

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Bond No. B-73310

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 1980' FSL & 1980' FEL (C NW SE)

At proposed prod. zone 1980' FSL & 1980' FEL (C NW SE)

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

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. 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.
 1,867'

19. PROPOSED DEPTH
 6,000'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5,142' GL (Ungraded)

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

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	29.3#	300'	190 sx.
8-3/4"	5-1/2"	15.5#	6,000'	550 sx.

PROPOSED DRILLING PROGRAM:

Drill 12-1/4" hole to 300'. Run and cement 9-5/8" casing. Drill 8-3/4" hole to 6,000'. Log and if productive, run and cement 5-1/2" casing. Complete with 2-3/8" tubing.

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

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

DATE: 8-26-82
 BY: *[Signature]*

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

24. SIGNED *[Signature]* R. G. Ladd, Jr. TITLE District Drilling Supt. DATE 8-17-82

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

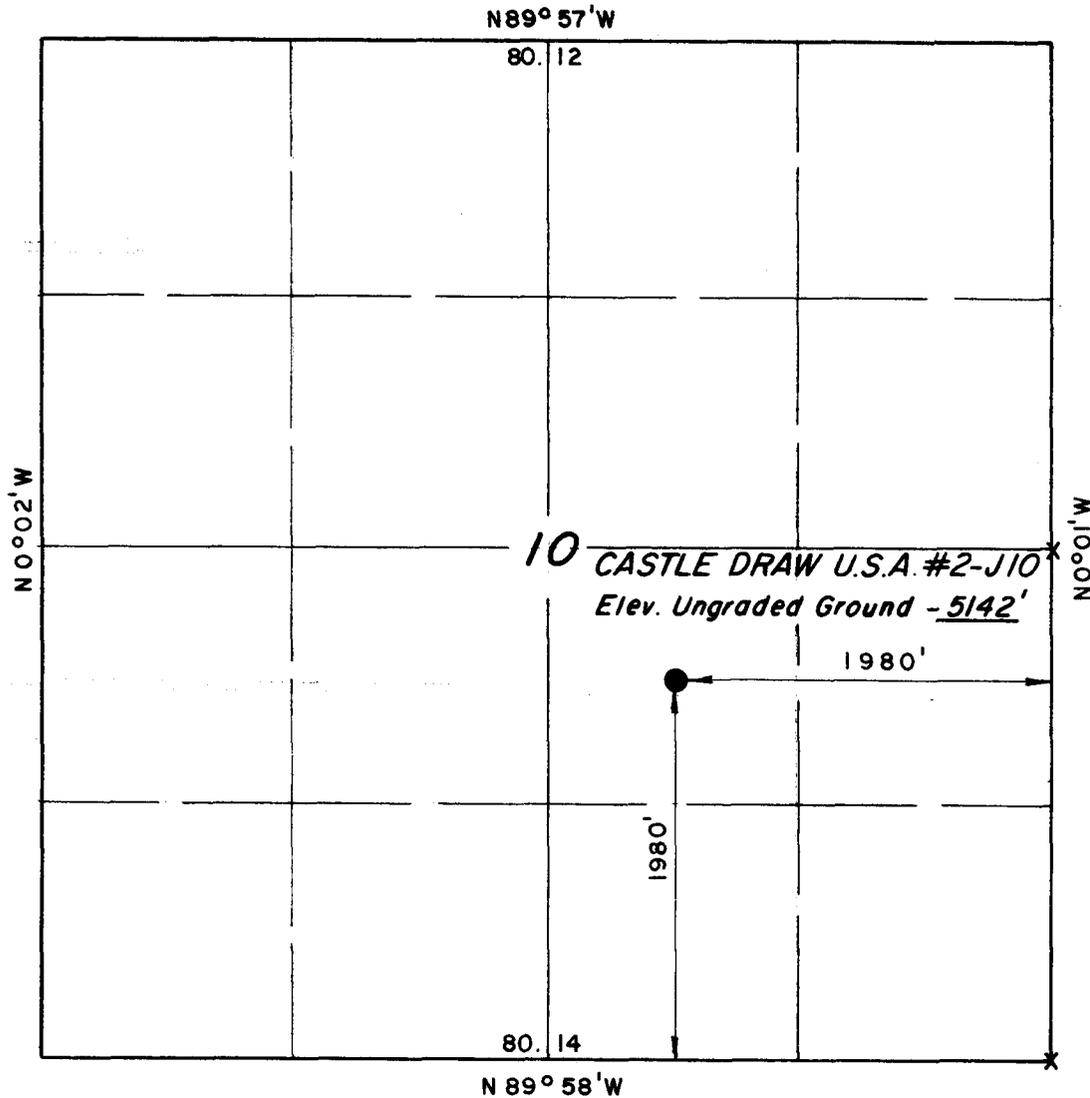
CONDITIONS OF APPROVAL, IF ANY:

T 9 S , R 17 E , S . L . B . & M

PROJECT

UNION OIL COMPANY OF CALIFORNIA

Well location, *CASTLE DRAW U.S.A. #2-J10*, located as shown in the NW 1/4 SE 1/4 Section 10, T9S, R17E, S.L.B.&M. Duchesne County, Utah.



CERTIFICATE

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

Robert L. Kay
REGISTERED LAND SURVEYOR
REGISTRATION NO 5709
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	7/15/82
PARTY	RK BK RP	REFERENCES	GLO Plat
WEATHER	Fair	FILE	UNION OIL CO.

X = Section Corners Located

Identification No. 7-5102-4
MINERALS MANAGEMENT
OIL & GAS OPERATIONS
RECEIVED

SEP 7 1982
SALT LAKE CITY, UTAH

United States Department of the Interior
Minerals Management Service
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104-3884

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Union Oil Company of California
Project Type O.I. Well
Project Location 1950' FSL 1950' FEL Section 10, T.9S, R.17E.
Well No. 2 J-10 Lease No. U-020252
Date Project Submitted August 12, 1982

FIELD INSPECTION

Date September 2, 1982

Field Inspection
Participants

Cres Darlington - MMS Vernal
Larry Stazell - BLM Vernal
Frank S. Messer - Union Oil Company
Jack Skewes - Skewes Construction

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

September 3, 1982
Date Prepared

Cres Darlington
Environmental Scientist

I concur

SEP 07 1982
Date

W. M. [Signature]
District Supervisor
FOR E. W. GUYNN
DISTRICT OIL & GAS SUPERVISOR

Proposed Actions:

Union Oil Company of California plans to drill the Castle Draw 2-J 10 well, a 6000' oil test of the Green River Formation. A new access road of 1500' would be required to reach the location. A pad 165' by 300' and a water pit 100' by 150' are planned for the location.

Recommended Approval Conditions:

The operator agrees to accept and adhere to the following conditions in addition to the plans outlined in the APD:

1. BLM stipulations
2. Lease stipulations
3. Provide adequate logs for the identification of other minerals as requested in the Mineral Evaluation Report and Mining Report.

FIELD NOTES SHEET

Date of Field Inspection: September 2, 1952

Well No.: 2-510 Little Draw

Lease No.: U-020252

Approve Location: 1

Approve Access Road: Should be same as from other Union wells.

Modify Location or Access Road: Expand to back of pad.

Evaluation of Criteria for Categorical Exclusion

1. Public Health and Safety
2. Unique Characteristics
3. Environmentally Controversial Items
4. Uncertain and Unknown Risks
5. Establishes Precedents
6. Cumulatively Significant
7. National Register Historic Places
8. Endangered/Threatened Species
9. Violate Federal, State, Local, or Tribal Laws

If this project is not eligible for Categorical Exclusion circle the numbers of the above criteria requiring the preparation of an EA.

Comments and special conditions of approval discussed at onsite: (include local topography)

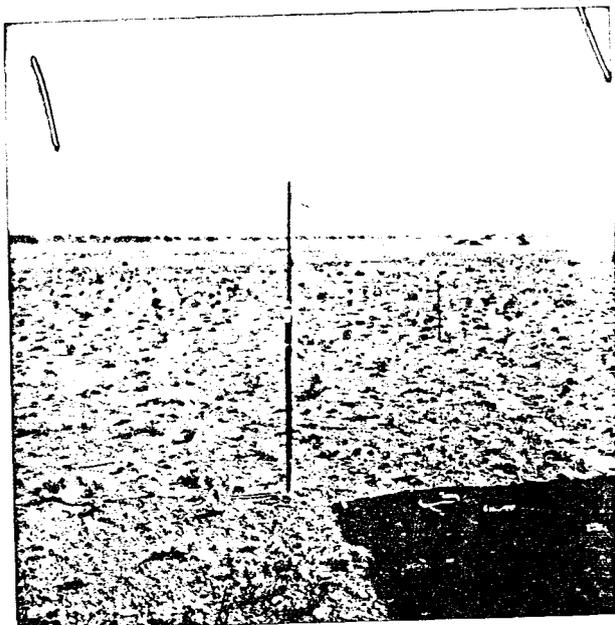
Inventory has been done for the ^{pad} area (10 acres)
1500' of new access from Union Little Draw #1 drilled
in 1955 completed 1968. The distance to 50' graded distance to north
was per section as established. 10A was centered on the pad;
was cleared for such as at least 40' of rock left been done.
230' east end of center take. Good location.

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria	Federal/State Agency			Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Correspondence (date)	Phone check (date)	Meeting (date)						
516 DM 2.3.A									
Public health and safety							1, 2, 4, 6	September 2, 1982	
Unique characteristics							1, 2, 4, 6		
Environmentally controversial							1, 2, 4, 6		
Uncertain and unknown risks							1, 2, 4, 6		
Establishes precedents							1, 2, 4, 6		
Cumulatively significant							1, 2, 4, 6		
National Register historic places							1, 6		
3. Endangered/threatened species							1, 6		
9. Violate Federal, State, local, tribal law							1, 2, 4, 6		

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey
(Conservation Division, Geological Division, Water Resource Division,
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. *Onsite Requirements other than the items 1-7.*



*Northeast View
Union 2J-10*

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Bond No. B-73310

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 MULTIZONE

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 1980' FSL & 1980' FEL (C NW SE)

At proposed prod. zone
1980' FSL & 1980' FEL (C NW SE)

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

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

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1,867'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5,142' GL (Ungraded)

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	29.3#	300'	190 sx.
8-3/4"	5-1/2"	15.5#	6,000'	550 sx.

PROPOSED DRILLING PROGRAM:

Drill 12-1/4" hole to 300'. Run and cement 9-5/8" casing. Drill 8-3/4" hole to 6,000'. Log and if productive, run and cement 5-1/2" casing. Complete with 2-3/8" tubing.

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

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 8-17-82

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY W.P. Matthews FOR E. W. GUYNN DATE SEP 09 1982
CONDITIONS OF APPROVAL, IF ANY: TITLE DISTRICT OIL & GAS SUPERVISOR

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

NOTICE OF APPROVAL

State O & G

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

** FILE NOTATIONS **

DATE: 8-25-82

OPERATOR: Union Oil Co. of Calif

WELL NO: Cattle Draw 2-J10

Location: Sec. ^{NWSE} 10 T. 9S R. 17E County: Rush

File Prepared:

Entered on N.I.D:

Card Indexed:

Completion Sheet:

API Number 43-013-30684

CHECKED BY:

Petroleum Engineer: _____

Director: _____

Administrative Aide: OK

APPROVAL LETTER:

Bond Required:

Survey Plat Required:

Order No. _____

O.K. Rule C-3

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site

Lease Designation

Plotted on Map

Approval Letter Written

Hot Line

P.I.

1/10/82

TOWNSHIP PLAT

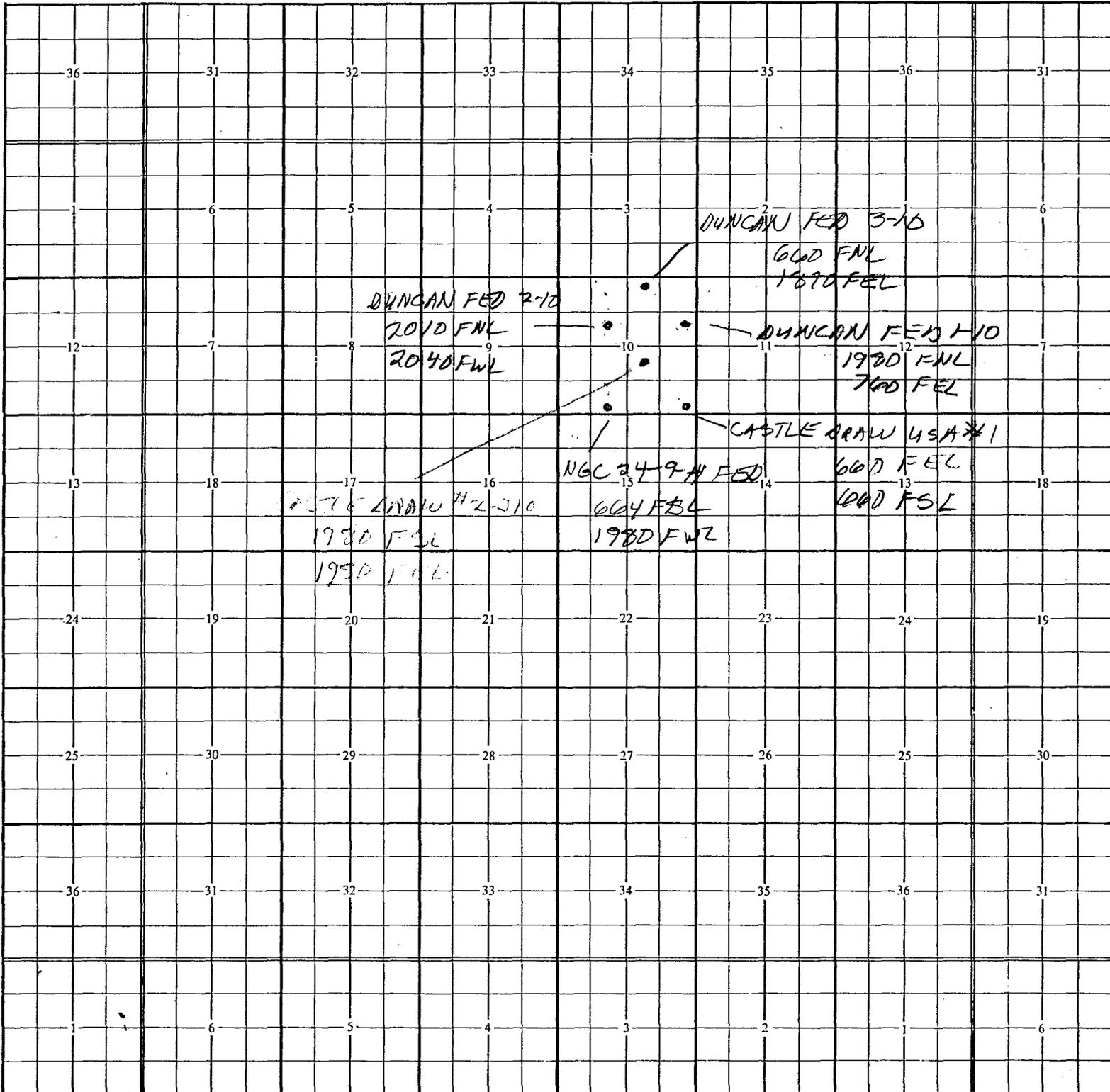
Owner UNION OIL OF CALIF

Date 8-26-82

Township 9S

Range 17E

County DUCHESE



August 26, 1982

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

RE: Well No. Castle Draw 2-J10
NWSE Sec. 10, T. 9S, R. 17E
Duchesne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

RONALD J. FIRTH - Engineer
Office: 533-5771
Home: 571-6068

OR

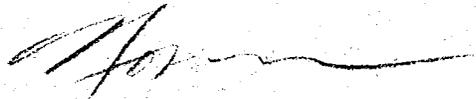
CLEON B. FEIGHT - Director
Office: 533-5771
Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-013-30684.

