

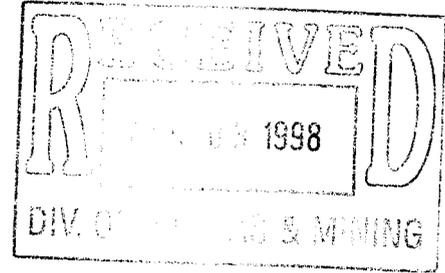


RESOURCES INC.

April 1, 1998

Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

**ATTENTION: Ed Forsman
Wayne Bankert**



Gentlemen:

Enclosed are the originals and two copies (each) of the Application For Permit To Drill, with the attached Conditions of Approval(s), and the Archaeological Cultural Survey Report for each, for the following locations:

Castle Draw 2-4-9-17
Castle Draw 3-4-9-17
Castle Draw 5-4-9-17
Castle Draw 8-4-9-17
Castle Draw 10-4-9-17
Castle Draw 12-4-9-17
Pleasant Valley 7-9-9-17

Castle Draw 1-9-9-17
Castle Draw 8-9-9-17
Castle Draw 6-4-9-17
Castle Draw 9-4-9-17
Castle Draw 11-4-9-17
Castle Draw 15-4-9-17

Please contact me in the Vernal Branch office (801) 789-1866, if you have any questions, or need additional information.

Sincerely,

Cheryl Cameron
Regulatory Compliance Specialist

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

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL [X] DEEPEN []
1b. TYPE OF WELL OIL WELL [X] GAS WELL [] OTHER [] SINGLE ZONE [] MULTIPLE ZONE []

2. NAME OF OPERATOR Inland Production Company

3. ADDRESS OF OPERATOR P.O. Box 790233 Vernal, UT 84079 Phone: (801) 789-1866

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements *) At Surface SE/NE At proposed Prod. Zone 2110.7' FNL & 609.7' FEL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 13.9 Miles southeast of Myton, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 609.7'

16. NO. OF ACRES IN LEASE 815.31

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. 6500'

19. PROPOSED DEPTH 6500'

20. ROTARY OR CABLE TOOLS Rotary

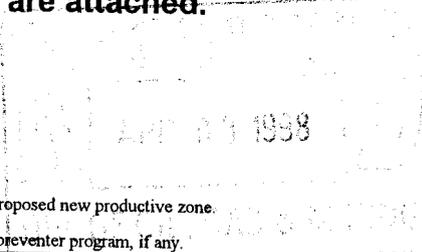
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5115.7' GR

22. APPROX. DATE WORK WILL START* 2nd Quarter 1998

Table with 5 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT/FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Content: Refer to Monument Butte Field SOP's Drilling Program/Casing Design

5. LEASE DESIGNATION AND SERIAL NO. U-75038
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME Castle Draw
9. WELL NO. #8-4-9-17
10. FIELD AND POOL OR WILDCAT Monument Butte
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 4, T9S, R17E
12. County Duchesne
13. STATE UT

The Conditions of Approval For Application For Permit To Drill are attached.



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 Cheryl Cameron TITLE Regulatory Compliance Specialist DATE 3/30/98

(This space for Federal or State office use)

PERMIT NO. 43-013-32077 APPROVAL DATE

Application approval 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.

CONDITIONS OF APPROVAL, IF ANY: Federal Approval of this Action is Necessary

APPROVED BY: Bradley G. Hill TITLE RECLAMATION SPECIALIST III DATE 4/20/98

*See Instructions On Reverse Side

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

T9S, R17E, S.L.B.&M.

INLAND PRODUCTION COMPANY

WELL LOCATION, CASTLE DRAW
#8-4-9-17, LOCATED AS SHOWN IN THE
SE 1/4 NE 1/4 OF SECTION 4, T9S,
R17E, S.L.B.&M. DUCHESNE COUNTY,
UTAH.



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

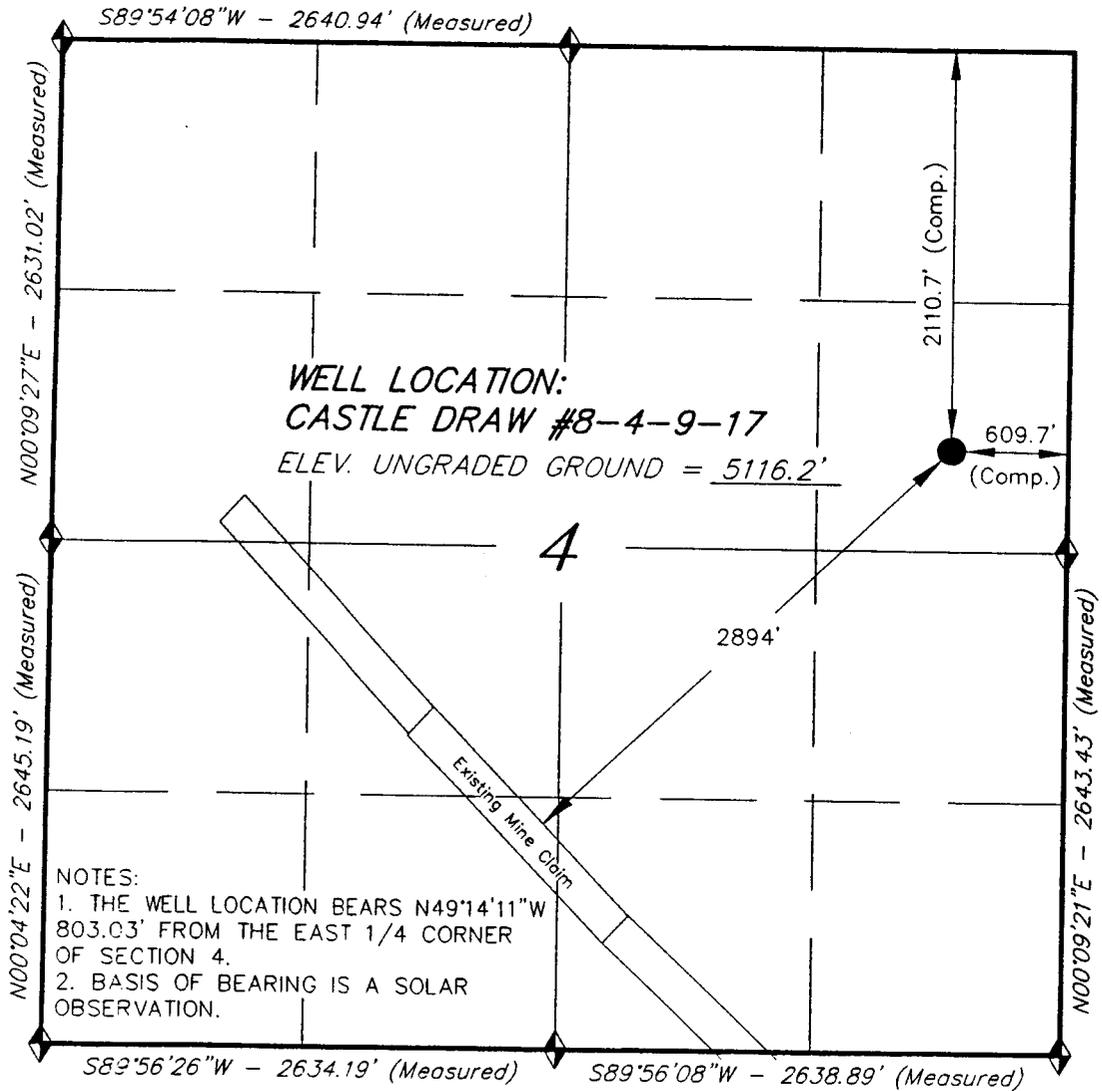
Sean W. Steiner

REGISTERED LAND SURVEYOR
REGISTRATION No. 189377
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING

38 WEST 100 NORTH - VERNAL, UTAH 84078
(801) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: DS NW
DATE: 3/9/98	WEATHER:
NOTES:	FILE # 8-4



WELL LOCATION:
CASTLE DRAW #8-4-9-17
ELEV. UNGRADED GROUND = 5116.2'

- NOTES:
1. THE WELL LOCATION BEARS N49°14'11" W
803.03' FROM THE EAST 1/4 CORNER
OF SECTION 4.
2. BASIS OF BEARING IS A SOLAR
OBSERVATION.

◆ = SECTION CORNERS LOCATED
BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

**INLAND PRODUCTION COMPANY
CASTLE DRAW #8-4-9-17
SE/NE SECTION 4, T9S, R17E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 1550'
Green River	1550'
Wasatch	6500'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 1550' – 6500' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "F".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H₂S will be encountered in this area.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**INLAND PRODUCTION COMPANY
CASTLE DRAW #8-4-9-17
SE/NE SECTION 4, T9S, R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Inland Production Company well location site Castle Draw 8-4-9-17 located in the SE 1/4 NE 1/4 Section 4, T9S, R17E, S.L.B. 7 M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.6 miles ± to the junction of this highway and UT State Hwy 53; proceed southeasterly along this road 12.6 miles to its junction with a dirt road to the north; proceed northerly 0.25 miles ± to its junction with a dirt road to the east; proceed easterly 0.2 miles to the beginning of the proposed access road.

2. PLANNED ACCESS ROAD

No access road is required. See Topographic Map "B".

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "D".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP. See Exhibit "E".

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

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

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION *Archaeological Survey & Pipeline ROW*

The Archaeological Cultural Resource Survey Report is attached.

Inland Production Company requests that a pipeline ROW be granted to the Castle Draw #8-4-9-17 for a 4" poly fuel gas line, and a 6" poly gas gatherline line. Both lines will be run on surface, adjacent to the existing road-way; the route will follow existing roads where possible. Inland requests that a 30' width for the ROW and an additional 30' width for working surface as necessary. Refer to Topographic Map "B".

