



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 2, 1984

Union Oil Company of California
P O Box 2620
Casper, Wyoming 82602-2620

Gentlemen:

Re: Well No. Castle Draw USA #3-N10-X - Sec. 10, T. 9S., R. 17E.
Duchesne County, Utah - API #43-013-30994

According to our records, a "Well Completion Report" filed with this office November 9, 1984 on the above referred to well, indicates the following electric logs were run: DLL-MSFL w/GR, Caliper & SP and CNL-LDT-EPT w/GR & Caliper. This office has not yet received these logs.

Please take care of this matter as soon as possible, but not later than February 2, 1985.

Your cooperation in this matter is appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Claudia L. Jones".

Claudia L. Jones
Well Records Specialist

cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
File

0009S/6

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

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
 Union Oil Company of California

3. ADDRESS OF OPERATOR
 P. O. Box 2620 - Casper, WY 82602-2620

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface 655' FSL & 2005' FWL (SE SW)
 At proposed prod. zone 655' FSL & 2005' FWL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Approximately 14.5 miles southeast of Myton, Utah

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
 660'

16. NO. OF ACRES IN LEASE
 240

17. NO. OF ACRES ASSIGNED TO THIS WELL
 40

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 1867'

19. PROPOSED DEPTH
 6100'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5191' GR (Ungraded)

22. APPROX. DATE WORK WILL START*
 Immediately Upon Approval

5. LEASE DESIGNATION AND SERIAL NO.
 U-020252

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
 Castle Draw USA

9. WELL NO.
 3-N10-X

10. FIELD AND POOL, OR WILDCAT
 Monument Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 10, T.9S., R.17E.

12. COUNTY OR PARISH
 Duchesne

13. STATE
 Utah

RECEIVED

AUG 31 1984

DIVISION OF OIL GAS & MINING

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT	Expected Top
12-1/4"	8-5/8"	20#	300'	250 sx 50-50 pozmix	Surface
7-7/8"	4-1/2"	10.5#	6100'	650 sx 50-50 pozmix	3500'

PROPOSED DRILLING PROGRAM:

Move in rotary rig. Drill 12-1/4" hole to 300'. Run and cement 8-5/8" casing. Drill 7-7/8" hole to approximate T.D. of 6100'. Run logs and, if logs indicate production, run and cement 4-1/2" casing. Perforate and complete using 2-3/8" tubing.

The BOP will be operationally tested daily and each test logged.

Note: Castle Draw USA Well No. 3-N10-X is a replacement well for Castle Draw USA Well No. 3-N10 which was abandoned at 2170' due to severe hole deviation on 8-26-84. Union Oil Company of California will abide by the original conditions of approval for Well No. 3-N10 in connection with the drilling of Well No. 3-N10-X which will be located on the same drill pad.

(Subject well will be drilled under Bond No. B-73310)

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

24. SIGNED R. G. Ladd, Jr. TITLE District Drilling Supt. DATE 8-28-84
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY No Plat TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY THE STATE
OIL AND MINING
 DIVISION OF
 OIL AND MINING
 BY John R. Bay

*See Instructions On Reverse Side

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

5. LEASE DESIGNATION AND SERIAL NO.
U-020252

6. IF INDIAN, ALLOTTED OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Castle Draw USA

9. WELL NO.
3-N10-X

10. FIELD AND POOL, OR WILDCAT
Monument Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 10, T.9S., R.17E.

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

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
Union Oil Company of California

3. ADDRESS OF OPERATOR
P. O. Box 2620 - Casper, WY 82602-2620

4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations.) 1984
 At surface 655' FSL & 2005' FWL (SE SW)
 At proposed prod. zone 655' FSL & 2005' FWL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 14.5 miles southeast of Myton, Utah

15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
660'

16. NO. OF ACRES IN LEASE
240

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
1867'

19. PROPOSED DEPTH
6100'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5191' GR (Ungraded)

22. APPROX. DATE WORK WILL START*
Immediately Upon Approval

RECEIVED
AUG 31 1984
DIVISION OF OIL GAS & MINING

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT	Expected Top
12-1/4"	8-5/8"	20#	300'	250 sx 50-50 pozmix	Surface
7-7/8"	4-1/2"	10.5#	6100'	650 sx 50-50 pozmix	3500'

PROPOSED DRILLING PROGRAM:

Move in rotary rig. Drill 12-1/4" hole to 300'. Run and cement 8-5/8" casing. Drill 7-7/8" hole to approximate T.D. of 6100'. Run logs and, if logs indicate production, run and cement 4-1/2" casing. Perforate and complete using 2-3/8" tubing.

The BOP will be operationally tested daily and each test logged.

Note: Castle Draw USA Well No. 3-N10-X is a replacement well for Castle Draw USA Well No. 3-N10 which was abandoned at 2170' due to severe hole deviation on 8-26-84. Union Oil Company of California will abide by the original conditions of approval for Well No. 3-N10 in connection with the drilling of Well No. 3-N10-X which will be located on the same drill pad.

(Subject well will be drilled under Bond No. B-73310)

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

24. SIGNED R. G. Ladd, Jr. TITLE District Drilling Supt. DATE 8-28-84
 (This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
 ASSOCIATE
 APPROVED BY Don Alford TITLE DISTRICT MANAGER DATE 08-30-84
 CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

*See Instructions On Reverse Side

St. Div. O&G+M

RIG SKID

OPERATOR Union Oil Co. of Ca. DATE 9-4-84

WELL NAME Castle Draw USA 3-N10-X

SEC SESW 10 T 95 R 17E COUNTY Rock.

43-013-30994
API NUMBER

Feb
TYPE OF LEASE

POSTING CHECK OFF:

<input type="checkbox"/>	INDEX	<input type="checkbox"/>	HL	<input type="checkbox"/>
<input type="checkbox"/>	NID	<input type="checkbox"/>	PI	<input type="checkbox"/>
<input type="checkbox"/>	MAP	<input type="checkbox"/>		<input type="checkbox"/>

PROCESSING COMMENTS:

✓ Rig skid to Castle Draw USA 3-N10

APPROVAL LETTER:

SPACING: A-3 _____ UNIT c-3-a _____ CAUSE NO. & DATE

c-3-b c-3-c

SPECIAL LANGUAGE:

RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

AUTHENTICATE LEASE AND OPERATOR INFORMATION

VERIFY ADEQUATE AND PROPER BONDING

AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

APPLY SPACING CONSIDERATION

ORDER _____

UNIT _____

c-3-b

c-3-c

CHECK DISTANCE TO NEAREST WELL.

CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

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

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON RECEIVED
(Do not use this form for proposals to drill or to deepen or plug back to a different depth. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Union Oil Company of California

3. ADDRESS OF OPERATOR
P. O. Box 2620 - Casper, WY 82602-2620

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

655' FSL & 2005' FWL (SE SW)

14. PERMIT NO. _____

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5191' GR (Ungraded)

5. LEASE DESIGNATION AND SERIAL NO.
U-020252

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Castle Draw USA

9. WELL NO.
3-N10-X

10. FIELD AND POOL, OR WILDCAT
Monument Butte

11. SEC., T., B., M., OR BLK. AND SURVEY OR AREA
Sec. 10, T.9S., R.17E.

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

RECEIVED
SEP 4 1984
DIVISION OF OIL GAS & MINING

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>
(Other) <input checked="" type="checkbox"/>	CHANGE DRILLING CONTRACTOR AND SPUD REPLACEMENT WELL <input checked="" type="checkbox"/>	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

Note: Castle Draw USA Well No. 3-N10-X is the replacement well for Castle Draw USA Well No. 3-N10. No. 3-N10 was abandoned at 2170' on 8-26-84 due to severe hole deviation.

PROPOSED PLAN OF PROCEDURE:
MIRU Ross Drilling and Construction, Inc., and drill rat hole and mouse hole. Set surface pipe at +300'. Release rig. MIRU Olsen Drilling Company's rotary rig and drill ahead.

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

SIGNED R. G. Ladd, Jr. TITLE District Drilling Supt. DATE 8-29-84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

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

<p>1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER</p> <p>2. NAME OF OPERATOR <u>Union Oil Company of California</u></p> <p>3. ADDRESS OF OPERATOR <u>P. O. Box 2620 - Casper, Wyoming 82602-2620</u></p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <u>655' FSL & 2005' FWL (SE SW)</u></p> <p>14. PERMIT NO. _____</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. <u>U-02052</u></p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____</p> <p>7. UNIT AGREEMENT NAME _____</p> <p>8. FARM OR LEASE NAME <u>Castle Draw USA</u></p> <p>9. WELL NO. <u>3-N10-X</u></p> <p>10. FIELD AND POOL, OR WILDCAT <u>Monument Butte</u></p> <p>11. SEC., T., E., M., OR BLK. AND SURVEY OR AREA <u>Sec. 10, T.9S., R.17E.</u></p> <p>12. COUNTY OR PARISH <u>Duchesne</u> 13. STATE <u>Utah</u></p>
<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) <u>5191' GR (Ungraded)</u></p>	

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) <u>SPUD NOTICE</u> <input checked="" type="checkbox"/>	
(Other) _____		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

MIRU Ross Construction rathole machine. Drilled mousehole and rathole. Spudded 12-1/4" hole at 12:00 noon, 8-31-84. Drilled to 305' and shut down at 9:00 p.m., 8-31-84. Prepare to run casing. Pulled out 5 jts. drillpipe prior to shutting down.

Ran and cemented 6 jts. and 1 piece of 8-5/8", 24#, K-55, 8RD, ST&C, new, seamless casing at 303.56' with 250 sacks of cement. Bumped plug with 250 psi. Max. PDP 300 psi. Released pressure and float held, O.K. Circulated 100 sacks cement to surface. C.I.P. & J.C. at 11:50 a.m., 9-1-84. Released rathole machine and prepare to move in rotary rig. Waiting on rotary rig.

RECEIVED

SEP 6 1984

DIVISION OF OIL
GAS & MINING

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

SIGNED R. G. Ladd, Jr. TITLE District Drilling Sup't. DATE 9-4-84

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

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



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

September 7, 1984

Union Oil Company of California
P. O. Box 2620
Casper, Wyoming 82602-2620

Gentlemen:

RE: Well No. Castle Draw U.S.A. #3-N10-X (Rig Skid) -
SESW Sec. 10, T. 9S, R. 17E - 655' FSL, 2005' FWL - Duchesne County, Utah

Approval to drill the above referenced oil well is hereby granted in accordance with Rule C-3 (b), General Rules and Regulations and Rules of Practice and Procedure.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 533-5771, (Home) 298-7695 or R. J. Firth, Associate Director, (Home) 571-6068.
4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.

Page 2

Union Oil Company of California
Well No. Castle Draw U.S.A. #3-N10-X
September 7, 1984

5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-013-30994.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

as
Enclosures
cc: Branch of Fluid Minerals

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

SUBMIT IN TRIP DATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED

SEP 28 1984

**DIVISION OF OIL
GAS & MINING**

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Union Oil Company of California

3. ADDRESS OF OPERATOR
P. O. Box 2620 - Casper, WY 82602-2620

4. LOCATION OF WELL (Report location clearly and in accordance with any State or Federal laws.
See also space 17 below.)
At surface
655' FSL & 2005' FWL (SE SW)

14. PERMIT NO.
43-013-30994 (API)

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5191' GR (Ungraded)

5. LEASE DESIGNATION AND SERIAL NO.
U-020252

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Castle Draw USA

9. WELL NO.
3-N10-X

10. FIELD AND POOL, OR WILDCAT
Monument Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 10, T.9S., R.17E.

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

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

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

MIRU Olsen Drilling Company's rotary rig No. 5. N.U. BOP's. Tested blind rams to 1000 psi/1/2 hour, O.K. TIH and tested D.P. rams to 1000 psi/1/2 hour, O.K. Drilled to 6097' T.D. at 7:00 p.m., 9-13-84. Circulated. Ran DLL-MSFL w/GR, Caliper and SP, and CNL-LDT-EPT w/GR and Caliper. Circulated. TOOH.

Ran and cemented 140 joints and 1 piece (6084.54') of 4-1/2", 10.5#, K-55, ST&C, 8RD, new, seamless casing at 6096.54' (float at 6052.54' and frac baffles at 5094.06', 5462.10', and 5653.67') with 1080 sacks of cement. Preceded cement with 15 bbls. fresh water, 2184 gals. super flush, and 5 bbls. 2% KCl water. Displaced with 96-1/2 bbls. 2% KCl water. Maximum PDP 2300 psi. Bumped plug with 2500 psi. Released pressure and float held O.K. C.I.P. & J.C. at 12:30 a.m., 9-16-84. N.D. BOP. Set slips and cut off casing. N.U. tubing spool. Pressured head to 3000#, O.K. Released rig at 6:30 a.m., 9-16-84. W.O.C.U.

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

SIGNED R. G. Ladd, Jr. TITLE District Drilling Supt. DATE 9-25-84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-020252
2. NAME OF OPERATOR Union Oil Company of California		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P. O. Box 2620 - Casper, WY 82602-2620		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 655' FSL & 2005' FWL (SE SW)		8. FARM OR LEASE NAME Castle Draw USA
14. PERMIT NO. 43-013-30994 (API)		9. WELL NO. 3-N10-X
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5191' GR (Ungraded)		10. FIELD AND POOL, OR WILDCAT Monument Butte
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 10, T.9S., R.17E.
		12. COUNTY OR PARISH Duchesne
		13. STATE Utah

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

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

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

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

6097' T.D.
Ran pump and rods on 10-18-84.
First Day Production: (10-19-84) - Pumped 8 BO + 85 BW in 16 hours.

Note: Phoned in first-day production to Bureau of Land Management (Benna), Vernal, Utah, 10-19-84.

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

SIGNED R. G. Ladd, Jr. TITLE District Drilling Supt. DATE 10-19-84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

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

SUBMIT IN TRIPL
(Other instructions re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-020252	
2. NAME OF OPERATOR Union Oil Company of California		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. Box 2620 - Casper, WY 82602-2620		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 655' FSL & 2005' FWL (SE SW)		8. FARM OR LEASE NAME Castle Draw USA	
14. PERMIT NO. API 43-013-30994		9. WELL NO. 3-N10-X	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5191' GR (Ungraded)		10. FIELD AND POOL, OR WILDCAT Monument Butte	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 10, T.9S., R.17E.	
		12. COUNTY OR PARISH Duchesne	13. STATE Utah

RECEIVED

OCT 24 1984

**DIVISION OF OIL
GAS & MINING**

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) <u>SUPPLEMENTARY WELL HISTORY</u> <input checked="" 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.)*

6097' TD

Nippled up BOP's and heated water to 120° F. Pressure tested casing and BOP to 4000 psi, O.K. Perforated Green River formation from 5711-5725', 5772-5791', and 5818-5828' with 2 spf with 2" jet casing gun. Pumped 3700 gals. prepad containing 4% KCl with additives at 0-35.6 bpm at 0-3990-3390 psi. Sandfractured perforations 5711-5828' with 35,500 gals. gelled 4% KCl water and 76,000# 20-40 mesh sand in eight stages at average rate of 40 bpm at 0-3990-3390-3990 psi. Flushed with 3780 gals. 4% KCl water with additives at 39.6 bpm to 6.8 bpm at 3990-2000-2100 psi. Dropped 2.75" OD, frac baffle ball 450 gals. into flush. ISIP 1850 psi. 1720 psi/5 mins. 1690 psi/10 mins. 1660 psi/15 mins. SWI and SDON.

SICP 1175 psi/13-1/4 hours. Pressured casing to 2200 psi/15 mins., O.K. Perforated Green River formation from 5512-5526' and 5598-5610' with 2 spf with 2-3/4" gun with 1700-1300 psi on casing. Pumped 3700 gals. 4% KCl water with additives at 0-35.9 bpm at 1300-3500-2640 psi. Sandfractured perforations 5512-5610' with 37,838 gals. gelled 4% KCl water and 71,028# 20-40 sand in seven stages at average rate of 35 bpm at 1300-3500-2000-4600 psi. Screened out pressure. ISDP 1700 psi. Pressured to 4300 psi with no bleed off. Flowed back to 3500 psi. Pressured to 4150 psi with no bleed off. Flowed back to 500 psi. Pressured to 4150 psi with no bleed off. SICP 1700 psi/1 min. 1080 psi/5 mins. 710 psi/10 mins. 520 psi/15 mins. SION. Cumulative load - 2014 bbls. left 22,100# sand in casing.

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

SIGNED R. G. Ladd, Jr. TITLE District Drilling Supt. DATE 10-19-84

(This space for Federal or State office use)

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

*See Instructions on Reverse Side

Union Oil Company of California
Castle Draw USA Well No. 3-N10-X
Monument Butte Field
Duchesne County, Utah
10-19-84
Pg. 2

SICP 250 psi/1-1/2 hours; 675 psi/13-1/2 hours. MIRU well service unit on 10-6-84. TIH with notched collar on 2-3/8" tubing to 4586' and reverse circulated hole clean, recovering sand and gel water. Well kicked on casing and tubing. POOH with 21 jts. with 5000# drag on 1st 2 jts. and well kicking out tubing. Stabbed valve on tubing and N.U. choke. Opened tubing on 8/64" choke. FTP 50 psi. SICP 400 psi. SDON. Flowed well to pit/4 hours. Recovered 3/4 bbl. fluid. FTP decreased to 0 psi. SICP decreased from 400-100 psi. SITP 650 psi/8 hours. SICP 750 psi. Bled T.P. and C.P. to 0 psi immediately.

Ran in and tagged sand at 3890'. Reverse circulated to 3890' and well kicked off flowing up the tubing. SITP 500# and C.P. 400# immediately. Reverse circulated hole clean. Installed choke on tubing. Flowed well up the tubing on various chokes from 12/64" to 21/64". FTP 400-50-10 psi. SICP 375-150-20 psi. Recovered broken gel or slick KCl water and large amounts of sand in first six hours, with sand decreasing the last hour. Flowed well to tank on 14/64" choke. Recovered total of 170 bbls. of 2014 bbl. water load.

Flowed 10 bbls. water/1-1/2 hrs. FTP 20-0 psi. SICP 20-0 psi, on 12/64" to 1" choke. TIH with 2-3/8" tubing to 5462', reversing the tubing volume every 120'. Had a weak to moderate gas blow with trace of oil and sand the last 400'. Reversed the hole with 90 bbls. 4% KCl water prepad with additives. TOOH. Dropped frac baffle ball. S.D. & SION.

SICP 50 psi/14 hours. Pressure tested casing and frac baffle to 3200 psi, O.K. Perforated Green River formation from 5336-5353' and 5384-5391' with 2 spf with 2-3/4" gun. Perforated with 400 psi C.P. with no change after perforating. Pumped 3600 gals. prepad containing 4% KCl with additives at 0-30.7 bpm at 350-3050-2400 psi. Sandfractured perfs 5336-5391' with 42,000 gals. gelled 4% KCl water and 98,000# 20-40 sand at average rate of 33 bpm at 2400-2420-2290-2480 psi. Pumped 3500 gals. flush containing 4% KCl with additives at 35.9 bpm to 27.3 bpm to 17.2 bpm at 2480-2600-1860-1930 psi. Dropped 3.75" O.D., multi-frac baffle balls 1200 gals. into flush. ISDP 1550 psi. 1350 psi/5. 1280 psi/10. 1260 psi/15 mins. 1150 psi/2 hours. Cumulative load - 3097 bbls. Have recovered 180 bbls. SDON.

SICP 880#/18 hours. Pressured casing and frac ball to 3000 psi, O.K. Perforated Green River formation from 4925-4938' with 2 spf with 3-1/8" cased jet gun. Held 950# on casing while perforating. Formation taking fluid while pulling out with gun. Pumped 8 bbls. 4% KCl water at 0 bpm to 1.6 bpm, maintaining 880 psi pressure. Pumped 3500 gals. 4% KCl water with additives at 0.9 bpm to 26.1 bpm at 800-2750 psi. Sandfractured perforations 4925-4938' with 39,160 gals. 4% gelled KCl water and 107,280# 20-40 sand at average rate of 29 bpm at 2750-2890-2300-2340 psi. Flushed with 3250 gals. 4% KCl water with additives at 29.8 bpm to 29.7 bpm at 2340-2700 psi. ISDP 1660 psi. 1470 psi/5. 1400 psi/10. 1350 psi/15 mins. 1150 psi/60 mins. Cumulative load - 4200 bbls. water. Have recovered 180 bbls. load. S.I. & SDON.

Union Oil Company of California
Castle Draw USA Well No. 3-N10-X
Monument Butte Field
Duchesne County, Utah
10-19-84
Pg. 3

SICP 700 psi/18 hours. Opened and flowed casing on 8/64" to 12/64" choke. FTP 650 psi to 50 psi. Flowing at 8 to 12 bpm. Recovered 187 bbls. load water/22 hours with trace to 90% oil last 142 bbls., with some sand in the last 90 bbls. SION.

SICP 150 psi. Flowed 25 bbls. oil & 3 bbls. water/3 hours on 1" choke. FTP 40 psi to zero. P.U. 3-7/8" bit, 12 2-7/8" x 1-1/4" I.D. DC's on 2-3/8" tubing, with slight flow of oil changing to 90% water with 10 stands tubing in hole. Tagged sand fill at 4641'. Reverse circulated sand to 4767'. Recovered sand and trace of oil with weak gas blow on connections. P.O. with 10 stands. SDON with tubing open on 10/64" choke. No flow overnight.

Ran in with bit to 4770' and tagged sand fill. Reverse circulated to 4990'. Recovered sand with trace of oil and weak gas blow. Lost 35 bbls. water while circulating. Drilled frac ball and baffle at 5091' for 1/2 hour and well kicked off flowing out the tubing. SICP 600 psi. SITP 500 psi. Flowed well out tubing on 8/64" to 1" choke. FTP 450 psi to 0 psi. SICP 600 psi to 0 psi/11 hours. Recovered 198 bbls. load water/11 hours with trace to 5% oil and moderate to good gas blow. Recovered heavy sand while flowing first 20 bbls., then decreased to trace. Pumped down casing at 15 min. intervals and worked tubing while flowing well. POOH with 11 jts. tubing. Left well open to tank on 10/64" choke/7 hours. No flow overnight. SDON.

RIH with 3 stands and well kicked off flowing up tubing. Flowed 35 bbls. water with trace of oil/3 hours on 10/64" to 1" choke. FTP 150 psi to 0 psi. SICP 200 psi to 0 psi. Ran bit to 5460', drilling frac ball and baffle one hour. Ran bit to 5649', drilling frac ball and baffle for 1-1/2 hours. Reverse circulated sand to 5806'. Recovered iron and rubber with bit torquing from 5649' to 5700'. Lost 180 bbls. water while reverse circulating. POOH with 20 stands with well flowing out the tubing. Left well open on 9/64" choke.

