OF ACTION				
<input 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 checked="" type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Final Abandonment Notice	
	<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.)

THIS WELL WAS PLUGGED AND ABANDONED ON 6/30/2009.

FINAL RECLAMATION WAS CONDUCTED. RECENT MONITORING RESULTS SHOW THAT THE RELATIVE DESIRABLE VEGETATION HAS REACHED THE 75% THRESHOLD AS REQUIRED IN THE BLM GRD RECLAMATION GUIDELINES.

BASED ON THESE RESULTS, QEP ENERGY COMPANY REQUESTS APPROVAL OF THIS FINAL ABANDONMENT NOTICE(FAN).

see attached

Cancelled 6/9/16 per request of Stephanie Tompkins

VERNAL FIELD OFFICE	
ENG.	—
GEOL.	—
ENV.	—
PLS.	—
PET.	—
RECL.	—
DATE	3-18-2016

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

Electronic Submission #321797 verified by the BLM Well Information System
For QEP ENERGY COMPANY, sent to the Vernal
Committed to AFMSS for processing by JONNETTA MAGEE on 10/30/2015 (16JM0159SE)

Name (Printed/Typed) VALYN DAVIS

Title REGULATORY AFFAIRS ANALYST

Signature (Electronic Submission)

Date 10/28/2015

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

Title

Date

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

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 **

UDOGM