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Cheryl Cameron
Address: P.O. Box 790233 Vernal, Utah 84079
Telephone: (435) 789-1866

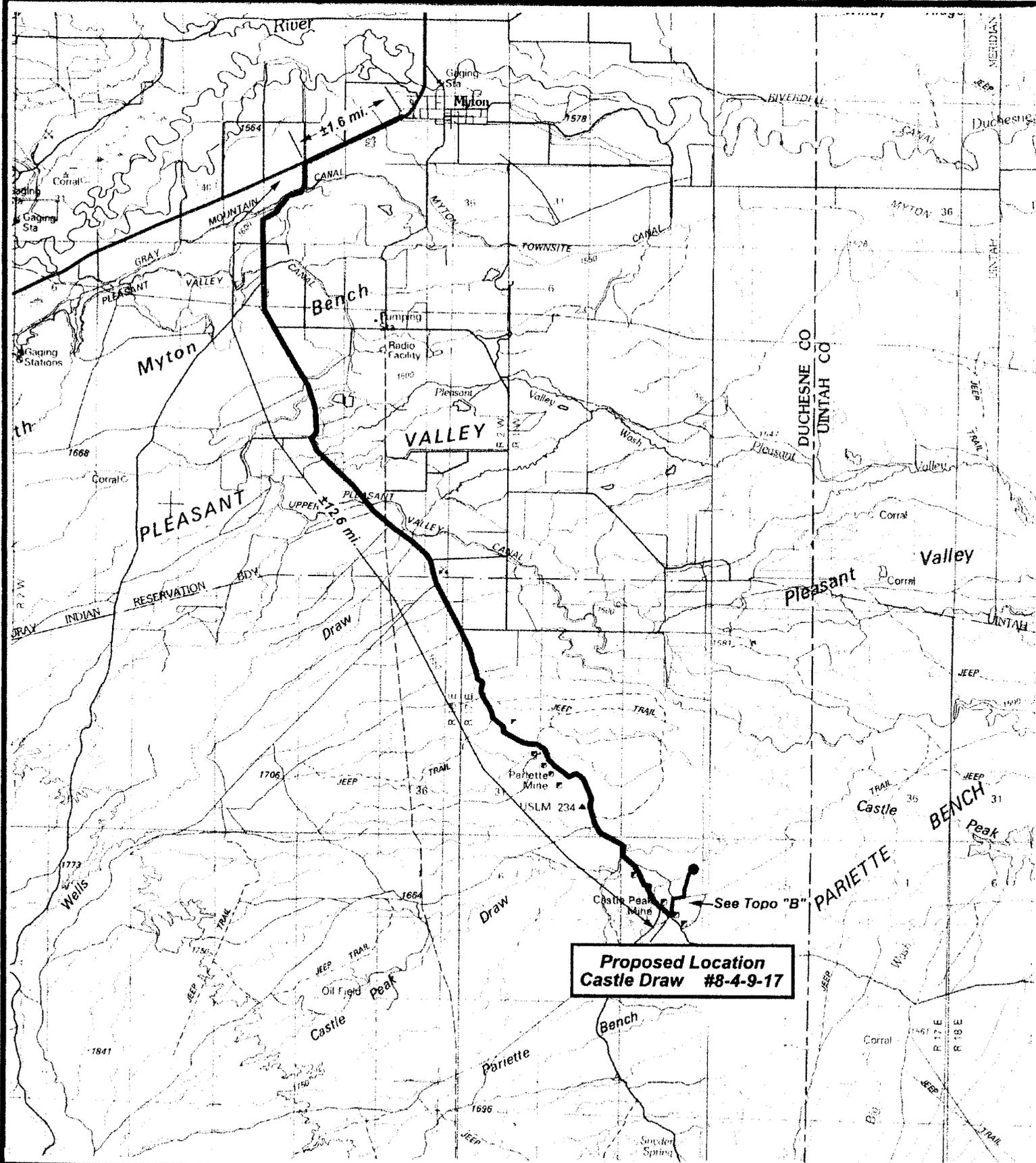
Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #8-4-9-17 SE/NE Section 4, Township 9S, Range 17E: Lease UTU-75038 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 Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

3/30/98
Date


Cheryl Cameron
Regulatory Compliance Specialist



**Proposed Location
Castle Draw #8-4-9-17**



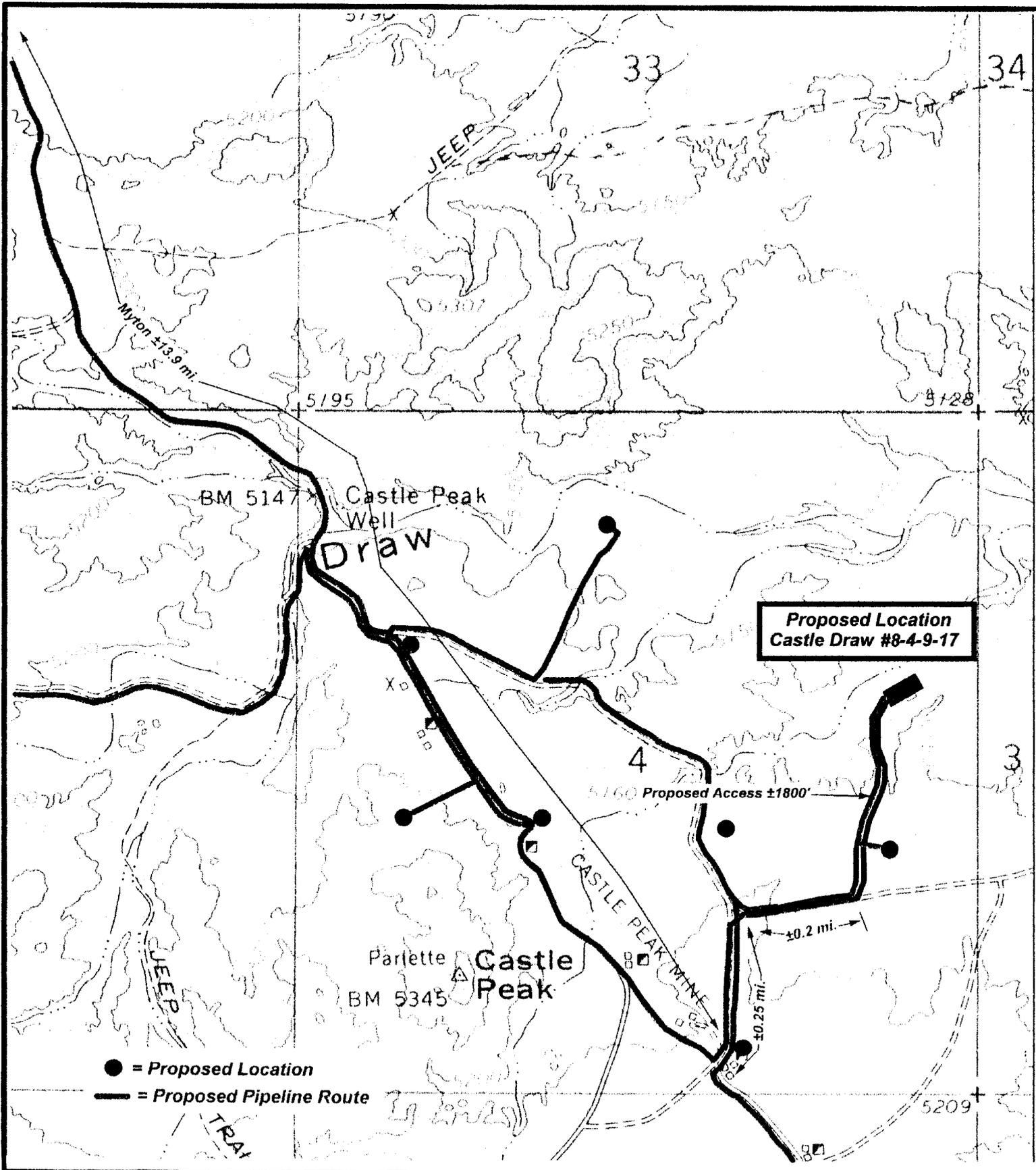
RESOURCES INC.

CASTLE DRAW #8-4-9-17
SEC. 4, T9S, R17E, S.L.B.&M.
TOPO "A"



Pro-Sure
Land Surveying Inc.
 (801) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078



CASTLE DRAW #8-4-9-17
SEC. 4, T9S, R17E, S.L.B.&M.
TOPO "B"



SCALE 1" = 1000'

The State
Land Surveyors Inc.
 (801) 781-2501
 58 WEST 100 NORTH VERNAL, UTAH 84078