FTP 150 psi to 50 psi. Flowed 45 bbls. water and 6 bbls. oil/6-1/2 hours on 1" choke. FTP 50 psi to 25 psi. SICP 50 psi to 35 psi. Ran in hole with well running over. Tagged sand fill at 5774'. Reverse circulated sand to 5981' with well kicking on connections. Recovered sand with trace of oil with good gas blow. Lost 90 bbls. water while circulating. POOH with 46 stands of tubing with bit at 2900'. Left well open on 10/64" choke.

Flowed 3 bbls. water with trace of oil/1 hour on 1" choke. FTP 20 psi to 10 psi. SICP 45 psi to 25 psi. POOH, laying down D.C. and bit with well running over on tubing side. Ran and landed 152 jts. (4905.47') of 2-3/8", 4.7#, J-55, 8RD, ST&C, new, seamless tubing at 4914.47' with seating nipple at 4882.33' and tubing anchor at 4815.77'. N.U. wellhead. Reverse circulated hole clean with 3% KCl water. Left tubing open on 12/64" choke. FTP 10 psi. SICP 20 psi. Flowed 20 bbls. water.

FTP 0 psi. SICP 10 psi. (Have recovered 804 bbls. of 4505 bbl. water load.) Released well service unit on 10-18-84. Ran pump and rods on 10-18-84. First-day production: (10-19-84) - Pumped 8 BO + 85 BW in 16 hours.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Union Oil Company of California

3. ADDRESS OF OPERATOR
P. O. Box 2620 - Casper, WY 82602-2620

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
655' FSL & 2005' FWL (SE SW)

5. LEASE DESIGNATION AND SERIAL NO.
U-020252

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Castle Draw USA

9. WELL NO.
3-N10-X

10. FIELD AND POOL, OR WILDCAT
Monument Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 10, T.9S., R.17E.

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

14. PERMIT NO.
API 43-013-30994

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5191' GR (Ungraded)

RECEIVED

NOV 02 1984

DIVISION OF OIL
GAS & MINING

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) WELL POTENTIAL TEST <input checked="" type="checkbox"/>	

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

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

6097' TD

Initial Potential Test: (10-30-84) - Pumped 95 BO + 20 BW in 24 hours.

18. I hereby certify that the foregoing is true and correct
SIGNED R. G. Ladd, Jr. TITLE District Drilling Supt. DATE 10-31-84
(This space for Federal or State office use)

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

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

14

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.
U-020252

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Castle Draw USA

9. WELL NO.
3-N10-X

10. FIELD AND POOL, OR WILDCAT
Monument Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 10, T.9S., R.17E.

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

14. PERMIT NO. DATE ISSUED
API 43-013-30994 9-7-84

15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 19. ELEV. CASINGHEAD
8-31-84 9-13-84 10-18-84 5191' GR (Ungraded) 5192'

20. TOTAL DEPTH, MD & TVD 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS
6097' TD 5981' ETD → 0 - T.D. - - -

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 25. WAS DIRECTIONAL SURVEY MADE
4925-5828' - Green River Formation No

26. TYPE ELECTRIC AND OTHER LOGS RUN 27. WAS WELL CORED
DLL-MSFL w/GR, Caliper & SP, and CNL-LDT-EPT w/GR & Caliper 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#	303.56'	12-1/4"	250 sx	- - -
4-1/2"	10.5#	6,096.54'	7-7/8"	1080 sx	- - -

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"	4,914.47'	- - -

31. PERFORATION RECORD (Interval, size and number)
(See Attached Sheet)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(See Attached Sheet)	

33.* PRODUCTION

DATE FIRST PRODUCTION 10-19-84 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-30-84	24	- - -	→	95	- - -	20*	N.A.

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
- - -	- - -	→	95	- - -	20	30.1

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) *Have recovered 1442 bbls. of 4505 bbl. water load. TEST WITNESSED BY Steve Gregory

35. LIST OF ATTACHMENTS Page 2 Note: 3-N10-X was drilled as a replacement well for Castle Draw USA No. 3-N10 which was abandoned due to severe hole deviation.

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

SIGNED R. G. Ladd, Jr. TITLE District Drilling Supt. DATE 11-9-84

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

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Green River	3340'	3360'	Sandstone, Water, & Hydrocarbons	Green River Fm. Parachute Crk. mb Garden Gulch mb "H" Mkr. Douglas Creek mb Blk. Sh. Facies Wasatch Fm.	1324'	
Green River	3380'	3390'	Sandstone, Water, & Hydrocarbons			
Green River	3976'	3985'	Sandstone, Water, & Hydrocarbons			
Green River	4426'	4438'	Sandstone, Water, & Hydrocarbons			
Green River	4548'	4562'	Sandstone, Water, & Hydrocarbons			
Green River	4924'	4938'	Sandstone & Hydrocarbons			
Green River	5336'	5354'	Sandstone & Hydrocarbons			
Green River	5334'	5342'	Sandstone & Hydrocarbons			
Green River	5512'	5526'	Sandstone & Hydrocarbons			
Green River	5598'	5610'	Sandstone & Hydrocarbons			
Green River	5712'	5725'	Limestone & Hydrocarbons			
Green River	5772'	5791'	Limestone & Hydrocarbons			
Green River	5818'	5828'	Limestone & Hydrocarbons			
			No DST's			
			Note: Blowout preventers tested daily in accordance with Union Oil Company policy and reported by drilling contractor on tour sheets.			

31. Perforation Record (Interval, Size and Number):

1st Zone

5711-5725', 5772-5791', and 5818-5828' - Green River - 2 spf w/2" gun

2nd Zone

5512-5526' and 5598-5610' - Green River - 2 spf w/2-3/4" gun

3rd Zone

5336-5353' and 5384-5391' - Green River - 2 spf w/2-3/4" gun

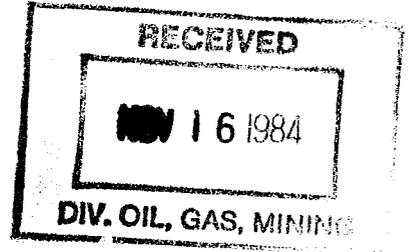
4th Zone

4925-4938' - Green River - 2 spf w/3-1/8" gun

32. Acid, Shot, Fracture, Cement Squeeze, Etc:

<u>Depth Interval</u>	<u>Amount and Kind of Material Used</u>
5711-5828'	35,500 gals. gelled 4% KCl water and 76,000# 20-40 mesh sand
5512-5610'	37,838 gals. gelled 4% KCl water and 71,028# 20-40 sand
5336-5391'	42,000 gals. gelled 4% KCl water and 98,000# 20-40 sand
4925-4938'	39,160 gals. gelled 4% KCl water and 107,280# 20-40 sand

STATE OF UTAH
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF OIL, GAS AND MINING
 4241 State Office Building
 Salt Lake City, UT 84114



REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Castle Draw USA Well No. 3-N10-X
 Operator Union Oil Co. of California Address P. O. Box 2620-Casper, WY 82602
 Contractor Olsen Drilling Company Address 999 18th St.-Denver, CO 80202
 Location SE 1/4 SW 1/4 Sec. 10 T. 9S. R. 17E. County Duchesne

Water Sands

	<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
	From	To	Flow Rate or Head	Fresh or Salty
1.	140'	160'	N.A.	Assume Fresh
2.	270'	300'	N.A.	Assume Fresh
3.	3962'	3986'	N.A.	Assume Brackish
4.	4544'	4568'	N.A.	Assume Brackish
5.				

(Continue on reverse side if necessary)

Formation Tops Green River Fm.-1324' (Parachute Crk. mb-2257', Garden Gulch mb-3508', "H" Mkr.-3698', Douglas Crk. mb-4470', Blk. Sh. Facies-5220'); Wasatch Fm.-5884'

Remarks

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

COPY

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-02025
Communitization Agreement No. NA
Field Name Monument Butte
Unit Name NA
Participating Area NA
County Duchesne State Utah
Operator Union Oil Company of California
 Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of October, 19 84

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
<i>Cash/Union</i> 3-N10-X	Sec. 10 SE SW	9S	17E	POW					SEE ATTACHED API <u>43-013-30992</u> <i>Completed</i> <i>10-18-84</i>

99997
needs #
9745

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DEC 07 1984
DIVISION OF
OIL, GAS & MINING

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BLS)	Gas (MCF)	Water (BLS)
*On hand, Start of Month	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	None	None	None
*Sold	None	None	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	None	XXXXXXXXXXXXXXXXXX
*Used on Lease	None	None	XXXXXXXXXXXXXXXXXX
*Injected	None	None	None
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	None
*Other (Identify)	None	None	None
*On hand, End of Month	None	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	None	None	XXXXXXXXXXXXXXXXXX

Authorized Signature: *Don Chad* Address: P.O. Box 2620 Casper, WY 82602-2620
Title: District Clerical Supervisor Page 1 of 5

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329-1)
(2/76)

OMB 42-R0356

MONTHLY REPORT
OF
OPERATIONS
(Continued)

Lease No. U-02025
Communitization Agreement No. NA
Field Name Monument Butte
Unit Name NA
Participating Area NA
County Duchesne State Utah
Operator Union Oil Company of California

Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of October, 19 84

(See Reverse of Form 9-329 for Instructions)

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
3-N10-X	Sec 10 SE SW	9S	17E	POW					6097' TD Perforated Green River Fm. 5711-5725', 5772-5791', and 5818-5828' w/2 spf w/2" jet casing gun. Sandfraced perfs with 35,500 gals. gelled 4% KCl wtr. & 76,000# 20-40 mesh sand in 8 stages at average rate of 40 bpm at 0-3990-3390-3990#. Flushed with 3780 gals. 4% KCl wtr. at 39.6 bpm to 6.8 bpm at 3990-2000-2100#. Dropped 2.75" OD, frac baffle ball 450 gals. into flush. ISIP 1850 psi. 1690 psi/10 mins. 1660 psi/15 mins. SDON. Perforated Green River Fm. 5512-5526' and 5598-5610' w/2 spf w/2-3/4" gun. Sandfraced perfs 5512-5610' with 37,838 gals. gelled 4% KCl wtr. & 71,028# 20-40 (Cont'd on Next Pg)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329-1)
(2/76)

OMB 42-R0356

MONTHLY REPORT
OF
OPERATIONS
(Continued)

Lease No. U-0 252
Communitization Agreement No. NA
Field Name Monument Butte
Unit Name NA
Participating Area NA
County Duchesne State Utah
Operator Union Oil Company of California

Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of October, 19 84

(See Reverse of Form 9-329 for Instructions)

Well No.	Sec. & ¼ of ¼	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
3-N10-X	Sec 10 SE SW	9S	17E	POW					<p>sand at average rate of 35 bpm at 1300-3500-2000-4600 psi. Screened out pressure. ISDP 1700 psi. Pressured to 4300 psi w/no bleed off. Flowed back to 3500 psi. Pressured to 4150 psi with no bleed off. SICP 1700 psi/1 min. 520 psi/15 mins. SION.</p> <p>MIRU well service unit on 10-6-84. Reverse circ. hole clean. Flowed well to pit/4 hrs. Rec. 3/4 bbl. fluid. R.I. and tagged sand at 3890'. Reverse circ. to 3890' & well kicked off flowing up the tbg. Flowed well up the tubing on various chokes from 12/64" to 21/64". Had a weak to moderate gas blow w/trace of oil & sand the last 400'. Reversed the hole w/90 bbls. 4% KCl</p> <p>(Cont'd on Next Pg.)</p>

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329-1)
(2/76)

OMB 42-R0356

MONTHLY REPORT
OF
OPERATIONS
(Continued)

Lease No. U-00252
Communitization Agreement No. NA
Field Name Monument Butte
Unit Name NA
Participating Area NA
County Duchesne State Utah
Operator Union Oil Company of California

Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of October, 19 84

(See Reverse of Form 9-329 for Instructions)

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
3-N10-X	Sec 10 SE SW	9S	17E	POW					<p>water prepad with additives. TOOH. Dropped frac baffle ball. SDON.</p> <p>Perforated Green River Fm. 5336-5353' & 5384-5391' w/2 spf w/2-3/4" gun. Sandfraced perfs 5336-5391' w/42,000 gals. gelled 4% KCl wtr. & 98,000# 20-40 sand at average rate of 33 bpm at 2400-2420-2290-2480#. Flushed w/3500 gals. 4% KCl water at 35.9 bpm to 27.3 bpm to 17.2 bpm at 2480-2600-1860-1930 psi. Dropped 3.75" OD, multi-frac baffle balls 1200 gals. into flush. ISDP 1550 psi. 1280 psi/10. 1150 psi in 2 hrs. SDON.</p> <p>Perforated Green River Fm. 4925-4938' w/2 spf with 3-1/8" cased jet gun. Sandfraced perfs 4925-4938' w/39,160 gals. 4% (Cont'd on Next Pg)</p>

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329-1)
(2/76)

OMB 42-R0356

MONTHLY REPORT
OF
OPERATIONS
(Continued)

Lease No. U-0 252
Communitization Agreement No. NA
Field Name Monument Butte
Unit Name NA
Participating Area NA
County Duchesne State Utah
Operator Union Oil Company of California

Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of October, 19 84

(See Reverse of Form 9-329 for Instructions)

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
3-N10-X	Sec 10 SE SW	9S	17E	POW					<p>gelled KCl wtr. & 107,280# 20-40 sd. at average rate of 29 bpm @ 2750-2890-2300-2340#. Flushed w/3250 gals. 4% KCl wtr. at 29.8 to 29.7 bpm @ 2340-2700#. ISDP 1660 psi. 1150 psi/60 mins. SDON.</p> <p>Flow tested well. Reverse circ. to 5981'. POOH. Ran and landed 2-3/8" tubing at 4914.47'. Reverse circulated hole clean w/3% KCl water. Released well service unit on 10-18-84.</p> <p>I.P. (10-30-84) - Pmpd. 95 BO + 20 BW/24 hours.</p> <p><u>ELECTRIC LOG TOPS AND DATE REACHED:</u></p> <p>9-5-84: 1324'-Green River 9-12-84: 5884'-Wasatch</p>

Union Oil Company California

Post Office Box 760, Moab, Utah 84532

Telephone (801) 686-2236

UNION **76**

January 23, 1985

RECEIVED
JAN 23 1985

DIVISION OF
OIL, GAS & MINING

Mr. Ron Firth
State of Utah
National Resource & Energy
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

FLARING CASTLE DRAW 3-N10X
MONUMENT BUTTE FIELD
SEC 10, T9S, R17E
DUCHESNE COUNTY, UTAH

Dear Mr. Firth:

Union Oil Company of California requests approval to vent gas from the Castle Draw 3-N10X, Duchesne County, Utah. The well was recently completed and periodically the gas production exceeds lease requirements. As a result 5-10 MCFD is vented. Three day test results are:

12-21-84	40 BOPD	10 MCFD
12-22-84	40 BOPD	10 MCFD
12-23-84	35 BOPD	5 MCFD

This rate of gas production is well below the 100 MCFD as allowed under Rule C-27.

Sincerely,



B.R. Govreau
Area Supt.

BRG:aj

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

UTU70821

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Castle Draw #3-N10-

9. API Well No.

4301330994

10. Field and Pool, or Exploratory Area

Green River

11. County or Parish, State

Duchesne, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Union Oil Company of California

3. Address and Telephone No.

P. O. Box 2620, Casper, WY 82602, 307-234-1563

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

SE SW Sec 10, T9S, R17E

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

TYPE OF SUBMISSION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

TYPE OF ACTION

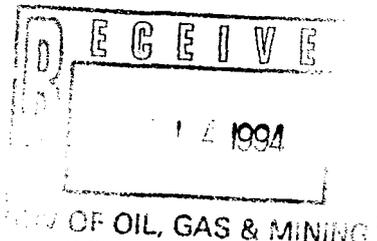
Abandonment
 Recompletion
 Plugging Back
 Casing Repair
 Altering Casing
 Other Change of Operator
 Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-Off
 Conversion to Injection
 Dispose Water

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

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

Monument Butte Field

Request is made for change of operator of this well. Operator is assigning the well to Medallion Production Company, 7130 S. Lewis Ave., Suite 700, Tulsa, Oklahoma 74136, Telephone (918) 491-4133, who is to become operator, effective 7-1-94.



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

Signed

Barry W. McKay
Barry W. McKay

Title

Attorney-In-Fact

Date

June 29, 1994

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

UTU70821

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Castle Draw #3-N10-X

9. API Well No.

4301330994

10. Field and Pool, or Exploratory Area

Green River

11. County or Parish, State

Duchesne, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

Medallion Production Company

3. Address and Telephone No.

7130 S. Lewis Ave., Ste 700, Tulsa, OK 74136 (918) 491-4133

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

SE SW Sec 10, T9S, R17E

OUT 10/27/94

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

TYPE OF SUBMISSION

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

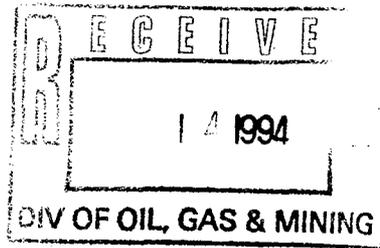
TYPE OF ACTION

- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other Change of Operator
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

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

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

Please be advised that Medallion Production Company, 7130 S. Lewis Avenue, Ste 700, Tulsa, OK 74136 (918) 491-4133 is considered to be the operator of Well No. 3-N10-X; SE SW Sec 10, T9S, R17E; Lease UTU70821; Duchesne County, Utah; and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by State Bond No. UT-0975.



FEDERAL DIST.	3160 WPD 11/3/94
GEOL.	
E.S.	
PET.	
A.M.	

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

Signed

Chris Girouard

Title

Chris Girouard
Vice President - Land

Date

10-27-94

(This space for Federal or State office use)

Approved by

Thomas D. Lawrence

Title

ASSISTANT DISTRICT
MANAGER MINERALS

Date

NOV 4 1994

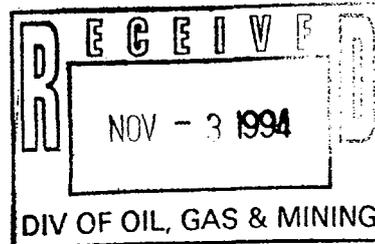
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement or representations as to any matter within its jurisdiction.



Medallion Production Company
An InterCoast Energy Company

7130 S. LEWIS AVE, SUITE 700 • TULSA, OK 74136 • PHONE (918) 488-8283 • FAX (918) 488-8182

October 28, 1994



State of Utah
Division of Oil, Gas & Mining
3 Triad Center, Ste. 350
355 West North Temple
Salt Lake City, UT 84180-1203

Re: Castle Draw #2-J10
Castle Draw #3-N10-X
Duchesne Co., UT

COPY

Gentlemen:

We have recently taken over operations of the wells captioned above. We are currently doing the reports enclosed as well as the MMS Federal 3160's. If any other reports are to be filed, we are unaware of such. Please notify the undersigned and send copies of reports that need to be filed.

Thank you for your immediate attention to this matter.

Sincerely,

Michelle L. Morrow
Production Accounting Clerk

MLM:jk
Enclosures

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1-LEC	7-PL	✓
2-LWP	8-SJ	✓
3-DTS	9-FILE	✓
4-VLC		✓
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: 7-1-94)

TO (new operator)	MEDALLION PRODUCTION COMPANY	FROM (former operator)	UNION OIL CO OF CALIFORNIA
(address)	7130 S LEWIS AVE STE 700	(address)	PO BOX 760
	TULSA OK 74136		MOAB UT 84532-0760
	CHRIS GIROUARD		ARSIE JARAMILLO
phone (918)	491-4133	phone (801)	686-2236
account no.	N 5820 (9/94)	account no.	N1030

Well(s) (attach additional page if needed):

Name	CASTLE DRAW USA 3-N10-X	API:	43-013-30994	Entity:	9745	Sec	10	Twp	9S	Rng	17E	Lease	Type	U020252
Name	CASTLE DRAW 2-J10/GRRV	API:	43-013-30684	Entity:	8121	Sec	10	Twp	9S	Rng	17E	Lease	Type:	"
Name	CASTLE DRAW USA #1/GRRV	API:	43-013-16218	Entity:	8120	Sec	10	Twp	9S	Rng	17E	Lease	Type	U075174
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

- lec* 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(rec'd 11-14-94)*
- lec* 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(rec'd 11-14-94)*
- lec* 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: #157795. *(# 6/94)*
- lec* 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.
- LWP* 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *11-17-94*
- LWP* 6. Cardex file has been updated for each well listed above. *11-17-94*
- LWP* 7. Well file labels have been updated for each well listed above. *11-17-94*
- lec* 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(11-16-94)*
- lec* 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.

OPERATOR CHANGE WORKSHEET (CONTINUED) Initial each item when completed. Write N/A if item is not applicable.

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).
- 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* 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- Yes* 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* 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.
- Yes* 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: November 28 1994.

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

941116 B.M./Vernal Aprv. 11-4-94.

OPERATOR CHANGE WORKSHEET

Routing	
1-LEC ✓	6-LEC ✓
2-GLH	7-KDR ✓
3-DTS ✓	8-SJ ✓
4-VLD ✓	9-FILE
5-RJF ✓	

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: 5-17-96

TO: (new operator) <u>INTERCOAST OIL AND GAS COMPANY</u> (address) <u>7130 S LEWIS AVE STE 700</u> <u>TULSA OK 74136</u> Phone: <u>(918)488-8283</u> Account no. <u>N6760 (9-9-96)</u>	FROM: (old operator) <u>MEDALLION PRODUCTION CO</u> (address) <u>7130 S LEWIS AVE STE 700</u> <u>TULSA OK 74136</u> Phone: <u>(918)491-4133</u> Account no. <u>N5820</u>
--	--

WELL(S) attach additional page if needed:

Name: <u>CASTLE DRAW USA #1/GR</u>	API: <u>43-013-16218</u>	Entity: <u>8120</u>	S	<u>10</u>	T	<u>9S</u>	R	<u>17E</u>	Lease: <u>U075174</u>
Name: <u>CASTLE DRAW 2-J10/GR</u>	API: <u>43-013-30684</u>	Entity: <u>8121</u>	S	<u>10</u>	T	<u>9S</u>	R	<u>17E</u>	Lease: <u>U020252</u>
*Name: <u>CASTLE DRAW USA 3-N10-X</u>	API: <u>43-013-30994</u>	Entity: <u>9745</u>	S	<u>10</u>	T	<u>9S</u>	R	<u>17E</u>	Lease: <u>U020252</u>
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

1. (r649-8-10) Sundry or other legal documentation has been received from the FORMER operator (attach to this form). *(Rec'd 7-9-96)*
2. (r649-8-10) Sundry or other legal documentation has been received from the NEW operator (Attach to this form). *(Rec'd 7-9-96)*
3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? *(yes)* no ____ If yes, show company file number: *(see attached)*
4. FOR INDIAN AND FEDERAL WELLS ONLY. The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below.
5. Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(9-9-96)*
6. Cardex file has been updated for each well listed above. *(9-9-96)*
7. Well file labels have been updated for each well listed above. *(9-9-96)*
8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(9-9-96)*
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. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) ____ If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A 1. (r649-3-1) The NEW operator of any fee lease well listed above has furnished a proper bond.
- Yes 2. A copy of this form has been placed in the new and former operator's bond files.
- ____ 3. The FORMER operator has requested a release of liability from their bond (yes/no) ____, as of today's date _____. If yes, division response was made to this request by letter dated _____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on _____ to _____ at Trust
DLJ Lands for changes involving State leases, in order to remind that agency of their responsibility to
9/10/96 review for proper bonding.