Sincerely,



Norman C. Stout
Administrative Assistant

NCS/as
cc: Minerals Management Service
Enclosure

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: Union Oil of California

WELL NAME: Castle Draw 2-J10

SECTION NWSE 10 TOWNSHIP 9 S RANGE 17E COUNTY Duchesne

DRILLING CONTRACTOR Westburne

RIG # 65

SPUDDED: DATE 10-31-82

TIME 2:00 PM

How Rotary

DRILLING WILL COMMENCE _____

REPORTED BY Peg Dill

TELEPHONE # 307-234-1563 Ext 182

DATE 11-1-82 SIGNED AS

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-020252 MAP
M
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 Page #2 of 2

The following is a correct report of operations and production (including status of all unplugged wells) for the month of October, 19 82

(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
2-J10	Sec 10 C NW SE	9S	17E	DRG					<p>MIRU rotary rig and spudded 12 1/2" hole at 2:00 p.m., 10-31-82. Drld. to 338'. Circ. TOOH.</p> <p>Ran and cemented 9-5/8" casing at 332' with 188 sx. cement. Displaced with 24.6 bbls. of water. Circulating cmt. to surface.</p>

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil well gas well other

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. See space 17 below.)
AT SURFACE: 1980' FSL & 1980' FEL (C NW SE)
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

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

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

5. LEASE
U-020252

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Castle Draw

9. WELL NO.
2-J10

10. FIELD OR WILDCAT NAME
Monument Butte

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

12. COUNTY OR PARISH | 13. STATE
Duchesne | Utah

14. API NO.
43-013-30684

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5.142' GI (Ungraded)

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

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

MIRU Westburne Drilling Company's rotary rig #65. Spudded 12-1/4" hole at 2:00 p.m., 10-31-82. Drilled to 338'. Circulated. TOOH.

Ran and cemented 7 joints (313.72') of 9-5/8", 32.3#, H-40, 8RD, ST&C, new casing at 331.72' with 188 sacks of cement. Displaced with 24.6 bbls. of water. Circulated cement to surface with 16 sacks to pit. Bumped plug with 1000#. Float held O.K. C.I.P. and J.C. at 6:30 a.m., 11-1-82. W.O.C.

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

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

SIGNED R. G. Ladd, Jr. TITLE District Drilling Superintendent DATE 11-1-82

(This space for Federal or State office use)

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

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

OMB 42-R0356

MONTHLY REPORT
 OF
 OPERATIONS
 (Continued)

Lease No. U-020252

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 *page 2 of 2*

The following is a correct report of operations and production (including status of all unplugged wells) for the month of November, 19 82

(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
2-J10	Sec 10 C NW SE	9S	17E	Completing					<p>Tested BOP stack and casing to 1000#/15 mins., O.K. Drilled to 6108' TD on 11-10-82. Circ. TOO. Ran FDC-CNL w/GR & Caliper, DLL-MSFL w/GR, and Cyberlook. Circ. TOO. Ran and cement 5-1/2" csg. at 6108' with 916 sacks of cement. Preceded cement with 1000 gals. of mud flush followed by 10 BW and 10 bbls. of viscous fluid. Displaced with 144-1/2 bbls. of water. Maximum PDP 1600 psi. Did not bump plug. Float held O.K. J.C. & CIP at 1:00 a.m. on 11-12-82. Released rig at 12:00 noon on 11-12-82. W.O.C.U.</p> <p>MIRU well service unit on 11-29-82. TIH: Washed to 6066' ETD and circ. hole w/2% KCl water. POOH.</p>

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil well gas well other

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. See space 17 below.)
AT SURFACE: 1980' FSL & 1980' FEL (C NW SE)
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH: Straight Hole

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

5. LEASE
U-020252

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Castle Draw

9. WELL NO.
2-J10

10. FIELD OR WILDCAT NAME
Monument Butte

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

12. COUNTY OR PARISH | 13. STATE
Duchesne | Utah

14. API NO.
43-013-30684

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5,142' GL (Ungraded)

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE

CHANGE ZONES

ABANDON*

(other) SUPPLEMENTARY WELL HISTORY

SUBSEQUENT REPORT OF:

RECEIVED
NOV 23 1982

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

DIVISION OF
OIL, GAS & MINING

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.)*

Tested BOP stack and casing to 1000#/15 mins., O.K. Drilled to 6,108' T.D. on 11-10-82. Circulated. TOOH. Ran FDC-CNL w/GR & Caliper, DLL-MSFL w/GR, and Cyberlook. Circulated hole. TOOH laying down D.P. & D.C's. Rigged up casing crew.

Ran and cemented 145 joints and 1 piece (6,091.78') of 5-1/2", 17# & 15.5#, J-55, 8RD, ST&C, new casing at 6,108' (float collar at 6,066') with 916 sx. of cement. Preceded cement with 1,000 gallons of mud flush, followed by 10 bbls. of water and 10 bbls. of viscous fluid. Displaced with 144-1/2 bbls. water. Max. PDP 1,600 psi. Did not bump plug. Float held O.K. J.C. & CIP at 1:00 a.m., 11-12-82. Released rig at 12:00 noon on 11-12-82. WOCU.

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

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

SIGNED R. G. Ladd, Jr. TITLE District Drilling Superintendent DATE 11-16-82

(This space for Federal or State office use)

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil well gas well other

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. See space 17 below.)
AT SURFACE: 1980' FSL & 1980' FEL (C NW SE)
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH: Straight Hole

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

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

5. LEASE
U-020252

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Castle Draw

9. WELL NO.
2-J10

10. FIELD OR WILDCAT NAME
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. API NO.
43-013-30684

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5142' GL (Ungraded)

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

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

6108' T.D.

MIRU completion unit on 11-29-82. N.U. tubing head. TIH with 4-5/8" bit on 2-3/8" tubing. Tagged fill at 6055'. Washed to 6066' ETD and circulated hole with 2% KCl water. POOH.

Perforated Green River sand (1st zone) from 5882-5890' with two 4" casing gun shots/ft.; and 5723', 5725', 5727', 5730', 5736', and 5738' with one shot at each foot. Sandfraced Green River perforations, 5723-5890', with 12,000 gals. of Versagel-HT 1500, 28,000 gallons of Versagel-HT 1400, and 99,000# of 20-40 sand at AIR of 33 bpm at AIP of 2650#. Flushed with 5700 gals. of 2% KCl at 2190# at 33 bpm with final pressure of 2660# at 32.2 bpm. ISIP 1850#. 1780# in 5 mins. 1750# in 15 mins. (Continued on Attached Sheet)

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

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

SIGNED R. G. Ladd, Jr. TITLE District Drilling Superintendent DATE 12-15-82

(This space for Federal or State office use)

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

Union Oil Company of California
Castle Draw Well No. 2-J10
Duchesne County, Utah
12-15-82
Page 2

Flowed Green River perforations, 5723-5890'. Recovered 477 bbls. of 1207 bbl. load. TIH with bridge plug and packer straddle assembly on 2-3/8" tubing. Set retrievable bridge plug at 5925'. Pulled up and reverse circulated with 109 bbls. of 2% KCl water. Set packer at 5670'. SDON.

Swabbed 54 bbls. of fluid with trace of oil/5 hours. F.L. surface to 5500'. No gas show. SION.

SITP 125#/13 hours. TIH with swab and swab set down at 1000' in thick oil. Dumped 5 gallons of diesel down tubing and could not work through. Pumped 15 bbls. of hot KCl water down tubing and S.D. for 1/4 hour. Swabbed 31-1/2 bbls. fluid cut 50% oil with good gas show. F.L. 1000-4700'. Have recovered 572-1/2 bbls. of 1207 bbl. load. Released packer and ran to 5924' (top of bridge plug). Reverse circulated 50 bbls. of water. Latched onto bridge plug. Pulled up and set bridge plug at 5670'. P.U. one joint. Circulated 50 bbls. of KCl water. POOH with tubing and packer. SDON.

Perforated Green River sandstone (2nd zone) with 4" casing gun from 5617-5623', 5474-5477', 5413-5420', 5396-5400', and 5352-5364' with 2 spf. Sandfraced perforations, 5352-5623', with 14,000 gallons of Versagel-HT 1500, 38,000 gallons of Versagel-HT 1400, 141,500# of 20-40 sand, and 5,340 gallons of 2% KCl flush at AIR of 33.4 bpm at AIP of 1600#. Flushed at 1210# at 33.6 bpm. ISIP 1440#. 1330#/5 mins. 1280#/10 mins. 1250#/20 mins. Shut in well for five hours.

SITP 1050#/5 hours. Flowed perforations, 5352-5623'. Recovered 303 bbls. of 1448 bbl. load. TIH with bridge plug retrieving tool and packer on 2-3/8" tubing. Reverse circulated with 95 bbls. of 2% KCl water. Set packer at 5291'. Swabbed 70 bbls. of fluid/1-1/2 hours with well kicking (cut 25% oil). F.L. surface to 1600'. Have recovered 456 bbls. of 1448 bbl. load plus 17 bbls. of oil. Released packer and tagged sand at 5480' (192' fill). Pulled up 10 stands and SDON.

SITP 100#/12 hours. Bled T.P. to zero with trace of fluid to surface. Reverse circulated tubing with 30 bbls. of 2% KCl water. Ran in and tagged sand fill at 5480'. Reversed sand from 5480-5672' (top of bridge plug) with 300 bbls. of KCl water. Retrieved bridge plug, pulled up, and set at 5252'. Pulled packer to 5220' and pressure tested bridge plug to 3000#. POOH with tubing, packer, and retrieving tool.

Perforated Green River (3rd zone) from 5114-5140' with 4" casing jet with 2 spf. Sandfraced perforations, 5114-5140', with 14,000 gallons of Versagel-HT 1500, followed by 19,110 gallons of Versagel-HT 1400 with 48,000# of 20-40 sand at 1-4#/gallon concentration as follows: Pressured to 3200#.

Union Oil Company of California
Castle Draw Well No. 2-J10
Duchesne County, Utah
12-15-82
Page 3

FBD to 2700# at 11.6 bpm. Pumped 14,000 gallons pad at 11.6 to 32 bpm at 2700-3020#. Pumped 4000 gallons with 1#/gallon sand at 32.4 bpm at 3020#. Pumped 5000 gallons with 2#/gallon sand at 32.3 bpm at 2940#. Pumped 6000 gallons w/3#/gallon sand at 31.2 bpm at 2790#. Pumped 4110 gallons w/4# per gallon sand at 32.3 bpm at 3000#, increasing sharply to 3550#, then pumped 1190 bbls. flush at 32.3 to 2 bpm at 3550-4000#. S.D. w/ISDP 4000 psi. Flowed well to pit/12 mins. (est. 55 bbls.). Flushed casing with 5100 gallons of 2% KCl water at 1/2 bpm at 4000 psi. ISDP 3990#. 3640#/5 mins. 3600#/10 mins. 1450#/4-1/2 hours. Total load 974 bbls. of water. Flowed 112 bbls. load/13 hours on 6/48" choke at 1450# to 0# FTP. Recovered 112 of 974 bbls. of load.

TIH with retrieving tool, packer, and 2-3/8" tubing. Circulated with 95 bbls. of 2% KCl water and set packer at 5070'. Pressure tested above packer with 1500#, O.K. Swabbed 36-1/2 bbls. load water/15 hours. F.L. 0-4800'. No oil show. Swabbed at 0.66 bph rate the last 12 hours with F.L. steady at 4800'. Recovered 148 of 974 bbls. load from 3rd zone.

Released packer. Washed sand to bridge plug at 5250'. Latched onto bridge plug, pulled up, and set at 5060'. Pressure tested above bridge plug to 3000#, O.K. POOH with tubing, packer, and retrievable head.

Perforated Green River (4th zone) from 4966-4974' with 2 spf with 4" casing gun. Sandfraced Green River sand perforations, 4966-4974' with 9000 gallons of Versagel-HT 1500, 25,670 gallons of Versagel-HT 1400, and 95,500# of 20-40 sand at AIR of 35 bpm at AIP of 2300#. (Maximum rate 37 bpm.) Pumped 5500 gallons of 2% KCl flush at 2310# at 36.5 bpm. Final treating pressure 2880# at 36.6 bpm. ISIP 2170#. 5 mins/1860#. 10 mins. at 1790#. 15 mins/1770#.