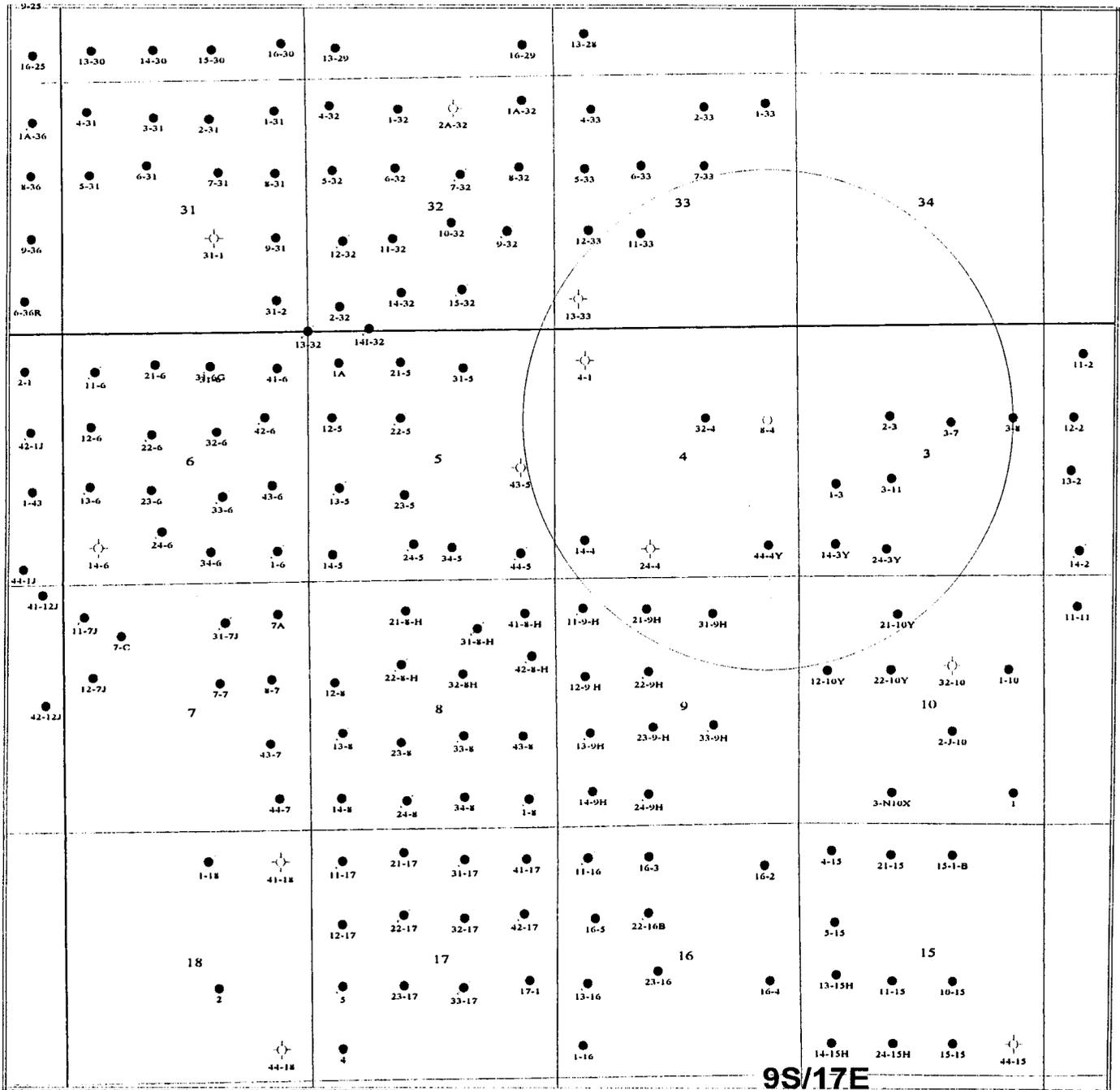
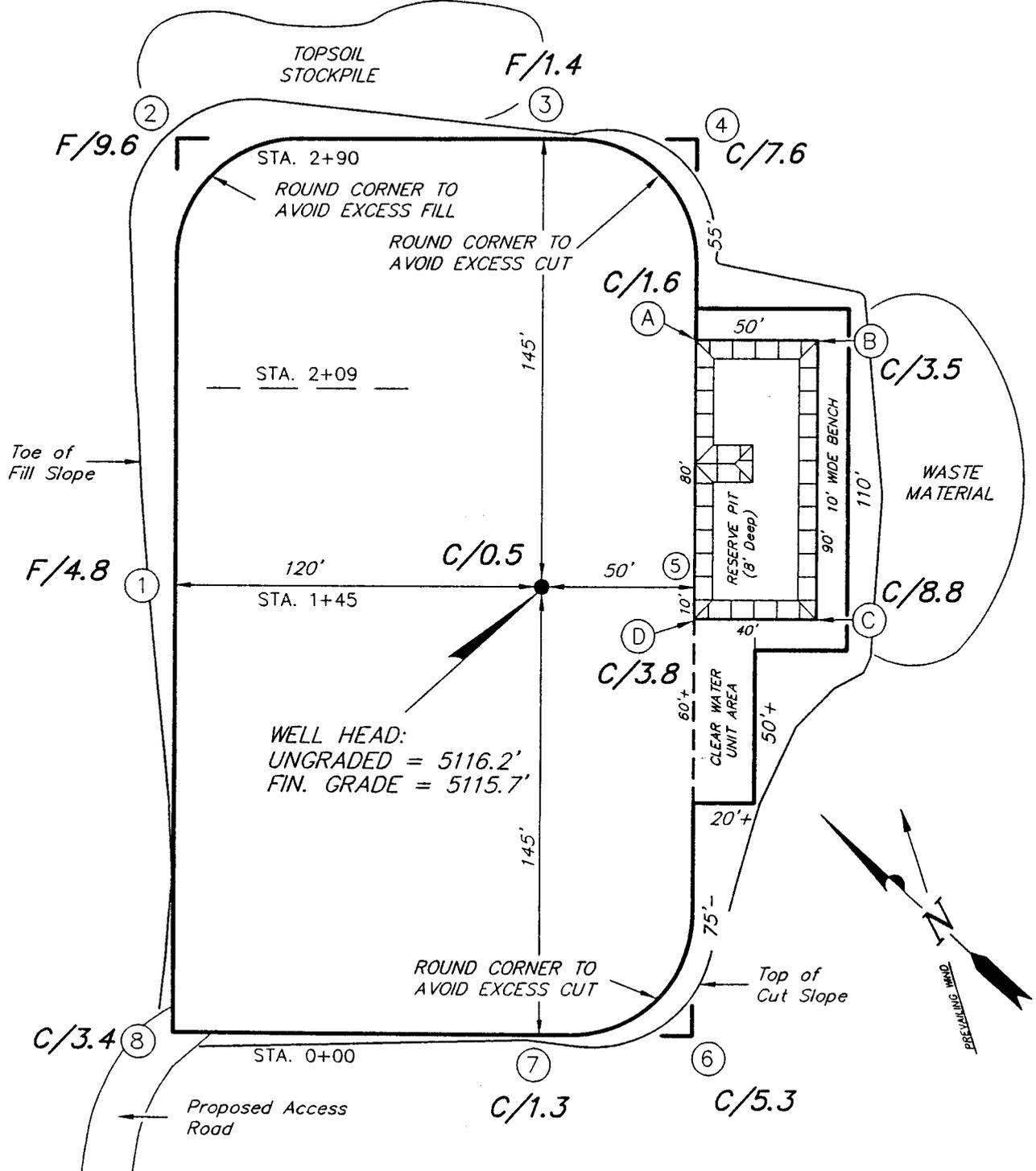


EXHIBIT "D"

INLAND PRODUCTION COMPANY		
ONE MILE RADIUS Castle Draw #8-4		
Jack Ardson		3/10/98
Scale 1:40000		

INLAND PRODUCTION COMPANY

CASTLE DRAW #8-4-9-17
 SEC. 4, T9S, R17E, S.L.B.&M.



REFERENCE POINTS

- 170' NORTHWEST = 5106.1'
- 220' NORTHWEST = 5116.5'
- 195' NORTHEAST = 5112.0'
- 245' NORTHEAST = 5112.1'

SURVEYED BY: DS NW

DRAWN BY: BRW

DATE: 3/9/98

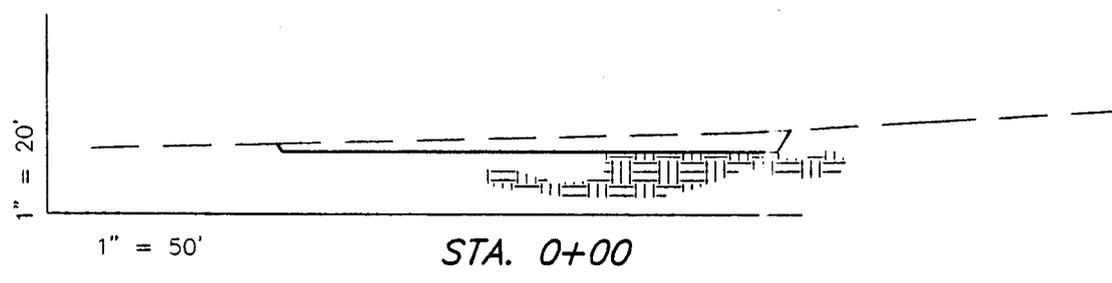
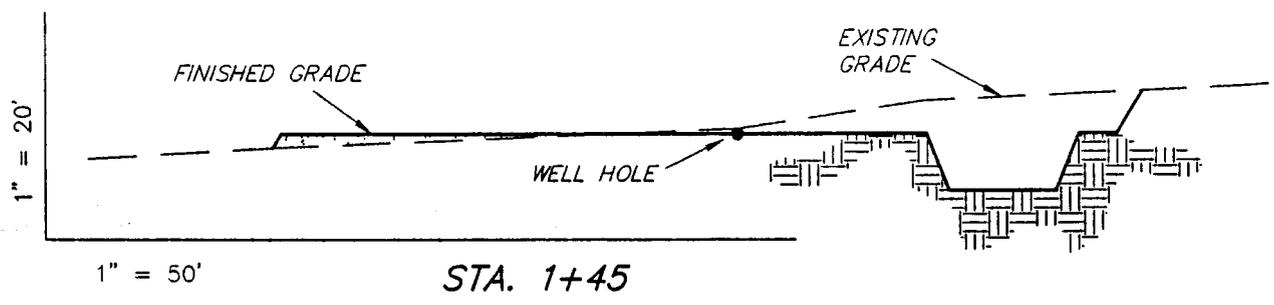
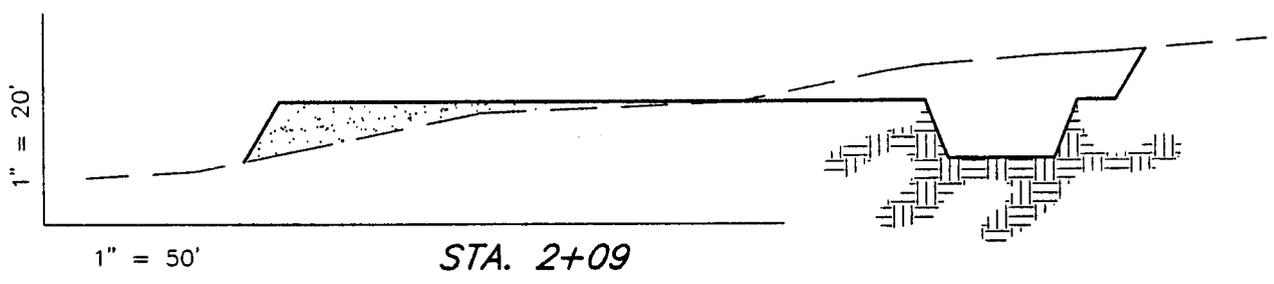
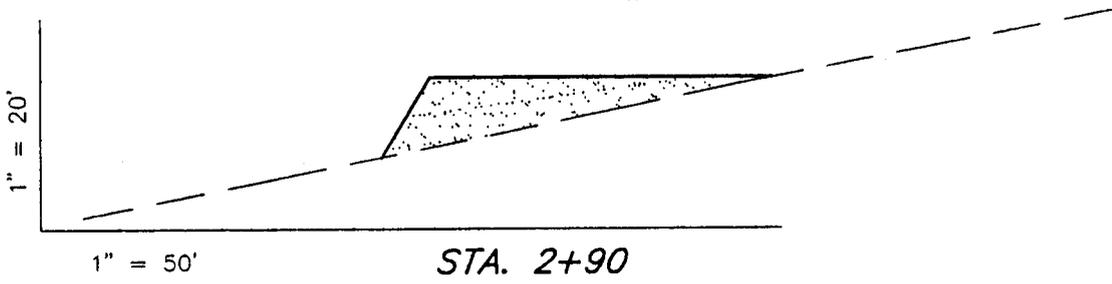
SCALE: 1" = 50'

FILE: 8-4

Tri State
 Land Surveying, Inc.
 (801) 781-2501
 38 WEST 100 NORTH VERNAL, UTAH 84073

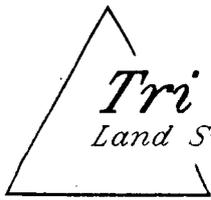
CROSS SECTIONS

CASTLE DRAW #8-4-9-17



APPROXIMATE YARDAGES

- CUT = 4,620 Cu. Yds.
- FILL = 3,300 Cu. Yds.
- PIT = 560 Cu. Yds.
- 6" TOPSOIL = 1,030 Cu. Yds.



Tri State
Land Surveying, Inc.
(801) 781-2501
38 WEST 100 NORTH, VERNAL, UTAH 84078

Well No.: Castle Draw 8-4-9-17

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Castle Draw 8-4-9-17

API Number:

Lease Number: UTU-75038

Location: SENE Sec. 4, T9S, R17E

GENERAL

Access pad from S, off of access road for 9-4 well location.