FILMING

- CDP 1. All attachments to this form have been microfilmed. Today's date: 9/18/96.

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 are now being filed in the Operator Change file.

COMMENTS

960909 67m/SL Lease 4020752 segregated 12/92 into lease WTU70821.

June 17, 1996

To: A.J. Firth, Associate Director of Oil & Gas Department
From: Dennis L. Ingram, Roosevelt DOGM Office
Re: Operator review of Medallion Production Company at
administration request

<u>Wells</u>	<u>API</u>	<u>Status</u>
Three oil wells in Duchesne county		
CASTLE DRAW USA 3-N10-X	43-013-30994	POW
CASTLE DRAW USA #1	43-013-16218	POW
CASTLE DRAW 2-J10	43-013-30684	POW

Operator Overview

According to Susan Baker (918)491-4175, their ownership of three oil wells in Duchesne county came by acquisition from Union Oil Company of California. Baker says that these are the only wells that they own here in Utah. Most of the production Medallion owns and operates is in Oklahoma, Texas and Louisiana; however, they also operate lease properties in New Mexico and Wyoming.

When asked about future drilling activity in Duchesne county, Baker's response was that she didn't know. According to Baker, the Engineer who would know was not in the office today.

All produced crude oil is sold to Chevron, and either trucked by them or hired out to other contractors. Baker thought water disposal was by evaporation; however, there aren't any pits or tanks for that purpose. These wells either produce no water or have to have an occasional load pulled from production tanks.

The three wells reviewed indicated no sales lines or meters present for gas sales. However, a one inch plastic pipe does connect the three wells for casing gas. This commingling of casing gas allows the operator to run equipment on a well after a hot oil job without purchasing anymore propane than necessary. The operator does, however, have propane tanks on leases for a backup fuel system.

Non-compliance issues regarding state Oil and Gas Conservation Rules were non-existent on these three lease. Jim Walker with WM Enterprises contract pumps these leases and has kept them clean and up-to-par with field standards.

April 9, 1997

Ms. Kelly Roberts
United States Department of the Interior
Bureau of Land Management
5353 Yellowstone Road
Cheyenne, Wyoming 82009

Ref: Change of Operator

Dear Ms. Roberts:

InterCoast Oil and Gas Company as been acquired by KCS Energy effective 1/2/97 and as a result a name change is requested. The new operator name should be **KCS Medallion Resources, Inc.** The respective Secretary of State for each affected state has been notified of the change. In addition, bonds for KCS Medallion Resources Inc. should be in effect for all federal leases located in the states of Wyoming, New Mexico and Utah. All wells currently operated by InterCoast Oil and Gas Company should be changed to KCS Medallion Resources Inc. The affected federal leases include the following:

Utah

<u>Well Name</u>	<u>Federal Lease Number/Agreement Number</u>
Castle Draw USA #1	UTU075174
Castle Draw J-210	UTU70821
Castle Draw USA 3-N10-X	UTU70821

Wyoming

<u>Well Name</u>	<u>Federal Lease Number/Agreement Number</u>
Federal Daly "B" #1	Lease #WYW65394
Kitty USA W-051279-A #1	Lease #WYW051279A
Kitty USA W-051279-A #2	Lease #WYW051279A
Kitty USA W-051279-A #3	Lease #WYW051279A
Kitty USA W-051279-A #4	Lease #WYW051279A
Kitty USA W-051279-A #5	Lease #WYW051279A
Kitty USA W-051279-A #6	Lease #WYW051279A
Kitty USA W-051279-A #7	Lease #WYW051279A
Kitty USA W-051279-A #8	Lease #WYW051279A
Kitty USA W-051279-A #9	Lease #WYW051279A
Kitty USA W-051279-A #11	Lease #WYW051279A
Lazy B Unit #1-W	Agreement #891014215A
Lazy B Unit #02	Agreement #891014215A
Lazy B Unit #03-W	
Lazy B Unit #04	Agreement #891014215A
Lazy B Unit #05-W	
Lazy B Unit #06	
Lazy B Unit #07	Agreement #891014215A

Lazy B Unit #08-W	
Lazy B Unit #09	
Lazy B Unit #10	
Lazy B Unit #11	
Lazy B Unit #12-W	
Lazy B Unit #13	
Lazy B Unit #14-L15	Agreement #891014215A
Lazy B Unit #15-D15	Agreement #891014215A
Lazy B Unit #17-M15	Agreement #891014215A
(Union Federal) Lazy B #1	Agreement #891014215A
Longtree Unit Federal #12W-4	WYW109050X
Longtree Unit Federal #41N-5	WYW109050X
Longtree Unit Federal Clark #42-5	Agreement #WYW109050X
Longtree Unit Norfolk #1-5	Agreement #WYW109050X
Longtree Unit Viking Federal #11-4	Lease #W96668
Longtree Unit Viking Federal #12-4	Lease #W96668
Longtree Unit Viking Federal #13-4	Agreement #WYW109050X
Longtree Unit Viking Federal #24-4	Agreement #WYW109050X
Longtree Unit Federal #41-5	Agreement #WYW109050X
Longtree Unit Westburne Federal #23-4	WYW109050X
Love Federal #1	Lease #WYW39563
Federal Tenneco #1	Lease #WYW51875
Union Simpson Cons. USA W-041279-A #1	Agreement #NW206
Wallace Creek #1	Agreement #WYW119639

New Mexico

District I

State of New Mexico "35" 1, #16905, Lea County
 Vacuum "31" 1, #17044, Lea County

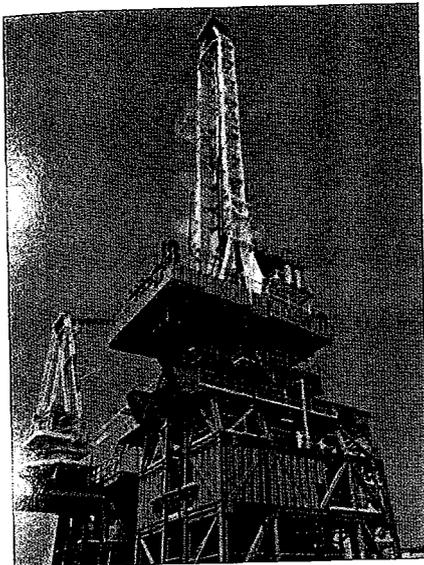
District II

Tweedy "9" 1, #18276, Eddy County
 Lewis "19" 1, #17380, Eddy County

If you have any questions regarding this matter, please contact me at (512) 263-3046.

Respectfully,

Alan J. Kane, P.E.



Pool Energy Services, Houston, recently completed a \$7.5 million upgrade of a cold-stacked platform drilling rig at its Harvey, La., facility. The modified rig, redesignated Pool Rig 18, now features a top-drive drilling system, a small footprint and the ability to be rigged up without the assistance of a crane barge. The rig recently began operations for Shell Offshore Inc. under a term contract in the Gulf of Mexico.

utilizes the TLP concept. It enables marginal or unproven deepwater fields to be produced cost-effectively by using one or more small TLPs.

Chevron Corp. and NGC Corp. will form a partnership to own and expand Chevron's natural gas complex in Venice, La. The complex, 75 miles southeast of New Orleans, handles natural gas produced by a growing number of Gulf of Mexico projects. The processing plant will be expanded to handle 1.3 Bcfd and will cost up to \$100 million.

Apache Corp., Houston, has brought onstream 25 MMcfd of new production in the Gulf of Mexico. Off the coast of Texas on Galveston Block 300 an Apache-operated platform is producing 25 MMcfd and 628 bc/d from two wells drilled on blocks 300 and 301. The discovery well, Apache's Galveston 300 #1, was completed in November 1995 flowing 11.4 MMcfd and 330 bc/d from the RM-5 sand perforated at about 13,800 feet. Apache owns a 100% working interest in this acreage and is using a salvaged platform from another offshore block.

Newsline

Coastal Field Services Co., a subsidiary of The Coastal Corp., Houston, has acquired a one-third interest in Main Pass Gas Gathering Co., operator of the Main Pass Gas Gathering System serving the Main Pass region of the Gulf of Mexico, offshore Louisiana and Mississippi. The system has a throughput capacity of 358 MMcfd and so far has seen throughput of up to 200 MMcfd. Development in the area is expected to produce enough gas to exceed system capacity soon.

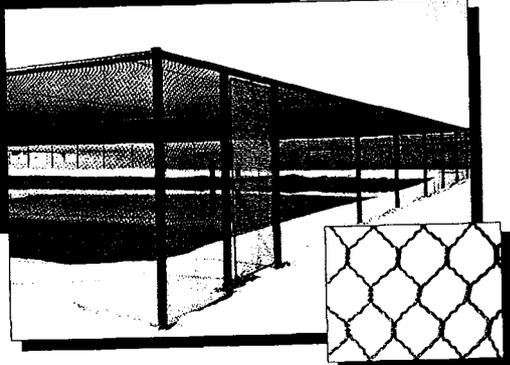
MIDCONTINENT

KCS Energy, Edison, N.J., will buy InterCoast Oil and Gas Co., owned by Mid-American Energy Co. of Des Moines, Iowa. InterCoast has 220 Bcfe of reserves in North Texas, Oklahoma and northern Louisiana on properties producing an average of 64 MMcfd

Pit & Tank Protection Netting

TOREX PROVIDES PROTECTION TO BIRDS AND OTHER WILDLIFE

"The Proven Original"



Check These Advantages

- Prevents Injury To Birds - Proven 23 Plus Year History
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- Turnkey Installations For Any Size Containment
- Designed To Endure Heavy Ice & Wind Weather Conditions
- Knitted Yarn Provides Alternating Shade From U.V. Rays
- 100% Polypropylene - Not Effected by Hydrogen Sulfide
- Ultra Violet Ray Protected With Carbon Black Inhibitor
- High Resistance To Abrasion - Resistance to Chemicals
- Tremendous Temperature Limits & Will Not Rust or Mildew
- Absolutely The Longest Field Life Netting Available

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COASTAL NETTING COMPANY

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coastal

Circle 109

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DEPOSIT GUARANTY
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CNB

William A. Philipp, P.E.
Energy Department Manager
1-800-748-8500 or 354-8229
Jackson, MS

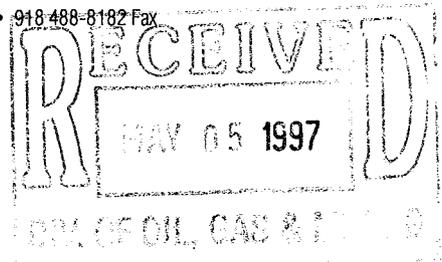
Riley Hagan, III, P.E.
Energy Department Manager
1-800-274-1907 or 429-1820
Shreveport, LA

Deposit Guaranty National Bank and Commercial National Bank are subsidiaries of Deposit Guaranty Corp. Member FDIC

Circle 110

KCS Medallion Resources, Inc.

7130 South Lewis Avenue • Suite 700 • Tulsa, Oklahoma 74136-5489 • 918 488-8283 Telephone • 918 488-8182 Fax



April 29, 1997

Ms. Lisha Cordova
Utah Division of Oil, Gas and Mining
1594 West North Temple
Salt Lake City, Utah 84114-5801

Ref: Change of Operator

Dear Ms. Cordova:

InterCoast Oil and Gas Company has been acquired by KCS Energy effective 1/2/97 and as a result a name change is requested. The new operator name should be **KCS Medallion Resources, Inc.** The respective Secretary of State for each affected state has been notified of the change. In addition, bonds for KCS Medallion Resources Inc. should be in effect for all leases located in the state of Utah. All wells currently operated by InterCoast Oil and Gas Company should be changed to KCS Medallion Resources Inc. A copy of the letter submitted to the United States Department of the Interior, Bureau of Land Management is attached. The affected leases include the following;

Utah

<u>Well Name</u>	<u>Federal Lease /Agreement /API Number</u>
Castle Draw USA #1	UTU075174-430131621180051
Castle Draw J-210	UTU70821-43013306840051
Castle Draw USA 3-N10-X	UTU70821-43013309940051

If you have any questions regarding this matter, please contact me at (512) 263-3046.

Respectfully,

A handwritten signature in cursive script that reads "Alan Kane".

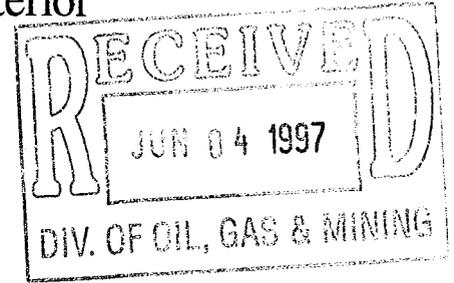
Alan J. Kane, P.E.



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
SL-071010C
U-075174
UTU-70821
(UT-932)

JUN 3 1997

NOTICE

KCS Medallion Resources, Inc.	:	Oil and Gas
7130 South Lewis Avenue, Suite 700	:	SL-071010C, U075174,
Tulsa, OK 74136-5489	:	UTU-70821

Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of InterCoast Oil and Gas Company to KCS Medallion Resources, Inc.

The following oil and gas lease files have been noted as to the name change: SL-071010C, U-075174, and UTU-70821. 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.

KCS Medallion Resources, Inc. is covered by nationwide surety Bond No. B05649 (BLM Bond No. NM2462).

Linda K. Sorenson

Acting Group Leader,
Minerals Adjudication Group

cc: Vernal District Office
MMS--Reference Data Branch, MS 3130, Box 5860, Denver, CO 80217
State of Utah, DOGM, Attn: Lisha Cordova (Suite 1210), Box 145801, SLC, UT 84114

OPERATOR CHANGE WORKSHEET

Routing	
1-FILE ✓	6-FILE ✓
2-GLH ✓	7-KAS ✓
3-DTS ✓	8-SI ✓
4-VLD ✓	9-FILE ✓
5-IRB ✓	

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: 1-2-97

TO: (new operator)	<u>KCS MEDALLION RESOURCES INC</u>	FROM: (old operator)	<u>INTERCOAST OIL AND GAS CO</u>
(address)	<u>7130 S LEWIS AVE STE 700</u>	(address)	<u>7130 S LEWIS AVE STE 700</u>
	<u>TULSA OK 74136</u>		<u>TULSA OK 74136</u>
Phone:	<u>(918)488-8283</u>	Phone:	<u>(918)488-8283</u>
Account no.	<u>N2645 (6-6-97)</u>	Account no.	<u>N6760</u>

WELL(S) attach additional page if needed:

Name:	<u>CASTLE DRAW USA #1/GR</u>	API:	<u>43-013-16218</u>	Entity:	<u>8120</u>	S	<u>10</u>	T	<u>9S</u>	R	<u>17E</u>	Lease:	<u>U075174</u>
Name:	<u>CASTLE DRAW 2-J10/GR</u>	API:	<u>43-013-30684</u>	Entity:	<u>8121</u>	S	<u>10</u>	T	<u>9S</u>	R	<u>17E</u>	Lease:	<u>UTU70821</u>
Name:	<u>CASTLE DRAW USA 3-N10X</u>	API:	<u>43-013-30994</u>	Entity:	<u>9745</u>	S	<u>10</u>	T	<u>9S</u>	R	<u>17E</u>	Lease:	<u>UTU70821</u>
Name:	_____	API:	_____	Entity:	_____	S	_____	T	_____	R	_____	Lease:	_____
Name:	_____	API:	_____	Entity:	_____	S	_____	T	_____	R	_____	Lease:	_____
Name:	_____	API:	_____	Entity:	_____	S	_____	T	_____	R	_____	Lease:	_____
Name:	_____	API:	_____	Entity:	_____	S	_____	T	_____	R	_____	Lease:	_____

OPERATOR CHANGE DOCUMENTATION

- Yes 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(BLM Letter 6-3-97)*
- Yes 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(rec'd 5-5-97)*
- Yes 3. The **Department of Commerce** has been contacted if the **new** operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) yes If yes, show company file number: #157795. *(eff. 6-17-94) * See comments.*
- Yes 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of **steps 5 through 9** below.
- Yes 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(6-6-97)*
- Yes 6. **Cardex** file has been updated for each well listed above. *(6-6-97)*
- Yes 7. Well **file labels** have been updated for each well listed above. *(6-6-97)*
- Yes 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(6-6-97)*
- Yes 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

- See 1. (r649-8-7) **Entity assignments have been reviewed** for all wells listed above. Were entity changes made? (yes/no) If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A See 1. (r649-3-1) 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 operator's bond files.
- 3. The **FORMER** operator has requested a release of liability from their bond (yes/no) , as of today's date . If yes, division response was made to this request by letter dated .

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 6/19/97 1. Copies of documents have been sent on to at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- N/A 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated 19 , of their responsibility to notify all interest owners of this change.

FILMING

- 1. All attachments to this form have been **microfilmed**. Today's date: 6-20-97.

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** are now being filed in the Operator Change file.

COMMENTS

970606 Blm/SL Apr. 6-3-97.
970606 Dept. of Commerce "formerly Medallion Prod. Co. to Intercoast O&G to K&S Medallion Res. Inc."

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

UTU - 70821

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

8. Well Name and No.

CASTLE DRAW #3-N10-X

9. API Well No.

43-013-30994

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

<input checked="" type="checkbox"/> Oil Well	<input type="checkbox"/> Gas Well	<input type="checkbox"/> Other
--	-----------------------------------	--------------------------------

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102

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

SE/SW Section 10, T09S, R17E

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

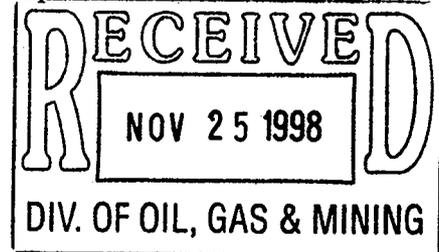
TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input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

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

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

Effective December 1, 1998, Inland Production Company will take over operations of the above referenced well. The previous operator was:

KCS Medallion Resources, Inc.
7130 S. Lewis Ave., Suite 700
Tulsa, OK 74136



Effective December 1, 1998, Inland Production Company is responsible under the terms & conditions of the leases for operations conducted on the leased lands or a portion thereof under State of Utah Statewide Bond No. 4471291.

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

Signed Shannon Smith Title Engineering Secretary Date 11/23/98

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: UTAH DOGM

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 KCS Medallion Resources, Inc.

3. Address and Telephone No.
 7130 S. Lewis Ave., Suite 700 Tulsa, OK 74136 (918) 488-8283

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 SE/4 SW/4 of Section 10-9S-17E

5. Lease Designation and Serial No.
 UTU - 70821

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
 Castle Draw #3-N10-X

9. API Well No.
 4301330994

10. Field and Pool, or Exploratory Area
 Green River

11. County or Parish, State
 Duchesne, Utah

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

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

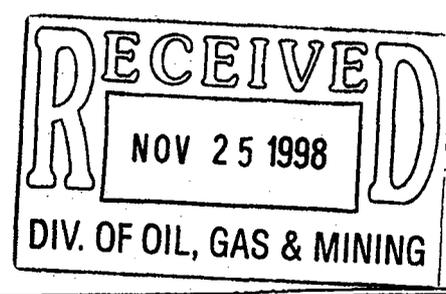
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

Monument Butte Field

Request is made for change of operator to: Inland Production Company
 410 Seventeenth Str., Suite 700 Denver, CO 80202 (303) 893-0102

Effective December 1, 1998.



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

Signed [Signature] Title Vice President / Land Date 11/19/98

(This space for Federal or State office use)

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

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



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal Field Office
170 South 500 East
Vernal, Utah 84078-2799

Phone: (435) 781-4400
Fax: (435) 781-4410

IN REPLY REFER TO:

3162.3
UT08438

December 16, 1998

Inland Production Company
410 17th Street, Suite 700
Denver, CO 80202

Re: Well No. Castle Draw 1
SESE, Sec. 10, T9S, R17E
Lease U-075174
Duchesne County, Utah

Dear Ms Smith:

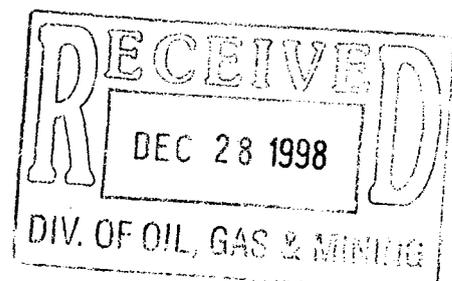
This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Inland Production Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT0056, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (435) 781-4400.

Sincerely,

Howard B. Cleavinger II
Assistant Field Manager,
Minerals Resources

cc: Division of Oil, Gas & Mining
KCS Medallion Resources, Inc.





United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal Field Office
170 South 500 East
Vernal, Utah 84078-2799

Phone: (435) 781-4400
Fax: (435) 781-4410

IN REPLY REFER TO:
3162.3
UT08438

December 16, 1998

Inland Production Company
410 17th Street, Suite 700
Denver, CO 80202

Re: Well No. Castle Draw 2-J10
NWSE, Sec. 10, T9S, R17E
Lease U-70821
Duchesne County, Utah

Dear Ms Smith:

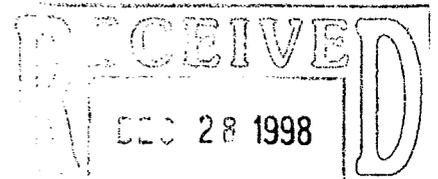
This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Inland Production Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT0056, for all operations conducted on the referenced well on the leased land.

If you have any other questions concerning this matter, please contact Margie Herrmann or Pat Sutton of this office at (435) 781-4400.

Sincerely,

Howard B. Cleavinger II
Assistant Field Manager,
Minerals Resources

cc: Division of Oil, Gas & Mining
KCS Medallion Resources, Inc.



OIL, GAS & MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Vernal Field Office
170 South 500 East
Vernal, Utah 84078-2799

Phone: (435) 781-4400
Fax: (435) 781-4410

IN REPLY REFER TO:

3162.3
UT08438

December 16, 1998

Inland Production Company
410 17th Street, Suite 700
Denver, CO 80202

Re: Well No. Castle Draw 3-N10-X
SESW, Sec. 10, T9S, R17E
Lease U-70821
Duchesne County, Utah

Dear Ms Smith:

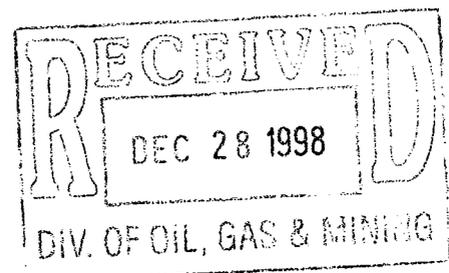
This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Inland Production Company is responsible for all operations performed on the referenced well. All liability will now fall under your bond, BLM Bond No. UT0056, for all operations conducted on the referenced well on the leased land.