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-020252
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 Page #2 Of 5

The following is a correct report of operations and production (including status of all unplugged wells) for the month of December, 19 82

(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
2-J10	Sec 10 C NW SE	9S	17E	Waiting on Test					6108' T.D. Perfed Green River sand (1st zone) from 5882-5890' with two 4" csg. gun spf; and 5723', 5725', 5727', 5730', 5736', and 5738' w/one spf. Sandfraced perfs, 5723-5890', with 12,000 gals. of Versagel-HT 1500, 28,000 gals. of Versagel-HT 1400, and 99,000# of 20-40 sand at AIR of 33 bpm at AIP of 2650#. ISIP 1850#. 1780#/5 mins. 1750#/15 mins. Flowed 1st zone perfs. Swbd. Perfed Green River sandstone (2nd zone) w/4" csg. gun from 5617-5623', 5474-5477', 5413-5420', 5396-5400', and 5352-5364' w/2 spf. Sandfraced perfs, 5352-5623', with 14,000 gals. of Versagel-HT 1500, 38,000 gals. of Versagel-HT 1400, (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-020252

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 Page #3 Of 5

The following is a correct report of operations and production (including status of all unplugged wells) for the month of December, 19 82

(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
2-J10	Sec 10 C NW SE	9S	17E	Waiting on Test					<p>141,500# of 20-40 sand, and 5,340 gals. of 2% KCl flush at AIR of 33.4 bpm at AIP of 1600#. ISIP 1440#. 1330#/5 mins. 1250#/20 mins. Flowed 2nd zone perfs. Swbd.</p> <p>Perfed Green River (3rd zone) from 5114-5140' w/4" csg. jet w/2 spf. Sandfraced perfs, 5114-5140', with 14,000 gals. of Versagel-HT 1500, followed by 19,110 gals. of Versagel-HT 1400 w/48,000# 20-40 sand at 11.6-32.4-31.2-32.3-2 bpm @ 2700-3020-2790-4000 psi. ISDP 3990#. 3640#/5 mins. 3580#/15 mins. 1450#/4½ hrs. Flowed 3rd zone perfs. Swbd.</p> <p>Perfed Green River (4th zone) from 4966-4974' w/4" csg. gun w/2 spf. Sandfraced perfs, 4966-4974', with (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-020252
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 Page #4 of 5

The following is a correct report of operations and production (including status of all unplugged wells) for the month of December, 19 82

(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
2-J10	Sec 10 C NW SE	9S	17E	Waiting on Test					<p>9,000 gals. of Versagel-HT 1500, 25,670 gals. of Versagel-HT 1400, and 108,000# 20-40 sand at AIR of 35 bpm at AIP of 2300#. ISIP 2170# 1860#/5 mins. 1770#/15 mins. Flowed 4th zone perfs.</p> <p>Perfed Green River (5th zone) from 4559-4573' w/4" csg. jet w/2 spf. Sandfraced perfs 4559-4573' with 11,000 gals. of Versagel-HT 1500, 32,000 gals. of Versagel-HT 1400, 108,000# of 20-40 sand and 32,000# of 10-20 sand at average rate of 37.6 bpm & average pressure of 2000#. ISIP 2000#. 1980#/5 mins. 1890#/10 mins. 1850#/15 mins. Flowed 5th zone perfs.</p> <p>TIH w/B.P. ret. tool. Washed sand fill with (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-020252

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 Page #5 of 5

The following is a correct report of operations and production (including status of all unplugged wells) for the month of December, 19 82

(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
2-J10	Sec. 10 C NW SE	9S	17E	Waiting on Test					reverse circulation from 4635' to B.P. @ 4903'. Latched onto B.P. and POOH. TIH w/notched collar on 2-3/8" tbg. to sand fill at 5936'. Reverse circulated with well kicking oil and gas for 35 bbls., then dead while circulating with additional 15 bbls. of 2% KCl water. Reverse circulated and cleaned out sand to ETD of 6066'. POOH with 2-3/8" tbg. and notched collar. Ran and landed 2-3/8" tubing at 4538'. Turned to production on 12-20-82. Recovering load.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

RECEIVED

JAN 17 1983

DIVISION OF
OIL, GAS & MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Castle Draw Well No. 2-J10

Operator UNION OIL COMPANY OF CALIFORNIA Address P. O. Box 2620-Casper, WY 82602

Contractor Westburne Drilling Co. Address P. O. Box 1489-Casper, WY 82602

Location NW 1/4 SE 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.	NO KNOWN WATER SANDS ENCOUNTERED.		
2.			
3.			
4.			
5.			

(Continue of reverse side if necessary)

Formation Tops Uinta - Surface; Green River - 1,314'; Parachute Crk. mb - 2,278'; Garden Gulch mb - 3,710'; Douglas Crk. mb - 4,478'; Wasatch - 5,894'

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.

Union Oil Company of California
 Castle Draw Well No. 2-J10
 Duchesne County, Utah
 1-13-83
 Page 2

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

1st Zone

5882-5890' - Green River Formation - 4" csg. gun - 2 spf

5723', 5725', 5727', 5730', 5736', & 5738' - Green River Formation - 4" csg. gun - 1 spf

2nd Zone

5617-5623', 5474-5477', 5413-5420', 5396-5400', & 5352-5364' - Green River Formation - 4" csg. gun - 2 spf

3rd Zone

5114-5140' - Green River Formation - 4" csg. gun - 2 spf

4th Zone

4966-4974' - Green River - 4" csg. gun - 2 spf

5th Zone

4559-4573' - Green River - 4" csg. gun - 2 spf

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

<u>Depth Interval</u>	<u>Amount and Kind of Material Used</u>
5723-5890'	12,000 gals. of Versagel-HT 1500, 28,000 gals. of Versagel-HT 1400, and 99,000# of 20-40 sand
5352-5623'	14,000 gals. of Versagel-HT 1500, 38,000 gals. of Versagel-HT 1400, and 141,500# of 20-40 sand
5114-5140'	14,000 gals. of Versagel-HT 1500, 19,110 gals. of Versagel-HT 1400, and 48,000# of 20-40 sand
4966-4974'	9,000 gals. of Versagel-HT 1500, 25,670 gals. of Versagel-HT 1400, and 108,000# of 20-40 sand
4559-4573'	11,000 gals. of Versagel-HT 1500, 32,000 gals. of Versagel-HT 1400, 108,000# of 20-40 sand, and 32,000# of 10-20 sand

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

U-020252

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Castle Draw

9. WELL NO.

2-J10

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.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

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

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

2. NAME OF OPERATOR
Union Oil Company of California

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

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

At surface 1980' FSL & 1980' FEL (C NW SE)

At top prod. interval reported below
Straight Hole

At total depth
Straight Hole

14. PERMIT NO. 43-013-30684
15. DATE ISSUED 8-16-82
16. COUNTY OR PARISH Duchesne
17. STATE Utah

15. DATE SPUDDED 10-31-82
16. DATE T.D. REACHED 11-10-82
17. DATE COMPL. (Ready to prod.) 12-20-82
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 5,142' GL (Ungraded)
19. ELEV. CASINGHEAD 5,143'

20. TOTAL DEPTH, MD & TVD 6,108'
21. PLUG, BACK T.D., MD & TVD 6,066' ETD
22. IF MULTIPLE COMPL., HOW MANY*
23. INTERVALS DRILLED BY
24. ROTARY TOOLS 0 - T.D.
25. CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
4,559-5,890' - Green River Formation
25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN
FDC-CNL w/GR & Caliper, DIL-MSEL w/GR, and Cyberlook
27. WAS WELL CORED No

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	32.3#	332'	12-1/4"	188 sx.	---
5-1/2"	17# & 15.5#	6,108'	8-3/4"	916 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"	4,538'	---

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
(SEE ATTACHED SHEET)				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
				(SEE ATTACHED SHEET)	

33.* PRODUCTION
DATE FIRST PRODUCTION 12-23-82
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
1-5-83	24	---	→	103	---	0	N.A.
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
---	---	→	103	---	0	37°	

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

35. LIST OF ATTACHMENTS

Page 2

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 1-13-83

INSTRUCTIONS

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

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

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

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

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

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

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

NOTE: Blowout preventers tested daily in accordance with Union Oil Company policy and reported by drilling contractor on tour sheets.

37. SUMMARY OF POROUS ZONES:

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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Uinta Fm.	Surface	1,314'	Sandstone Beds - Contents Unknown
Green River Fm.	1,314'	5,894'	Sandstone and Limestone Beds - Contents Oil
			NO DST'S

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Uinta Fm.	Surface	
Green River Fm.	1,314'	
Parachute Crk. mb	2,278'	
Garden Gulch mb	3,710'	("H" mkr.)
Douglas Crk. mb	4,478'	
Wasatch Fm.	5,894'	

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil well gas well other

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. See space 17 below.)
AT SURFACE: 1980' FSL & 1980' FEL (C NW SE)
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH: Straight Hole

5. LEASE
U-020252

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Castle Draw

9. WELL NO.
2-J10

10. FIELD OR WILDCAT NAME
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. API NO.
43-013-30684

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5,142' GL (Ungraded)

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

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

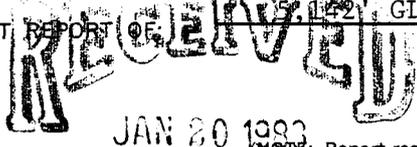
MULTIPLE COMPLETE

CHANGE ZONES

ABANDON*

(other) SUPPLEMENTARY WELL HISTORY

SUBSEQUENT REPORT OF:



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

DIVISION OF
OIL, GAS & MINING

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.)*

6108' T.D. ; 6066' PBD

SICP 1500 psi/6 hours. Flowed back 349 bbls. of 1075 BWL. TIH with tubing to sand fill at 4980'. Reversed sand to B.P. at 5060'. Latched onto B.P. Pulled up and set B.P. at 4895'. Tested to 3000 psi, O.K. POOH with tubing. Perforated Green River formation (5th zone) from 4,559-4,573' with 2 spf with 4" casing jet with 0.45" holes.

Sandfraced Green River sandstone perforations (5th zone), 4,559-4,573' with 11,000 gallons of Versagel-HT 1500, 32,000 gallons of Versagel-HT 1400, 108,000# of 20-40 sand, and 32,000# of 10-20 sand, at average rate of 37.6 bpm and average pressure of 2000 psi. Flushed with 4,550 gallons of 2% KCl (CONTINUED ON ATTACHED SHEET)

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

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

SIGNED R. G. Ladd, Jr. TITLE District Drilling Superintendent DATE 1-5-83

(This space for Federal or State office use)

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

Union Oil Company of California
Castle Draw Well No. 2-J10
Duchesne County, Utah
1-5-83
Page 2

at 2140 psi at 40 bpm. ISIP 2000 psi. 1980 psi/5 mins. 1890 psi/10 mins. 1850 psi/15 mins. Total load to recover - 1240 bbls. water. Flowed back 314 bbls. of 1240 BWL.

TIH with bridge plug retrieving tool on 2-3/8" tubing. Washed sand fill with reverse circulation from 4,635' to bridge plug at 4,903' (268'). Latched onto bridge plug and POOH. TIH with notched collar on 2-3/8" tubing to sand fill at 5,936'. Reverse circulated with well kicking oil and gas for 35 bbls., then dead while circulating with additional 15 bbls. of 2% KCl water. Reverse circulated and cleaned out sand to ETD of 6,066'. POOH with 2-3/8" tubing and notched collar.

Ran and landed 2-3/8" tubing at 4,538.14' with seating nipple, perf sub, and top bull plug. Turned to production on 12-20-82. Recovering load. Have recovered 2,835 bbls. of 5,944 BWL.

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-020253

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

Page 2 of 2

The following is a correct report of operations and production (including status of all unplugged wells) for the month of January, 19 83

(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
2-J10	Sec 10 C NW SE	9S	17E	POW					6108' T.D. Pump tested. I.P. (1-5-83) - Pumped 103 BO + 0 BW in 24 hours.
									Electric Log Tops and Date Reached:
									11-2-82: 1314'-Green River Fm.
									11-3-82: 2278'-Parachute Creek mb
									11-5-82: 3710'-Garden Gulch mb "H" marker
									11-6-82: 4478'-Douglas Creek mb
									11-9-82: 5894'-Wasatch Fm.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil well gas well other

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. See space 17 below.)
AT SURFACE: 1980' FSL & 1980' FEL (C NW SE)
AT TOP PROD. INTERVAL: Straight Hole
AT TOTAL DEPTH: Straight Hole

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

5. LEASE
U-020252

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Castle Draw

9. WELL NO.
2-J10

10. FIELD OR WILDCAT NAME
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. API NO.
43-013-30684

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5,142' GL (Ungraded)

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

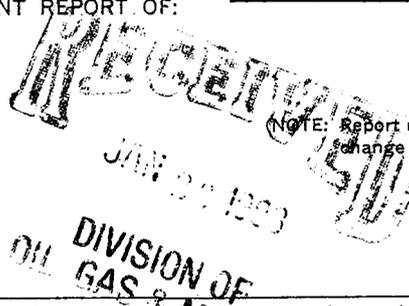
MULTIPLE COMPLETE

CHANGE ZONES

ABANDON*

(other) I.P. NOTICE

SUBSEQUENT REPORT OF:



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

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

6108' T.D.; 6066' PBD

Ran pump and rods. Pump tested.

I.P. (1-5-83) - Pumped 103 BO + 0 BW in 24 hours.

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

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

SIGNED R. G. Ladd, Jr. TITLE District Drilling Superintendent DATE 1-13-83

(This space for Federal or State office use)

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil well gas well other

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. See space 17 below.)
AT SURFACE: 1980' FSL & 1980' FEL (C NW SE)
AT TOP PROD. INTERVAL: Straight Hole
AT TOTAL DEPTH: Straight Hole

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

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) Cement Squeeze Water Bearing Zone		

5. LEASE
U-020252

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Castle Draw

9. WELL NO.
2-J10

10. FIELD OR WILDCAT NAME
Monument Butte

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

12. COUNTY OR PARISH | 13. STATE
Duchesne | Utah

14. API NO.
43-013-30684

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5142' GL (Ungraded)

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

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

6108' T.D.; 6066' PBD
9-5/8" @ 332'
5-1/2" @ 6108'
Perfs: (Green River) - 4559-4573', 4966-4974', 5114-5140', 5617-5623', 5474-5477', 5413-5420', 5396-5400', 5352-5364', 5723', 5725', 5727', 5730', 5736', 5738', and 5882-5890'

Drilled in 1982.

Purpose: To find and cement squeeze water bearing zone in order to increase production.

PROPOSED PLAN OF PROCEDURE:
1. MIRU pulling unit.

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

(CONTINUED ON ATTACHED SHEET)
Subsurface Safety Valve: Manu. and Type _____ DATE _____ Ft.
BY: _____

18. I hereby certify that the foregoing is true and correct
SIGNED R. G. Ladd, Jr. TITLE District Drilling Superintendent DATE 4-26-83

(This space for Federal or State office use)

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

Note: Received verbal approval from E. W. Guynn, BLM O&G, on 4-26-83.

Castle Draw Well No. 2-J10
Duchesne Co., Utah
4-26-83
Pg. 2

2. Remove well head and install BOP's.
3. POOH with rods and tubing.
4. GIH with retrievable bridge plug and treating packer.
5. Set bridge plug at 4700'. Set packer at 4500'. Swab test zone at 4559-4573' (most likely water productive zone.)
6. If zone swabs water, spot 2 sacks of sand on bridge plug. POOH.
7. GIH with cement retainer. Set at +4600'. Squeeze 4559-4573' with 100 sacks of cement. POOH. Proceed to Step No. 12.
8. If interval 4700-4500' swabs dry or is oil productive, set bridge plug at 5200' and packer at 4900' and test zones at 4966-4974' and 5114-5140'.
9. If interval 5200-4900' tests water, isolate 5114-5140' and test. If this zone swabs water, squeeze with 100 sacks of cement. If zone 5114-5140' swabs dry or is oil productive, isolate 4966-4974' and squeeze with 100 sacks of cement. Proceed to Step No. 12.
10. If second interval 5200-4900' is not water productive, set bridge plug at 5550' and packer at 5300' and test zones at 5352-5364', 5396-5400', 5413-5420', and 5474-5477'. If interval 5550-5300' tests water, isolate each zone individually and test. If water productive, squeeze with 100 sacks of cement. Proceed to Step No. 12.
11. If third interval 5550-5300' is non-water productive, set bridge plug at 5950' and packer at 5550' and test zones 5882-5890', 5723-5738', and 5617-5623'. If interval 5950-5550' tests water, isolate each zone individually and test. If water productive, squeeze with 100 sacks of cement. Proceed to Step No. 12.
12. GIH with 4-3/4" bit and drill out to bridge plug. POOH.
13. GIH with treating packer and test squeeze interval to 1000 psig. POOH with bridge plug.
14. GIH with tubing and rods. Set anchor at 4400' with OET at 5800'.
15. Place well on production.