CULTURAL RESOURCES

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

PALEONTOLOGICAL RESOURCES

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

SOILS, WATERSHEDS, AND FLOODPLAINS

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

WILDLIFE AND FISHERIES

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

THREATENED, ENDANGERED, AND OTHER SENSITIVE SPECIES

See *CONDITIONS OF APPROVAL FOR INLAND RESOURCES MONUMENT BUTTE-MYTON BENCH WATERFLOOD ENVIRONMENTAL ASSESSMENT DUCHESNE AND UINTAH COUNTIES, UTAH EA NUMBER 1996-61.*

FERRUGINOUS HAWK: In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

OTHER

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/03/98

API NO. ASSIGNED: 43-013-32077

WELL NAME: CASTLE DRAW 8-4-9-17
 OPERATOR: INLAND PRODUCTION COMPANY (N5160)
 CONTACT: Cheryl Cameron (435) 789-1866

PROPOSED LOCATION:
 SENE 04 - T09S - R17E
 SURFACE: 2111-FNL-0610-FEL
 BOTTOM: 2111-FNL-0610-FEL
 DUCHESNE COUNTY
 MONUMENT BUTTE FIELD (105)

INSPECT LOCATION BY: / /		
TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: FED
 LEASE NUMBER: U-75038
 SURFACE OWNER: BLM

PROPOSED FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

Plat

Bond: Federal State [] Fee []
 (No. #4488944)

N Potash (Y/N)

N Oil Shale (Y/N) *190-5(B)

Water Permit
 (No. Johnson Water District)

N RDCC Review (Y/N)
 (Date: _____)

N/A St/Fee Surf Agreement (Y/N)

LOCATION AND SITING:

___ R649-2-3. Unit _____

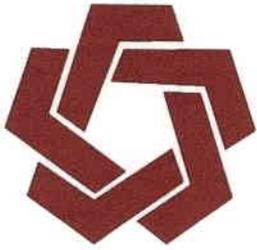
R649-3-2. General

___ R649-3-3. Exception

___ Drilling Unit
 Board Cause No: _____
 Date: _____

COMMENTS: * Standard operating Practices (SOP) separate file.

STIPULATIONS: ① FEDERAL APPROVAL



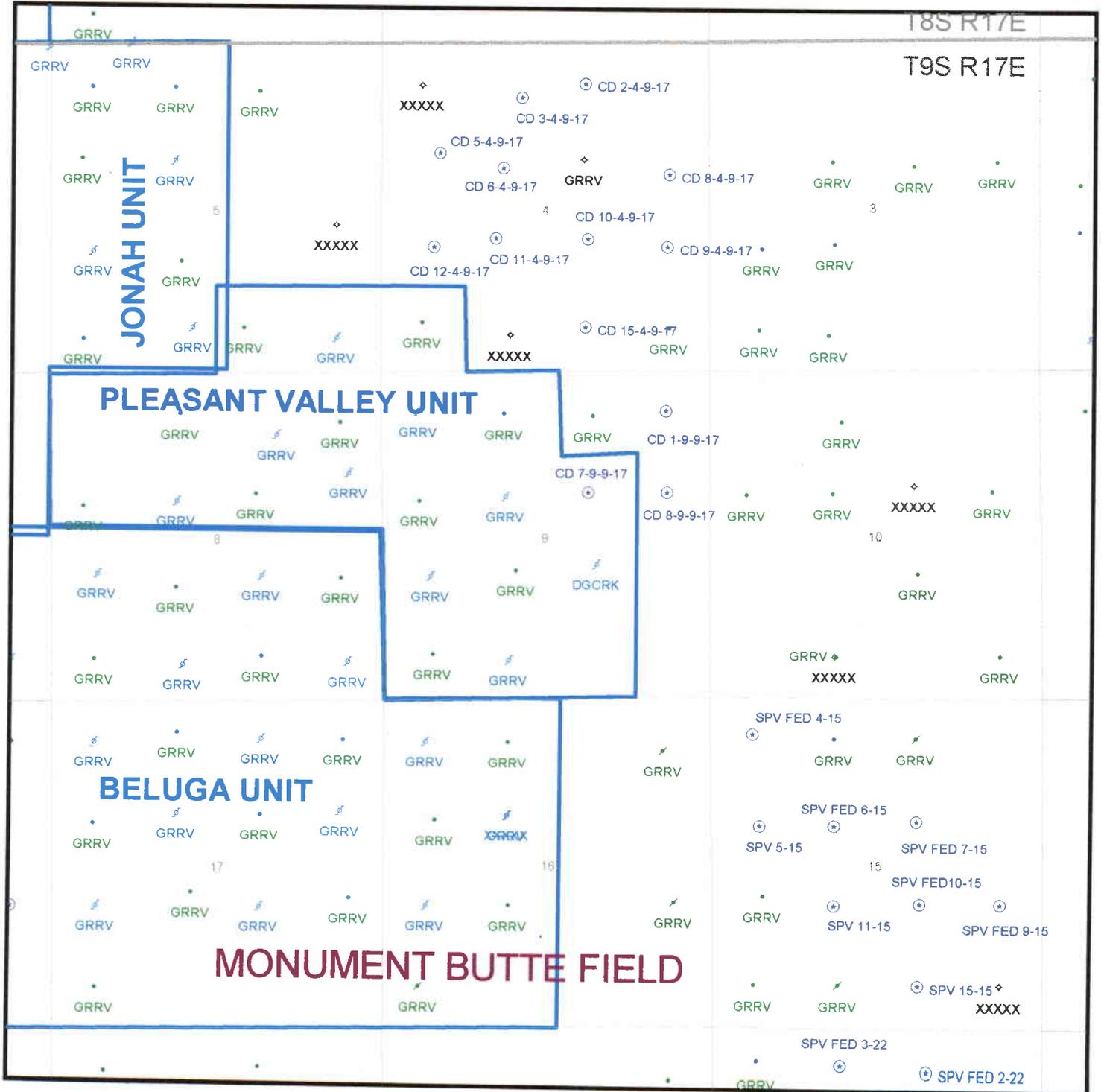
OPERATOR: INLAND PRODUCTION CO. (N5160)

FIELD: MONUMENT BUTTE (105)

SEC. 4 & 9, TWP. 9S, RNG. 17E,

COUNTY: DUCHESNE UAC: R649-3-2 R649-2-3 PLEASANT VALLEY UNIT

DIVISION OF OIL, GAS & MINING



DATE PREPARED:
6-APR-1998



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

April 20, 1998

Inland Production Company
P.O. Box 790233
Vernal, Utah 84079

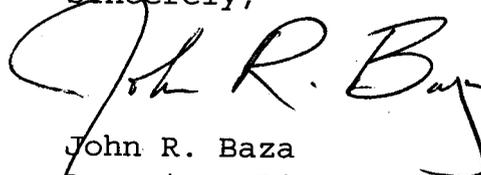
Re: Castle Draw 8-4-9-17 Well, 2111' FNL, 0610' FEL, SE NE, Sec. 4, T. 9 S., R. 17 E., Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32077.

Sincerely,



John R. Baza
Associate Director

lwp

Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Inland Production Company
Well Name & Number: Castle Draw 8-4-9-17
API Number: 43-013-32077
Lease: U-75038
Location: SE NE Sec. 4 T. 9 S. R. 17 E.

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

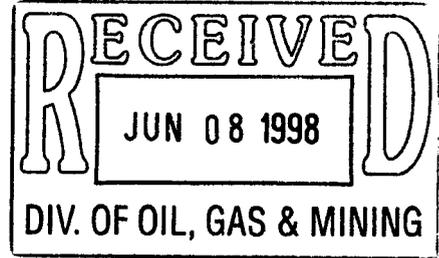
Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jim Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Dan Jarvis at (801) 538-5338 or John R. Baza at (801)538-5334.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supercede the required federal approval which must be obtained prior to drilling.



June 4, 1998

Mr. Mike Hebertson
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114

RE: Application for Location Exception
Castle Draw Fed. #8-4
T9S, R17E, S.L.M. 43-013-32077
Section 4: SENE
Duchesne County, Utah

Dear Mr. Hebertson:

Inland Production Company hereby requests administrative approval for a location exception to Rule R649-3-2, which governs the location of wells in the State of Utah.

The location of wells under Rule No. R649-3-2 should be in the center of the 40 acre quarter/quarter section with a 200 foot tolerance. Inland's proposed well is planned to be drilled on the NE quarter at ~~410.7' FNL, 609.7' FEL~~ of section 4, T9S R17E. This location was made necessary because of topographical conditions.

Inland is the only working interest owner within the 460 foot radius. Attached is an Affidavit to that affect and a plat identifying the 460' radius. The plat also identifies current well status.

Should you have any questions or concerns, please feel free to call me at (303) 893-0102.

Sincerely yours,

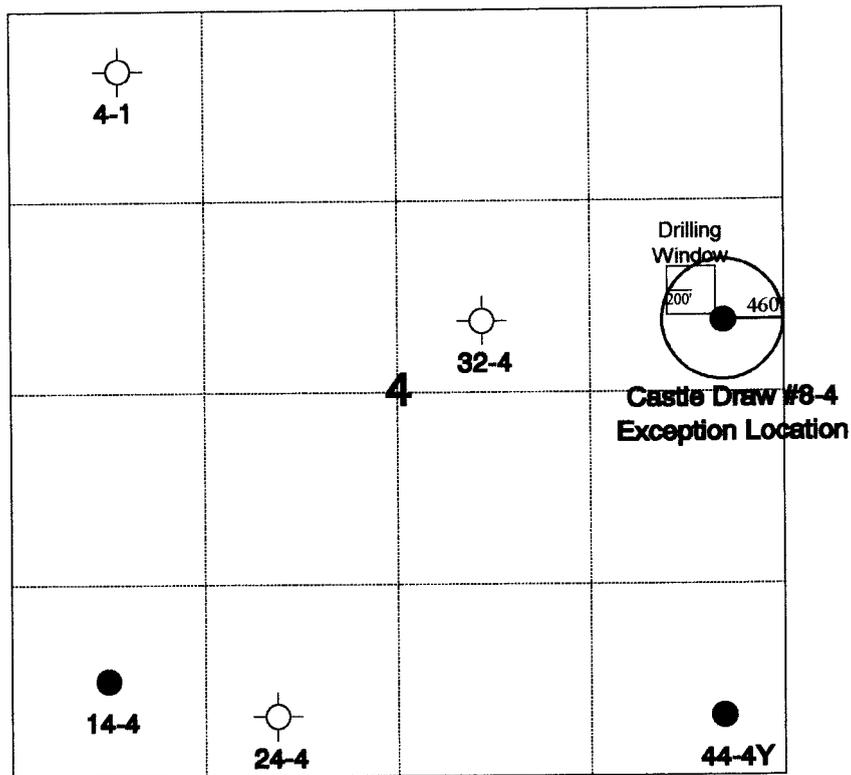
INLAND PRODUCTION COMPANY


Chris A Potter, CPL
Manager of Land

CC: Mr. Howard Cleavinger
Bureau of Land Management, Vernal District Office
170 South 500 East
Vernal Utah 84078

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Inland Production Company

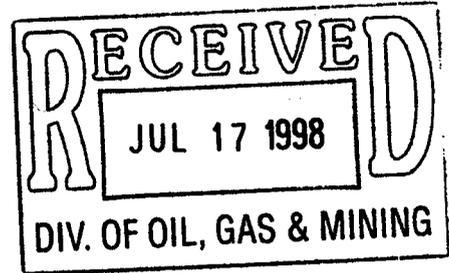


**Township 9 South, Range 17 East, SLM
Section 4**



July 15, 1998

Mr. Mike Hebertson
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114



RE: Applications for Location Exceptions
Castle Draw Fed. #8-4, #3-4, #12-4
T9S, R17E, S.L.M.
Section 4
Duchesne County, Utah

8-4/43-013-32077
3-4/43-013-32073
12-4/43-013-32082

Dear Mr. Hebertson:

On June 4th, Inland Production Company requested administrative approval for location exception to Rule R649-3-2, for those wells referenced above. This letter is a follow-up to those individual requests, seeking the approval by the State of Utah .