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Sincerely,

Howard B. Cleavinger II
Assistant Field Manager,
Minerals Resources

cc: Division of Oil, Gas & Mining
KCS Medallion Resources, Inc.



OPERATOR CHANGE WORKSHEET

1-KDR ✓	6-KAS ✓
2-GLH ✓	7-SJ ✓
3-JRB ✓	8-FILE ✓
4-CDW ✓	
5-KDR ✓	

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: 12-1-98

TO: (new operator)	<u>INLAND PRODUCTION COMPANY</u>	FROM: (old operator)	<u>KCS MEDALLION RES INC.</u>
(address)	<u>410 17TH STREET STE 700</u>	(address)	<u>7130 S LEWIS AVE STE 700</u>
	<u>DENVER, CO 80202</u>		<u>TULSA, OK 74136</u>
Phone:	<u>(303) 893-0102</u>	Phone:	<u>(918) 488-8283</u>
Account no.	<u>N5160</u>	Account no.	<u>N2645</u>

WELL(S) attach additional page if needed:

Name: <u>CASTLE DRAW USA #1</u>	API: <u>43-013-16218</u>	Entity: <u>08120</u>	S	<u>10</u>	T	<u>9S</u>	R	<u>17E</u>	Lease: <u>U-075174 (POW)</u>
Name: <u>CASTLE DRAW 2-J10</u>	API: <u>43-013-30684</u>	Entity: <u>08121</u>	S	<u>10</u>	T	<u>9S</u>	R	<u>17E</u>	Lease: <u>UTU-70821 (POW)</u>
Name: <u>CASTLE DRAW USA 3-N10</u>	API: <u>43-013-30994</u>	Entity: <u>09745</u>	S	<u>10</u>	T	<u>9S</u>	R	<u>17E</u>	Lease: <u>UTU-70821 (POW)</u>
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____
Name: _____	API: _____	Entity: _____	S	_____	T	_____	R	_____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- KDR 1. (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 11.25.98)*
- KDR 2. (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 11.25.98)*
- N/A 3. The **Department of Commerce** has been contacted if the new operator above is not currently operating any wells in Utah. Is the company **registered with the state?** (yes/no) _____ If yes, show company file number: _____
- KDR 4. **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of **Federal** and **Indian** well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below. *(Rec'd 12.28.98)*
- KDR 5. Changes have been entered in the **Oil and Gas Information System** (3270) for each well listed above. *(1.7.99)*
- KDR 6. **Cardex** file has been updated for each well listed above. *(1.7.99)*
- KDR 7. Well **file labels** have been updated for each well listed above. *(* new filing system)*
- KDR 8. Changes have been included on the monthly "Operator, Address, and Account Changes" **memo** for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(1.5.99)*
- KDR 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. *(12.1.98)*

ENTITY REVIEW

- YDR 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (12.1.98) If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- N/A 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been notified through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A 1. (r649-3-1) 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 operator's bond files.
- | 3. The FORMER operator has requested a release of liability from their bond (yes/no) _____, as of today's date _____. If yes, division response was made to this request by letter dated _____.

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- N/A 1. Copies of documents have been sent on _____ to _____ at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- | 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated _____ 19 __, of their responsibility to notify all interest owners of this change.

FILMING

- | 1. All attachments to this form have been microfilmed. Today's date: _____.

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 are now being filed in the Operator Change file.

COMMENTS

981223 Per marjie Herrman w/ BLM, they approved oper. change. Should receive approval after 1st of year.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
CASTLE DRAW II UNIT

8. Well Name and No.
CASTLE DRAW 14-10

9. API Well No.
43-013-30994

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
COUNTY, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

475 17TH STREET, SUITE 1500, DENVER, COLORADO 80202 (303) 292-0900

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

655 FSL 2005 FWL SW/SE Section 10, T09S R17E

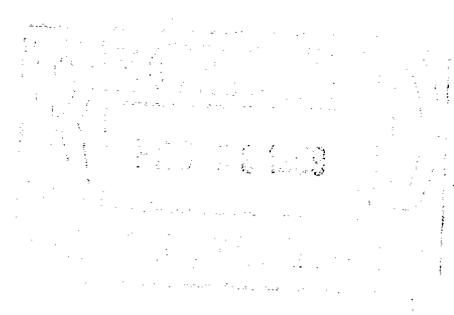
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

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

Inland Production Company requests to change the name of the Castle Draw USA 3-N10-X to the Castle Draw #14-10.



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

Signed Sharonna Smith Title Engineering Secretary Date 2/2/99

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: UTAH DOGM

STATE OF UTAH
 DIVISION OF OIL, GAS AND MINING
 ENTITY ACTION FORM -FORM 6

OPERATOR: **INLAND PRODUCTION COMPANY**
 ADDRESS: **RT. 3 BOX 3630**
MYTON, UT 84052

OPERATOR ACCT. NO. **N5160**

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D	08121	12704	43-013-30684	Castle Draw #10-10	NWSE	10	9S	17E	Duchesne		3/1/2000

WELL 2 COMMENTS: Moved well to BlackJack Unit *000515 entity added.*

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D	09745	12704	43-013-30994	Castle Draw #14-10	SESW	10	9S	17E	Duchesne		3/1/2000

WELL 2 COMMENTS: Moved well to BlackJack Unit *000515 entity added.*

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D	12070	12110	43-013-02147	Ashley Federal #04	NWSE	1	00	15E	Duchesne		1/1/2000

WELL 3 COMMENTS: ~~Moved well to Ashley Unit~~

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
D	12071	12110	43-013-02148	Ashley Federal #14	NWSE	1	00	15E	Duchesne		1/1/2000

WELL 4 COMMENTS: ~~Moved well to Ashley Unit~~

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		

WELL 5 COMMENTS:

- ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
 - B - Add new well to existing entity (group or unit well)
 - C - Re-assign well from one existing entity to another existing entity
 - D - Re-assign well from one existing entity to a new entity
 - E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED

MAY 11 2000

DIVISION OF
 OIL, GAS AND MINING

K. M. S. Jones
 Signature
 Production Clerk
 Title
 May 9, 2000
 Date



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, UT 84145-0155

<http://www.blm.gov>



IN REPLY REFER TO:

3106

(UT-924)

September 16, 2004

Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Michael Coulthard
Acting Chief, Branch of
Fluid Minerals

Enclosure

1. State of Texas Certificate of Registration

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare

UTSL-	15855	61052	73088	76561	
071572A	16535	62848	73089	76787	
065914	16539	63073B	73520A	76808	
	16544	63073D	74108	76813	
	17036	63073E	74805	76954	63073X
	17424	63073O	74806	76956	63098A
	18048	64917	74807	77233	68528A
UTU-	18399	64379	74808	77234	72086A
	19267	64380	74389	77235	72613A
02458	26026A	64381	74390	77337	73520X
03563	30096	64805	74391	77338	74477X
03563A	30103	64806	74392	77339	75023X
04493	31260	64917	74393	77357	76189X
05843	33992	65207	74398	77359	76331X
07978	34173	65210	74399	77365	76788X
09803	34346	65635	74400	77369	77098X
017439B	36442	65967	74404	77370	77107X
017985	36846	65969	74405	77546	77236X
017991	38411	65970	74406	77553	77376X
017992	38428	66184	74411	77554	78560X
018073	38429	66185	74805	78022	79485X
019222	38431	66191	74806	79013	79641X
020252	39713	67168	74826	79014	80207X
020252A	39714	67170	74827	79015	81307X
020254	40026	67208	74835	79016	
020255	40652	67549	74868	79017	
020309D	40894	67586	74869	79831	
022684A	41377	67845	74870	79832	
027345	44210	68105	74872	79833	
034217A	44426	68548	74970	79831	
035521	44430	68618	75036	79834	
035521A	45431	69060	75037	80450	
038797	47171	69061	75038	80915	
058149	49092	69744	75039	81000	
063597A	49430	70821	75075		
075174	49950	72103	75078		
096547	50376	72104	75089		
096550	50385	72105	75090		
	50376	72106	75234		
	50750	72107	75238		
10760	51081	72108	76239		
11385	52013	73086	76240		
13905	52018	73087	76241		
15392	58546	73807	76560		

Corporations Section
P.O.Box 13697
Austin, Texas 78711-3697



Geoffrey S. Connor
Secretary of State

Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company
Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.



A handwritten signature in black ink, appearing to read "G. Connor".

Secretary of State

ARTICLES OF AMENDMENT
TO THE
ARTICLES OF INCORPORATION
OF
INLAND PRODUCTION COMPANY

FILED
In the Office of the
Secretary of State of Texas
SEP 02 2004
Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

ARTICLE 1 – Name

The name of the corporation is Inland Production Company.

ARTICLE 2 – Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE – The name of the corporation is Newfield Production Company."

ARTICLE 3 – Effective Date of Filing

This document will become effective upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1st day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs
Susan G. Riggs, Treasurer

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:

9/1/2004

FROM: (Old Operator): N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	TO: (New Operator): N2695-Newfield Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721
---	--

CA No.

Unit:

BLACKJACK (GR)

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
TAR SANDS FED 4-33	33	080S	170E	4301331664	12704	Federal	OW	P
TAR SANDS FED 5-33	33	080S	170E	4301331665	12704	Federal	WI	A
TAR SANDS FED 12-33	33	080S	170E	4301331757	12704	Federal	OW	P
TAR SANDS FED 6-33	33	080S	170E	4301331814	12704	Federal	OW	P
TAR SANDS FED 7-33	33	080S	170E	4301331860	12704	Federal	WI	A
TAR SANDS FED 11-33	33	080S	170E	4301331861	12704	Federal	WI	A
TAR SANDS FED 10-33	33	080S	170E	4301331884	12704	Federal	OW	P
TAR SANDS FED 15-33	33	080S	170E	4301331890	12704	Federal	OW	P
FEDERAL 24-3Y	03	090S	170E	4301331397	12704	Federal	WI	A
MON FED 14-3-9-17Y	03	090S	170E	4301331535	12704	Federal	OW	P
PAIUTE FED 32-4R-9-17	04	090S	170E	4301330674	12704	Federal	NA	DRL
FEDERAL 44-4Y	04	090S	170E	4301331452	12704	Federal	WI	A
ALLEN FED 43-5R-9-17	05	090S	170E	4301330720	12704	Federal	NA	DRL
MON FED 31-5-9-17	05	090S	170E	4301331680	12704	Federal	WI	A
FEDERAL 31R-9H	09	090S	170E	4301331107	12704	Federal	WI	A
CASTLE DRAW 10-10-9-17	10	090S	170E	4301330684	12704	Federal	OW	P
CASTLE DRAW 14-10	10	090S	170E	4301330994	12704	Federal	OW	P
FEDERAL 22-10Y	10	090S	170E	4301331395	12704	Federal	WI	A
BALCRON MON FED 12-10-9-17Y	10	090S	170E	4301331536	12704	Federal	OW	P
BALCRON MON FED 21-10-9-17Y	10	090S	170E	4301331537	12704	Federal	OW	P

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: 9/15/2004
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 9/15/2004
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 2/23/2005
- Is the new operator registered in the State of Utah: YES Business Number: 755627-0143
- If **NO**, the operator was contacted on:

6a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
6b. Inspections of LA PA state/fee well sites complete on: waived

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: BLM BIA

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

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

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: 2/23/2005

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 2/28/2005
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 2/28/2005
3. Bond information entered in RBDMS on: 2/28/2005
4. Fee/State wells attached to bond in RBDMS on: 2/28/2005
5. Injection Projects to new operator in RBDMS on: 2/28/2005
6. Receipt of Acceptance of Drilling Procedures for APD/New on: waived

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: UT 0056

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 61BSBDH2912

FEE & STATE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919

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:

*Bond rider changed operator name from Inland Production Company to Newfield Production Company - received 2/23/05



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
1595 WYNKOOP STREET
DENVER, CO 80202-1129
<http://www.epa.gov/region8>

JUN 17 2009

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

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

Mr. Eric Sundberg
Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, Colorado 80202

Re: Final Permit & Aquifer Exemption
EPA UIC Permit UT21229-08347
Castle Draw #14-10-9-17
SWSE Sec. 10-T9S-R17E
Duchesne County, Utah
API No.: 43-013-30994

Dear Mr. Sundberg:

Enclosed is your copy of the FINAL Underground Injection Control (UIC) Permit for the proposed Castle Draw #14-10-9-17 injection well. A Statement of Basis that discusses the conditions and requirements of this EPA UIC Permit, is also included.

The Public Comment period for this Permit ended on JUN 04 2009. No comments on the Draft Permit were received during the Public Notice period; therefore the Effective Date for this EPA UIC Permit is the date of issuance. All conditions set forth herein refer to Title 40 Parts 124, 144, 146, and 147 of the Code of Federal Regulations (CFR) and are regulations that are in effect as of the Effective Date of this Permit.

Please note that under the terms and conditions of this Final Permit you are authorized only to construct the proposed injection well. Prior to commencing injection, you first must fulfill all "Prior to Commencing Injection" requirements of the Final Permit, Part II Section C.1, and obtain written Authorization to Inject from the EPA. It is your responsibility to be familiar with and to comply with all provisions of your Final Permit. The EPA forms referenced in the permit are available at <http://www.epa.gov/safewater/uic/reportingforms.html>. Guidance documents for Cement Bond Logging, Radioactive Tracer testing, Step Rate testing, Mechanical Integrity demonstration, Procedure in the Event of a Mechanical Integrity Loss, and other UIC guidances, are available at http://www.epa.gov/region8/water/uic/deep_injection.html. Upon request, hard copies of the EPA forms and guidances can be provided.

RECEIVED

JUN 22 2009

DIV. OF OIL, GAS & MINING



Printed on Recycled Paper

This EPA UIC Permit is issued for the operating life of the well unless terminated (Part III, Section B). The EPA may review this Permit at least every five (5) years to determine whether any action is warranted pursuant to 40 CFR § 144.36(a).

If you have any questions on the enclosed Final Permit or Statement of Basis, please call Emmett Schmitz of my staff at (303) 312-6174, or toll-free at (800) 227-8917, ext. 312-6174.

Sincerely,



for Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

enclosure: Final UIC Permit
Statement of Basis
Aquifer Exemption

cc: Letter:

Uintah & Ouray Business Committee,
Ute Indian Tribe:
Curtis Cesspooch, Chairman
Irene Cuch, Vice-Chairwoman
Frances Poowegup, Councilwoman
Ronald Groves, Councilman
Phillip Chimburas, Councilman
Steven Cesspooch, Councilman

Daniel Picard, Superintendent
Uintah & Ouray Indian Agency
U.S. Bureau of Indian Affairs

cc: all enclosures:

Michael Guinn
District Manager
Newfield Production Company
Myton, Utah

Larry Love
Director
Energy & Minerals Dept.
Ute Indian Tribe

Ferron Secakuku
Director, Natural Resources
Ute Indian Tribe

Gilbert Hunt
Associate Director
State of Utah - Natural Resources

Fluid Minerals Engineering Dept.
U.S. Bureau of Land Management
Vernal, Utah





**UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT**

PREPARED: June 2009

Permit No. UT21229-08347

Class II Enhanced Oil Recovery Injection Well

**Castle Draw #14-10-9-17
Duchesne County, UT**

Issued To

Newfield Production Company

1001 Seventeenth Street, Suite 2000

Denver, CO 80202

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Part I. AUTHORIZATION TO CONSTRUCT AND OPERATE

Under the authority of the Safe Drinking Water Act and Underground Injection Control (UIC) Program regulations of the U. S. Environmental Protection Agency (EPA) codified at Title 40 of the Code of Federal Regulations (40 CFR) Parts 2, 124, 144, 146, and 147, and according to the terms of this Permit,

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

is authorized to construct and to operate the following Class II injection well or wells:

Castle Draw #14-10-9-17
655' FSL & 2005' FWL, SWSE S10, T9S, R17E
Duchesne County, UT

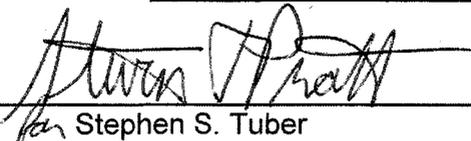
EPA regulates the injection of fluids into injection wells so that injection does not endanger underground sources of drinking water (USDWs). EPA UIC Permit conditions are based on authorities set forth at 40 CFR Parts 144 and 146, and address potential impacts to USDWs.

Under 40 CFR Part 144, Subpart D, certain conditions apply to all UIC Permits and may be incorporated either expressly or by reference. General permit conditions for which the content is mandatory and not subject to site-specific differences are not discussed in this document. Issuance of this Permit does not convey any property rights of any sort or any exclusive privilege, nor does it authorize injury to persons or property or invasion of other private rights, or any infringement of other Federal, State or local laws or regulations. (40 CFR §144.35) An EPA UIC Permit may be issued for the operating life of the injection well or project unless terminated for reasonable cause under 40 CFR §§144.39, 144.40 and 144.41, and may be reviewed at least once every five (5) years to determine if action is required under 40 CFR §144.36(a).

This Permit is issued for the life of the well(s) unless modified, revoked and reissued, or terminated under 40 CFR 144.39 or 144.40. This EPA Permit may be adopted, modified, revoked and reissued, or terminated if primary enforcement authority for a UIC Program is delegated to an Indian Tribe or State. Upon the effective date of delegation, reports, notifications, questions and other correspondence should be directed to the Indian Tribe or State Director.

Issue Date: JUN 17 2009

Effective Date JUN 17 2009


for Stephen S. Tuber

Assistant Regional Administrator*
Office of Partnerships and Regulatory Assistance

*NOTE: The person holding this title is referred to as the "Director" throughout this Permit.

PART II. SPECIFIC PERMIT CONDITIONS

Section A. WELL CONSTRUCTION REQUIREMENTS

These requirements represent the approved minimum construction standards for well casing and cement, injection tubing, and packer.

Details of the approved well construction plan are incorporated into this Permit as APPENDIX A. Changes to the approved plan that may occur during construction must be approved by the Director prior to being physically incorporated.

1. Casing and Cement.

The well or wells shall be cased and cemented to prevent the movement of fluids into or between underground sources of drinking water. The well casing and cement shall be designed for the life expectancy of the well and of the grade and size shown in APPENDIX A. Remedial cementing may be required if shown to be inadequate by cement bond log or other attempted demonstration of Part II (External) mechanical integrity.

2. Injection Tubing and Packer.

Injection tubing is required, and shall be run and set with a packer at or below the depth indicated in APPENDIX A. The packer setting depth may be changed provided it remains below the depth indicated in APPENDIX A and the Permittee provides notice and obtains the Director's approval for the change.

3. Sampling and Monitoring Devices.

The Permittee shall install and maintain in good operating condition:

- (a) a "tap" at a conveniently accessible location on the injection flow line between the pump house or storage tanks and the injection well, isolated by shut-off valves, for collection of representative samples of the injected fluid; and
- (b) one-half (1/2) inch female iron pipe fitting, isolated by shut-off valves and located at the wellhead at a conveniently accessible location, for the attachment of a pressure gauge capable of monitoring pressures ranging from normal operating pressures up to the Maximum Allowable Injection Pressure specified in APPENDIX C:
 - (i) on the injection tubing; and
 - (ii) on the tubing-casing annulus (TCA); and
- (c) a pressure actuated shut-off device attached to the injection flow line set to shut-off the injection pump when or before the Maximum Allowable Injection Pressure (MAIP) specified in APPENDIX C is reached at the wellhead; and
- (d) a non-resettable cumulative volume recorder attached to the injection line.

4. Well Logging and Testing

Well logging and testing requirements are found in APPENDIX B. The Permittee shall ensure the log and test requirements are performed within the time frames specified in APPENDIX B. Well logs and tests shall be performed according to current EPA-approved procedures. Well log and test results shall be submitted to the Director within sixty (60) days of completion of the logging or testing activity, and shall include a report describing the methods used during logging or testing and an interpretation of the test or log results.

5. Postponement of Construction or Conversion

The Permittee shall complete well construction within one year of the Effective Date of the Permit, or in the case of an Area Permit within one year of Authorization of the additional well. Authorization to construct and operate shall expire if the well has not been constructed within one year of the Effective Date of the Permit or Authorization and the Permit may be terminated under 40 CFR 144.40, unless the Permittee has notified the Director and requested an extension prior to expiration. Notification shall be in writing, and shall state the reasons for the delay and provide an estimated completion date. Once Authorization has expired under this part, the complete permit process including opportunity for public comment may be required before Authorization to construct and operate may be reissued.

6. Workovers and Alterations

Workovers and alterations shall meet all conditions of the Permit. Prior to beginning any addition or physical alteration to an injection well that may significantly affect the tubing, packer or casing, the Permittee shall give advance notice to the Director and obtain the Director's approval. The Permittee shall record all changes to well construction on a Well Rework Record (EPA Form 7520-12), and shall provide this and any other record of well workover, logging, or test data to EPA within sixty (60) days of completion of the activity.

A successful demonstration of Part I MI is required following the completion of any well workover or alteration which affects the casing, tubing, or packer. Injection operations shall not be resumed until the well has successfully demonstrated mechanical integrity and the Director has provided written approval to resume injection.

Section B. MECHANICAL INTEGRITY

The Permittee is required to ensure each injection well maintains mechanical integrity at all times. The Director, by written notice, may require the Permittee to comply with a schedule describing when mechanical integrity demonstrations shall be made.

An injection well has mechanical integrity if:

- (a) There is no significant leak in the casing, tubing, or packer (Part I); and
- (b) There is no significant fluid movement into an underground source of drinking water through vertical channels adjacent to the injection well bore (Part II).

1. Demonstration of Mechanical Integrity (MI).

The operator shall demonstrate MI prior to commencing injection and periodically thereafter. Well-specific conditions dictate the methods and the frequency for demonstrating MI and are discussed in the Statement of Basis. The logs and tests are designed to demonstrate both internal (Part I) and external (Part II) MI as described above. The conditions present at this well site warrant the methods and frequency required in Appendix B of this Permit.

In addition to these regularly scheduled demonstrations of MI, the operator shall demonstrate internal (Part I) MI after any workover which affects the tubing, packer or casing.

The Director may require additional or alternative tests if the results presented by the operator are not satisfactory to the Director to demonstrate there is no movement of fluid into or between USDWs resulting from injection activity. Results of MI tests shall be submitted to the Director as soon as possible but no later than sixty (60) days after the test is complete.