NOTE: There will be no surface disturbance during operations.

Received verbal approval of above procedure from E. W. Guynn, District Oil & Gas Supervisor, Bureau of Land Management-Oil & Gas Operations, Salt Lake City, Utah, on April 26, 1983.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil well gas well other

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. See space 17 below.)
AT SURFACE: 1980' FSL & 1980' FEL (C NW SE)
AT TOP PROD. INTERVAL: Straight Hole
AT TOTAL DEPTH: Straight Hole

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

5. LEASE
U-020252

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Castle Draw

9. WELL NO.
2-J10

10. FIELD OR WILDCAT NAME
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. API NO.
43-013-30684

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5142' GL (Ungraded)

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

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

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

6108' T.D.; 6066' PBTD
 9-5/8" @ 332'; 5-1/2" @ 6108' Drilled in 1982.
 Perfs: (Green River) - 4559-4573', 4966-4974', 5114-5140', 5617-5623', 5474-5477', 5413-5420', 5396-5400', 5352-5364', 5723', 5725', 5727', 5730', 5736', 5738', and 5882-5890'.

MIRU well service unit on 4-27-83. SITP 225 psi. Bled pressure to slight blow in 10 mins. Unseated pump and pumped 5 bbls. hot oil down tubing at 1500-1800# at 1/8 bpm. Tied onto the casing and pumped 35 bbls. hot oil followed by 65 bbls. hot produced water at 1 bpm at 500 psi down the tubing-casing annulus; then pumped 20 bbls. produced water down tubing at 1200# at 1/2 bpm. POOH with rods and pump. N.U. BOP. Released tubing anchor catcher. SDON. (Continued on Attached Sheet)

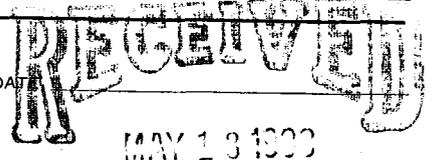
Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED R. G. Ladd, Jr. TITLE District Drilling Superintendent DATE 5-10-83

(This space for Federal or State office use)

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



Union Oil Company of California
Castle Draw Well No. 2-J10
Duchesne County, Utah
5-10-83
Pg. 2

SITP & SICP 0#/13 hours. Ran swab to seating nipple at 5916', O.K. POOH with 2-3/8" tubing. TIH with straddle assembly, setting retrievable B.P. at 4699' and retrievomatic packer at 4451'. Broke and re-doped all connections on trip in hole. SDON. Attempted to run swab and swab would not fall. Released packer and pumped 15 bbls. hot oil down tubing at 1 bpm at 400#. Reset packer at 4451'. Swabbed 90 BO + 44 BW/8 hours. F.L. at 1250-2000' and steady last 6 hours. Swabbed 12 bbls. fluid last hour, cut 60% water and 40% oil from Green River perforations 4559-4573'. SDON.

SITP 240#/12-1/2 hours. Bled to 0 psi immediately. SICP 0 psi. Opened casing with slight blow. Bullheaded 10 bbls. hot oil down tubing at 1 to 1-1/2 bpm at 5250#. Swabbed perforations 4559-4573'. Recovered 72 bbls. oil + 92-1/2 bbls. water/8 hours. F.L. 1500-2200' and steady last 6 hrs. Recovered 12 bbls. fluid last hour cut 30% oil and 70% water. SDON.

SITP 325 psi/14 hours. SICP zero. Checked F.L. at 800' (1400' rise/14 hours). Swabbed perforations 4559-4573' and recovered 43 BO + 73 BW (116 bbls. total) in 8 hours. F.L. 800-2200' and steady last 7 hours. Swabbed 15 bbls. fluid cut 30% oil and 70% water last hour. SDON.

SITP 325 psi/16-1/2 hours. Bled to zero/1 min. SICP zero. Checked F.L. at 1200' (1000' rise/16-1/2 hours). Swabbed perforations 4559-4573' and recovered 40 BO + 49 BW (89 bbls. total) in 5 hours. F.L. 1200-2200' and steady last 4 hours. Recovered 12 bbls. fluid cut 30% oil last hour. Ran Temperature Survey from 4290-4684'. S.D. one hour and re-ran survey. Survey indicated fluid moving down from 4450' to perforations at 4559' (possible fluid entry from 4574'). Released packer and POOH with tubing and packer. SDON.

SICP 325#/14 hours. Ran Base Temp. Log after 14 hours. Survey indicated fluid channeling down from 4464' to perforations at 4559'.

Ran and landed 2-3/8" tubing at 4577.72', tubing anchor at 4506.22', seating nipple at 4540.84', and perf nipple at 4541.92'. N.D. BOP. N.U. well-head. Ran pump and rods. Turned well to production on 5-3-83 to pump test. Released rig at 7:00 p.m., 5-3-83. Pump testing perforations 4559-4573', with retrievable B.P. at 4699'.

Union Oil Company of California
Castle Draw Well No. 2-J10
Monument Butte
Duchesne County, Utah
6-6-83
Pg. 2

SICP 100#/13 hours. Bled to zero/5 mins. Ran bridge plug retrieving head and retrievomatic packer on 2-3/8" tubing and set packer at 4625' with seating nipple at 4624'. Swabbed 62 bbls. fluid/6 hours, cut 100-10-100% oil with strong gas blow. F.L. 1700-3200'. Swabbed at 9-3/4 bbl./hour rate the last two hours, cut 95-100% oil, with well gassing 5-10 mins. after each swab run. F.L. 3200' and steady. SDON.

SITP 620#/12-1/2 hours. SICP 0#. Bled T.P. to zero/5 mins. Swabbed 29-1/2 bbls. gas cut oil, zero water cut, in 2 hours. F.L. 1900-3200' and steady. Released packer, lowered tubing, latched onto bridge plug, and POOH with straddle assembly. Found missing "O" ring on bridge plug which would allow bridge plug to leak. Ran fullbore cementer and retrievable cup-type bridge plug on 2-3/8" tubing and set bridge plug at 4707', packer at 4669', and seating nipple at 4667'. SDON.

SITP 50# & SICP 100#/12 hours. Pumped 15 bbls. hot oil down tubing at 1 bpm at 450#. Set packer at 4665'. Pressured bridge plug to 1500# and bled to 1300#/15 mins. Swabbed 10-1/2 bbls. fluid cut 20% oil. F.L. 1900' to seating nipple and tubing dry. S.D. 1/2 hour with no entry. Released packer. P.U. and set at 4500' with seating nipple at 4499'. Swabbed 57-3/4 bbls. fluid cut 30-10% oil with very weak gas show. F.L. 2300-2700'/5 hours. Released packer. Ran tubing to 4632' and spotted 2 sacks of 20-40 sand on bridge plug at 4699'. P.O. 1 joint and S.D.O.N. with packer hanging free.

SITP 75# & SICP 75#/12-1/2 hours. Bled to zero immediately. Tagged sand at 4674'. POOH with tubing and packer. P.U. 5-1/2", EZ-set cement retainer on 2-3/8" tubing and set at 4412'. POOH. SDON.

SITP 75# & SICP 75#/11-1/2 hours. Bled to zero immediately. Finished POOH, checking each joint. Hydrotested tubing into hole to 3500 psi with no leaks. Stung into retainer and pressured annulus to 500#, O.K. Loaded tubing with 5-1/2 bbls. fresh water and established injection rate of 5 bpm at 2000 psi. Mixed 50 sacks of class "H" cement with 10% salt at 16.8# per gallon, followed by 50 sacks of class "H" cement with 1/4# flocele/sack cement, mixed at 16.4#/gallon at 3-1/2 bpm at 600#. Displaced cement at 1-1/2 bpm at 600-1700#. S.D. with pressure bleeding from 1700-1100#/5 mins. Pumped 1/8 bbl. at 1100-2500#. S.I. with pressure 2500-2000#/25 mins. and steady at 2000#/15 mins. Bled to zero and then pressured to 1750# and steady for 5 mins. P.O. of retainer. Squeezed with 57 sacks of cement into perforations 4559-4573'. Reversed out with 35 bbls. fresh water. CIP at 1:30

Union Oil Company of California
Castle Draw Well No. 2-J10
Monument Butte
Duchesne County, Utah
6-6-83
Pg. 3

p.m., 5-25-83. POOH. Ran 4-3/4" bit and four 3" D.C's on 2-3/8" tubing.
SDON.

SITP 0#. SICP 0#/13 hours. Tagged top of cement at 4407'. Drilled 7'
cement, then retainer at 4412'/4-1/2 hours. Drilled hard cement 4414-4426'.
Circulated hole clean. SDON.

SITP 0#. SICP 0#/12 hours. Drilled hard cement 4440-4484'. Tagged top
of sand at 4674'. Tested casing to 500#, O.K. Washed sand from 4674-4697'.
Circulated clean. POOH. TIH with retrieving head. Circulated over re-
trievable bridge plug and engaged O.K. POOH. SDON.

SITP & SICP zero/10 hours. POOH with tubing and retrievable bridge plug.
Ran and landed 144 joints (4559.72') of 2-3/8", 4.7#, J-55, 8RD, ST&C,
used tubing at 4577.72' with tubing anchor catcher at 4506.22', seating
nipple at 4540.84', and perf nipple at 4541.92'. N.D. BOP. Set tubing
anchor catcher with 14,000# tension. N.U. wellhead. Ran pump and rods.
Turned to production on 5-28-83. Released well service unit on 5-28-83.
Placed well on production at 3:00 p.m., 5-29-83. Recovered load water.

Production Before Workover: (3/83) - Pumped 30 BO + 70 BW in 24 hours.

Production After Workover: (6-5-83) - Pumped 87 BO + 8 BW in 24 hours.



June 23, 1983

Mr. Cleon B. Feight
State of Utah
National Resources & Energy
Division of OIL, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

FLARING CASTLE DRAW 2-J10
MONUMENT BUTTE FIELD
DUCHESNE COUNTY, UTAH
SEC 10 TWP 9S RANGE 17E

Dear Mr. Feight:

Union Oil Company of California requests approval to vent
Castle Draw 2-J10, Duchesne Co., Utah. The well was recently
worked over to shut off water production, resulting in some
gas production. Three day test results are:

6-18-83	47 BOPD	15 MCFD
6-19-83	51 BOPD	15 MCFD
6-20-83	29 BOPD	9 MCFD

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

Sincerely,

B.R. Govreau
Area Supt.

DMV:aj

cc: LLR

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 6/28/83
BY: [Signature]

RECEIVED
JUN 27 1983

DIVISION OF
OIL, GAS, AND MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.

UTU70821

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

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)

NW SE Sec 10, T9S, R17E

8. Well Name and No.

Castle Draw #2-J10

9. API Well No.

4301330684

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

- Notice of Intent
- Subsequent Report
- Final Abandonment Notice

TYPE OF ACTION

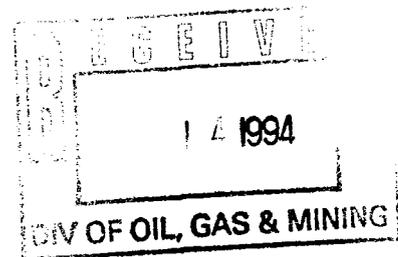
- Abandonment
- Recompletion
- Plugging Back
- Casing Repair
- Altering Casing
- Other Change of Operator
- Change of Plans
- New Construction
- Non-Routine Fracturing
- Water Shut-Off
- Conversion to Injection
- Dispose Water

(Note: Report results of multiple completion or 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

Title Attorney-In-Fact

Date June 29, 1994

(This space for Federal or State office use)

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
 Medallion Production Company

3. Address and Telephone No.
 7130 S. Lewis Avenue, Ste 700, Tulsa, OK (918)491-4133

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 NW SE Sec 10, T9S, R17E

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 #2-J10

9. API Well No.
 4301330684

10. Field and Pool, or Exploratory Area
 Green River

11. County or Parish, State
 Duchesne, Utah

OCT 21 1994

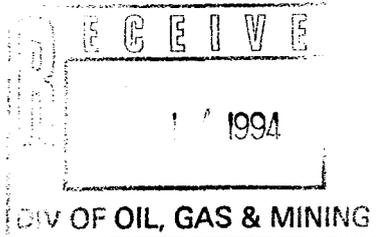
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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.)*

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. 2-J10; NW SE 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 Statewide Bond No. UT-0975.



GENERAL DIST.
 1033 11/3/94
 GEOL. _____
 E.S. _____
 PET. _____
 A.M. _____

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

Signed Chris Girouard Title Vice President - Land Date 10-27-94

(This space for Federal or State office use)
 Approved by [Signature] Title ASSISTANT DISTRICT MANAGER MINERAL Date NOV 4 1994

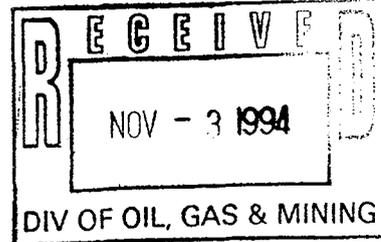
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



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

- Lee 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)*
- Lee 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)*
- Lee 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. *(e.H. 6/94)*
- Lee 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- 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
- Lee 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)*
- Lee 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

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

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A* 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.
- DCS*
11/17/94
- N/A* 2. Copies of documents have been sent to State Lands for changes involving State leases.

FILMING

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

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

MEDALLION PRODUCTION CO
 7130 S LEWIS AVE STE 700
 TULSA OK 74136

UTAH ACCOUNT NUMBER: N5820

REPORT PERIOD (MONTH/YEAR): 5 / 96

AMENDED REPORT (Highlight Changes)

Well Name	Producing Zone	Well Status	Days Oper	Production Volumes		
API Number Entity Location				OIL(BBL)	GAS(MCF)	WATER(BBL)
CASTLE DRAW USA #1	GRRV			U-075174		
4301316218 08120 09S 17E 10						
CASTLE DRAW 2-J10						
4301330684 08121 09S 17E 10	GRRV			U-020252		
CASTLE DRAW USA 3-N10-X	GRRV			U-020252		
4301330994 09745 09S 17E 10						
TOTALS						

COMMENTS: _____

I hereby certify that this report is true and complete to the best of my knowledge. Date: _____
 Name and Signature: _____ Telephone Number: _____

June 17, 1996

To: R. J. Firth, Associate Director of Oil & Gas Department
From: Dennis L. Ingram, Roosevelt DQGM 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 operate does, however, have propane tanks on leases for a backup fuel system.

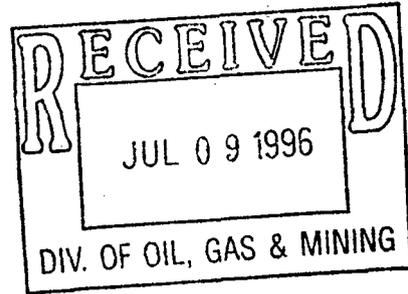
Non-compliance issues regarding state Oil and Gas Conservation Rules were non-existent on these three lease. Jim Walker with WM Enterprises contract pumps these leases and has kept them clean and up-to-par with field standards.