Please advise Inland of the status of the Division's approval as soon as it is convenient to do so. If additional information needed, we will be happy to accommodate your office.

Should you have any questions or concerns, please feel free to call me at (303) 893-0102.

Sincerely yours,

INLAND PRODUCTION COMPANY

Chris A Potter, CPL
Manager of Land

file:g\land\chris\6462.doc

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO. U-75038
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME Castle Draw
9. WELL NO. #8-4-9-17
10. FIELD AND POOL OR WILDCAT Monument Butte
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 4, T9S, R17E
12. County Duchesne 13. STATE UT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

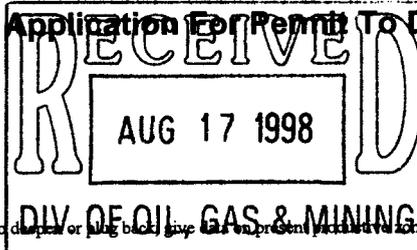
1a. TYPE OF WORK DRILL [X] DEEPEN []
1b. TYPE OF WELL OIL GAS SINGLE MULTIPLE WELL [X] WELL [] OTHER [] ZONE [] ZONE []
2. NAME OF OPERATOR Inland Production Company
3. ADDRESS OF OPERATOR P.O. Box 790233 Vernal, UT 84079 Phone: (801) 789-1866
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At Surface SE/NE At proposed Prod. Zone 2110.7' FNL & 609.7' FEL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 13.9 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) 609.7'
16. NO. OF ACRES IN LEASE 815.31
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. 6500'
19. PROPOSED DEPTH 6500'
20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5115.7' GR
22. APPROX. DATE WORK WILL START* 2nd Quarter 1998

23. PROPOSED CASING AND CEMENTING PROGRAM
Table with columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT/FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Content: Refer to Monument Butte Field SOP's Drilling Program/Casing Design

The Conditions of Approval For Application For Permit To Drill are attached.



RECEIVED APR 01 1998

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 Cheryl Cameron TITLE Regulatory Compliance Specialist DATE 3/30/98

(This space for Federal or State office use) NOTICE OF APPROVAL TO OPERATOR'S COPY

PERMIT NO. APPROVAL DATE Application approval 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.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY [Signature] TITLE ACTING Assistant Field Manager Mineral Resources DATE AUG 13 1998

*See Instructions On Reverse Side

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

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Castle Draw 8-4-9-17

API Number: 43-013-32077

Lease Number: U-75038

Location: SENE Sec. 04 T. 09S R. 17E

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application 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.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

SURFACE USE PROGRAM
Conditions of Approval (COA)
Inland Production Company - Well #8-4-9-17

Location Reclamation

The following seed mixture will be used on the stock piled topsoil, reclamation of the reserve pit and for final reclamation: (All poundages are in Pure Live Seed)

nuttalls saltbush	Atriplex nuttallii v. cuneata	3 lbs/acre
shadscale	Atriplex confertifolia	3 lbs/acre
fourwing saltbush	Atriplex canescens	4 lbs/acre
western wheatgrass	Agropyron smithii	2 lbs/acre

The location topsoil pile shall be seeded immediately after site construction by broadcasting the seed, then walking the topsoil pile with the dozer to plant the seed.

The reserve pit shall have a small amount of topsoil stock piled near by, not shown on the cut sheet, to be used to spread over the reserve pit area at the time the reserve pit is reclaimed.

At the time of final abandonment the location and access will be recontoured to natural topography and topsoil spread over the area and the surface seeded immediately. If the previously reclaimed surface of the reserve pit needs additional contouring, the topsoil over the pit will be scraped off and then used as additional topsoil for final reclamation.

Water Diversion

Construct a diversion structure above reserve pit in order to route water around the proposed location.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION CO

Well Name: CASTLE DRAW 8-4-9-17

Api No. 43-013-32077 Lease Type: FEDERAL

Section 4 Township 9S Range 17E County DUCHESNE

Drilling Contractor UNION RIG # 7

SPUDDED:

Date 9/8/98

Time 12:15 PM

How ROTARY

Drilling will commence _____

Reported by MIKE WARD

Telephone # _____

Date: 9/8/98 Signed: JLT

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-75038

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

NA

8. Well Name and No.

CASTLE DRAW 8-4-9-17

9. API Well No.

43-013-32077

10. Field and Pool, or Exploratory Area

MONUMENT 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.

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

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

2111 FNL 610 FEL SE/NE Section 4, T09S R17E

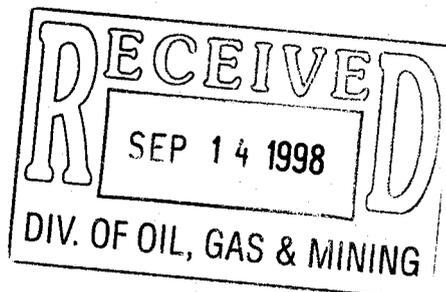
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <u>Surface Spud</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.)*

MIRU. Drl rat & mouse hole. **SPUD WELL @ 1:00 PM, 9/8/98.** Set conductor. RIH w/12-1/4" bit. Returns commenced through rat hole. Pull conductor & drill 20' of 17-1/2" hole. Set 24' of 14" conductor. Drl 12-1/4" to 319'. TOH w/drill string. Run 7 jts 8-5/8" Maverick 24# ST & C csg, J-55 csg. Set csg @ 300'. RU BJ & cmt hole w/160 sks Class "G" cmt w/2% CC & 1/4#/sk Cello Flake. Good returns throughout job. WOC.



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

Signed Shawna Smith Title Engineering Secretary Date 9/10/98

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: UTAH DOGM

OPERATOR Inland Production Company
ADDRESS 410 17th St., Suite 700
Denver, Colorado 80202

OPERATOR ACCT. NO. N 5160

ENTITY ACTION FORM - FORM 6

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE	
					QQ	SC	TP	RG	COUNTY			
B	99999	12391	43-013-32068	TAR SANDS FED	8-28-8-17	SE/NE	28	08S	17E	Duchesne	7/21/98	

WELL 1 COMMENTS: Spud well on 7/21/98 @ 10:30 am w/ Leon Ross.
entity added 9.11.98 (Greater Boundary (GR) unit) KDR

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE	
					QQ	SC	TP	RG	COUNTY			
B	99999	12391	43-013-32058	TAR SANDS FED	15-29-8-17	SW/SE	29	08S	17E	Duchesne	7/23/98	

WELL 2 COMMENTS: Spud well w/ Leon Ross on 7/23/98 @ 9:30 am.
entity added 9.11.98 (Greater Boundary (GR) unit) KDR

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE	
					QQ	SC	TP	RG	COUNTY			
A	99999	12456	43-013-32078	CASTLE DRAW	8-9-9-17	SE/NE	9	09S	17E	Duchesne	7/30/98	

WELL 3 COMMENTS: Spud well w/ Union #7 on 7/30/98 @ 12:00 pm.
entity added 9.11.98. KDR

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE	
					QQ	SC	TP	RG	COUNTY			
B	99999	12391	43-013-32059	TAR SANDS FED	14-29-8-17	SE/SW	29	08S	17E	Duchesne	8/6/98	

WELL 4 COMMENTS: Spud well w/ Leon Ross @ 11:30 am, 8/6/98
entity added 9.11.98 (Greater Boundary (GR) unit) KDR

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE	
					QQ	SC	TP	RG	COUNTY			
A	99999	12457	43-013-32075	CASTLE DRAW	6-4-9-17	SW/NW	4	09S	17E	Duchesne	8/17/98	

WELL 5 COMMENTS: Spud well w/ Union Rig #7 @ 12:15 pm, 8/17/98.
entity added 9/11/98. KDR

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.

Shannon Smelt
Signature

Engineering Secretary 9/9/98
Title Date

OPERATOR Inland Production Company
 ADDRESS 410 17th St, Suite 700
Denver, Colorado 80202

OPERATOR ACCT. NO. N 5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	12419	43-013-32003	Ashley Fed 15-1	SW/SE	1	09S	15E	Duchesne	9/1/98	

WELL 1 COMMENTS: Spud well @ 1:30 pm, 9/1/98 w/ Union Rig #14
 Ashley Unit entity added 9.11.98 (Ashley unit) KDR

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	12401	43-013-32071	CASTLE DRAW 1-9-9-17	NE/NE	9	09S	17E	Duchesne	8/31/98	

WELL 2 COMMENTS: Spud well w/ Union #7 @ 1:00 pm, 8/31/98
 entity added 9/11/98. KDR

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	12402	43-013-32077	CASTLE DRAW 8-4-9-17	SE/NE	4	09S	17E	Duchesne	9/8/98	

WELL 3 COMMENTS: Spud well w/ Union #7 @ 1:00 pm, 9/8/98.
 entity added 9/11/98. KDR

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

WELL 4 COMMENTS:

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.