2. Mechanical Integrity Test Methods and Criteria

EPA-approved methods shall be used to demonstrate mechanical integrity. Ground Water Section Guidance No. 34 "Cement Bond Logging Techniques and Interpretation", Ground Water Section Guidance No. 37, "Demonstrating Part II (External) Mechanical Integrity for a Class II injection well permit", and Ground Water Section Guidance No. 39, "Pressure Testing Injection Wells for Part I (Internal) Mechanical Integrity" are available from EPA and will be provided upon request.

The Director may stipulate specific test methods and criteria best suited for a specific well construction and injection operation.

3. Notification Prior to Testing.

The Permittee shall notify the Director at least 30 days prior to any scheduled mechanical integrity test. The Director may allow a shorter notification period if it would be sufficient to enable EPA to witness the mechanical integrity test. Notification may be in the form of a yearly or quarterly schedule of planned mechanical integrity tests, or it may be on an individual basis.

4. Loss of Mechanical Integrity.

If the well fails to demonstrate mechanical integrity during a test, or a loss of mechanical integrity becomes evident during operation (such as presence of pressure in the TCA, water flowing at the surface, etc.), the Permittee shall notify the Director within 24 hours (see Part III Section E Paragraph 11(e) of this Permit) and the well shall be shut-in within 48 hours unless the Director requires immediate shut-in.

Within five days, the Permittee shall submit a follow-up written report that documents test results, repairs undertaken or a proposed remedial action plan.

Injection operations shall not be resumed until after the well has successfully been repaired and demonstrated mechanical integrity, and the Director has provided approval to resume injection.

Section C. WELL OPERATION

INJECTION BETWEEN THE OUTERMOST CASING PROTECTING UNDERGROUND SOURCES OF DRINKING WATER AND THE WELL BORE IS PROHIBITED.

Injection is approved under the following conditions:

1. Requirements Prior to Commencing Injection.

Well injection, including for new wells authorized by an Area Permit under 40 CFR 144.33 (c), may commence only after all well construction and pre-injection requirements herein have been met and approved. The Permittee may not commence injection until construction is complete, and

- (a) The Permittee has submitted to the Director a notice of completion of construction and a completed EPA Form 7520-10 or 7520-12; all applicable logging and testing requirements of this Permit (see APPENDIX B) have been fulfilled and the records submitted to the Director; mechanical integrity pursuant to 40 CFR 146.8 and Part II Section B of this Permit has been demonstrated; and
 - (i) The Director has inspected or otherwise reviewed the new injection well and finds it is in compliance with the conditions of the Permit; or
 - (ii) The Permittee has not received notice from the Director of his or her intent to inspect or otherwise review the new injection well within 13 days of the date of the notice in Paragraph 1a, in which case prior inspection or review is waived and the Permittee may commence injection.

2. Injection Interval.

Injection is permitted only within the approved injection interval, listed in APPENDIX C. Additional individual injection perforations may be added provided that they remain within the approved injection interval and the Permittee provides notice to the Director in accordance with Part II, Section A, Paragraph 6.

3. Injection Pressure Limitation

- (a) The permitted Maximum Allowable Injection Pressure (MAIP), measured at the wellhead, is found in APPENDIX C. Injection pressure shall not exceed the amount the Director determines is appropriate to ensure that injection does not initiate new fractures or propagate existing fractures in the confining zone adjacent to USDWs. In no case shall injection pressure cause the movement of injection or formation fluids into a USDW.
- (b) The Permittee may request a change of the MAIP, or the MAIP may be increased or decreased by the Director in order to ensure that the requirements in Paragraph (a) above are fulfilled. The Permittee may be required to conduct a step rate injection test or other suitable test to provide information for determining the fracture pressure of the injection zone. Change of the permitted MAIP by the Director shall be by modification of this Permit and APPENDIX C.

4. Injection Volume Limitation.

Injection volume is limited to the total volume specified in APPENDIX C.

5. Injection Fluid Limitation.

Injected fluids are limited to those identified in 40 CFR 144.6(b)(2) as fluids used for enhanced recovery of oil or natural gas, including those which are brought to the surface in connection with conventional oil or natural gas production that may be commingled with waste waters from gas plants which are an integral part of production operations unless those waters are classified as a hazardous waste at the time of injection, pursuant to 40 CFR 144.6(b). Non-exempt wastes, including unused fracturing fluids or acids, gas plant cooling tower cleaning wastes, service wastes and vacuum truck wastes, are NOT approved for injection. This well is NOT approved for commercial brine injection, industrial waste fluid disposal or injection of hazardous waste as defined by CFR 40 Part 261. The Permittee shall provide a listing of the sources of injected fluids in accordance with the reporting requirements in Part II Section D Paragraph 4 and APPENDIX D of this Permit.

6. Tubing-Casing Annulus (TCA)

The tubing-casing annulus (TCA) shall be filled with water treated with a corrosion inhibitor, or other fluid approved by the Director. The TCA valve shall remain closed during normal operating conditions and the TCA pressure shall be maintained at zero (0) psi.

If TCA pressure cannot be maintained at zero (0) psi, the Permittee shall follow the procedures in Ground Water Section Guidance No. 35 "Procedures to follow when excessive annular pressure is observed on a well."

Section D. MONITORING, RECORDKEEPING, AND REPORTING OF RESULTS

1. Monitoring Parameters, Frequency, Records and Reports.

Monitoring parameters are specified in APPENDIX D. Pressure monitoring recordings shall be taken at the wellhead. The listed parameters are to be monitored, recorded and reported at the frequency indicated in APPENDIX D even during periods when the well is not operating.

Monitoring records must include:

- (a) the date, time, exact place and the results of the observation, sampling, measurement, or analysis, and;
- (b) the name of the individual(s) who performed the observation, sampling, measurement, or analysis, and;
- (c) the analytical techniques or methods used for analysis.

2. Monitoring Methods.

- (a) Monitoring observations, measurements, samples, etc. taken for the purpose of complying with these requirements shall be representative of the activity or condition being monitored.

- (b) Methods used to monitor the nature of the injected fluids must comply with analytical methods cited and described in Table 1 of 40 CFR 136.3 or Appendix III of 40 CFR 261, or by other methods that have been approved in writing by the Director.
- (c) Injection pressure, annulus pressure, injection rate, and cumulative injected volumes shall be observed and recorded at the wellhead under normal operating conditions, and all parameters shall be observed simultaneously to provide a clear depiction of well operation.
- (d) Pressures are to be measured in pounds per square inch (psi).
- (e) Fluid volumes are to be measured in standard oil field barrels (bbl).
- (f) Fluid rates are to be measured in barrels per day (bbl/day).

3. Records Retention.

- (a) Records of calibration and maintenance, and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for this permit shall be retained for a period of AT LEAST THREE (3) YEARS from the date of the sample, measurement, report, or application. This period may be extended anytime prior to its expiration by request of the Director.
- (b) Records of the nature and composition of all injected fluids must be retained until three (3) years after the completion of any plugging and abandonment (P&A) procedures specified under 40 CFR 144.52(a)(6) or under Part 146 Subpart G, as appropriate. The Director may require the Permittee to deliver the records to the Director at the conclusion of the retention period. The Permittee shall continue to retain the records after the three (3) year retention period unless the Permittee delivers the records to the Director or obtains written approval from the Director to discard the records.

4. Annual Reports.

Whether the well is operating or not, the Permittee shall submit an Annual Report to the Director that summarizes the results of the monitoring required by Part II Section D and APPENDIX D.

The first Annual Report shall cover the period from the effective date of the Permit through December 31 of that year. Subsequent Annual Reports shall cover the period from January 1 through December 31 of the reporting year. Annual Reports shall be submitted by February 15 of the year following data collection. EPA Form 7520-11 may be copied and shall be used to submit the Annual Report, however, the monitoring requirements specified in this Permit are mandatory even if EPA Form 7520-11 indicates otherwise.

Section E. PLUGGING AND ABANDONMENT

1. Notification of Well Abandonment, Conversion or Closure.

The Permittee shall notify the Director in writing at least forty-five (45) days prior to: 1) plugging and abandoning an injection well, 2) converting to a non-injection well, and 3) in the case of an Area Permit, before closure of the project.

2. Well Plugging Requirements

Prior to abandonment, the injection well shall be plugged with cement in a manner which isolates the injection zone and prevents the movement of fluids into or between underground sources of drinking water, and in accordance with 40 CFR 146.10 and other applicable Federal, State or local law or regulations. Tubing, packer and other downhole apparatus shall be removed. Cement with additives such as accelerators and retarders that control or enhance cement properties may be used for plugs; however, volume-extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.6 lb/gal shall be placed between all plugs. A minimum 50 ft surface plug shall be set inside and outside of the surface casing to seal pathways for fluid migration into the subsurface. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. Prior to placement of the cement plug(s) the well shall be in a state of static equilibrium with the mud weight equalized top to bottom, either by circulating the mud in the well at least once or by a comparable method prescribed by the Director.

3. Approved Plugging and Abandonment Plan.

The approved plugging and abandonment plan is incorporated into this Permit as APPENDIX E. Changes to the approved plugging and abandonment plan must be approved by the Director prior to beginning plugging operations. The Director also may require revision of the approved plugging and abandonment plan at any time prior to plugging the well.

4. Forty Five (45) Day Notice of Plugging and Abandonment.

The Permittee shall notify the Director at least forty-five (45) days prior to plugging and abandoning a well and provide notice of any anticipated change to the approved plugging and abandonment plan.

5. Plugging and Abandonment Report.

Within sixty (60) days after plugging a well, the Permittee shall submit a report (EPA Form 7520-13) to the Director. The plugging report shall be certified as accurate by the person who performed the plugging operation. Such report shall consist of either:

- (a) A statement that the well was plugged in accordance with the approved plugging and abandonment plan; or
- (b) Where actual plugging differed from the approved plugging and abandonment plan, an updated version of the plan, on the form supplied by the Director, specifying the differences.

6. Inactive Wells.

After any period of two years during which there is no injection the Permittee shall plug and abandon the well in accordance with Part II Section E Paragraph 2 of this Permit unless the Permittee:

- (a) Provides written notice to the Director;
- (b) Describes the actions or procedures the Permittee will take to ensure that the well will not endanger USDWs during the period of inactivity. These actions and procedures shall include compliance with mechanical integrity demonstration, Financial Responsibility and all other permit requirements designed to protect USDWs; and
- (c) Receives written notice by the Director temporarily waiving plugging and abandonment requirements.

PART III. CONDITIONS APPLICABLE TO ALL PERMITS

Section A. EFFECT OF PERMIT

The Permittee is allowed to engage in underground injection in accordance with the conditions of this Permit. The Permittee shall not construct, operate, maintain, convert, plug, abandon, or conduct any other activity in a manner that allows the movement of fluid containing any contaminant into underground sources of drinking water, if the presence of that contaminant may cause a violation of any primary drinking water regulation under 40 CFR 142 or may otherwise adversely affect the health of persons. Any underground injection activity not authorized by this Permit or by rule is prohibited. Issuance of this Permit does not convey property rights of any sort or any exclusive privilege; nor does it authorize any injury to persons or property, any invasion of other private rights, or any infringement of any other Federal, State or local law or regulations. Compliance with the terms of this Permit does not constitute a defense to any enforcement action brought under the provisions of Section 1431 of the Safe Drinking Water Act (SDWA) or any other law governing protection of public health or the environment, for any imminent and substantial endangerment to human health or the environment, nor does it serve as a shield to the Permittee's independent obligation to comply with all UIC regulations. Nothing in this Permit relieves the Permittee of any duties under applicable regulations.

Section B. CHANGES TO PERMIT CONDITIONS

1. Modification, Reissuance, or Termination.

The Director may, for cause or upon a request from the Permittee, modify, revoke and reissue, or terminate this Permit in accordance with 40 CFR 124.5, 144.12, 144.39, and 144.40. Also, this Permit is subject to minor modification for causes as specified in 40 CFR 144.41. The filing of a request for modification, revocation and reissuance, termination, or the notification of planned changes or anticipated noncompliance on the part of the Permittee does not stay the applicability or enforceability of any condition of this Permit.

2. Conversions.

The Director may, for cause or upon a written request from the Permittee, allow conversion of the well from a Class II injection well to a non-Class II well. Conversion may not proceed until the Permittee receives written approval from the Director. Conditions of such conversion may include but are not limited to, approval of the proposed well rework, follow up demonstration of mechanical integrity, well-specific monitoring and reporting following the conversion, and demonstration of practical use of the converted configuration.

3. Transfer of Permit.

Under 40 CFR 144.38, this Permit is transferable provided the current Permittee notifies the Director at least thirty (30) days in advance of the proposed transfer date (EPA Form 7520-7) and provides a written agreement between the existing and new Permittees containing a specific date for transfer of Permit responsibility, coverage and liability between them. The notice shall adequately demonstrate that the financial responsibility requirements of 40 CFR 144.52(a)(7) will be met by the new Permittee. The Director may require modification or revocation and reissuance of the Permit to change the name of the Permittee and incorporate such other requirements as may be necessary under the Safe Drinking Water Act; in some cases, modification or revocation and reissuance is mandatory.

4. Permittee Change of Address.

Upon the Permittee's change of address, or whenever the operator changes the address where monitoring records are kept, the Permittee must provide written notice to the Director within 30 days.

5. Construction Changes, Workovers, Logging and Testing Data

The Permittee shall give advance notice to the Director, and shall obtain the Director's written approval prior to any physical alterations or additions to the permitted facility. Alterations or workovers shall meet all conditions as set forth in this permit. The Permittee shall record any changes to the well construction on a Well Rework Record (EPA Form 7520-12), and shall provide this and any other record of well workovers, logging, or test data to EPA within sixty (60) days of completion of the activity.

Following the completion of any well workovers or alterations which affect the casing, tubing, or packer, a successful demonstration of mechanical integrity (Part III, Section F of this Permit) shall be made, and written authorization from the Director received, prior to resuming injection activities.

Section C. SEVERABILITY

The Provisions of this Permit are severable, and if any provision of this Permit or the application of any provision of this Permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this Permit shall not be affected thereby.

Section D. CONFIDENTIALITY

In accordance with 40 CFR Part 2 and 40 CFR 144.5, information submitted to EPA pursuant to this Permit may be claimed as confidential by the submitter. Any such claim must be asserted at the time of submission by stamping the words "confidential business information" on each page containing such information. If no claim is made at the time of submission, EPA may make the information available to the public without further notice. If a claim is asserted, the validity of the claim will be assessed in accordance with the procedures in 40 CFR Part 2 (Public Information). Claims of confidentiality for the following information will be denied:

- The name and address of the Permittee, and
- information which deals with the existence, absence or level of contaminants in drinking water.

Section E. GENERAL PERMIT REQUIREMENTS

1. Duty to Comply.

The Permittee must comply with all conditions of this Permit. Any noncompliance constitutes a violation of the Safe Drinking Water Act (SDWA) and is grounds for enforcement action; for Permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application; except that the Permittee need not comply with the provisions of this Permit to the extent and for the duration such noncompliance is authorized in an emergency permit under 40 CFR 144.34. All violations of the SDWA may subject the Permittee to penalties and/or criminal prosecution as specified in Section 1423 of the SDWA.

2. Duty to Reapply.

If the Permittee wishes to continue an activity regulated by this Permit after the expiration date of this Permit, under 40 CFR 144.37 the Permittee must apply for a new permit prior to the expiration date.

3. Need to Halt or Reduce Activity Not a Defense.

It shall not be a defense for a Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this Permit.

4. Duty to Mitigate.

The Permittee shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this Permit.

5. Proper Operation and Maintenance.

The Permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the Permittee to achieve compliance with the conditions of this Permit. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of this Permit.

6. Permit Actions.

This Permit may be modified, revoked and reissued or terminated for cause. The filing of a request by the Permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

7. Property Rights.

This Permit does not convey any property rights of any sort, or any exclusive privilege.

8. Duty to Provide Information.

The Permittee shall furnish to the Director, within a time specified, any information which the Director may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The Permittee shall also furnish to the Director, upon request, copies of records required to be kept by this Permit. The Permittee is required to submit any information required by this Permit or by the Director to the mailing address designated in writing by the Director.

9. Inspection and Entry.

The Permittee shall allow the Director, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to:

- (a) Enter upon the Permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this Permit;

- (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this Permit;
- (c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Permit; and,
- (d) Sample or monitor at reasonable times, for the purpose of assuring permit compliance or as otherwise authorized by the SDWA, any substances or parameters at any location.

10. Signatory Requirements.

All applications, reports or other information submitted to the Director shall be signed and certified according to 40 CFR 144.32. This section explains the requirements for persons duly authorized to sign documents, and provides wording for required certification.

11. Reporting Requirements.

- (a) **Planned changes.** The Permittee shall give notice to the Director as soon as possible of any planned changes, physical alterations or additions to the permitted facility, and prior to commencing such changes.
- (b) **Anticipated noncompliance.** The Permittee shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- (c) **Monitoring Reports.** Monitoring results shall be reported at the intervals specified in this Permit.
- (d) **Compliance schedules.** Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted no later than 30 days following each schedule date.
- (e) **Twenty-four hour reporting.** The Permittee shall report to the Director any noncompliance which may endanger human health or the environment, including:
 - (i) Any monitoring or other information which indicates that any contaminant may cause endangerment to a USDW; or
 - (ii) Any noncompliance with a permit condition or malfunction of the injection system which may cause fluid migration into or between USDWs.

Information shall be provided, either directly or by leaving a message, within twenty-four (24) hours from the time the permittee becomes aware of the circumstances by telephoning (800) 227-8917 and requesting EPA Region VIII UIC Program Compliance and Technical Enforcement Director, or by contacting the EPA Region VIII Emergency Operations Center at (303) 293-1788.

In addition, a follow up written report shall be provided to the Director within five (5) days of the time the Permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause, the period of noncompliance including exact dates and times, and if the noncompliance has not been corrected the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.

- (f) Oil Spill and Chemical Release Reporting: The Permittee shall comply with all reporting requirements related to the occurrence of oil spills and chemical releases by contacting the National Response Center (NRC) at (800) 424-8802, (202) 267-2675, or through the NRC website <http://www.nrc.uscg.mil/index.htm>.
- (g) Other Noncompliance. The Permittee shall report all instances of noncompliance not reported under paragraphs Part III, Section E Paragraph 11(b) or Section E, Paragraph 11(e) at the time the monitoring reports are submitted. The reports shall contain the information listed in Paragraph 11(e) of this Section.
- (h) Other information. Where the Permittee becomes aware that it failed to submit any relevant facts in the permit application, or submitted incorrect information in a permit application or in any report to the Director, the Permittee shall promptly submit such facts or information to the Director.

Section F. FINANCIAL RESPONSIBILITY

1. Method of Providing Financial Responsibility.

The Permittee shall maintain continuous compliance with the requirement to maintain financial responsibility and resources to close, plug, and abandon the underground injection well(s). No substitution of a demonstration of financial responsibility shall become effective until the Permittee receives written notification from the Director that the alternative demonstration of financial responsibility is acceptable. The Director may, on a periodic basis, require the holder of a permit to revise the estimate of the resources needed to plug and abandon the well to reflect changes in such costs and may require the Permittee to provide a revised demonstration of financial responsibility.

2. Insolvency.

In the event of:

- (a) the bankruptcy of the trustee or issuing institution of the financial mechanism; or
- (b) suspension or revocation of the authority of the trustee institution to act as trustee; or

- (c) the institution issuing the financial mechanism losing its authority to issue such an instrument

the Permittee must notify the Director in writing, within ten (10) business days, and the Permittee must establish other financial assurance or liability coverage acceptable to the Director within sixty (60) days after any event specified in (a), (b), or (c) above.

The Permittee must also notify the Director by certified mail of the commencement of voluntary or involuntary proceedings under Title 11 (Bankruptcy), U.S. Code naming the owner or operator as debtor, within ten (10) business days after the commencement of the proceeding. A guarantor, if named as debtor of a corporate guarantee, must make such a notification as required under the terms of the guarantee.

APPENDIX A

WELL CONSTRUCTION REQUIREMENTS

See diagram.

Castle Draw No. 14-10-9-17 was drilled to a total depth of 6,097 feet (KB) feet in the Wasatch Formation.

Surface casing (8-5/8 inch) was set at a depth of 304 feet in a 12-1/4 inch hole using 250 sacks of Class "G" cement which was circulated to the surface.

Production casing (4-1/2 inch) was set at a depth of 6,097 feet (KB) in a 7-7/8 inch hole with 1,080 sacks of cement. Top of cement estimated by operator at surface.

No CBL available to identify adequate 80% bond index cement bond within the Confining Zone.

The schematic diagram shows enhanced recovery injection perforations in the Douglas Creek Member of the Green River Formation. Additional perforations may be added at a later time between the depths of 3,508 feet (top of Garden Gulch Member) and the top of the Wasatch Formation (5,829 feet) provided the operator first notifies the Director and later submits an updated well completion report (EPA Form 7520-12) and schematic diagram.

The operator will establish a plug back total depth to the top of the Wasatch Formation to comply with EPA-authorized Class II enhanced recovery injection interval "top of Garden Gulch Member to top of Wasatch Formation".

The packer will be set no higher than 100 feet above the top perforation.