InterCoast Oil and Gas Company
7130 South Lewis Avenue
Suite 700
Tulsa, Oklahoma 74136
918 488-8283 Telephone
918 488-8182 Fax

July 3, 1996

Division of Oil, Gas & Mining
P.O. Box 145801
Salt Lake City, UT 84114-5801
Attn: Lisha Cordova



Re: Name Change of Medallion Production Company
Operator Number: N5820

Dear Ms. Cordova:

Please be advised that Medallion Production Company has changed its name to InterCoast Oil and Gas Company. You will find enclosed an Amended Certificate of Authority and list of wells operated by InterCoast. A letter from Nationsbank regarding the name change on our letter of credit is forthcoming.

Please continue to use the address reflected below for future correspondence.

InterCoast Oil and Gas Company
7130 S. Lewis Avenue, Suite 700
Tulsa, Oklahoma 74136
Main # (918) 488-8283
Fax # (918) 488-8182

Thank you for your cooperation.

Sincerely,

A handwritten signature in cursive script, appearing to read "Brian L. Cantrell".

Brian L. Cantrell
Vice President - Finance

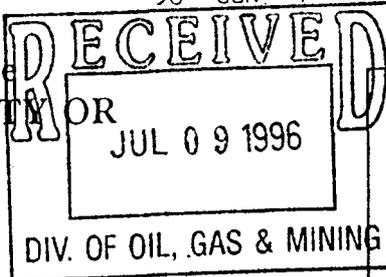
BLC/kab



State of Utah
DEPARTMENT OF COMMERCE
Division of Corporations & Commercial Code

'96 JUN -4 18:18

Application To Amend The
CERTIFICATE OF AUTHORITY OR
REGISTRATION of



For Office Use Only

Check Appropriate Box	Fee
<input type="checkbox"/> Foreign Profit Corporation	\$35.00
<input type="checkbox"/> Foreign Non-Profit Corporation	\$20.00
<input type="checkbox"/> Foreign Limited Partnership	\$35.00
<input type="checkbox"/> Foreign Limited Liability Company	\$35.00

MUST BE TYPEWRITTEN

Medallion Production Company

Business Entity Name

Delaware

Name of Home State

I. AMENDING THE BUSINESS NAME

The business name is changed to: InterCoast Oil and Gas Company

The corporation shall use as its name in Utah _____

(The corporation shall use its name as set forth on #1, unless this name is not available).

NOTE: If the business name has changed its name in the home state, a copy of the Certificate of Amendment or a certified copy of the amendment must accompany this application.

Check the following:

The name of the corporation is changing its name in Utah to the name of the corporation in the home state.

The name of the corporation is being changed in Utah to comply with Utah State Insurance Regulations.

II. AMENDING THE DURATION OF THE BUSINESS EXISTENCE

The business period of duration is changed to: Not applicable

III. AMENDING THE STATE OR COUNTRY OF INCORPORATION/REGISTRATION

The corporation's state or country of incorporation/registration is changed to:
Not applicable

IV Other: Not applicable

(Limited Partnerships or Limited Liability Companies making changes in General Partners, Members, etc.)

Under penalties of perjury, I declare this Application to Amend the Certificate of Authority or Registration to be, to the best of my knowledge and belief, true and correct.

Signature

James P. Bennett

Assistant Secretary

Title

5/29/96

Date

State of Utah
Department of Commerce
Division of Corporations and Commercial Code

I hereby certify that the foregoing has been filed and approved on the 4 day of June, 1996 in the office of this Division and hereby issue this Certificate thereof.

Examiner

KS

Date

6/4/96



Karla S. Woods

KORLA T. WOODS
Division Director

6156020108

EXPEDITE

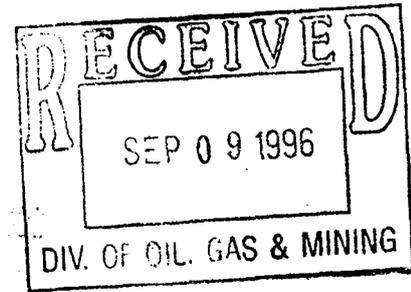
State of Utah
Division of Corporations
and Commercial Code
100 E. 300 S./POB 45801
SLC, UT 84145-0801
(801) 530-4849



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 et al
(UT-932)

NOTICE

InterCoast Oil and Gas Company	:	Oil and Gas
7130 South Lewis Avenue, Suite 700	:	SL-071010C, U-075174,
Tulsa, Oklahoma 74136	:	and UTU-70821

Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of Medallion Production Company to InterCoast Oil and Gas Company on Federal oil and gas leases. For our purposes the effective date is May 17, 1996 (Secretary of State's approval date).

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.

Due to the name change, the name of the principal on the bond is required to be changed from Medallion Production Company to InterCoast Oil and Gas Company on Letter of Credit No. 139660 (BLM Bond No. UT0975). You may accomplish this name change either by consent of the bank, or a replacement bond with the new name should be furnished to this office.

ROBERT LOPEZ

Group Leader,
Minerals Adjudication Group

bc: MMS--Data Management Division, MS 3113, P.O. Box 5860, Denver, Colorado 80217
Moab District Office
Vernal District Office

CMERRITT/INTERCNC

OPERATOR CHANGE WORKSHEET

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>	FROM: (old operator)	<u>MEDALLION PRODUCTION 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)491-4133</u>
Account no.	<u>N6760 (9-9-96)</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</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

- Yes 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)*
- Yes 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)*
- 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) If yes, show company file number: _____ (see attached)
- 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. *(7-9-96)*
- Yes 6. Cardex file has been updated for each well listed above. *(7-9-96)*
- Yes 7. Well file labels have been updated for each well listed above. *(7-9-96)*
- 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. *(7-9-96)*
- 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

- 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 Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.

FILMING

- UDR 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 B7m/SL Lease 4020252 segregated 12/92 into lease WTR 70821.

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

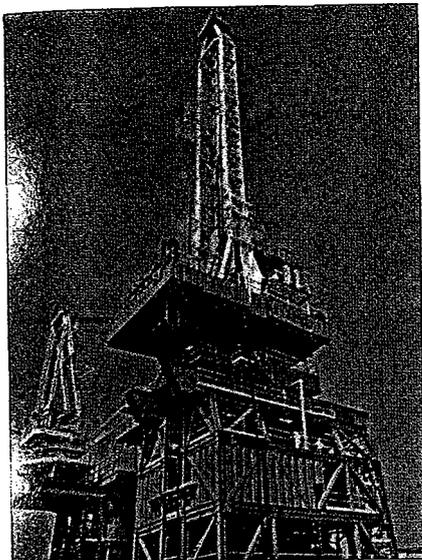
District II

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.

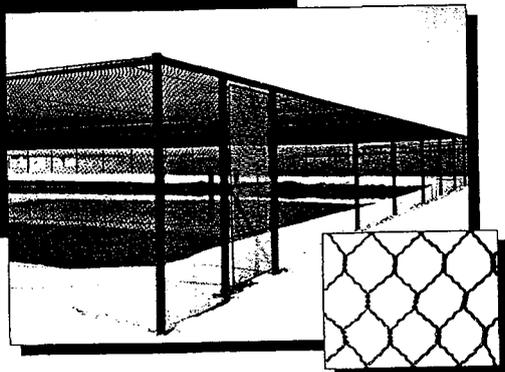
MIDCONTINENT

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
- Field Life Exceeds 10 Years - Custom Net Sizes To Fit
- 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

TOREX NETTING IS AVAILABLE IN MESH SIZES FROM 1 TO 2 INCHES

coastal

COASTAL NETTING COMPANY

1000 BAKERSFIELD, CALIFORNIA 93303 • (805) 549-0210 • FAX (805) 325-0813 • TOLL FREE (800) 726-3354

Financial reserves that won't run dry.

When expectations run high but finances run low, it's good to have the help of energy lending specialists.

The specialists at Deposit Guaranty and CNB.

We've supported independents for more than 30 years. Today, we routinely provide energy loans from \$250,000 to \$10,000,000.

A supply that, by all accounts, seems endless.

DEPOSIT GUARANTY
GROW WITH US

CNB

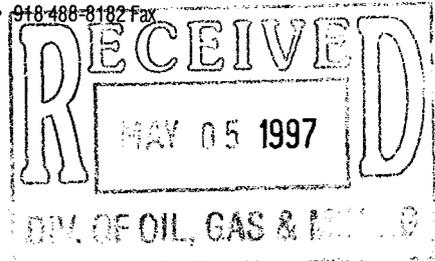
William A. Philipp, P.E.
Energy Department Manager
1-800-748-8500 or 354-8229
Jackson, MS

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

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,

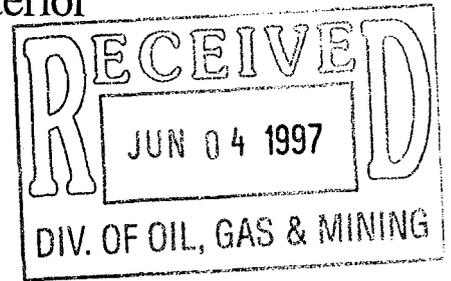
Alan J. Kane, P.E.



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

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

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

- 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

- Yes 1. (r649-8-7) **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. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- N/A/Yes 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 6/19/97 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

- Yes 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 KCS 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 to 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

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

8. Well Name and No.

Castle Draw #2-J10

9. API Well No.

4301330684

10. Field and Pool, or Exploratory Area

Green River

11. County or Parish, State

Duchesne, Utah

Type of Well
 Oil Well Gas Well Other

Name of Operator
KCS Medallion Resource, Inc.

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

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

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

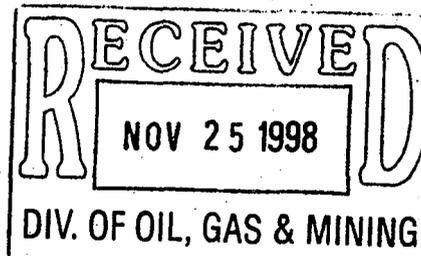
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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 St., Suite 700 Denver, CO 80202 (303) 893-0102.

Effective December 1, 1998.



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 _____
Conditions of approval, if any:

Title _____

Date _____

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

*See instruction on Reverse Side

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 #2-J10

9. API Well No.
43-013-30684

10. Field and Pool, or Exploratory Area
MONUMENT BUTTE

11. County or Parish, State
DUCHESNE COUNTY, UTAH

SUBMIT IN TRIPLICATE

I. Type of Well

Oil Well Gas Well 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)

NW/SE Section 10, T09S, R17E

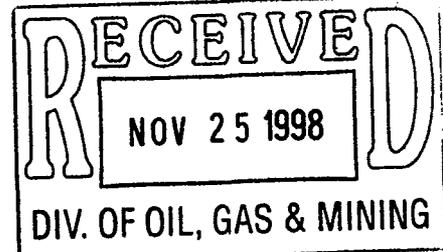
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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

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

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

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:

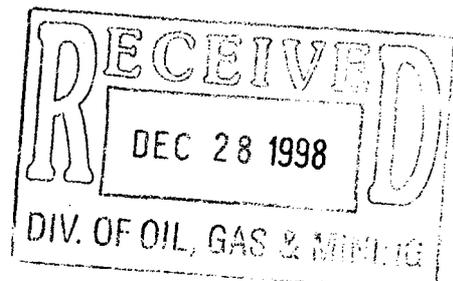
This correspondence is in regard to the self-certification statement submitted requesting a change in operator for the referenced well. After a review by this office, the change in operator request is approved. Effective immediately, Inland Production Company is responsible for all operations performed 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.



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

OPERATOR CHANGE WORKSHEET

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

- KDR 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.
U-020252

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 10-10-9-17

9. API Well No.
43-013-30684

10. Field and Pool, or Exploratory Area
MONUMBENT BUTTE

11. County or Parish, State
DUCHESNE 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)
1980 FSL 1980 FEL NW/SE Section 10, T09S R17E

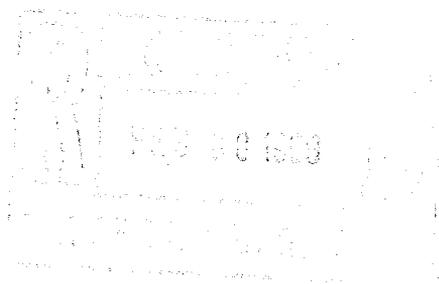
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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 #2-J10 to the Castle Draw 10-10-9-17.



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

Signed Sharon 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	43-013-02117	Ashley Federal #3-4	WNW	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	12074	12110	43-013-02110	Ashley Federal #4-4	WNW	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

Kathie 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

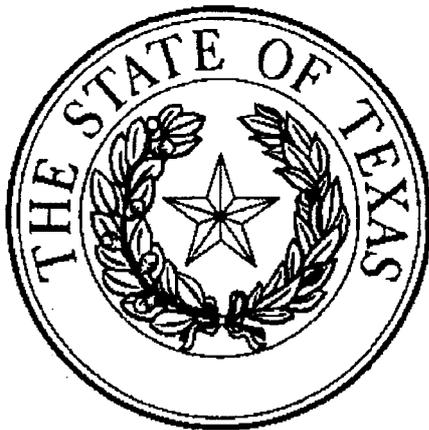
The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

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

K

K

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 02 2009

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

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

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

Re: Final Permit & Aquifer Exemption
Cement Bond Log Required
EPA UIC Permit UT21230-08341
Castle Draw 10-10-9-17
NWSE Sec. 10-T9S-R17E
Duchesne County, Utah
API No.: 43-013-30684

Dear Mr. Sundberg:

Enclosed is your copy of the FINAL Underground Injection Control (UIC) Permit for the proposed Castle Draw 10-10-9-17 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 MAY 15 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 08 2009



Printed on Recycled Paper

DIV. OF OIL, GAS & MINING

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.