Shannon Smith
 Signature
 Engineering Secretary 9/9/98
 Title Date

OPERATOR Inland Production Company
 ADDRESS 410 17th St., Suite 700
Denver, Colorado 80202

OPERATOR ACCT. NO. N 5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	12458	43-013-31084	TAR SANDS FED 10-33	NE 1/SE	33	09S	17E	Duchesne	8/15/98	

WELL 1 COMMENTS: Spud well w/ Union Lig #7 @ 11:00 pm, 8/15/98.
 Entity added 9/11/98. KDR

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	12459	43-013-32047	SOUTH WELLS DRAW 13-10-9-16	SW 1/SE	10	09S	16E	Duchesne	8/15/98	

WELL 2 COMMENTS: Spud well w/ Union, Rig #14 @ 12:00 am, 8/15/98.
 Entity added 9/11/98. KDR

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	12391	43-013-32060	TAR SANDS FED 6-29-8-17	SE 1/NW	29	09S	17E	Duchesne	8/10/98	

WELL 3 COMMENTS: Spud well w/ Leon Ross @ 2:30 pm, 8/12/98.
 Entity added 9-11-98 (greater boundary (OR) unit) KDR

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	12419	43-013-32004	ASHLEY FED 16-1-9-15	SE 1/SE	1	09S	15E	Duchesne	8/24/98	

WELL 4 COMMENTS: Spud well w/ Union #14 @ 3:00 pm, 8/24/98.
 Ashley unit Entity added 9-11-98 (Ashley unit) KDR

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
	99999	12460	43-013-32083	CASTLE DRAW 15-4-9-17	SW 1/SE	4	09S	17E	Duchesne	8/23/98	

WELL 5 COMMENTS: Spud well w/ Union #7 @ 2:00 pm, 8/23/98.
 Entity added 9-11-98. KDR

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.

Shannon Smith
 Signature
 Engineering Secretary 9/9/98
 Title Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.
U-75038

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

8. Well Name and No.
CASTLE DRAW 8-4-9-17

9. API Well No.
43-013-32077

10. Field and Pool, or Exploratory Area
MONUMENT 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.
410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
2111 FNL 610 FEL SE/NE Section 4, T09S R17E

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

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

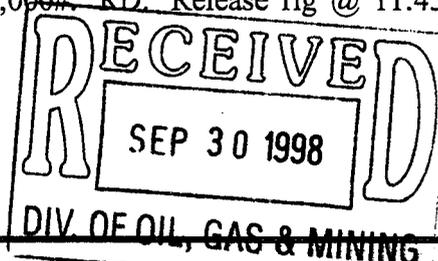
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)*

WEEKLY STATUS REPORT FOR THE PERIOD OF 9/10/98 - 9/23/98

Drilled 7-7/8" hole w/Union, Rig #7 from 319' - 5800'.

WOC. NU BOP's. Test BOP's. Blow out wtr. Drlg cmt & shoe. Run 5-1/2" GS, 1 jt 5-1/2" csg (43'), 5-1/2" FC, 134 jt 5-1/2", 15.5#, J-55, LT & C csg (5785'). Csg set @ 5794'. RD Casers. RU BJ. C&C. Pmp 20 bbl dye wtr & 20 bbl gel. Cmt w/240 sx Premium Lite Mod (11.0 ppg 3.42 cf/sk yield) & 275 sx Class "G" w/10% A-10 & 10% salt (14.4 ppg & 1.63 cf/sk yield). Good returns until POB w/1650 psi, 9:45 am, 9/15/98. Est 17 bbl gel to sfc. RD. ND BOP's. Set slips w/82,000#. RD. Release rig @ 11:45 am, 9/15/98. RDMOL.



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

Signed Shannon Smith Title Engineering Secretary Date 9/28/98

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: UTAH DOGM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.
U-75038

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

8. Well Name and No.
CASTLE DRAW 8-4-9-17

9. API Well No.
43-013-32077

10. Field and Pool, or Exploratory Area
MONUMENT 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.
410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)
2111 FNL 610 FEL SE/NE Section 4, T09S R17E

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

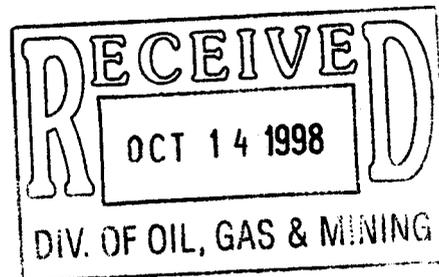
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
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	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>Weekly Status</u>
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(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.)*

WEEKLY STATUS REPORT FOR THE PERIOD OF 9/24/98 - 10/7/98

Perf CP sds @ 5551-71', 5610-15' & 5659-62'.
Perf B sds @ 4931-41', 4991-94' & 5040-50'.
Perf YDC sds @ 4581-89' & 4600-05'.



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

Signed Shannon Smith Title Engineering Secretary Date 10/9/98

(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
DRILLING INSPECTION FORM

OPERATOR: INLAND PRODUCTION CO COMPANY REP: MIKE WARD

WELL NAME CASTLE DRAW FED 8-4-9-17 API NO 43-013-32077

QTR/QTR: SE/NE SECTION: 4 TWP: 9S RANGE: 17E

CONTRACTOR: UNION DRILLING COMPANY RIG NUMBER: #7

INSPECTOR: DENNIS L INGRAM TIME: 10:30 AM DATE: 9/14/98

SPUD DATE: DRY: 9/8/98 ROTARY: 9/8/98 PROJECTED T.D.: 5800'

OPERATIONS AT TIME OF VISIT: DRILL AHEAD AT 5507'

WELL SIGN: Y MUD WEIGHT 8.4 LBS/GAL BOPE: Y

BLOOIE LINE: Y FLARE PIT: N H2S POTENTIAL: N

ENVIRONMENTAL:

RESERVE PIT: Y FENCED: Y LINED: NO PLASTIC: NO
RUBBER: _____ BENTONITE: _____ SANITATION: (2) _____

BOPE TEST RECORDED IN THE RIG DAILY TOUR BOOK: YES
TESTED 9/9/98

REMARKS:

(LAST HOLE WAS CASTLE DRAW #1-9, T.D. ON 9/6/98 AT 5750' AND
RAN 134 JTS OF 5 1/2" PRODUCTION CASING). OPERATOR HIT 1"
STREAM OF FRESH WATER AT 24' AND SET 14" CONDUCTOR PIPE--
CEMENTED SAME TO SURFACE. THIS RIG WILL BE T.D. TOMORROW AND
RUNNING PIPE, PLAN ON MOVING TO THE #12-4 NEXT. APD AND BOPE
TEST CHART IS DISPLAYED IN DOGHOUSE. SURVEYS SHOW BETWEEN 1 AND
1 1/4 DEGREE DEVIATION.

①

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
WORKOVER AND COMPLETION RECORD

OPERATOR: INLAND PRODUCTION COMPANY COMPANY REP: GARY DETTIS

WELL NAME: CASTLE DRAW #8-4-9-17 API NO: 43-013-32077

SECTION: 4 TWP: 9S RANGE: 17E COUNTY: DUCHESNE

TYPE OF WELL: OIL: YES GAS: _____ WATER INJECTION: _____

STATUS PRIOR TO WORKOVER: DRILL

INSPECTOR: DENNIS L. INGRAM TIME: 12:20 PM DATE: 10/8/98

REASON FOR WORKOVER:

CHANGE OF LIFT SYSTEM: _____ PUMP CHANGE: _____ PARTED RODS: _____

CASING OR LINER REPAIR: _____ ACIDIZE: _____ COMPLETION: YES

TUBING CHANGE: _____ WELLBORE CLEANOUT: _____ WELL DEEPENED: _____

ENHANCED RECOVERY: _____ THIEF ZONE: _____ CHANGE ZONE: _____

ENVIRONMENTAL/DISPOSITION OF FLUIDS USED: PIT TANK & 400 BBL.
UPRIGHT

PIT: LINED N UNLINED Y FRAC TANK 1-400 BOPE: YES H2S PRESENT: N

OPERATIONS AT THE TIME OF INSPECTION: TIH WITH PRODUCTION TUBING.

REMARKS:

KEY ENERGY RIG #57 HAS OPENED THREE DIFFERENT SETS OF PERFS FOR

INLAND ON THIS WELL AND WILL RUN RODS TOMORROW--SHOULD BE ON

PRODUCTION SOON.

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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U-75038

6. If Indian, Allottee or Tribe Name
NA

7. If Unit or CA, Agreement Designation
NA

8. Well Name and No.
CASTLE DRAW 8-4-9-17

9. API Well No.
43-013-32077

10. Field and Pool, or Exploratory Area
MONUMENT 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
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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)
2111 FNL 610 FEL SE/NE Section 4, T09S R17E

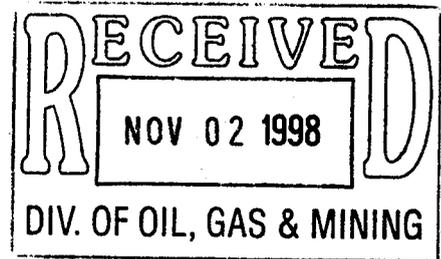
12. **CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other <u>Weekly Status</u>
	<input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

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

WEEKLY STATUS REPORT FOR THE PERIOD OF 10/8/98 - 10/21/98

Swab well. Trip production tbg.
Place well on producton @ 11:30 am, 10/10/98.



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

Signed Shannon Smith Title Engineering Secretary Date 10/28/98

(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**

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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

1b. TYPE OF WELL
 NEW WELL WORK OVER DEEPEN PLUG BACK DIFF RESVR. Other _____

5. LEASE DESIGNATION AND SERIAL NO.
U-75038

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
CASTLE DRAW 8-4-9-17

2. NAME OF OPERATOR
INLAND RESOURCES INC.

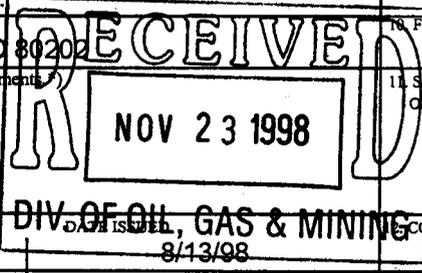
9. API WELL NO.
43-013-32077

3. ADDRESS AND TELEPHONE NO.
410 17th St. Suite 700 Denver, CO 80202

10. FIELD AND POOL OR WILDCAT
MONUMENT BUTTE

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements)
 At Surface
SE/NE
 At top prod. Interval reported below **2110.7' FNL & 609.7' FEL**

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Section 4, T09S R17E



14. PERMIT NO.
43-013-32077

12. COUNTY OR PARISH
DUCHESNE

13. STATE
UT

15. DATE SPUNDED **9/8/98** 16. DATE T.D. REACHED **9/14/98** 17. DATE COMPL. (Ready to prod.) **10/10/98** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
5126' KB 5116' GL 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD **5800'** 21. PLUG BACK T.D., MD & TVD **5744'** 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY **----->** ROTARY TOOLS **X** CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Green River 4581' - 5662'

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
DIGL/SP/GR/CAL - CN/CD/GR 11-23-98

27. WAS WELL CORED
No

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8	24#	300'	12-1/4	160 sx Class "G"	
5-1/2	15.5#	5794'	7-7/8	240 sx Premium Lite Modified	
				275 sx Class "G"	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	EOT @ 5655'	TA @ 5499'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	NUMBER
CP 5551-71', 5610-15', 5659-62'	4 SPF	112 Holes
B 4931-41', 4991-94', 5040-50'	4 SPF	92 Holes
YDC 4581-89', 4600-05'	4 SPF	52 Holes