UT 21229-08347 Castle Draw #14-10-9-17

Spud Date: 8/31/84
Production: 10/30/84
GL: 5191' KB: 5203'

(Formerly Castle Draw 3-N10-X)

Initial Production: 95 BOPD,
NO GAS, 20 BWPD

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT: 24#
LENGTH: 6 jts. (291.56') *Base USDN's < 190'*
DEPTH LANDED: 303.56'
HOLE SIZE: 12 - 1/4"
CEMENT DATA: 250 sxs cmt

PRODUCTION CASING

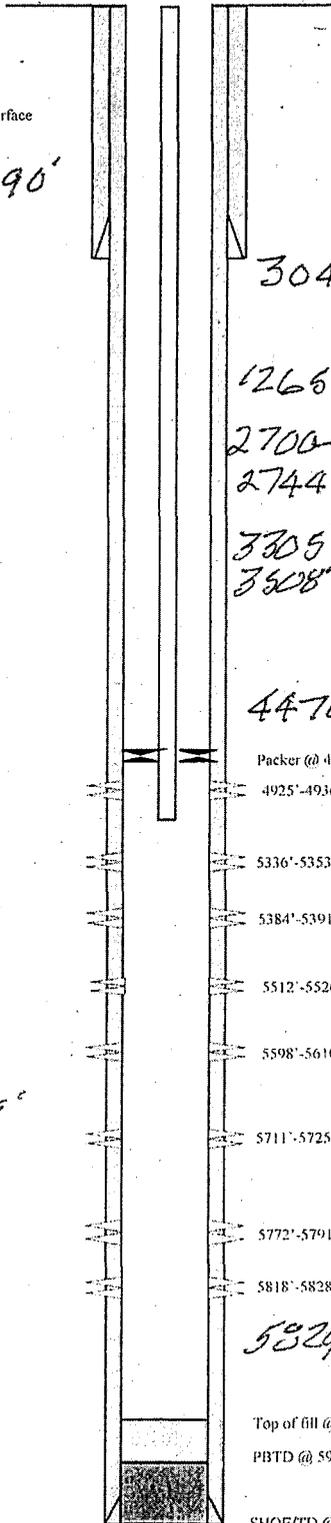
CSG SIZE: 4-1/2"
GRADE: K-55
WEIGHT: 10.5#
LENGTH: 140 jts. (6084.54')
DEPTH LANDED: 6096.54'
HOLE SIZE: 7-7/8"
CEMENT DATA: 1080 sxs cement
CEMENT TOP AT: Est. @ Surface

TUBING

SIZE/GRADE/AWT.: 2 3/8" / 4.7# / J-55
NO. OF JOINTS: 161 jts. (5170.16')
TUBING ANCHOR: 5766.75'
NO. OF JOINTS: 2 jts. (65.05')
SEATING NIPPLE: 2 3/8" (1.10')
SN LANDED AT: 5834.60'
NO. OF JOINTS: 1 jt. (32.60')
TOTAL STRING LENGTH: EOT @ 5868.70'

NO CBL AVAILABLE

Basal Carbonate 5708'



FRAC JOB

5711'-5828'	Frac w/35,500 gal gel, 76,000# 20/40 sand. ISIP 1850 psi
5512'-5610'	Frac w/37,838 gal gel, 71,028# 20/40 sand. ISIP 1700 psi
5336'-5391'	Frac w/42,000 gal gel, 98,000# 20/40 sand ISIP 1550 psi
4925'-4938'	Frac w/39,160 gal gel, 107,280# 20/40 sand. ISIP 1660 psi
3/0/02	Tubing leak. Update rod and tubing details.
2/11/03	Pump change. Update rod details.
5/07/03	Tubing Leak: Update tubing and rod details.
9/8/04	Tubing Leak. Update tubing & rod details

PERFORATION RECORD

5818'-5828'	2 SPF	20 holes
5772'-5791'	2 SPF	38 holes
5711'-5725'	2 SPF	28 holes
5598'-5610'	2 SPF	24 holes
5512'-5526'	2 SPF	28 holes
5384'-5391'	2 SPF	14 holes
5336'-5353'	2 SPF	34 holes
4925'-4936'	2 SPF	22 holes

5829' Wash

NEWFIELD

Castle Draw #14-10-9-17
(Formerly Castle Draw 3-N10-X)
655 FSL & 2005 FWL
SW/SE Section 10-T9S-R17E
Duchesne County, Utah
API #43-013-30994 LEASE: UTU-70821

APPENDIX B

LOGGING AND TESTING REQUIREMENTS

Logs.

Logs will be conducted according to current UIC guidance. It is the responsibility of the Permittee to obtain and use guidance prior to conducting any well logging required as a condition of this permit.

WELL NAME: Castle Draw #14-10-9-17	
TYPE OF LOG	DATE DUE
CBL/VDL/GAMMA RAY	Prior to receiving authorization to inject.

Tests.

Tests will be conducted according to current UIC guidance. It is the responsibility of the Permittee to obtain and use guidance prior to conducting any well test required as a condition of this permit.

WELL NAME: Castle Draw #14-10-9-17	
TYPE OF TEST	DATE DUE
Radioactive Tracer Survey (2)	Run within a 180-day limited authorization to inject if the CBL fails to establish required 80% cement bond within the Confining Zone. If RTS required, a Part II MIT will be required within any five (5) year period following the last successful test.
Standard Annulus Pressure	Prior to receiving authorization to inject and at least once within any five (5) year period following the last successful test.
Pore Pressure	Prior to receiving authorization to inject.

APPENDIX C

OPERATING REQUIREMENTS

MAXIMUM ALLOWABLE INJECTION PRESSURE:

Maximum Allowable Injection Pressure (MAIP) as measured at the surface shall not exceed the pressure(s) listed below.

WELL NAME	MAXIMUM ALLOWED INJECTION PRESSURE (psi)
	ZONE 1 (Upper)
Castle Draw #14-10-9-17	1,380

INJECTION INTERVAL(S):

Injection is permitted only within the approved injection interval listed below. Injection perforations may be altered provided they remain within the approved injection interval and the Permittee provides notice to the Director in accordance with Part II, Section A, Paragraph 6. Specific injection perforations can be found in Appendix A.

WELL NAME: Castle Draw #14-10-9-17	APPROVED INJECTION INTERVAL (KB, ft)		FRACTURE GRADIENT (psi/ft)
	TOP	BOTTOM	
FORMATION NAME Green River: Garden Gulch-Douglas Creek-Basal Carbonate Members	3,508.00	5,829.00	0.720

ANNULUS PRESSURE:

The annulus pressure shall be maintained at zero (0) psi as measured at the wellhead. If this pressure cannot be maintained, the Permittee shall follow the procedures listed under Part II, Section C. 6. of this permit.

MAXIMUM INJECTION VOLUME:

WELL NAME: Castle Draw #14-10-9-17	FORMATION NAME	MAXIMUM VOLUME LIMIT (bbls)
	Green River: Garden Gulch-Douglas Creek-Basal Carbonate Members	

APPENDIX D

MONITORING AND REPORTING PARAMETERS

This is a listing of the parameters required to be observed, recorded, and reported. Refer to the permit Part II, Section D, for detailed requirements for observing, recording, and reporting these parameters.

OBSERVE MONTHLY AND RECORD AT LEAST ONCE EVERY THIRTY DAYS	
OBSERVE AND RECORD	Injection pressure (psig)
	Annulus pressure(s) (psig)
	Injection rate (bbl/day)
	Fluid volume injected since the well began injecting (bbls)
ANNUALLY	
ANALYZE	Injected fluid total dissolved solids (mg/l)
	Injected fluid specific gravity
	Injected fluid specific conductivity
	Injected fluid pH
ANNUALLY	
REPORT	Each month's maximum and averaged injection pressures (psig)
	Each month's maximum and minimum annulus pressure(s) (psig)
	Each month's injected volume (bbl)
	Fluid volume injected since the well began injecting (bbl)
	Written results of annual injected fluid analysis
	Sources of all fluids injected during the year

In addition to these items, additional Logging and Testing results may be required periodically. For a list of those items and their due dates, please refer to **APPENDIX B - LOGGING AND TESTING REQUIREMENTS**.

APPENDIX E

PLUGGING AND ABANDONMENT REQUIREMENTS

See diagram.

The well shall be plugged in a manner that isolates the injection zone and prevents movement of fluid into or between USDWs and in accordance with other applicable Federal, State or local law or regulation. Tubing, packers, and any downhole apparatus shall be removed. Class A, C, G, and H cements, with additives such as accelerators and retarders that control or enhance cement properties, may be used for plugs. However, volume extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.2 lb/gal shall be placed between all plugs. Within sixty (60) days after plugging, the owner or operator shall submit Plugging Record (EPA Form 7520-13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. At a minimum, the following plugs are required:

PLUG NO. 1: Seal Injection Zone: Set a cast iron bridge plug (CIBP) no more than fifty (50) feet above the top injection perforation. Place at least twenty (20) feet of cement plug on top of the CIBP.

PLUG NO. 2: Seal Mahogany Shale and Trona intervals: Squeeze a cement plug on the backside of the 5-1/2 inch casing across the Trona Zone and the Mahogany Shale approximately 2,650 feet to 2,810 feet (unless pre-existing backside cement precludes cement-squeezing this interval) followed by a minimum 160-foot balanced cement plug inside the 5-1/2 inch casing across the Trona Zone and the Mahogany Shale, approximately 2,650 feet to 2,810 feet.

PLUG NO. 3: Seal USDWs: Squeeze a cement plug (1,205 feet - 1,325 feet) on the backside of the 5-1/2 inch casing across the base of the Uinta formation (unless pre-existing backside cement precludes cement-squeezing this interval), followed by a minimum 120-foot balanced cement plug inside the 5-1/2 inch casing across the base of the Uinta Formation, approximately 1,205 feet to 1,325 feet.

PLUG NO.4: Seal Surface: Set a Class "G" cement plug within the 5-1/2 inch casing to 354 feet and up the 5-1/2 inch by 8-5/8 inch casings annulus to the surface.

Castle Draw #14-10-9-17

(Formerly Castle Draw 3-N10-X)

Proposed P & A
Wellbore Diagram

Initial Production: 95 BOPD,
NO GAS, 20 BWPD

Spud Date: 8/31/84
Production: 10/30/84
GL: 5191' KB: 5203'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: K-55
WEIGHT: 24#
LENGTH: 6 jts. (291.56')
DEPTH LANDED: 303.56'
HOLE SIZE: 12 - 1/4"
CEMENT DATA: 250 sxs cement

PRODUCTION CASING

CSG SIZE: 4-1/2"
GRADE: K-55
WEIGHT: 10.5#
LENGTH: 140jts. (6084.54')
DEPTH LANDED: 6096.54'
HOLE SIZE: 7-7/8"
CEMENT DATA: 1080 sxs cement
CEMENT TOP AT: Est. @ Surface

TOC: Est. @ Surface

Casing Shoe @ 304'

Pressure test well

**If pressure test fails: Perforate 4 JSPF @ 354' and circulate 86 sx Class G Cement down 4 - 1/2" casing and up the 4-1/2" x 8-5/8" annulus

If pressure test is positive: Pump 28 sx Class G Cement down 4 - 1/2" casing to 354'

Perforate 4 JSPF @ 354'
only if pressure test fails

Cement Plug 1205'-1325'

1265' Green River

Cement Plug 2650'-2800'

*2700'-2744' T10 n2
2744'-2761' Mahogany Bench*

20' Class G Cement plug on top of CIBP

CIBP *50' above top perforation*
4925' - 4936'

5336' - 5353'

5384' - 5391'

5512' - 5526'

5598' - 5610'

5711' - 5725'

5772' - 5791'

5818' - 5828'

Top of fill @ 5961'

PBTD @ 5981'

SHOE/TD @ 6097'

NEWFIELD

Castle Draw #14-10-9-17
(Formerly Castle Draw 3-N10-X)
655 FSL & 2005 FWL
SW/SE Section 10-T9S-R17E
Duchesne County, Utah
API #43-013-30994 LEASE: UTU-70821

APPENDIX F

CORRECTIVE ACTION REQUIREMENTS

No corrective action is deemed necessary for this project.

STATEMENT OF BASIS

NEWFIELD PRODUCTION COMPANY

CASTLE DRAW #14-10-9-17

DUCHESNE COUNTY, UT

EPA PERMIT NO. UT21229-08347

CONTACT: Emmett Schmitz
U. S. Environmental Protection Agency
Ground Water Program, 8P-W-GW
1595 Wynkoop Street
Denver, Colorado 80202-1129
Telephone: 1-800-227-8917 ext. 312-6174

This STATEMENT OF BASIS gives the derivation of site-specific UIC Permit conditions and reasons for them. Referenced sections and conditions correspond to sections and conditions in the Permit.

EPA UIC permits regulate the injection of fluids into underground injection wells so that the injection does not endanger underground sources of drinking water. EPA UIC permit conditions are based upon the authorities set forth in regulatory provisions at 40 CFR Parts 144 and 146, and address potential impacts to underground sources of drinking water. Under 40 CFR 144.35 Issuance of this permit does not convey any property rights of any sort or any exclusive privilege, nor authorize injury to persons or property of invasion of other private rights, or any infringement of other Federal, State or local laws or regulations. Under 40 CFR 144 Subpart D, certain conditions apply to all UIC Permits and may be incorporated either expressly or by reference. General Permit conditions for which the content is mandatory and not subject to site-specific differences (40 CFR Parts 144, 146 and 147) are not discussed in this document.

Upon the Effective Date when issued, the Permit authorizes the construction and operation of injection wells so that the injection does not endanger underground sources of drinking water, governed by the conditions specified in the Permit. The Permit is issued for the operating life of the injection well or project unless terminated for reasonable cause under 40 CFR 144.39, 144.40 and 144.41. The Permit is subject to EPA review at least once every five (5) years to determine if action is required under 40 CFR 144.36(a).

PART I. General Information and Description of Facility

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

on

January 7, 2009

submitted an application for an Underground Injection Control (UIC) Program Permit or Permit Modification for the following injection well or wells:

Castle Draw #14-10-9-17
655' FSL & 2005' FWL, SWSE S10, T9S, R17E
Duchesne County, UT

Regulations specific to Uintah-Ouray Indian Reservation injection wells are found at 40 CFR 147 Subpart TT.

The application, including the required information and data necessary to issue or modify a UIC Permit in accordance with 40 CFR Parts 144, 146 and 147, was reviewed and determined by EPA to be complete.

The Permit will expire upon delegation of primary enforcement responsibility (primacy) for applicable portions of the UIC Program to the Ute Indian Tribe or the State of Utah unless the delegated agency has the authority and chooses to adopt and enforce this Permit as a Tribal or State Permit.

Castle Draw No. 14-10-9-17 is currently producing from the Douglas Creek Member of the Green River Formation. Applicant initially proposes to use current production perforations for Class II enhanced recovery injection. Castle Draw No. 14-10-9-17 has total depth in the Wasatch Formation.

TABLE 1.1 shows the status of the well or wells as "New", "Existing", or "Conversion" and for Existing shows the original date of injection operation. Well authorization "by rule" under 40 CFR Part 144 Subpart C expires automatically on the Effective Date of an issued UIC Permit.

CONVERSION WELLS		
Well Name	Well Status	Date of Operation
Castle Draw #14-10-9-17	Conversion	N/A

PART II. Permit Considerations (40 CFR 146.24)

Hydrogeologic Setting

Water wells for domestic supply in this area, when present, generally are completed into the shallow alluvium, the Duchesne River Formation, or the underlying Uinta Formation, and the water generally contains approximately 500 to 1,500 mg/l and higher total dissolved solids.

The Uinta-Animas aquifer in the Uinta Basin is present in water-yielding beds of sandstone, conglomerate, and siltstone of the Duchesne River and Uinta Formations, the Renegade Tongue of the Wasatch Formation, and the Douglas Creek Member of the Green River Formation. The Renegade Tongue of the Wasatch Formation and the Douglas Creek Member of the Green River Formation contain an aquifer along the southern and eastern margins of the basin where the rocks primarily consist of fluvial, massive, irregularly bedded sandstone and siltstone. Water-yielding units in the Uinta-Animas aquifer in the Uinta Basin commonly are separated from each other and from the underlying Mesaverde aquifer by units of low permeability composed of claystone, shale, marlstone, or limestone. In the Uinta Basin, for example, the part of the aquifer in the Duchesne River and Uinta Formations ranges in thickness from 0 feet at the southern margin of the aquifer to as much as 9,000 feet in the north-central part of the aquifer. Ground-water recharge to the Uinta-Animas aquifer generally occurs in the areas of higher altitude along the margins of the basin. Ground water is discharged mainly to streams, springs, and by transpiration from vegetation growing along stream valleys. The rate of ground-water withdrawal is small, and natural discharge is approximately equal to recharge. Recharge occurs near the southern margin of the aquifer, and discharge occurs near the White and Green Rivers (from USGS publication HA 730-C). Water samples from Mesaverde sands in the nearby Natural Buttes Unit yielded highly saline water.

Geologic Setting (TABLE 2.1)

The proposed enhanced oil recovery injection well is located in the Greater Monument Butte Field, T7-9S and R15-19E, which lies near the center of the broad, gently northward dipping south flank of the Uinta Basin. More than 450 million barrels of oil (63 MT) have been produced from sediments of the Uinta Basin. The Uinta Basin is a topographic and structural trough encompassing an area of more than 9300 square mi (14,900 km) in northeast Utah. The basin is sharply asymmetrical, with a steep north flank bounded by the east-west-trending Uinta Mountains, and a gently dipping south flank. The Uinta Basin was formed in Paleocene to Eocene time, creating a large area of internal drainage which was filled by the ancestral Lake Uinta. The lacustrine, or fresh water lake-formed, sediments deposited in and around Lake Uinta make up the Uintah and Green River Formations. The southern shore of Lake Uinta was very broad and flat, resulting in large cyclic shifts of the location of the shoreline during the many repeated transgressive and regressive cycles caused by the climatic and tectonic-induced rise and fall of water levels of the lake. Distributary-mouth bars, distributary channels, and near-shore bars are the primary oil producing sandstone reservoirs in the area. (Ref: "Reservoir Characterization of the Lower Green River Formation, Southwest Uinta Basin, Utah Biannual Technical Progress Report, 4/1/99-9/30/99", by C. D. Morgan, Program Manager, November 1999, Contract DE-AC26-98BC15103).

The Duchesne River Formation is absent in this area. Shale and siltstone of the Uintah Formation outcrop and compose the surface rock throughout the area. The lower 600 feet to 800 feet of the Uinta Formation, consisting generally of shale interbedded with occasionally water-bearing sandstone lenses between 5 feet to 20 feet thick, is underlain by the Green River Formation. The

Green River Formation is further subdivided into several Member and local marker units. The cyclic nature of Green River deposition in the southern shore area resulted in numerous stacked, intertonguing deltaic and near-shore sand and silt deposits. Red alluvial shale and siltstone deposits that intertongue with the Green River sediments are of the Colton and Wasatch Formations. Under the Wasatch Formation is the Mesaverde Formation, which consists primarily of continental-origin deposits of interbedded shale, sandstone, and coal.

The geologic dip is about 200 feet per mile, and there are no known surface faults in this area. Veins of gilsonite, a natural resinous hydrocarbon occasionally mined as a resource, occurs in the greater Uintah Basin though it is predominantly found on the eastern margin of the basin near the Colorado border. Vertical veins, generally between 2 ft to 6 ft wide but up to 28 ft wide, may extend many miles in length and occasionally extend as deep as 2000 ft. In this area within the Greater Monument Butte Field there is one known gilsonite vein. This vein is not considered to present a pathway for migration of fluid out of the injection zone because it terminates at depth of about 2000 ft, far above the protective confining layer and much deeper injection zone. Newfield and the owner of this former gilsonite mine have agreed to conditions for operation near this vein to ensure no potential for impact to this vein or to ground water from enhanced oil recovery operations.

TABLE 2.1
GEOLOGIC SETTING
Castle Draw #14-10-9-17

Formation Name	Top (ft)	Base (ft)	TDS (mg/l)	Lithology
Uinta: Public. 92	0	190	< 10,000	Sand and shale.
Uinta	190	1,265		Interbedded lacustrine sand, shale, carbonate with fluvial sand and shale.
Green River:	1,265	5,829		Interbedded lacustrine evaporite, sand, shale, carbonate with fluvial sand and shale.
Green River: Trona	2,700	2,744		Evaporite
Green River: Mahogany Bench	2,744	2,761		Oil shale.
Green River: Confining Zone	3,305	3,508		Shale
Green River: Garden Gulch Member	3,508	4,470		Interbedded lacustrine sand, shale and carbonate with fluvial sand and shale.
Green River: Douglas Creek Member	4,470	5,708	9,564	Interbedded sand, shale and carbonate with fluvial sand and shale.
Green River: Basal Carbonate Member	5,708	5,829		Carbonate
Wasatch	5,829	6,097		Shale and sand

Proposed Injection Zone(s) (TABLE 2.2)

An injection zone is a geological formation, group of formations, or part of a formation that receives fluids through a well. The proposed injection zones are listed in TABLE 2.2.

Injection will occur into an injection zone that is separated from USDWs by a confining zone which is free of known open faults or fractures within the Area of Review.

The EPA-approved interval for Class II enhanced recovery injection is located between the top of the Garden Gulch Member (3508 feet) and the top of the Wasatch Formation at 5829 feet.

**TABLE 2.2
INJECTION ZONES
Castle Draw #14-10-9-17**

Formation Name	Top (ft)	Base (ft)	TDS (mg/l)	Fracture Gradient (psi/ft)	Porosity	Exempted?*
Green River: Garden Gulch-Douglas Creek-Basal Carbonate Members	3,508	5,829		0.720		P

* C - Currently Exempted
E - Previously Exempted
P - Proposed Exemption
N/A - Not Applicable

Confining Zone(s) (TABLE 2.3)

A confining zone is a geological formation, part of a formation, or a group of formations that limits fluid movement above the injection zone. The confining zone or zones are listed in TABLE 2.3.

The 203-foot (3305 feet - 3508 feet) shale Confining Zone directly overlies the top of the Garden Gulch Member.

**TABLE 2.3
CONFINING ZONES
Castle Draw #14-10-9-17**

Formation Name	Formation Lithology	Top (ft)	Base (ft)
Green River	Shale	3,305	3,508

Underground Sources of Drinking Water (USDWs) (TABLE 2.4)

Aquifers or the portions thereof which contain less than 10,000 mg/l total dissolved solids (TDS) and are being or could in the future be used as a source of drinking water are considered to be USDWs. The USDWs in the area of this facility are identified in TABLE 2.4.

Throughout the Greater Monument Butte Field area undergoing enhanced oil recovery operations, water analyses of the Green River Formation generally exhibit total dissolved solids (TDS) content well in excess of 10,000 mg/l. However, some recent water analyses from the field showed lower TDS values closer to 10,000 mg/l. While rain and surface water recharge into Green River Formation outcrops further south along the Book Cliffs/Roan Cliffs in effect "freshens" the Green River Formation water near those outcrops, in this area of the Monument Butte Field the observed occasional 'freshening' is ascribed to the effective dilution of the originally in-place high TDS water

from injection of relatively fresh water for enhanced oil recovery operations. Water samples from deeper Mesaverde Formation sands in the nearby Natural Buttes Unit yield highly saline water.

The State of Utah "Water Wells and Springs" identifies no public water supply wells within the one-quarter (1/4) mile Area-of-Review (AOR) around the Castle Draw No. 14-10-9-17.

Technical Publication No. 92: State of Utah, Department of Natural Resources, cites the base of Underground Sources of Drinking Water (USDW) in the Uinta Formation approximately 190 feet from the surface. Absent definitive information relative to the water quality of the Uinta Formation from the depth of 190 feet to the base of the Uinta Formation (1,265 feet), the EPA will require, during plugging and abandonment, a cement plug at the base of the Uinta Formation to protect contamination of possible Uinta USDWs.