FOR RECORD ONLY 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: May 2009

Permit No. UT21230-08341

Class II Enhanced Oil Recovery Injection Well

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

Issued To

Newfield Production Company

1001 Seventeenth Street, Suite 2000

Denver, CO 80202

PART I. AUTHORIZATION TO CONSTRUCT AND OPERATE	2
PART II. SPECIFIC PERMIT CONDITIONS	3
Section A. WELL CONSTRUCTION REQUIREMENTS	3
1. Casing and Cement	3
2. Injection Tubing and Packer	3
3. Sampling and Monitoring Devices	3
4. Well Logging and Testing	4
5. Postponement of Construction or Conversion	4
6. Workovers and Alterations	4
Section B. MECHANICAL INTEGRITY	4
1. Demonstration of Mechanical Integrity (MI)	5
2. Mechanical Integrity Test Methods and Criteria	5
3. Notification Prior to Testing	5
4. Loss of Mechanical Integrity	5
Section C. WELL OPERATION	6
1. Requirements Prior to Commencing Injection	6
2. Injection Interval	6
3. Injection Pressure Limitation	6
4. Injection Volume Limitation	7
5. Injection Fluid Limitation	7
6. Tubing-Casing Annulus (TCA)	7
Section D. MONITORING, RECORDKEEPING, AND REPORTING OF RESULTS	7
1. Monitoring Parameters, Frequency, Records and Reports	7
2. Monitoring Methods	7
3. Records Retention	8
4. Annual Reports	8
Section E. PLUGGING AND ABANDONMENT	8
1. Notification of Well Abandonment, Conversion or Closure	9
2. Well Plugging Requirements	9
3. Approved Plugging and Abandonment Plan	9
4. Forty Five (45) Day Notice of Plugging and Abandonment	9
5. Plugging and Abandonment Report	9
6. Inactive Wells	9

PART III. CONDITIONS APPLICABLE TO ALL PERMITS	11
Section A. EFFECT OF PERMIT	11
Section B. CHANGES TO PERMIT CONDITIONS	11
1. Modification, Reissuance, or Termination	11
2. Conversions	11
3. Transfer of Permit	11
4. Permittee Change of Address	12
5. Construction Changes, Workovers, Logging and Testing Data	12
Section C. SEVERABILITY	12
Section D. CONFIDENTIALITY	12
Section E. GENERAL PERMIT REQUIREMENTS	12
1. Duty to Comply	12
2. Duty to Reapply	13
3. Need to Halt or Reduce Activity Not a Defense	13
4. Duty to Mitigate	13
5. Proper Operation and Maintenance	13
6. Permit Actions	13
7. Property Rights	13
8. Duty to Provide Information	13
9. Inspection and Entry	13
10. Signatory Requirements	14
11. Reporting requirements	14
Section F. FINANCIAL RESPONSIBILITY	15
1. Method of Providing Financial Responsibility	15
2. Insolvency	15
APPENDIX A - WELL CONSTRUCTION REQUIREMENTS	A-1
APPENDIX B - LOGGING AND TESTING REQUIREMENTS	B-1
APPENDIX C - OPERATING REQUIREMENTS	C-1
APPENDIX D - MONITORING AND REPORTING REQUIREMENTS	D-1
APPENDIX E - PLUGGING AND ABANDONMENT REQUIREMENTS	E-1
APPENDIX F - CORRECTIVE ACTION REQUIREMENTS	F-1

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 10-10-9-17
1980' FSL & 1980' FEL, NWSE S10, T9S, R17E
Duchesne County, UT

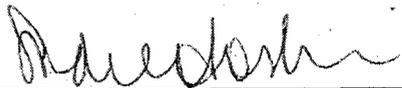
EPA regulates the injection of fluids into injection wells so that injection does not endanger underground sources of drinking water (USDWs). EPA UIC Permit conditions are based on authorities set forth at 40 CFR Parts 144 and 146, and address potential impacts to USDWs.

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 02 2009

Effective Date JUN 02 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 Schematic Diagram:

The Castle Draw No. 10-10-9-17 was drilled to a total depth of 6,108 feet (KB) feet in the Wasatch Formation. Plug back total depth is 6,066 feet. During conversion Permittee will effect a further plug back total depth to the top of the Wasatch Formation (5838 feet).

Surface casing (8-5/8 inch) was set at a depth of 332 feet in a 12-1/4 inch hole using 188 sacks of Class "G" cement which was circulated to the surface.

Production casing (5-1/2 inch) was set at a depth of 6,108 feet (KB) in a 8-3/4 inch hole with 916 sacks of Pozmix. Top of cement by Cement Bond Log is surface. Top of cement by EPA is 1,936 feet.

No Cement Bond Log is available from which to evaluate Confining Zone annulus cement. A Cement Bond Log shall be run during conversion.

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 3,518 feet (top of Garden Gulch Member) and the top of the Wasatch Formation (5,838 feet) provided the operator first notifies the Director and later submits an updated well completion report (EPA Form 7520-12) and schematic diagram.

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

UT 21230-0 8341
 Castle Draw #10-10-9-17
 (Formerly Castle Draw #2-J10)

Spud Date: 10/31/82
 Put on Production: 12/20/82
 GL: 5142' KB: 5160'

Initial Production: 103 BOPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 9-5/8"
 GRADE: H-40
 WEIGHT: 32.3#
 LENGTH: 313.72' (7 jts)
 DEPTH LANDED: 531.72'
 HOLE SIZE: 12-1/4" *Base as low as < 100'*
 CEMENT DATA: 188 sxs cmt. (50/50 pozmix)

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-35
 WEIGHT: 17# & 15.5#
 LENGTH: 6091.78' (145 jts & 1 pc)
 DEPTH LANDED: 6107.73'
 HOLE SIZE: 8-3/4"
 CEMENT DATA: 916 sxs (50/50 pozmix)
 CEMENT TOP AT: Surface *700/BPA 1936'*

TUBING

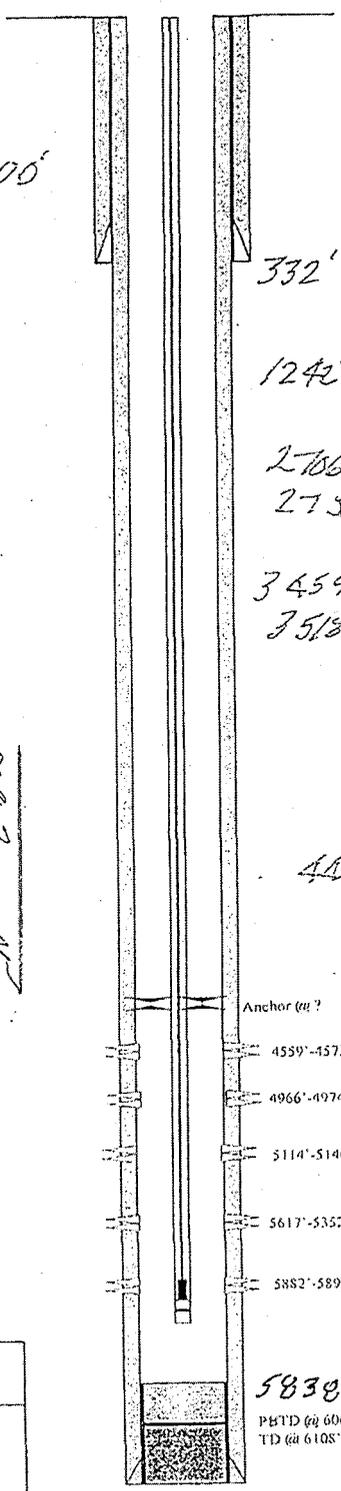
SIZE/GRADE/WT.: 2-3/8"
 NO. OF JOINTS: 4835'
 TUBING ANCHOR:
 SEATING NIPPLE:
 TOTAL STRING LENGTH:
 SN LANDED AT:

SUCKER RODS

POLISHED ROD:
 SUCKER RODS:
 TOTAL ROD STRING LENGTH:
 PUMP NUMBER:
 PUMP SIZE:
 STROKE LENGTH:
 PUMP SPEED: SPM:
 LOGS: DIGI/SP/GR/CAL
 SCL/DSN/GR

FRAC JOB

12/2/82 (5882'-5890')	99,000# 20/40 sand. Treated at avg press of 2650 psi w/avg rate of 33 BPM ISIP 1850 psi. 1 SPF
12/7/82 (5617'-5352')	141,500# 20/40 sand. Treated at avg press of 1600 psi w/avg rate of 33.4 BPM. ISIP 1440 psi. 2 SPF
12/11/82 (5114'-5140')	48,000# 20/40 sand. Formation broke down to 2700 psi at 11.6 BPM. 2 SPF
12/15/82 (4966'-4974')	108,000# 20/40 sand. Treated at avg press of 2500 psi w/avg rate of 35 BPM. ISIP 2170 psi. 2 SPF
12/18/82 (4559'-4573')	108,000# 20/40 sand. Treated at avg press of 2000 psi w/avg rate of 37.6 BPM. ISIP 2000 psi. 2 SPF



NEWFIELD

Castle Draw #10-10-9-17
 (Formerly Castle Draw #2-J10)
 1980' FSL & 1980' FEL
 NW/SE Section 10-T9S-R17E
 Duchesne Co, Utah
 API #43-013-30684; Lease #UTU-70S21

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 10-10-9-17	
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 10-10-9-17	
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 a five (5) year period following the last successful test.
Standard Annulus Pressure	Prior to receiving authorization to inject and at least once every five (5) years 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 10-10-9-17	1,140

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 10-10-9-17	APPROVED INJECTION INTERVAL (KB, ft)		FRACTURE GRADIENT (psi/ft)
	TOP	BOTTOM	
FORMATION NAME Green River: Garden Gulch-Douglas Creek-Basal Carbonate Members.	3,518.00	5,838.00	0.690

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 10-10-9-17	FORMATION NAME	MAXIMUM VOLUME LIMIT (bbbls)
	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 2,820 feet (unless pre-existing backside cement precludes cement-squeezing this interval) followed by a minimum 170-foot balanced cement plug inside the 5-1/2 inch casing across the Trona Zone and the Mahogany Shale, approximately 2,650 feet to 2,820 feet.

PLUG NO. 3: Seal USDWs: Squeeze a cement plug (1,190 feet - 1,310 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 1,190 feet to 1,310 feet.

PLUG NO. 4: Seal Surface: Set a Class "G" cement plug within the 5-1/2 inch casing to 382 feet and up the 5-1/2 inch by 8-5/8 inch casings annulus to the surface.

Spud Date: 10/31/82
 Put on Production: 12/20/82
 GL: 5142' KB: 5160'

Castle Draw #10-10-9-17

(Formerly Castle Draw #2-J10)

Initial Production: 103 BOPD

Proposed P & A Wellbore Diagram

SURFACE CASING

CSG SIZE: 9-5/8"
 GRADE: H-40
 WEIGHT: 32.3#
 LENGTH: 313.72' (7 jts)
 DEPTH LANDED: 331.72'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 188 sxs cmt. (50/50 pozmix)

Cement Top @ Surface

Circulate 134 sxs Class "G" Cement down 5-1/2" casing and up the 5-1/2" x 9-5/8" annulus

Casing Shoe @ 332'

Perforate 4 JSPP @ 382'

PRODUCTION CASING

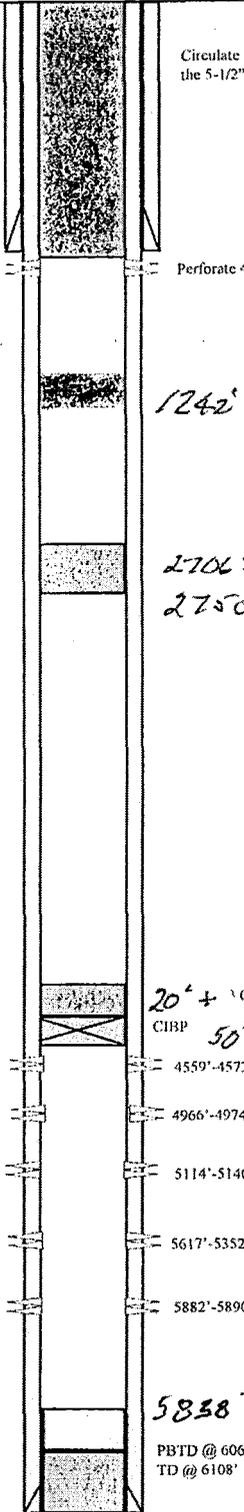
CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 17# & 15.5#
 LENGTH: 6091.78' (145 jts & 1 pc)
 DEPTH LANDED: 6107.78'
 HOLE SIZE: 8-3/4"
 CEMENT DATA: 916 sxs (50/50 pozmix)
 CEMENT TOP AT: Surface

Cement Plug 1190' - 1310'

1242' Green River

Cement Plug 2650' - 2820'

*2706' - 2750' TONS
 2750' - 2768' Mahogany Bench*



*20' +/- Class G Cement plug on top of CIBP
 CIBP 50' above top perf*

4559'-4573'
 4966'-4974'
 5114'-5140'
 5617'-5352'
 5882'-5890'

5838' W23244

PBTD @ 6066'
 TD @ 6108'

<p>Castle Draw #10-10-9-17 (Formerly Castle Draw #2-J10) 1980' FSL & 1980' FEL NW/SE Section 10-T9S-R17E Duchesne Co, Utah API #43-013-30684; Lease #UTU-70821</p>

APPENDIX F

CORRECTIVE ACTION REQUIREMENTS

No corrective action is deemed necessary for this project.

STATEMENT OF BASIS

NEWFIELD PRODUCTION COMPANY CASTLE DRAW 10-10-9-17 DUCHESNE COUNTY, UT

EPA PERMIT NO. UT21230-08341

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 10-10-9-17
1980' FSL & 1980' FEL, NWSE 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.

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.

Castle Draw No. 10-10-9-17 is currently an active Green River Formation Douglas Creek Member oil well. It is the initial intent of the applicant to use current Douglas Creek Member production perforations for Class II enhanced recovery injection. Castle Draw No. 10-10-9-17 has total depth in the Wasatch Formation. Upon conversion the Permittee shall effect a plug back total depth (PBSD) to the top of the Wasatch Formation.

TABLE 1.1
WELL STATUS / DATE OF OPERATION

NEW WELLS

Well Name	Well Status	Date of Operation
Castle Draw 10-10-9-17	New	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 10-10-9-17

Formation Name	Top (ft)	Base (ft)	TDS (mg/l)	Lithology
Uinta: Public. 92: USDW	0	100	< 10,000	Sand and shale.
Uinta	100	1,242		Interbedded lacustrine sand, shale and carbonate with fluvial sand and shale.
Green River Formation	1,242	5,838		Interbedded lacustrine sand, shale, evaporite and carbonate with fluvial sand and shale.
Green River: Trona	2,706	2,750		Evaporite
Green River: Mahogany Bench	2,750	2,768		Oil shale
Green River: Confining Zone	3,459	3,518		Shale
Green River: Garden Gulch Member	3,518	4,478		Interbedded lacustrine sand, shale and carbonate with fluvial sand and shale.
Green River: Douglas Creek Member	4,478	5,719	9,596	Interbedded lacustrine sand, shale and carbonate with fluvial sand and shale.
Green River: Basal Carbonate	5,719	5,838		Carbonate

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 depth for Class II enhanced recovery injection into Castle Draw No. 10-10-9-17

is located between the top of the Garden Gulch Member (3518 feet) and the top of the Wasatch Formation (5838 feet).

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

Formation Name	Top (ft)	Base (ft)	TDS (mg/l)	Fracture Gradient (psi/ft)	Porosity	Exempted?*
Green River: Garden Gulch-Douglas Creek-Basal Carbonate Members.	3,518	5,838	9,596	0.690		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 59-foot 3459 feet - 3518 feet) shale Confining Zone directly overlies the top of the Garden Gulch Member.

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

Formation Name	Formation Lithology	Top (ft)	Base (ft)
Green River: Confining Zone	Shale	3,459	3,518

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. 10-10-9-17.