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5551' - 5662'	103,769# 20/40 sd in 539 bbls Viking I-25
4931' - 5050'	120,503# 20/40 sd in 586 bbls Viking I-25
4581' - 4605'	96,155# 20/40 sd in 494 bbls Viking I-25

33.* PRODUCTION

DATE FIRST PRODUCTION **10/10/98** PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **2-1/2" x 1-1/2" x 15' RHAC Pump** WELL STATUS (Producing or shut-in) **Producing**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10 day ave	10/1/98		→	47	67	9	1.43

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

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

35. LIST OF ATTACHMENTS
Logs In Item #26

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

SIGNED Shannon Smith TITLE Engineering Secretary DATE 11/18/98

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

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

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Garden Gulch Mkr	3695'					
Garden Gulch 2	3997'					
Point 3 Mkr	4259'					
X Mkr	4497'					
Y-Mkr	4531'					
Douglas Creek Mkr	4663'					
BiCarbonate Mkr	4900'					
B Limestone Mkr	5048'					
Castle Peak	5506'					
Basal Carbonate	NDE					
Total Depth	5800'					

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	12457	12704	43-013-32075	Castle Draw #6-4	SENW	4	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		
	12462	12704	43-013-32077	Castle Draw #8-4	SENE	4	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	12443	12704	43-013-32079	Castle Draw #9-4	NESE	4	9S	17E	Duchesne		3/1/2000

WELL 3 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	12493	12704	43-013-32081	Castle Draw #11-4	NESW	4	9S	17E	Duchesne		3/1/2000

WELL 4 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		
	12460	12704	43-013-32083	Castle Draw #15-4	SWSE	4	9S	17E	Duchesne		3/1/2000

WELL 5 COMMENTS: Moved well to BlackJack Unit *000515 Entity Added.*

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.

(3/89)

RECEIVED

MAY 11 2000

DIVISION OF
 OIL, GAS AND MINING

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

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

5. Lease Designation and Serial No.	UTU-75038
6. If Indian, Allottee or Tribe Name	NA
7. If unit or CA, Agreement Designation	Blackjack
8. Well Name and No.	Castle Draw Fed #8-4-9-17
9. API Well No.	43-013-32077
10. Field and Pool, or Exploratory Area	Monument Butte
11. County or Parish, State	Duchesne County, UT

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas well <input type="checkbox"/> Other
2. Name of Operator INLAND PRODUCTION COMPANY
3. Address and Telephone No. 410 Seventeenth Street, Suite 700 Denver, CO 80202 (303) 893-0102
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SENE 2111' FNL & 610' FEL Sec. 4, T9S, 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"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing repair	<input type="checkbox"/> Water Shut-off
	<input type="checkbox"/> Altering Casing	<input checked="" type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other _____	<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 see attached injection application.

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

Signed Joyce J. McGough Title Regulatory Specialist Date April 9, 2001
Joyce J. McGough

(This space of 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 to make to any department 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

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or 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

Inland Production Co.

3. Address and Telephone No.

(303) 893-0102
410 Seventeenth Street, Suite 700 Denver, CO 80202

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

SE/NE 2111' FNL, 610' FEL Sec. 4, T9S, R17E

5. Lease Designation and Serial No.

UTU-75038

6. If Indian, Allottee or Tribe Name

NA

7. If unit or CA, Agreement Designation

Blackjack

8. Well Name and No.

Castle Draw Fed #8-4-9-17

9. API Well No.

43-013-32077

10. Field and Pool, or Exploratory Area

Monument Butte

11. County or Parish, State

Duchesne County, UT

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

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent
 Subsequent Report
 Final Abandonment Notice

Abandonment
 Recompletion
 Plugging Back
 Casing repair
 Altering Casing
 Other _____

Change of Plans
 New Construction
 Non-Routine Fracturing
 Water Shut-off
 Conversion to Injection
 Dispose Water

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

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

Please see attached injection application.

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

Signed

Joyce I. McGough
Joyce I. McGough

Title

Regulatory Specialist

Date

April 9, 2001

(This space of 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 to make to any department of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See Instruction on Reverse Side**



April 9, 2001

Mr. Emmett Schmitz
U.S. Environmental Protection Agency
Region VIII
999 18th Street, Suite 500
Denver, Colorado 80202-2405

RE: Permit Application for Water Injection Well
Castle Draw Federal #8-4-9-17
Monument Butte Field, Blackjack Unit, Lease #U-75038
Section 4-Township 9S-Range 17E
Duchesne County, Utah

Dear Mr. Schmitz:

Inland Production Company herein requests a permit to convert the Castle Draw Federal #8-4-9-17 from a producing oil well to a water injection well.

Included with this application is a cement bond log for your convenience. As they are difficult to copy, however, I would very much appreciate its return.

I hope you find this application complete; however, if you have any questions or require additional information, please contact George Rooney at (303) 893-0102.

Sincerely,

W. T. War
Vice President

Blackjack Unit
43-013-32077
KIC-274.1 *lc*

RECEIVED

APR 13 2001

DIVISION OF
OIL, GAS AND MINING



April 9, 2001

Mr. Dan Jarvis
State of Utah
Division of Oil, Gas and Mining
Post Office Box 145801
Salt Lake City, Utah 84114-5801

Re: Permit Application for Water Injection Well
Castle Draw Federal #8-4-9-17
Monument Butte Field, Blackjack Unit, Lease #U-75038
Section 4-Township 9S-Range 17E
Duchesne County, Utah

Dear Mr. Jarvis:

Inland Production Company herein requests approval to convert the Castle Draw Federal #8-4-9-17 from a producing oil well to a water injection well in the Blackjack Unit. Enclosed is a copy of the application filed with the EPA. Also enclosed is a sundry notice of intent.

I hope you find this application complete; however, if you have any questions or require additional information, please contact Joyce McGough or George Rooney at (303) 893-0102.

Sincerely,

Joyce McGough
Regulatory Specialist

Enclosure



April 9, 2001

Mr. Edwin I. Forsman
Bureau of Land Management
Vernal District Office, Division of Minerals
170 South 500 East
Vernal, Utah 84078

RE: Permit Application for Water Injection Well
Castle Draw Federal #8-4-9-17
Monument Butte Field, Blackjack Unit, Lease #U-75038
Section 4-Township 9S-Range 17E
Duchesne County, Utah

Dear Mr. Forsman:

Inland Production Company, as operator of the above referenced well, has requested to convert the above well from a producer to an injector. Enclosed for your review is a copy of the application filed with the EPA. Also enclosed is a sundry notice of intent.

Should you have any questions, please contact me or George Rooney at 303/893-0102.

Sincerely,

A handwritten signature in black ink that reads "Joyce D. McGough". The signature is written in a cursive style with a large, prominent initial "J".

Joyce McGough
Regulatory Specialist

Enclosures

INLAND PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
CASTLE DRAW FEDERAL #8-4-9-17
MONUMENT BUTTE (GREEN RIVER) FIELD
LEASE #U-75038
BLACKJACK UNIT
APRIL 9, 2001

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WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down, move out.

Castle Draw #8-4-9-17

Spud Date: 9/8/98
 Put on Production: 10/10/98
 GL: 5116' KB: 5126'

Initial Production: 47 BOPD;
 67 MCFD; 9 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (290')
 DEPTH LANDED: 300' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Premium cmt, est 7 bbls to surf.

CL

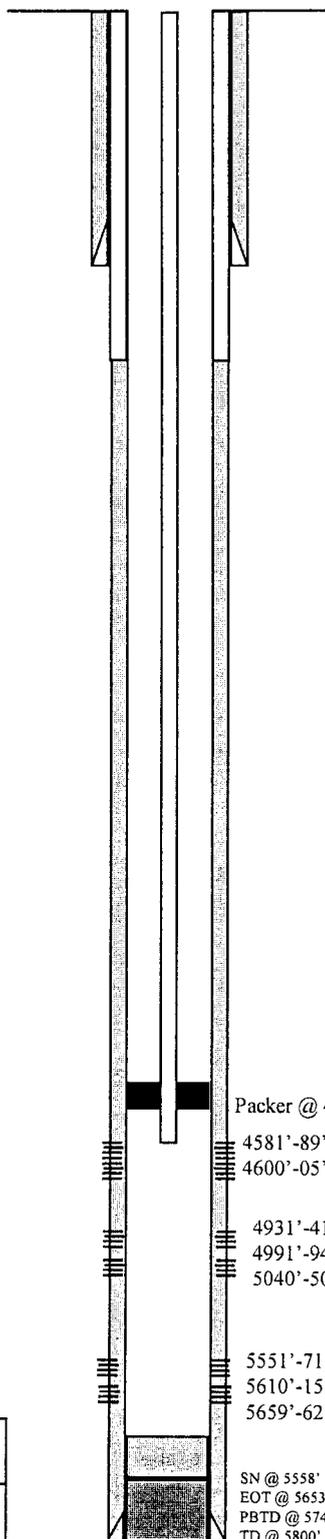
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 134 jts. (5785')
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 240 sxs modified mixed & 275 sxs class G
 CEMENT TOP AT: ? *2912*
 SET AT: 5794'

TUBING

DETAILS AFTER 5/4/00 WORKOVER:
 SIZE/GRADE/WT.: 2-7/8" / N-80 and
 M-50 / 6.5#
 NO. OF JOINTS: 2+1+SN+2+176 jts
 TUBING ANCHOR: 5497' KB
 SEATING NIPPLE: 2-7/8"
 TOTAL STRING LENGTH: 5655'
 SN LANDED AT: 5558'
 EOT @ 5653'

Proposed Injection
 Diagram



FRAC JOB

10/1/98 5551'-5662' **Frac CP sands as follows:**
 RU BJ Services & frac CP sds w/103,769#
 20/40 sd in 539 bbls Viking I-25 fluid.
 Perfs broke dn @ 3960 psi. Treated @ ave
 press of 1650 psi w/ave rate of 29.9 BPM.
 ISIP: 1800 psi, 5 min: 1657 psi.
 Flowback on 12/64 choke for 3-1/2 hrs &
 died.

10/2/98 4931'-5050' **Frac B sands as follows:**
 RU BJ Services & frac B sds w/120,503#
 20/40 sd in 586 bbls Viking I-25 fluid.
 Perfs broke back @ 2500 psi @ 16 BPM.
 Treated @ ave press of 1700 psi w/ave rate
 of 29.7 BPM. ISIP: 2400 psi, 5 min: 1920
 psi. Flowback on 12/64 choke for 4 hrs &
 died.

10/6/98 4581'-4605' **Frac YDC sands as follows:**
 RU BJ Services & frac YDC sds w/96,155#
 20/40 sd in 494 bbls Viking I-25 fluid.
 Perfs broke dn @ 1992 psi. Treated @ ave
 press of 2600 psi w/ave rate of 29.7 BPM.
 ISIP: 3000 psi, 5 min: 2866 psi.
 Flowback on 12/64 choke for 2-1/2 hrs &
 died.