TABLE 2.4
UNDERGROUND SOURCES OF DRINKING WATER (USDW)
Castle Draw #14-10-9-17

Formation Name	Formation Lithology	Top (ft)	Base (ft)	TDS (mg/l)
Uinta: Publ> 92	Sand and shale	0	190	< 10,000
Uinta	Interbedded lacustrine sand, shale and carbonate with fluvial sand and shale	190	1,265	

Exempted Aquifer(s) (40 CFR 144.7 and 146.4)

Aquifers exempted from protection as a USDW are listed in TABLE 2.5. Exempted is that portion of the aquifer between the depths listed ("TOP" and "BASE") and within the Exempted Radius of the well's surface location, or for an Area Permit, one-quarter (1/4) mile exterior to the defined Area Permit boundary. "Criteria" corresponds to the appropriate criteria (below) for exemption. "VOLUME" is the maximum volume of fluid which can be injected into the exempted area before the injected fluids exceed the exemption boundary, calculated using the following formula:

$$V = \text{Pi} * \text{radius}^2 * \text{height} * \text{porosity} / 5.615$$

where V = VOLUME (in barrels)

Pi = 3.1416

radius² = Exempted Radius (squared) - generally 1/4 mile

height = height of reservoir ("BOTTOM" - "TOP")

porosity = reservoir porosity (in percent)

5.615 = conversion factor (cubic feet per barrel)

TABLE 2.5
AQUIFER EXEMPTION
Castle Draw #14-10-9-17

Formation Name	Top (ft)	Base (ft)	Criteria	Volume (bbl)
Green River: Garden Gulch- Douglas Creek-Basal Carbonate Members	3,508	5,829	b(1)	

An aquifer or a portion thereof may be determined to be an "exempted aquifer" provided it meets criteria, listed below.

- a It does not currently serve as a source of drinking water; AND
- b(1) It cannot now and will not in the future serve as a source of drinking water because it is mineral, hydrocarbon, or geothermal energy producing, or can be demonstrated by a permit applicant as part of a permit for a Class II or III operation to contain minerals or hydrocarbons that considering their quantity and location are expected to be commercially producible; OR

An October 9, 2008 "Production Water Analysis - Run D" obtained from the Castle Draw No. 14-10-9-17 identified the total dissolved solids (TDS) of the producing zones water as 9,564 mg/l.

- b(2) It cannot now and will not in the future serve as a source of drinking water because it is situated at a depth or location which makes recovery of water for drinking water purposes economically or technically impractical; OR
- b(3) It cannot now and will not in the future serve as a source of drinking water because it is so contaminated that it would be economically or technologically impractical to render that water fit for human consumption; OR
- b(4) It cannot now and will not in the future serve as a source of drinking water because it is located over a Class III well mining area subject to subsidence or catastrophic collapse; OR
- c The total dissolved solids content of the ground water is more than 3,000 and less than 10,000 mg/l and it is not reasonably expected to supply a public water system.

PART III. Well Construction (40 CFR 146.22)

Castle Draw No. 14-10-9-17 was drilled to a total depth of 6,097 feet (KB) feet in the Wasatch Formation.

Surface casing (8-5/8 inch) was set at a depth of 304 feet in a 12-1/4 inch hole using 250 sacks of Class "G" cement which was circulated to the surface.

Production casing (4-1/2 inch) was set at a depth of 6,097 feet (KB) in a 7-7/8 inch hole with 1,080 sacks of cement. Top of cement estimated by operator at surface.

No CBL available to identify adequate 80% bond index cement bond within the Confining Zone.

The schematic diagram shows enhanced recovery injection perforations in the Douglas Creek Member of the Green River Formation. Additional perforations may be added at a later time between the depths of 3,508 feet (top of Garden Gulch Member) and the top of the Wasatch Formation (5,829 feet) provided the operator first notifies the Director and later submits an updated well completion report (EPA Form 7520-12) and schematic diagram.

The operator will establish a plug back total depth to the top of the Wasatch Formation to comply with EPA-authorized Class II enhanced recovery injection interval "top of Garden Gulch Member to top of Wasatch Formation".

The packer will be set no higher than 100 feet above the top perforation.

TABLE 3.1
WELL CONSTRUCTION REQUIREMENTS
Castle Draw #14-10-9-17

Casing Type	Hole Size (in)	Casing Size (in)	Cased Interval (ft)	Cemented Interval (ft)
Production	7.88	4.50	0 - 6,097	0 - 6,097
Surface	12.25	8.63	0 - 304	0 - 304

The approved well completion plan will be incorporated into the Permit as APPENDIX A and will be binding on the Permittee. Modification of the approved plan is allowed under 40 CFR 144.52(a)(1) provided written approval is obtained from the Director prior to actual modification.

Casing and Cementing (TABLE 3.1)

The well construction plan was evaluated and determined to be in conformance with standard practices and guidelines that ensure well injection does not result in the movement of fluids into USDWs. Well construction details for this "new" injection well is shown in TABLE 3.1.

Remedial cementing may be required if the casing cement is shown to be inadequate by cement bond log or other demonstration of Part II (External) mechanical integrity.

Tubing and Packer

Injection tubing is required to be installed from a packer up to the surface inside the well casing. The packer will be set above the uppermost perforation. The tubing and packer are designed to prevent injection fluid from coming into contact with the outermost casing.

Tubing-Casing Annulus (TCA)

The TCA allows the casing, tubing and packer to be pressure-tested periodically for mechanical integrity, and will allow for detection of leaks. The TCA will be filled with fresh water treated with a corrosion inhibitor or other fluid approved by the Director.

The tubing/casing annulus must be kept closed at all times so that it can be monitored as required under conditions of the Permit.

Monitoring Devices

The permittee will be required to install and maintain wellhead equipment that allows for monitoring pressures and providing access for sampling the injected fluid. Required equipment may include but is not limited to: 1) shut-off valves located at the wellhead on the injection tubing and on the TCA; 2) a flow meter that measures the cumulative volume of injected fluid; 3) fittings or pressure gauges attached to the injection tubing and the TCA for monitoring the injection and TCA pressure; and 4) a tap on the injection line, isolated by shut-off valves, for sampling the injected fluid.

All sampling and measurement taken for monitoring must be representative of the monitored activity.

PART IV. Area of Review, Corrective Action Plan (40 CFR 144.55)

**TABLE 4.1
AOR AND CORRECTIVE ACTION**

Well Name	Type	Status (Abandoned Y/N)	Total Depth (ft)	TOC Depth (ft)	CAP Required (Y/N)
Blackjack Federal 11-10-9-17	Producer	No	5,775	600	No
Blackjack Federal 15-10-9-17	Producer	No	5,731	148	No
Blackjack Q10-9-17	Producer	No	5,990	58	No
Pleasant Valley 21-15H-9-17	Producer	No	5,967	0	No

TABLE 4.1 lists the wells in the Area of Review ("AOR") and shows the well type, operating status, depth, top of casing cement ("TOC") and whether a Corrective Action Plan ("CAP") is required for the well.

Area Of Review

Applicants for Class I, II (other than "existing" wells) or III injection well Permits are required to identify the location of all known wells within the injection well's Area of Review (AOR) which penetrate the injection zone, or in the case of Class II wells operating over the fracture pressure of the formation, all known wells within the area of review that penetrate formations which may be affected by increased pressure. Under 40 CFR 146.6 the AOR may be a fixed radius of not less

than one quarter (1/4) mile or a calculated zone of endangering influence. For Area Permits, a fixed width of not less than one quarter (1/4) mile for the circumscribing area may be used.

Corrective Action Plan

For wells in the AOR which are improperly sealed, completed, or abandoned, the applicant shall develop a Corrective Action Plan (CAP) consisting of the steps or modifications that are necessary to prevent movement of fluid into USDWs.

The CAP will be incorporated into the Permit as APPENDIX F and become binding on the permittee.

PART V. Well Operation Requirements (40 CFR 146.23)

Formation Name	Depth Used to Calculate MAIP (ft)	Fracture Gradient (psi/ft)	Initial MAIP (psi)
Green River: Garden Gulch-Douglas Creek-Basal Carbonate Members	4,925	0.720	1,380

Approved Injection Fluid

The approved injection fluid is limited to Class II injection well fluids pursuant to 40 CFR § 144.6(b). For disposal wells injecting water brought to the surface in connection with natural gas storage operations, or conventional oil or natural gas production, the fluid may be commingled and the well used to inject other Class II wastes such as drilling fluids and spent well completion, treatment and stimulation fluid. Injection of non-exempt wastes, including unused fracturing fluids or acids, gas plant cooling tower cleaning wastes, service wastes, and vacuum truck and drum rinsate from trucks and drums transporting or containing non-exempt waste, is prohibited.

The proposed injectate will be a blend of culinary water from the Johnson Water District pipeline and/or water from the Green River pipeline, and blended with produced Green River Formation water from wells proximate to the Castle Draw No. 14-10-9-17.

Injection Pressure Limitation

Injection pressure, measured at the wellhead, shall not exceed a maximum calculated to assure that the pressure used during injection does not initiate new fractures or propagate existing fractures in the confining zones adjacent to the USDWs.

The applicant submitted injection fluid density and injection zone data which was used to calculate a formation fracture pressure and to determine the maximum allowable injection pressure (MAIP), as measured at the surface, for this Permit.

TABLE 5.1 lists the fracture gradient for the injection zone and the approved MAIP, determined according to the following formula:

$$FP = [fg - (0.433 * sg)] * d$$

FP = formation fracture pressure (measured at surface)
fg = fracture gradient (from submitted data or tests)
sg = specific gravity (of injected fluid)
d = depth to top of injection zone (or top perforation)

Injection Volume Limitation

Cumulative injected fluid volume limits are set to assure that injected fluids remain within the boundary of the exempted area. Cumulative injected fluid volume is limited when injection occurs into an aquifer that has been exempted from protection as a USDW.

There will be no restrictions on the cumulative volume or daily volume of Class II fluids to be injected into the approved Green River Formation interval. The Permittee shall not exceed the maximum authorized surface injection pressure.

Mechanical Integrity (40 CFR 146.8)

An injection well has mechanical integrity if:

1. there is no significant leak in the casing, tubing, or packer (Part I); and
2. there is no significant fluid movement into a USDW through vertical channels adjacent to the injection well bore (Part II).

The Permit prohibits injection into a well which lacks mechanical integrity.

The Permit requires that the well demonstrate mechanical integrity prior to injection and periodically thereafter. A demonstration of mechanical integrity includes both internal (Part I) and external (Part II). The methods and frequency for demonstrating Part I and Part II mechanical integrity are dependent upon well-specific conditions as explained below.

Well construction and site-specific conditions dictate the following requirements for mechanical integrity (MI) demonstrations:

PART I MI: Internal MI will be demonstrated prior to beginning injection. Since this well is constructed with a standard casing, tubing, and packer configuration, a successful mechanical integrity test (MIT) is required to take place at least once every five (5) years. A demonstration of Part I MI is also required prior to resuming injection following any workover operation that affects the casing, tubing, or packer. Part I MI may be demonstrated by a standard tubing-casing annulus pressure test using the maximum permitted injection pressure or 1,000 psi, whichever is less, with a ten (10) percent or less pressure loss over thirty (30) minutes.

PART II MI: No Cement Bond Log (CBL) exists from which to analyze Confining Zone cement. A CBL is required prior to receiving authorization to inject. If the CBL does not demonstrate the presence of requisite Confining Zone annulus cement, the Permittee shall be authorized a 180-day limited authorization injection period in which to run a Radioactive Tracer Survey (RTS). If the RTS is not run, or if the RTS does not confirm "zonal confinement", the Permittee shall demonstrate Part II MI pursuant to 40 CFR §146.8(a)(2) using an approved test method such as a Temperature Log, Noise Log, or Oxygen Activation Log. This demonstration of Part II MI shall be repeated no less than every five (5) years after the last success test.

PART VI. Monitoring, Recordkeeping and Reporting Requirements

Injection Well Monitoring Program

At least once a year the permittee must analyze a sample of the injected fluid for total dissolved solids (TDS), specific conductivity, pH, and specific gravity. This analysis shall be reported to EPA annually as part of the Annual Report to the Director. Any time a new source of injected fluid is added, a fluid analysis shall be made of the new source.

Instantaneous injection pressure, injection flow rate, cumulative fluid volume and TCA pressures must be observed on a weekly basis. A recording, at least once every thirty (30) days, must be made of the injection pressure, annulus pressure, monthly injection flow rate and cumulative fluid volume. This information is required to be reported annually as part of the Annual Report to the Director.

PART VII. Plugging and Abandonment Requirements (40 CFR 146.10)

Plugging and Abandonment Plan

Prior to abandonment, the well shall be plugged in a manner that isolates the injection zone and prevents movement of fluid into or between USDWs, and in accordance with any applicable Federal, State or local law or regulation. Tubing, packer and other downhole apparatus shall be removed. Cement with additives such as accelerators and retarders that control or enhance cement properties may be used for plugs; however, volume-extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.2 lb/gal shall be placed between all plugs. A minimum 50 ft surface plug shall be set inside and outside of the surface casing to seal pathways for fluid migration into the subsurface. Within sixty (60) days after plugging the owner or operator shall submit Plugging Record (EPA Form 7520 13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. The plugging and abandonment plan is described in Appendix E of the Permit.

The well shall be plugged in a manner that isolates the injection zone and prevents movement of fluid into or between USDWs and in accordance with other applicable Federal, State or local law or regulation. Tubing, packers, and any downhole apparatus shall be removed. Class A, C, G, and H cements, with additives such as accelerators and retarders that control or enhance cement properties, may be used for plugs. However, volume extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.2 lb/gal shall be placed between all plugs. Within sixty (60) days after plugging, the owner or operator shall submit Plugging Record (EPA Form 7520-13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. At a minimum, the following plugs are required:

PLUG NO. 1: Seal Injection Zone: Set a cast iron bridge plug (CIBP) no more than fifty (50) feet above the top injection perforation. Place at least twenty (20) feet of cement plug on top of the CIBP.

PLUG NO. 2: Seal Mahogany Shale and Trona intervals: Squeeze a cement plug on the backside of the 5-1/2 inch casing across the Trona Zone and the Mahogany Shale approximately 2,650 feet to 2,810 feet (unless pre-existing backside cement precludes cement-squeezing this interval) followed by a minimum 160-foot balanced cement plug inside the 5-1/2 inch casing across the Trona Zone and the Mahogany Shale, approximately 2,650 feet to 2,810 feet.

PLUG NO. 3: Seal USDWs: Squeeze a cement plug (1,205 feet - 1,325 feet) on the backside of the 5-1/2 inch casing across the base of the Uinta formation (unless pre-existing backside cement precludes cement-squeezing this interval), followed by a minimum 120-foot balanced cement plug inside the 5-1/2 inch casing across the base of the Uinta Formation, approximately 1,205 feet to 1,325 feet.

PLUG NO.4: Seal Surface: Set a Class "G" cement plug within the 5-1/2 inch casing to 354 feet and up the 5-1/2 inch by 8-5/8 inch casings annulus to the surface.

PART VIII. Financial Responsibility (40 CFR 144.52)

Demonstration of Financial Responsibility

The permittee is required to maintain financial responsibility and resources to close, plug, and abandon the underground injection operation in a manner prescribed by the Director. The permittee shall show evidence of such financial responsibility to the Director by the submission of a surety bond, or other adequate assurance such as financial statements or other materials acceptable to the Director. The Regional Administrator may, on a periodic basis, require the holder of a lifetime permit to submit a revised estimate of the resources needed to plug and abandon the well to reflect inflation of such costs, and a revised demonstration of financial responsibility if necessary. Initially, the operator has chosen to demonstrate financial responsibility with:

A March 6, 2009 demonstration of Financial Responsibility in the amount of \$59,344 has been provided.

The Director may revise the amount required, and may require the Permittee to obtain and provide updated estimates of plugging and abandonment costs according to the approved Plugging and Abandonment Plan.

Financial Statement, received May 16, 2008

Evidence of continuing financial responsibility is required to be submitted to the Director annually.

UNDERGROUND INJECTION CONTROL PROGRAM

AQUIFER EXEMPTION

EPA PERMIT NO. UT21229-08347

Newfield Production Company

TABLE 1.1
AQUIFER EXEMPTION PROPOSAL(S)
Castle Draw #14-10-9-17

Formation Name	Top (ft)	Base (ft)	TDS (mg/l)
Green River: Garden Gulch-Douglas Creek-Basal Carbonate Members	3,508.00	5,829.00	

The formation listed above is hereby exempted from protection as an underground source of drinking water (USDW) in compliance with provisions of the Safe Drinking Water Act as amended (42 USC 300f-300j-9, commonly known as the SDWA) and attendant regulations at Title 40 of the Code of Federal Regulations, within the subsurface interval shown and within a 1/4 mile radial distance from the surface location of the:

Castle Draw #14-10-9-17
Monument Butte (Duchesne)
655' FSL & 2005' FWL, SWSE S10, T9S, R17E
Duchesne County, UT

This aquifer exemption is granted in conjunction with an Underground Injection Control Permit issued for the injection of Class II fluids. This Aquifer Exemption has no expiration date.

The effective date of this exemption is **JUN 17 2009**

for 

Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-70821

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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.

7. UNIT or CA AGREEMENT NAME:
GMBU

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
CASTLE DRAW 14-10

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301330994

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL: FOOTAGES AT SURFACE: 655 FSL 2005 FWL COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSE, 10, T9S, R17E STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<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"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY 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 FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 04/16/2010	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input checked="" 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.

The subject well has been converted from a producing oil well to an injection well on 04/10/2010. On 04/09/10 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 04/16/2010 the casing was pressured up to 1070 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT21229-08347 API# 43-013-30994

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE 

DATE 04/19/2010

(This space for State use only)

**RECEIVED
APR 26 2010
DIV. OF OIL, GAS & MINING**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
 Myton, UT 84052

3b. Phone (include are code)
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 655 FSL 2005 FWL
 SWSE Section 10 T9S R17E

5. Lease Serial No.
 USA UTU-70821

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
 GMBU

8. Well Name and No.
 CASTLE DRAW 14-10

9. API Well No.
 4301330994

10. Field and Pool, or Exploratory Area
 MONUMENT BUTTE

11. County or Parish, State
 DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, 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	<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 & Abandon	<input type="checkbox"/> Temporarily Abandon	Change Status _____
	<input checked="" type="checkbox"/> Convert to Injector	<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 recompleate 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 recompleation 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.)

The subject well has been converted from a producing oil well to an injection well on 04/10/2010. On 04/09/10 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 04/16/2010 the casing was pressured up to 1070 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT21229-08347 API# 43-013-30994

I hereby certify that the foregoing is true and correct (Printed/ Typed) Lucy Chavez-Naupoto	Title Administrative Assistant
Signature 	Date 04/19/2010

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 and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED

APR 26 2010

DIV. OF OIL, GAS & MINING

Mechanical Integrity Test

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
Underground Injection Control Program
999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 04 116 12010
 Test conducted by: Lyan Monson
 Others present: _____

Well Name: <u>Castle Draw 14-10-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>SW/SE</u> Sec: <u>10</u> T <u>9</u> N <u>(S)</u> R <u>17</u> <u>(E)</u> W	County: <u>Duchesne</u>	State: <u>Ut.</u>
Operator: <u>New Field</u>		
Last MIT: <u>1</u> <u>1</u>	Maximum Allowable Pressure: _____	PSIG

Is this a regularly scheduled test? Yes No
 Initial test for permit? Yes No
 Test after well rework? Yes No
 Well injecting during test? Yes No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

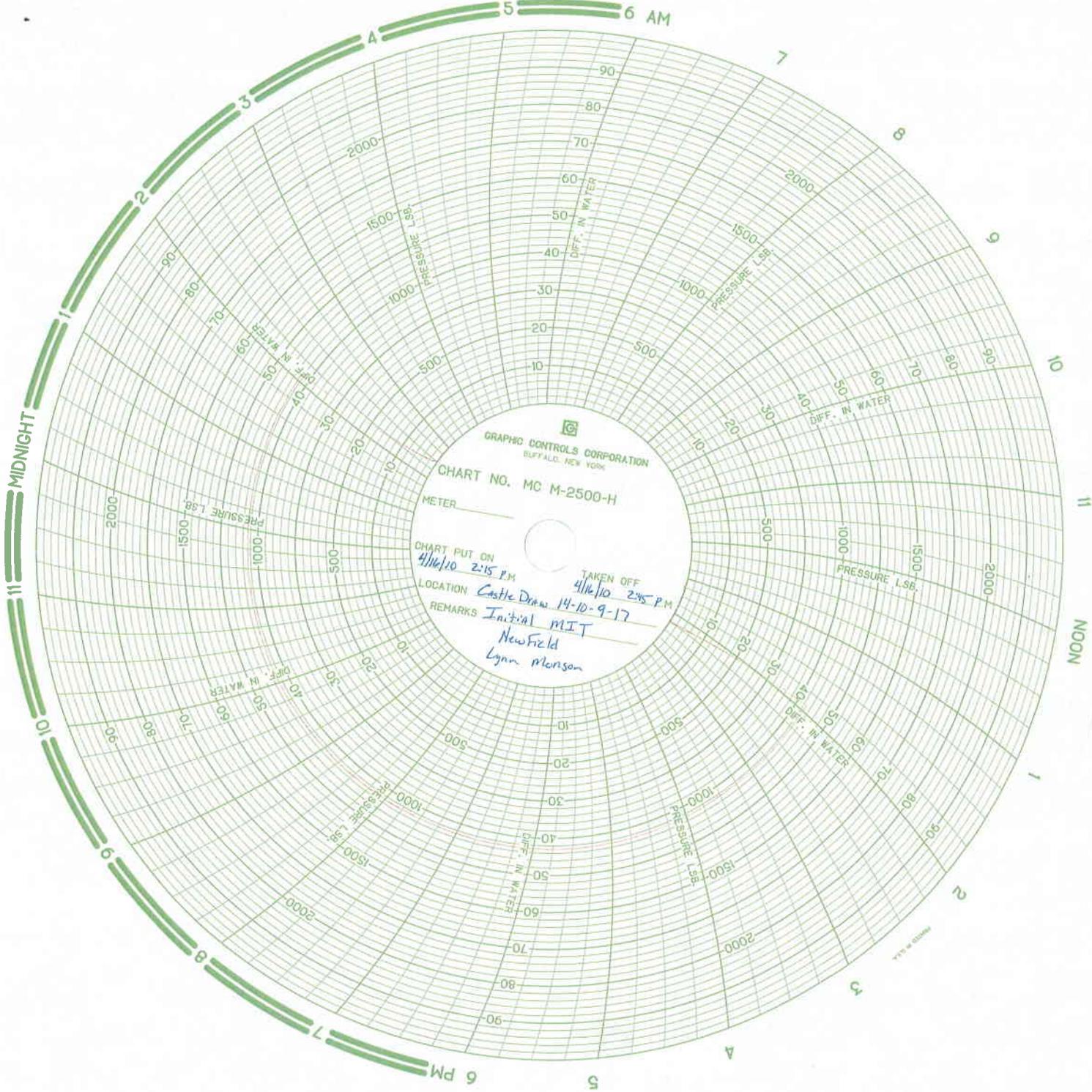
MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>0</u> psig	psig	psig
End of test pressure	<u>0</u> psig	psig	psig
CASING/TUBING ANNULUS PRESSURE			
0 minutes	<u>1070</u> psig	psig	psig
5 minutes	<u>1070</u> psig	psig	psig
10 minutes	<u>1070</u> psig	psig	psig
15 minutes	<u>1070</u> psig	psig	psig
20 minutes	<u>1070</u> psig	psig	psig
25 minutes	<u>1070</u> psig	psig	psig
30 minutes	<u>1070</u> psig	psig	psig
_____ minutes	_____ psig	psig	psig
_____ minutes	_____ psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

Does the annulus pressure build back up after the test? Yes No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: _____



GRAPHIC CONTROLS CORPORATION
BUFFALO, NEW YORK

CHART NO. MC M-2500-H

METER _____

CHART PUT ON 4/16/10 2:15 P.M.