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 100 feet from the surface. However, absent definitive information relative to the water quality of the Uinta Formation, from the depth of 100 feet to the base of the Uinta Formation (1,242 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 10-10-9-17

Formation Name	Formation Lithology	Top (ft)	Base (ft)	TDS (mg/l)
Uinta: Public. 92	Sand and shale.	0	100	< 10,000
Uinta	Interbedded lacustrine sand, shale and carbonate with fluvial sand and shale.	100	1,242	

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 10-10-9-17

Formation Name	Top (ft)	Base (ft)	Criteria	Volume (bbl)
Green River: Garden Gulch-Douglas Creek-Basal Carbonate Members.	3,518	5,838	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 15, 2008 "Production Water Analysis - Run D" obtained from the Castle Draw No. 10-10-9-17 identified the total dissolved solids (TDS) of the producing zones water as 9,596 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)

See Schematic Diagram:

The Castle Draw No. 10-10-9-17 was drilled to a total depth of 6,108 feet (KB) feet in the Wasatch Formation. Plug back total depth is 6,066 feet. During conversion Permittee will effect a further plug back total depth to the top of the Wasatch Formation.

Surface casing (8-5/8 inch) was set at a depth of 332 feet in a 12-1/4 inch hole using 188 sacks of Class "G" cement which was circulated to the surface.

Production casing (5-1/2 inch) was set at a depth of 6,108 feet (KB) in a 8-3/4 inch hole with 916 sacks of Pozmix. Top of cement by Cement Bond Log is surface. Top of cement by EPA is 1,936 feet.

No Cement Bond Log is available from which to evaluate Confining Zone annulus cement. A Cement Bond Log shall be run during conversion.

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 3,518 feet (top of Garden Gulch Member) and the top of the Wasatch Formation (5,838 feet) provided the operator first notifies the Director and later submits an updated well completion report (EPA Form 7520-12) and schematic diagram.

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

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

Casing Type	Hole Size (in)	Casing Size (in)	Cased Interval (ft)	Cemented Interval (ft)
Production	8.75	5.50	0 - 6,108	0 - 6,108
Surface	12.25	9.63	0 - 332	0 - 332

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 No. 15-10-9-17	Producer	No	5,721	150	No
Blackjack Federal R-10-9-17	Producer	No	5,946	150	No
Blackjack No. 11-10-9-17	Injector	No	5,775	600	No
Federal No. 9-10-9-17	Injector	No	5,751	275	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.	4,559	0.690	1,140

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 surface waters with TDS usually less than 10,000 mg/l which are obtained 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. 10-10-9-17.

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 limitation on the cumulative volume or daily volume of authorized Class II fluid to be injected into the approved Green River Formation interval. The Permittee shall not exceed the authorized maximum 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, which ever is less, with a ten (10) percent or less pressure loss over thirty (30) minutes.

PART II MI: Cementing records have not satisfactorily demonstrated the presence of adequate Confining Zone annulus cement behind the casing from the injection zone. A RTS is required to confirm the presence of adequate cement. If the RTS is not run, or if the RTS does not confirm adequate cement, the Permittee shall demonstrate Part II (External) Mechanical Integrity pursuant to 40 CFR §146.8(a)(2) using an approved test method such as a Temperature Log, Noise Log, or Oxygen Activation Log, and the demonstration of Part II Mechanical Integrity shall be repeated no less than every five (5) years after the last successful 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.

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 2,820 feet (unless pre-existing backside cement precludes cement-squeezing this interval)

followed by a minimum 170-foot balanced cement plug inside the 5-1/2 inch casing across the Trona Zone and the Mahogany Shale, approximately 2,650 feet to 2,820 feet.

PLUG NO. 3: Seal USDWs: Squeeze a cement plug (1,190 feet - 1,310 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 1,190 feet to 1,310 feet.

PLUG NO.4: Seal Surface: Set a Class "G" cement plug within the 5-1/2 inch casing to 382 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 16, 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. UT21230-08341

Newfield Production Company

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

Formation Name	Top (ft)	Base (ft)	TDS (mg/l)
Green River: Garden Gulch-Douglas Creek-Basal Carbonate Members.	3,518.00	5,838.00	9,596.00

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 10-10-9-17
Monument Butte (Duchesne)
1980' FSL & 1980' FEL, NWSE 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 02 2009**



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

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 10-10-9-17

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301330684

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: 1980 FSL 1980 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWSE, 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:	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
05/18/2010	<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 05/17/2010. On 05/10/2010 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 05/11/2010. On 05/18/2010 the casing was pressured up to 1670 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# UT21230-08341 API# 43-013-30684

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

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

SIGNATURE  DATE 05/24/2010

(This space for State use only)

RECEIVED
JUN 03 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)

1980 FSL 1980 FEL

NWSE 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 10-10-9-17

9. API Well No.

4301330684

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

The subject well has been converted from a producing oil well to an injection well on 05/17/2010.

On 05/10/2010 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 05/11/2010. On 05/18/2010 the casing was pressured up to 1670 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# UT21230-08341

API# 43-013-30684

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Lucy Chavez-Naupoto

Signature



Title

Administrative Assistant

Date

05/24/2010

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

JUN 03 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: 5 / 18 / 10
 Test conducted by: James Bird
 Others present: _____

Well Name: <u>Castle Draw 10-10-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>SE1SW</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>Newfield</u>		
Last MIT: _____ / _____ / _____		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: 0 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>1670</u> psig	psig	psig
5 minutes	<u>1670</u> psig	psig	psig
10 minutes	<u>1670</u> psig	psig	psig
15 minutes	<u>1670</u> psig	psig	psig
20 minutes	<u>1670</u> psig	psig	psig
25 minutes	<u>1670</u> psig	psig	psig
30 minutes	<u>1670</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: _____

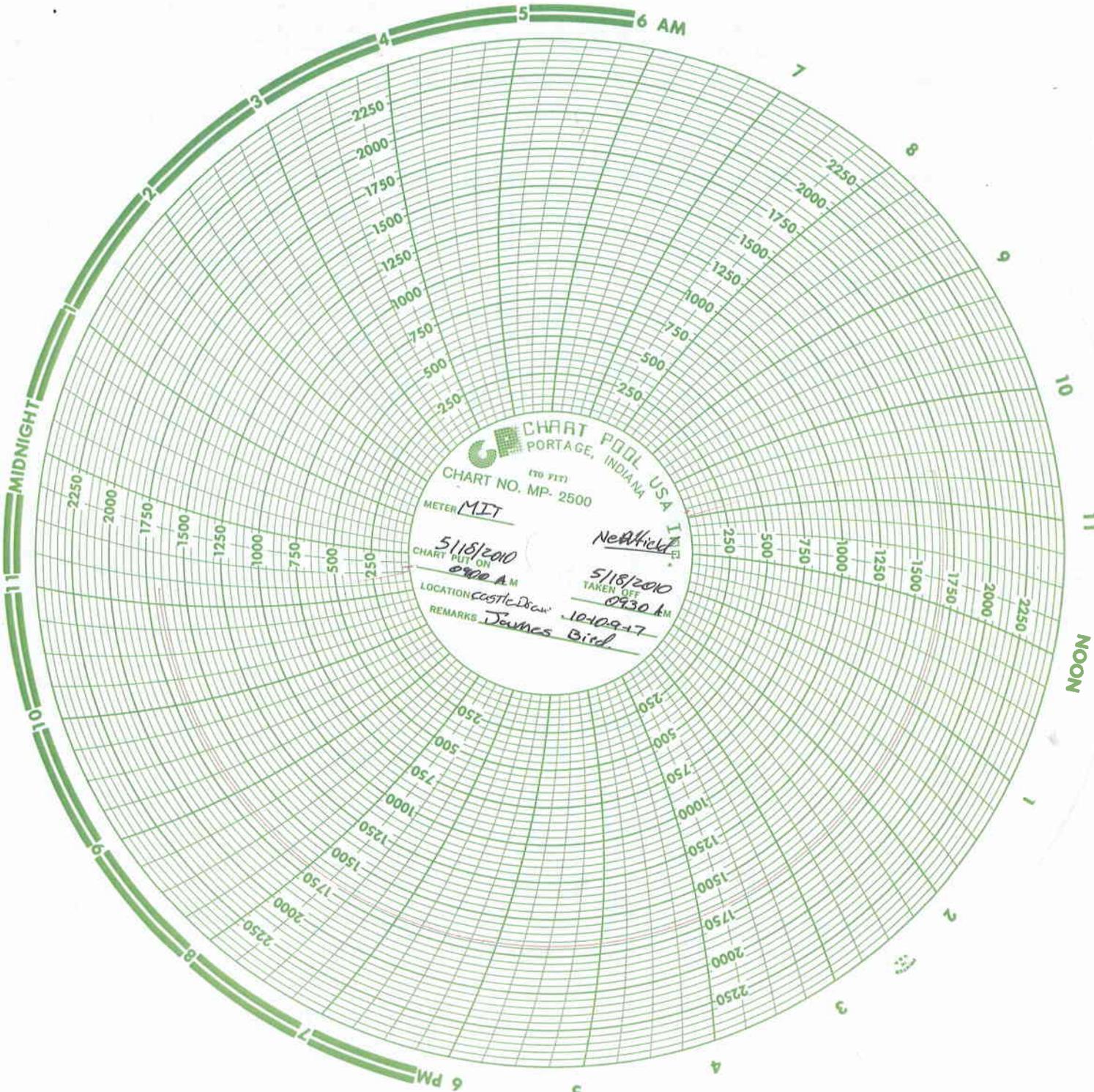


CHART POOL USA
PORTAGE, INDIANA
CHART NO. MP- 2500
(70 FT)

METER MIT

CHART PUT ON
5/18/2010
0900 A.M.

Netfield

TAKEN OFF
5/18/2010
0930 A.M.

LOCATION Castle Draw

REMARKS James Bird

10-10-9-7

Daily Activity Report

Format For Sundry

CASTLE DRAW 10-10-9-17**3/1/2010 To 7/30/2010****5/10/2010 Day: 1****Conversion**

WWS #7 on 5/10/2010 - LD rod string. Attempt to unland tbg. - MIRU Western rig #7. RU HO trk & pump 60 BW dn casing @ 250°F. Unseat rod pump. Had much difficulty flushing rods. Layed down 50 rods & finally circulated 30 bbls around. Circulated 2 more times W/ 80 more bbls as LD rods. Had RHAC pump on end of rod string. Remove wingnut on National wellhead. Hanger is stuck--able to free. Picks up @ 52K. Unable to disengage slips from top jt of tbg. Try rotating tbg--only torques up. Re-land. RU HO trk & circulate another 120 bbls @ 250°F. Still picking tbg hanger out of wellhead & 52K (can't get any more stretch). SIFN.

Daily Cost: \$0**Cumulative Cost:** \$20,247

5/11/2010 Day: 2**Conversion**

WWS #7 on 5/11/2010 - Cut tbg. twice. Fish first cut. POOH w/ tbg. - - Pump 60 bbls 250° water down tbg. RU The Perforators wireline. Run collar strip. Log shows pkr or TAC @ 5243' & 4850'. Cut tbg. @ 5225'. Tbg. still stuck. Cut tbg. @ 4845'. RD The Perforators. Change out wellhead. NU BOP. POOH w/ tbg. RIH w/ fishing tools. Catch fish @ 4845'. Release TAC. POOH w/ tbg. LD TAC & fish. RIH w/ fishing tools & 4 jts 2 3/8" tbg. SWIFN.

Daily Cost: \$0**Cumulative Cost:** \$27,065

5/12/2010 Day: 3**Conversion**

WWS #7 on 5/12/2010 - Fish tbg. Set RBP @ 4540'. Circulate well clean. Attempt to pressure test csg. Lost 250 psi in 10 min. - Cont. RIH w/ tbg. Latch onto fish. POOH w/ tbg. LD tools & fish. RIH w/ RBP & tbg. Set RBP @ 4540'. Pull up to 4521'. RU hotoiler to tbg. Circulate well clean w/ 120 bbls 250° water. Attempt to pressure test csg. Lost 250 psi in 10 min. SWIFN.

Daily Cost: \$0**Cumulative Cost:** \$39,508

5/13/2010 Day: 4**Conversion**

WWS #7 on 5/13/2010 - Run CBL. RIH w/ plug & pkr. to find csg. leak. - Open well. Continue to attempt to isolate CSG leak. After multiple tool settings. Isolate leak in csg from 3872' to 3889'. Lost 100 psi in 10 min. Release PKR. TIH w/ tbg to retrieve RBP @ 4516'. Latch onto & release RBP. TOO H w/ tbg breaking collars & applying Liquid O-ring to threads. Get out of hole w/ 143 jts tbg. LD RBP & PKR. TIH w/ tbg & retrieving head to retrieve RBP @ 4521'. Latch onto & release RBP. TOO H w/ tbg breaking 2nd set of collars & applying Liquid O-ring to threads. Get out of hole w/ 110 jts tbg (Advantage Hot Oil pumped 35 bw during daily operations). SDFN - Drop standing valve. Pressure test tbg. to 3000 psi. Good test. Retrieve standing valve. POOH w/ tbg. RU The Perforators wireline. Run CBL from 4540' to surface. RD wireline. Attempt to pressure test csg. Lost 250 psi in 20 min. RIH w/ tools. Set tools multiple times looking for csg. leak. SWIFN. - Drop standing valve. Pressure test tbg. to 3000 psi. Good test. Retrieve standing valve. POOH w/ tbg. RU The Perforators wireline. Run CBL from 4540' to surface. RD wireline. Attempt to pressure test csg. Lost 250 psi in 20 min. RIH w/ tools. Set tools multiple times looking for csg. leak. SWIFN. - Open well. Continue to attempt

to isolate CSG leak. After multiple tool settings. Isolate leak in csg from 3872' to 3889'. Lost 100 psi in 10 min. Release PKR. TIH w/ tbg to retrieve RBP @ 4516'. Latch onto & release RBP. TOO H w/ tbg breaking collars & applying Liquid O-ring to threads. Get out of hole w/ 143 jts tbg. LD RBP & PKR. TIH w/ tbg & retrieving head to retrieve RBP @ 4521'. Latch onto & release RBP. TOO H w/ tbg breaking 2nd set of collars & applying Liquid O-ring to threads. Get out of hole w/ 110 jts tbg (Advantage Hot Oil pumped 35 bw during daily operations). SDFN

Daily Cost: \$0

Cumulative Cost: \$48,671

5/14/2010 Day: 6

Conversion

WWS #7 on 5/14/2010 - Trip tbg for injection string. Wait on Haliburton to pump Anguard. - Open well. Pump 20 bw down csg @ 250°. Continue TOO H w/ tbg breakin collars & applying Liquid O-ring to threads. Get out of hole w/ tbg. LD RBP & retrieving head. MU 5 1/2" Arrowset X-1 PKR & PSN. TIH w/ 141 jts 2 3/8" tbg. Pump 10 bw pad. Drop standing valve. Pump satnding valve to PSN w/ 20 bw. Test tbg to 3000 psi & watch for 30 min. Good test. RIH w/ sandline to retrieve standing valve. Latch onto & unseat standing valve. POOH w/ sandline. RD workfloor. ND BOP. MU B-1 adapter flange. Land tbg on wellhead. Wait on Haliburton Anguard squeeze. SDFN EWTR 560 BBLs

Daily Cost: \$0

Cumulative Cost: \$66,588

5/16/2010 Day: 7

Conversion

WWS #7 on 5/16/2010 - Pump Haliburton Angard fluid for csg leak repair - RU Haliburton pump truck. Fill csg w/ 35 bw. Pump 10 bbls pkr fluid, 10 bbls Angard fluid, & 64 bbls prk fluid. Set 5 1/2" arrowset pkr. Land tbg on wellhead w/ 15000# tension. Pressure up csg to 1550 psi & watch for bleed of. Lost 10 psi in 5 min. Watch for 30 additional minutes w/ no pressure loss. Good test. SIW. RD Haliburton pump truck. Will check pressure on Monday AM before rigging down WWS # 7. SDFW

Daily Cost: \$0

Cumulative Cost: \$82,462

5/17/2010 Day: 8

Conversion

WWS #7 on 5/17/2010 - Check CSG pressure. RDMOSU - Check pressure on CSG. Good test. RDMOSU READY FOR MIT!

Daily Cost: \$0

Cumulative Cost: \$83,122

5/21/2010 Day: 9

Conversion

Rigless on 5/21/2010 - Conversion MIT - On 5/10/2010 Jason Deardorff with the EPA was contacted concerning the Conversion MIT on the above listed well (Castle Draw 10-10-9-17). Permission was given at that time to perform the test on 5/11/2010. On 5/18/2010 the csg was pressured up to 1670 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# UT 21230-08341 API#43-013-30684 **Finalized**

Daily Cost: \$0

Cumulative Cost: \$114,862

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>

JUN 09 2010

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

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

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

RE: Underground Injection Control (UIC)
Authorization to Commence Injection
EPA UIC Permit UT21230-08341
Well: Castle Draw 10-10-9-17
NWSE Sec. 10-T9S-R17E
Duchesne County, UT
API No.: 43-013-30684

Dear Mr. Guinn:

The Environmental Protection Agency Region 8 (EPA) has received Newfield Production Company's (Newfield) June 1, 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 UT21230-08341. The cement bond log for the Castle Draw 10-10-9-17 has fully demonstrated Part II Mechanical Integrity and a radioactive tracer survey is not required at this time.

As of the date of this letter, Newfield is authorized to commence injection into the Castle Draw 10-10-9-17 well at a Maximum Allowable Injection Pressure (MAIP) of 1,140 psig. 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 that measures the fracture parting pressure and calculates the fracture gradient at this depth and location. Newfield must receive prior authorization from the Director to inject at pressures greater than the permitted MAIP during any test.

RECEIVED

JUN 17 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:

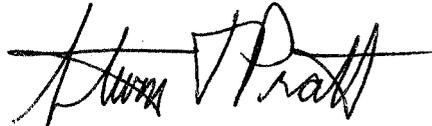
Mr. Nathan Wiser
U.S. EPA Region 8: 8ENF-UFO
1595 Wynkoop Street
Denver, CO 80202-1129

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 UT21230-08341.

If you have questions regarding the above action, please call Jason Deardorff at 303-312-6583 or 1-800-227-8917, ext. 312-6583.

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
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 10-10-9-17

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301330684

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: 1980 FSL 1980 FEL

COUNTY: DUCHESNE

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

STATE: UT

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>07/13/2010</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 4:00 PM on 07-13-2010.

EPA # UT21230-08341 API # 43-013-30684

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE 

DATE 07/14/2010

(This space for State use only)

RECEIVED

JUL 19 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.

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 10-10-9-17

9. API Well No.
4301330684

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

11. County or Parish, State
DUCHESNE, UT

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)
1980 FSL 1980 FEL
NWSE Section 10 T9S R17E

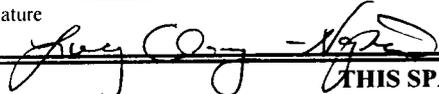
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

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

The above reference well was put on injection at 4:00 PM on 07-13-2010.

EPA # UT21230-08341 API # 43-013-30684

I hereby certify that the foregoing is true and correct (Printed/ Typed) Lucy Chavez-Naupoto	Title Administrative Assistant
Signature 	Date 07/14/2010
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)

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 10-10-9-17	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013306840000	
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: 1980 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE 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 type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 4/16/2015	<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 04/16/2015 the casing was pressured up to 1134 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 1344 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-08341		
		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY April 20, 2015
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 4/17/2015	

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: 4/15/15
 Test conducted by: Jonny Daniels
 Others present: _____

Well Name: <u>Castle Draw 10-10-9-17</u>	Type: <u>ER SWD</u>	Status: <u>AC TA UC</u>
Field: <u>Gimba</u>		
Location: <u>NW 1/4 Sec: 10 T 9 N 1/2 R 17 E</u> County: <u>Duchesne</u> State: <u>UT</u>		
Operator: <u>NEWFIELD EXPLORATION</u>		
Last MIT: <u>1/1</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: 1132 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	1344 psig	psig	psig
End of test pressure	1344 psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	1132 psig	psig	psig
5 minutes	1132 psig	psig	psig
10 minutes	1133 psig	psig	psig
15 minutes	1133 psig	psig	psig
20 minutes	1134 psig	psig	psig
25 minutes	1134 psig	psig	psig
30 minutes	1134 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

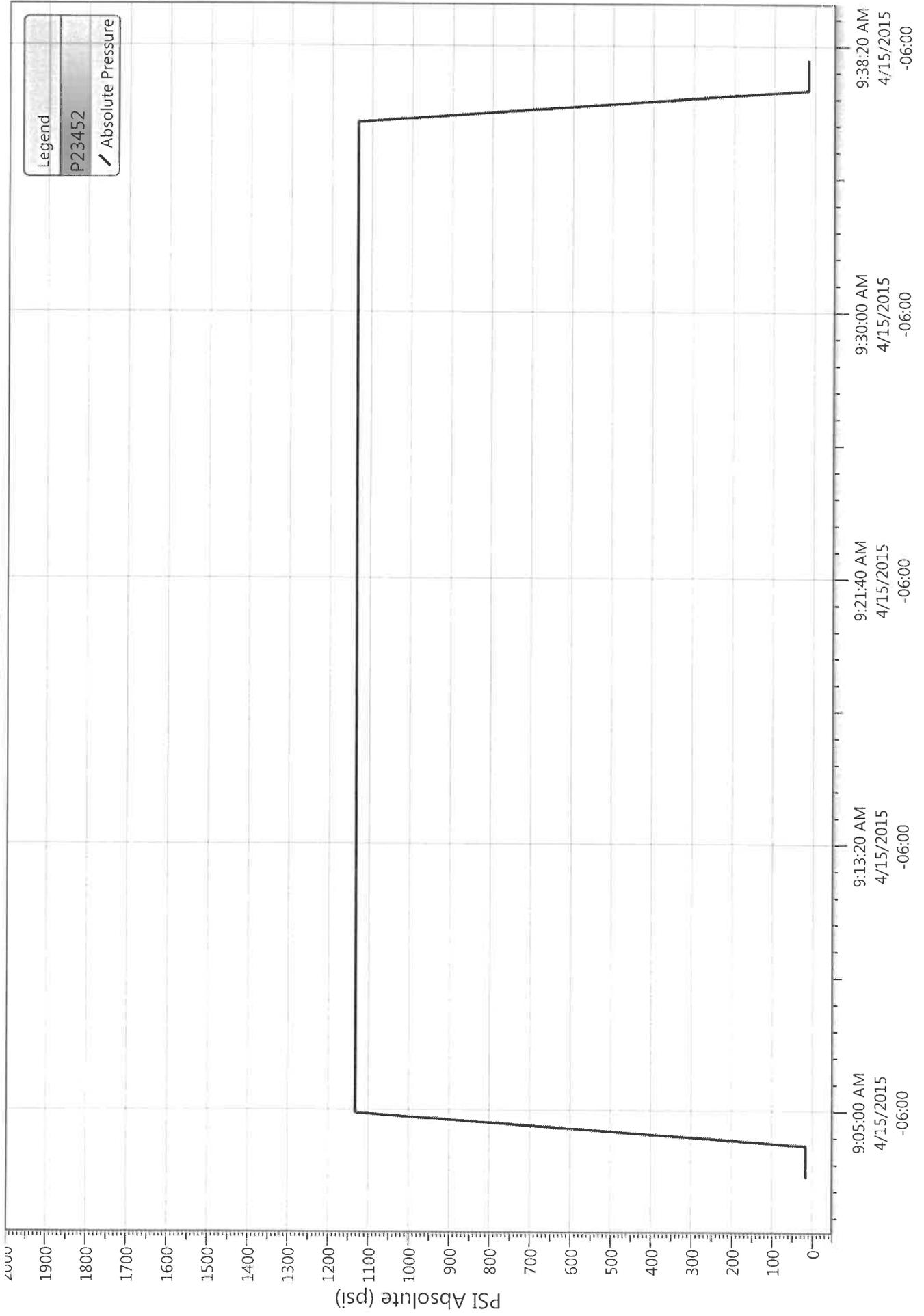
Does the annulus pressure build back up after the test? Yes No

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: [Signature]

castle draw 10-10 9-17
4/15/2015 9:02:52 AM



Spud Date: 10/31/82
 Put on Production: 12/20/82
 GL:5142' KB: 5160'

Castle Draw 10-10-9-17

(Formerly Castle Draw #2-J10)

Initial Production: 103 BOPD

SURFACE CASING

CSG SIZE: 9-5/8"
 GRADE: H-40
 WEIGHT: 32.3#
 LENGTH: 313.72' (7 jts)
 DEPTH LANDED: 331.72'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 188 sxs cmt. (50/50 pozmix)

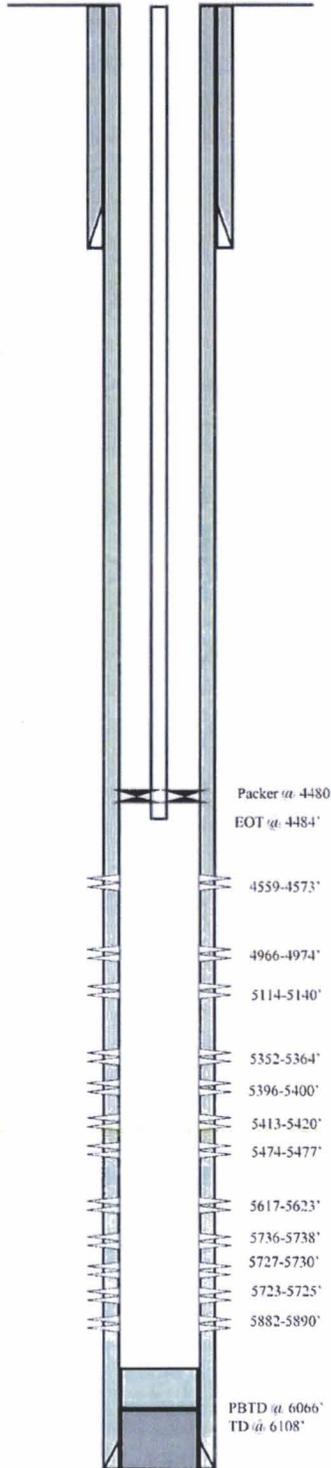
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 17# & 15.5#
 LENGTH: 6091.78' (145 jts & 1 pc)
 DEPTH LANDED: 6107.78'
 HOLE SIZE: 8-3/4"
 CEMENT DATA: 916 sks (50/50 pozmix)
 CEMENT TOP AT: Surface

TUBING

SIZE/GRADE/WT.: 2-3/8" J-55 - 4.7#
 NO. OF JOINTS: 141 jts (4457.4')
 SEATING NIPPLE: 2-3/8" (1.1')
 SN LANDED AT: 4475.4'
 CE @ 4478.83'
 TOTAL STRING LENGTH: EOT @ 4484'

Injection Wellbore Diagram



FRAC JOB

12/2/82	5882'-5890' 5723'-5738'	99,000# 20/40 sand. Treated at avg press of 2650 psi w/avg rate of 33 BPM. ISIP 1850 psi. 1 SPF
12/7/82	5352'-5617'	141,500# 20/40 sand. Treated at avg press of 1600 psi w/avg rate of 33.4 BPM. ISIP 1440 psi. 2 SPF
12/11/82	5114'-5140'	48,000# 20/40 sand. Formation broke down to 2700 psi at 11.6 BPM. 2 SPF
12/15/82	4966'-4974'	108,000# 20/40 sand. Treated at avg press of 2300 psi w/avg rate of 35 BPM. ISIP 2170 psi. 2 SPF
12/18/82	4559'-4573'	108,000# 20/40 sand. Treated at avg press of 2000 psi w/avg rate of 37.6 BPM. ISIP 2000 psi. 2 SPF
5/17/10		Convert to Injection well
5/18/10		MIT Completed - tbg detail updated

PERFORATION RECORD

(Limited information)

5882-5890'
 5723-5725'
 5727-5730'
 5736-5738'
 5617-5623'
 5474-5477'
 5413-5420'
 5396-5400'
 5352-5364'
 5114-5140'
 4966-4974'
 4559-4573'

NEWFIELD

Castle Draw #10-10-9-17

(Formerly Castle Draw #2-J10)

1980' FSL & 1980' FEL

NW/SE Section 10-T9S-R17E

Duchesne Co, Utah

API #43-013-30684; Lease #UTU-70821

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-70821
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Water Injection Well		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: CASTLE DRAW 10-10-9-17
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		9. API NUMBER: 43013306840000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980 FSL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSE 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 type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/18/2016	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="1 YR MIT"/>

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

1 YR MIT performed on the above listed well. On 03/18/2016 the casing was pressured up to 1093 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 1410 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-08341

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
March 21, 2016**

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 3/21/2016	

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: 3 / 18 / 2016
 Test conducted by: Shannon Lezenby
 Others present: _____

Well Name: <u>Castle Draw 10-10-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Greater Monument Butte</u>		
Location: <u>10-10-9-17</u> Sec: <u>10</u> T <u>95</u> N/S R <u>17</u> E/W County: <u>Duchesne</u> State: <u>ut</u>		
Operator: <u>Shannon Lezenby</u>		
Last MIT: <u> </u> / <u> </u> / <u> </u>	Maximum Allowable Pressure: <u>1461</u>	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 / 1410 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	psig	psig	psig
End of test pressure	psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1092.6</u> psig	psig	psig
5 minutes	<u>1092.8</u> psig	psig	psig
10 minutes	<u>1092.8</u> psig	psig	psig
15 minutes	<u>1092.4</u> psig	psig	psig
20 minutes	<u>1092.8</u> psig	psig	psig
25 minutes	<u>1092.8</u> psig	psig	psig
30 minutes	<u>1092.8</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: _____

10-10-9-17 5yr MIT
3/18/2016 8:09:25 AM