TAKEN OFF 4/16/10 2:45 P.M.

LOCATION Castle Draw 14-10-9-17

REMARKS Initial MIT
NewField
Lynn McInson



Daily Activity Report

Format For Sundry

CASTLE DRAW 14-10-9-17**2/1/2010 To 6/30/2010****4/6/2010 Day: 2****Conversion**

Nabors #809 on 4/6/2010 - TIH & set RBP above perms. Start TOH W/ tbg. Rig broke down. - MU & TIH W/ Weatherford 5 1/2" "TS" RBP & tbg. Set plug @ 4881'. RU HO trk & circ well W/ 110 BW @ 250°F. Isolate well & pressure test casing to 1500 psi. Good test. TOH W/ 108 jts tbg. Rig broke down. - MU & TIH W/ Weatherford 5 1/2" "TS" RBP & tbg. Set plug @ 4881'. RU HO trk & circ well W/ 110 BW @ 250°F. Isolate well & pressure test casing to 1500 psi. Good test. TOH W/ 108 jts tbg. Rig broke down. - MIRU Nabors rig #809. RU HO trk to annulus & pump 60 BW @ 250°F. RU pumping unit & unseat rod pump. Flush tbg & rods W/ 40 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 15 BW. Pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD rod string and pump. Re-flushed rods twice more on TOH. RIH W/ sdline & tag fill @ 5960'. ND wellhead & release TA @ 5767'. NU BOP. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. LD btm 31 jts & BHA. SIFN. - MIRU Nabors rig #809. RU HO trk to annulus & pump 60 BW @ 250°F. RU pumping unit & unseat rod pump. Flush tbg & rods W/ 40 BW @ 250°F. Re-seat pump, soft joint rod string & strip off flow-T. Fill tbg W/ 15 BW. Pressure test tbg to 3000 psi. Retrieve rod string & unseat pump. TOH & LD rod string and pump. Re-flushed rods twice more on TOH. RIH W/ sdline & tag fill @ 5960'. ND wellhead & release TA @ 5767'. NU BOP. TOH & talley production tbg. Break each connection, clean & inspect pins and apply Liquid O-ring to pins. LD btm 31 jts & BHA. SIFN. - Right angle drive thrashed. Expected repairs on Thursday, possibly Friday. - Right angle drive thrashed. Expected repairs on Thursday, possibly Friday.

Daily Cost: \$0**Cumulative Cost:** \$62,919**4/9/2010 Day: 3****Conversion**

Nabors #809 on 4/9/2010 - Ran CBL. Pulled RBP. TIH W/ packer & test injection string. - RU HO trk & circ hole W/ 60 BW @ 250°F. Con't TOH W/ tbg--LD RH. RU Perforators LLC WLT, flange & packoff. Run CBL under pressure f/ 4874' to sfc. Shows decent bond up to 1420', then fell away some. TOC @ 130'. RD WLT. TIH W/ RH & retrieve plug. TOH & LD plug. . MU & TIH W/ new Weatherford 4 1/2" Arrowset 1-X packer (W/ wicker slips & W.L. re-entry guide), new 2 3/8 SN and 152 jts 2 3/8 8rd 4.7# J-55 tbg. Re-torque each connection on TIH. RU HO trk & pump 10 bbls pad. Drop standing valve & pump to SN. Pressure test tbg to 3000 psi. Bled air & re-bumped pressure several times. Leave 3000 psi on tbg overnight.

Daily Cost: \$0**Cumulative Cost:** \$75,938**4/10/2010 Day: 4****Conversion**

Nabors #809 on 4/10/2010 - Tested tbg. Set and tested packer. RDMOSU. - SITP @ 2500 psi. RU HO trk & bump up to 3000 psi. Holds solid for 30 minutes. Retrieve standing valve W/ overshot on sandline. ND BOP & land tbg on flange. Mix 15 gals Multi-Chem C-6031 & 5 gals B-8850 in 70 bbls fresh water. Pump dn annulus @ 90°F. PU on tbg & set pkr W/ SN @ 4888', CE @ 4892' & EOT @ 4895'. Land tbg W/ 15,000# tension. NU wellhead. Pressure test annulus & pkr to 1400 psi. Holds solid for 1 hour. RDMOSU. Well ready for MIT.

Daily Cost: \$0**Cumulative Cost:** \$76,806

4/19/2010 Day: 5**Conversion**

Rigless on 4/19/2010 - MIT on well - On 4/9/2010 Jason Deardorf with the EPA was contacted concerning the initial MIT on the above listed well (Castle Draw 14-10-9-17). On 4/16/2010 the csg was pressured up to 1070 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not an EPA representative available to witness the test. Final Report EPA# UT21229-08347
API# 43-013-30994 **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$77,106

Pertinent Files: Go to File List



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
DENVER, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

APR 29 2010

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

RECEIVED
MAY 06 2010

DIV. OF OIL, GAS & MINING

Mr. Michael Guinn
District Manager
Newfield Production Company
Route 3 – Box 3630
Myton, UT 84052

RE: Underground Injection Control (UIC)
Limited Authorization to Inject
EPA UIC Permit UT21229-08347
Castle Draw 14-10-9-17
SWSE Sec. 10-T9S-R17E
Duchesne County, Utah
API No.: 43-013-30994

Dear Mr. Guinn:

The Environmental Protection Agency Region 8 (EPA) has received Newfield Production Company's (Newfield) April 19, 2010, letter with enclosures. The enclosed Part I (internal) Mechanical Integrity test, Well Rework Record (EPA Form 7520-12), schematic diagram, and calculated pore pressure were reviewed and approved by EPA, satisfactorily completing all Prior to Commencing Injection Requirements for UIC Permit UT21229-08347.

As of the date of this letter, Newfield is authorized to commence injection into the Castle Draw 14-10-9-17 well at a Maximum Allowable Injection Pressure (MAIP) of 1,380 psig for a limited period of 180 days, during which time a Radioactive Tracer Survey (RTS) is required. If Newfield seeks a higher MAIP than 1,380 psig, it may be advantageous to run a step rate test prior to conducting the RTS because a RTS conducted at the higher MAIP will be required. Newfield must receive prior authorization from the Director to inject at pressures greater than the permitted MAIP during any test.

Please remember that it is Newfield's responsibility to be aware of and to comply with all conditions of Permit UT21229-08347.

If you have questions regarding the above action, please call Emmett Schmitz at 303-312-6174 or 1-800-227-8917, ext. 312-6174. The RTS log with interpretation should be mailed to Jason Deardorff at the letterhead address, citing mail code 8P-W-GW.

Sincerely,



for

Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

cc: Uintah & Ouray Business Committee:
Curtis Cesspooch, Chairman
Ronald Groves, Councilman
Irene Cuch, Vice-Chairwoman
Steven Cesspooch, Councilman
Phillip Chimburas, Councilman
Frances Poowegup, Councilwoman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

Ferron Secakuku
Director, Natural Resources
Ute Indian Tribe

Larry Love
Director of Energy & Minerals Dept.
Ute Indian Tribe

Gil Hunt
Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Eric Sundberg, Regulatory Analyst
Newfield Production Company

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-70821

SUNDRY NOTICES AND REPORTS ON WELLS

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
GMBU

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
CASTLE DRAW 14-10

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301330994

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

10. FIELD AND POOL, OR WILDCAT:
GREATER MB UNIT

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 655 FSL 2005 FWL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SWSE, 10, T9S, R17E

STATE: UT

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

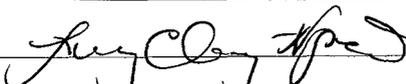
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will <u>05/30/2010</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> 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"/> TEMPORARITLY 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 FLAIR
	<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/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Put on Injection
	<input checked="" 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.

The above reference well was put on injection at 6:30 PM on 05-30-2010.

EPA # UT21229-08347 API # 43-013-30994

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant

SIGNATURE  DATE 06/01/2010

(This space for State use only)

RECEIVED

JUN 07 2010

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

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

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
 Myton, UT 84052

3b. Phone (include are code)
 435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 655 FSL 2005 FWL
 SWSE Section 10 T9S R17E

5. Lease Serial No.
 USA UTU-70821

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or
 GMBU

8. Well Name and No.
 CASTLE DRAW 14-10

9. API Well No.
 4301330994

10. Field and Pool, or Exploratory Area
 GREATER MB UNIT

11. County or Parish, State
 DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, 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	<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 & Abandon	<input type="checkbox"/> Temporarily Abandon	Put on Injection _____
	<input checked="" type="checkbox"/> Convert to Injector	<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.)

The above reference well was put on injection at 6:30 PM on 05-30-2010.

EPA # UT21229-08347 API # 43-013-30994

I hereby certify that the foregoing is true and correct (Printed/ Typed) Lucy Chavez-Naunoto	Title Administrative Assistant
Signature 	Date 06/01/2010

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 and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8

1595 Wynkoop Street
Denver, CO 80202-1129
Phone 800-227-8917
<http://www.epa.gov/region08>

OCT 14 2010

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Michael Guinn
District Manager
Newfield Production Company
Route 3-Box 3630
Myton, UT 84502

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

RE: Underground Injection Control (UIC)
Authorization to Continue Injection
EPA UIC Permit UT21229-08347
Well: Castle Draw 14-10-9-17
SWSE Sec. 10 T9S-R17E
Duchesne County, UT
API No.: 43-013-30994

Dear Mr. Guinn:

The U.S. Environmental Protection Agency (EPA), Region 8, received the results of the September 29, 2010, Radioactive Tracer Survey (RTS) for the Castle Draw 14-10-9-17 well. EPA determined the test demonstrates the presence of adequate cement to prevent the upward migration of injection fluids from the injection zone at the Maximum Allowable Injection Pressure (MAIP) of 1,380 psig.

As of the date of this letter, EPA hereby authorizes continued injection into the Castle Draw 14-10-9-17 well under the terms and conditions of UIC Permit UT21229-08347.

You may apply for a higher MAIP at a later date. Your application should be accompanied by the interpreted results of a Step Rate Test (SRT) that measures the formation parting pressure and determines the fracture gradient at this depth and location. Newfield must receive prior authorization from the Director in order to inject at pressures greater than the permitted MAIP during any test. A current copy of EPA guidelines for running and interpreting SRTs will be sent upon request. Should the SRT result in approval of a higher MAIP, a subsequent RTS conducted at the higher MAIP is required.

RECEIVED

OCT 21 2010

DIV. OF OIL, GAS & MINING

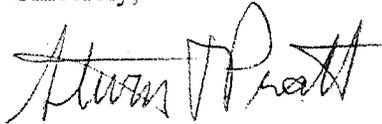
As of this approval, responsibility for permit compliance and enforcement is transferred to EPA's UIC Technical Enforcement Program. Therefore, please direct all monitoring and compliance correspondence to Nathan Wiser at the following address, referencing the well name and UIC Permit number on all correspondence:

Mr. Nathan Wiser
U.S. EPA Region 8: 8ENF-UFO
1595 Wynkoop Street
Denver, CO 80202-1129

Or, you may reach Mr. Wiser by telephone at 303-312-6211, or 1 800-227-8927, ext. 312-6211. Please remember that it is your responsibility to be aware of and to comply with all conditions of injection well Permit UT21229-08347.

If you have questions regarding the above action, please call Tom Aalto at 303-312-6949 or 1-800-227-8917, ext. 312-6949.

Sincerely,



for Stephen S. Tuber
Assistant Regional Administrator
Office of Partnerships and Regulatory Assistance

cc: Uintah & Ouray Business Committee:

- Frances Poowegup, Vice-Chairwoman
- Curtis Cesspooch, Councilman
- Phillip Chimburas, Councilman
- Stewart Pike, Councilman
- Irene Cuch, Councilwoman
- Richard Jenks, Jr., Councilman

Daniel Picard
BIA - Uintah & Ouray Indian Agency

Mike Natchees
Environmental Coordinator
Ute Indian Tribe

Manual Myore
Director of Energy & Minerals Dept.
Ute Indian Tribe

Brad Hill
Acting Associate Director
Utah Division of Oil, Gas, and Mining

Fluid Minerals Engineering Office
BLM - Vernal Office

Eric Sundberg
Regulatory Analyst
Newfield Production Company

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-70821
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well	8. WELL NAME and NUMBER: CASTLE DRAW 14-10	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013309940000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052	PHONE NUMBER: 435 646-4825 Ext	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0655 FSL 2005 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 10 Township: 09.0S Range: 17.0E Meridian: S	COUNTY: DUCHESNE	
	STATE: UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/16/2015 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="5 YR MIT"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
5 YR MIT performed on the above listed well. On 03/16/2015 the casing was pressured up to 1075 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 1550 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-08347		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY March 24, 2015
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 3/17/2015	

Casing or Annulus Pressure Mechanical Integrity Test

U.S. Environmental Protection Agency
 Underground Injection Control Program
 999 18th Street, Suite 500 Denver, CO 80202-2466

EPA Witness: _____ Date: 3 / 16 / 15
 Test conducted by: Jonny Daniels
 Others present: _____

Well Name: <u>Castle Draw 14-10-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>GMBH</u>		
Location: <u>S10/SE</u> Sec: <u>10</u> T <u>9S</u> N/S R <u>17</u> E/W County: <u>Duchesne</u> State: <u>UT</u>		
Operator: <u>NEX</u>		
Last MIT: <u> </u> / <u> </u> / <u> </u>	Maximum Allowable Pressure: <u>1578</u>	PSIG

Is this a regularly scheduled test? Yes [] No
 Initial test for permit? [] Yes [x] No
 Test after well rework? [] Yes [x] No
 Well injecting during test? [] Yes No If Yes, rate: _____ bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1550</u> psig	psig	psig
End of test pressure	<u>1550</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1076</u> psig	psig	psig
5 minutes	<u>1076</u> psig	psig	psig
10 minutes	<u>1075</u> psig	psig	psig
15 minutes	<u>1076</u> psig	psig	psig
20 minutes	<u>1076</u> psig	psig	psig
25 minutes	<u>1076</u> psig	psig	psig
30 minutes	<u>1075</u> psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
RESULT	<input checked="" type="checkbox"/> Pass [] Fail	[] Pass [] Fail	[] Pass [] Fail

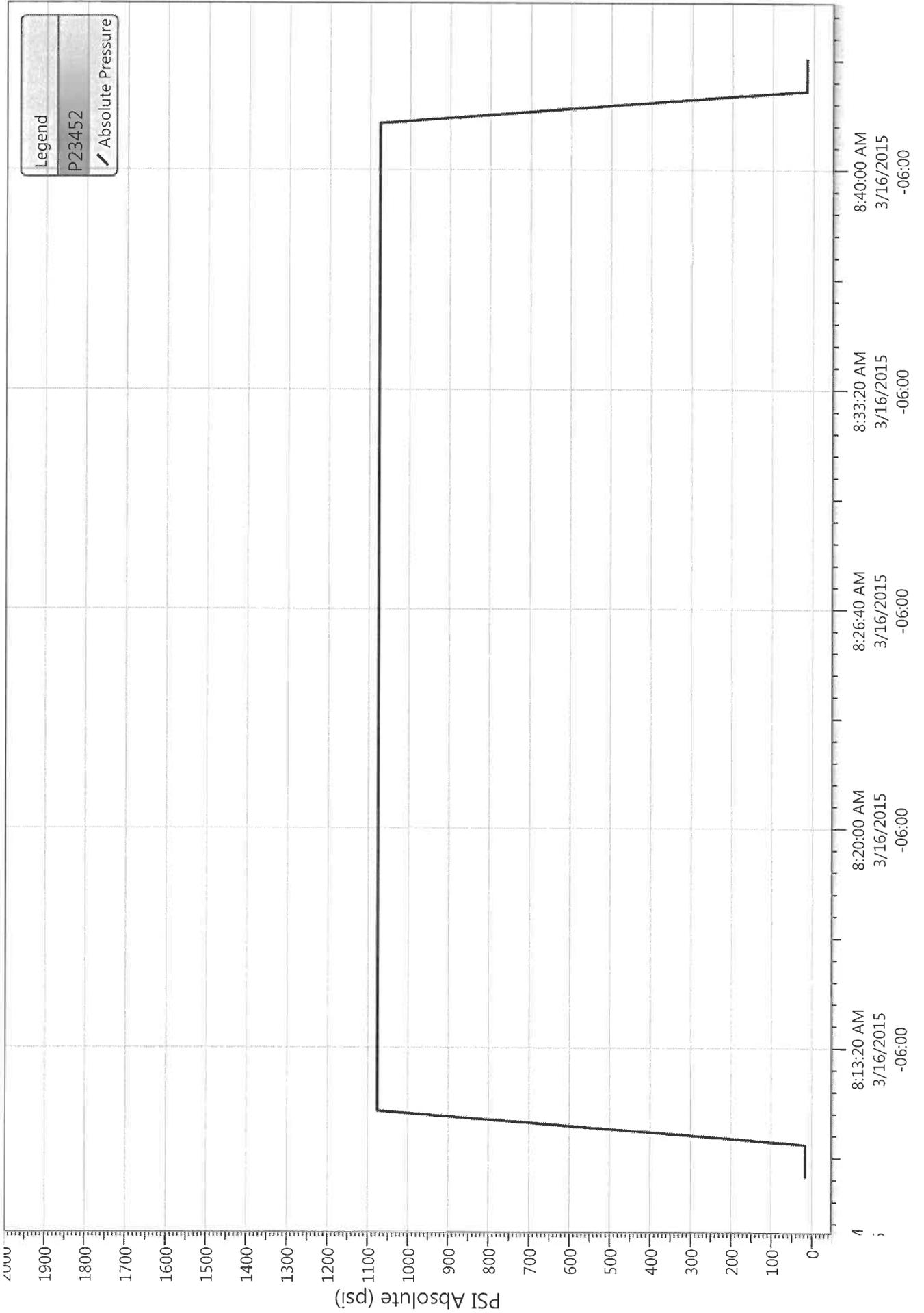
Does the annulus pressure build back up after the test ? [] Yes No

MECHANICAL INTEGRITY PRESSURE TEST

Additional comments for mechanical integrity pressure test, such as volume of fluid added to annulus and bled back at end of test, reason for failing test (casing head leak, tubing leak, other), etc.:

Signature of Witness: Jonny Daniels

Castle Draw 14 10 9 17
3/16/2015 8:09:05 AM



Castle Draw 14-10-9-17

(Formerly Castle Draw 3-N10-X)

Spud Date: 8/31/84
 Production: 10/30/84
 GL: 5191' KB: 5203'

Initial Production: 95 BOPD,
 NO GAS, 20 BWPD

Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: K-55
 WEIGHT: 24#
 LENGTH: 6 jts (291.56')
 DEPTH LANDED: 303.56'
 HOLE SIZE: 12 - 1/4"
 CEMENT DATA: 250 sxs cmt

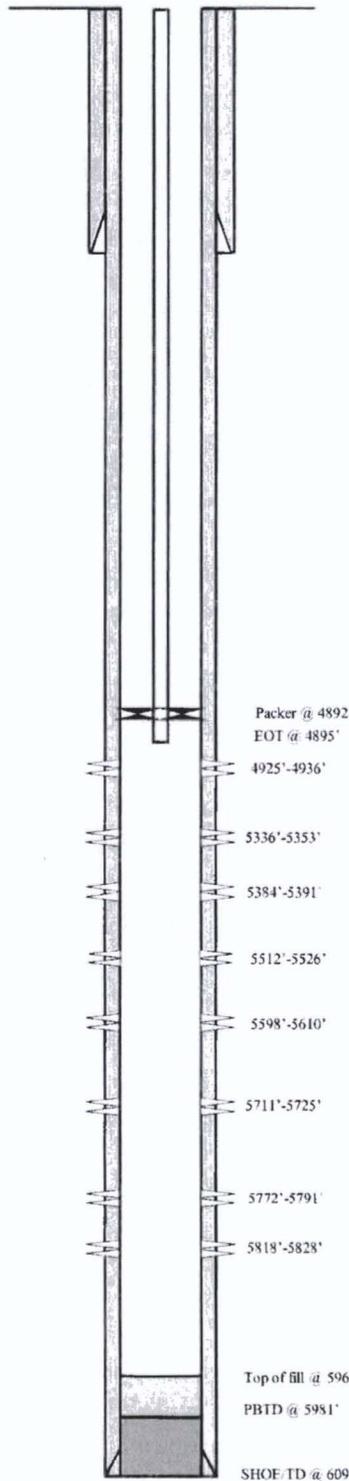
PRODUCTION CASING

CSG SIZE: 4-1/2"
 GRADE: K-55
 WEIGHT: 10.5#
 LENGTH: 140jts. (6084.54')
 DEPTH LANDED: 6096.54'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 1080 sxs cement
 CEMENT TOP AT: 130'

TUBING

SIZE GRADE/WT.: 2 3/8" / J-55 / 4.7#
 NO. OF JOINTS: 152 jts. (4875.7')
 SEATING NIPPLE: 2 3/8" (1.10')
 SN LANDED AT: 4887.7'
 CE @ 4891.66'
 TOTAL STRING LENGTH: EOT @ 4895'

TOC @ 130'



FRAC JOB

5711'-5828'	Frac w/35,500 gal gel, 76,000# 20:40 sand. ISIP 1850 psi
5512'-5610'	Frac w/37,838 gal gel, 71,028# 20:40 sand. ISIP 1700 psi
5336'-5391'	Frac w/42,000 gal gel, 98,000# 20:40 sand. ISIP 1550 psi
4925'-4936'	Frac w/39,160 gal gel, 107,280# 20:40 sand. ISIP 1660 psi
3/04/02	Tubing leak. Update rod and tubing details.
2/11/03	Pump change. Update rod details.
5/07/03	Tubing Leak: Update tubing and rod details.
9/8/04	Tubing Leak. Update tubing & rod details.
4/10/10	Convert to Injection well
4/16/10	MIT Completed - tbg detail updated

PERFORATION RECORD

5818'-5828'	2 SPF	20 holes
5772'-5791'	2 SPF	38 holes
5711'-5725'	2 SPF	28 holes
5598'-5610'	2 SPF	24 holes
5512'-5526'	2 SPF	28 holes
5384'-5391'	2 SPF	14 holes
5336'-5353'	2 SPF	34 holes
4925'-4936'	2 SPF	22 holes

NEWFIELD

Castle Draw #14-10-9-17
 (Formerly Castle Draw 3-N10-X)
 655 FSL & 2005 FWL
 SW/SE Section 10-T9S-R17E
 Duchesne County, Utah
 API #43-013-30994 LEASE: UTU-70821