PERFORATION RECORD

Date	Interval	Perforations	Holes
9/30/98	5551'-5571'	4 JSPF	80 holes
9/30/98	5610'-5615'	4 JSPF	20 holes
9/30/98	5659'-5662'	4 JSPF	12 holes
10/2/98	4931'-4941'	4 JSPF	40 holes
10/2/98	4991'-4994'	4 JSPF	12 holes
10/2/98	5040'-5050'	4 JSPF	40 holes
10/5/98	4581'-4589'	4 JSPF	32 holes
10/5/98	4600'-4605'	4 JSPF	20 holes

Packer @ 4550'

4581'-89'
 4600'-05'

4931'-41'
 4991'-94'
 5040'-50'

5551'-71'
 5610'-15'
 5659'-62'

SN @ 5558'
 EOT @ 5653'
 PBTD @ 5744'
 TD @ 5800'



Inland Resources Inc.

Castle Draw #8-4-9-17

2111 FNL 610 FEL
 SENE Section 4-T9S-R17E
 Duchesne Co, Utah
 API #43-013-32077; Lease #U-75038

Revised: 3/28/01 - JM

ATTACHMENT A
AREA OF REVIEW METHODS

Give the methods and, if appropriate, the calculations used to determine the size of the area of review (fixed radius or equation). The area of review shall be a fixed radius of 1/4 mile from the well bore unless the use of an equation is approved in advance by the Director.

The area of review shall be a fixed radius of ½ mile from the Castle Draw Federal #8-4-9-17. Inland Production Company has chosen to use a fixed radius of ½ mile to satisfy the requirements of both the EPA and the State of Utah.

Attachment A-1 One-half Mile Radius Map

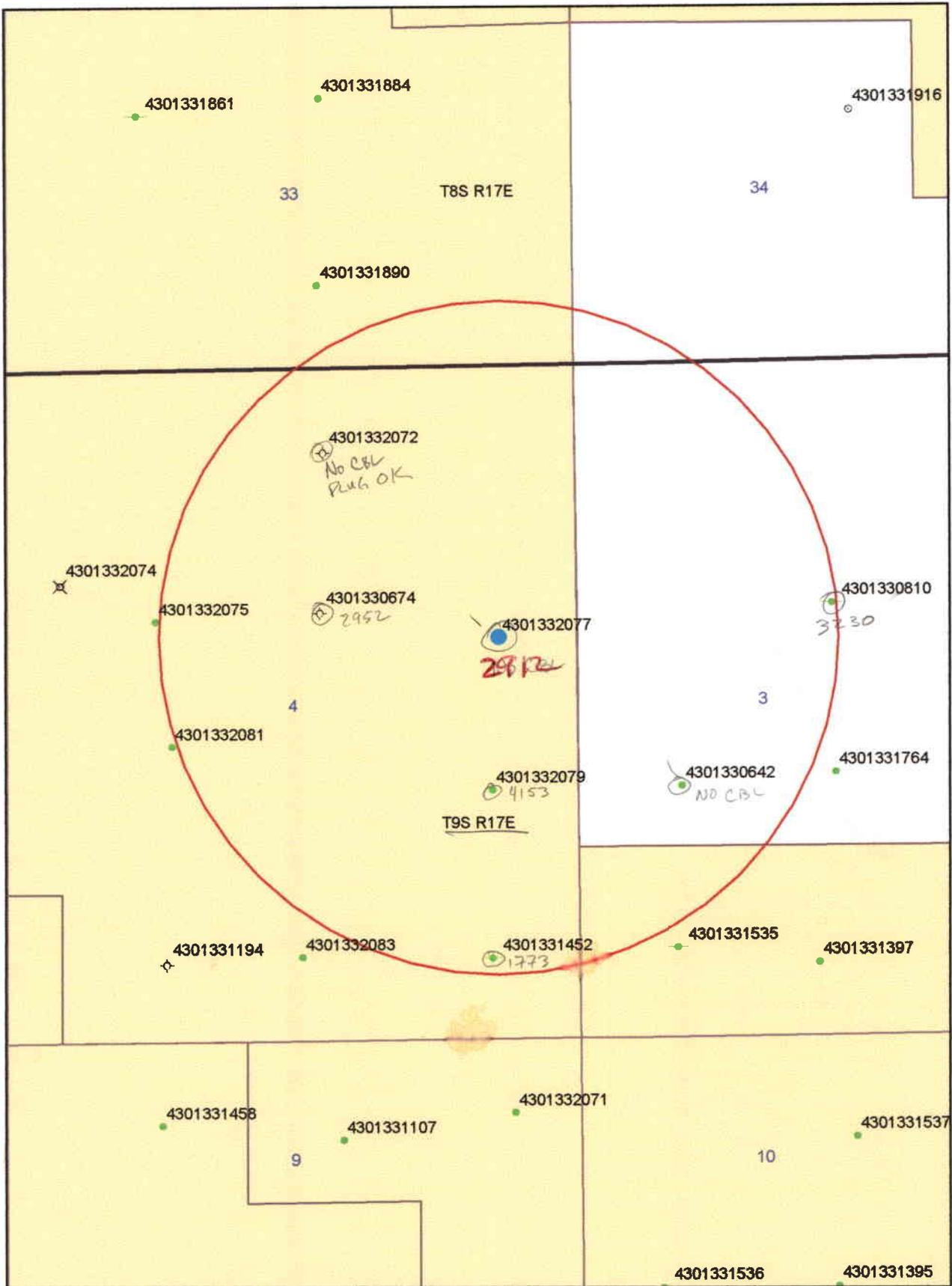
Attachment A-2 Listing of Surface Owners

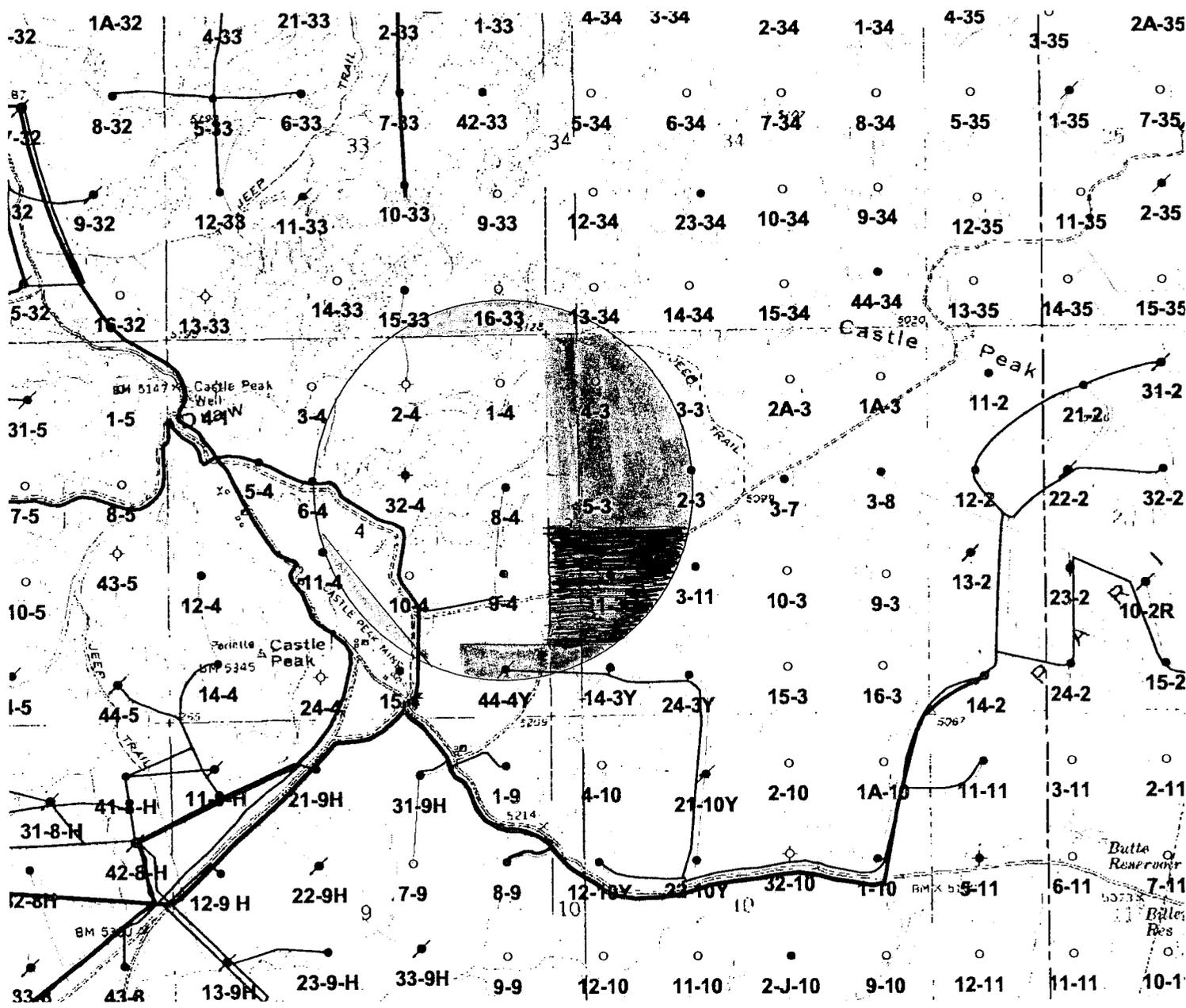
Attachment A-3 Certification for Surface Owner Notification

Attachment A-4 Well Location Plat

Attachment A-5 Name(s) and Address(s) of Surface Owners

UIC-274.1





Attachment A-2

Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1.	Township 9 South, Range 17 East Section 4: Lots 1-12, S/2N/E4 SE/4NW/4, S/2SE/4 Section 31: NE/4, E/2NW/4, NE/4SE/4	UTU-75038 HBP	Inland Production Company	(Surface Rights) USA
2.	Township 9 South, Range 17 East Section 3: L, 2,3,4, S/2N/2	UTU-61252 HBP	CoEnergy Rockies Wildrose Resources Corp	(Surface Rights) USA
3.	Township 9 South, Range 17 East Section 3: N/2S/2	UTU-44004 HBP	CoEnergy Rockies Wildrose Resources Corp	(Surface Rights) USA
4.	Township 9 South, Range 17 East Section 3: S/2S/2 Section 25: S/2S/2 Section 28: All Section 29: SE/4SW/4 Section 31: Lots 2-4, E/2SW/4, W/2SE/4	UTU-75037 HBP	Inland Production Company Yates Petroleum Corporation	(Surface Rights) USA
5	Township 8 South, Range 17 East Section 33: SW/NE, W2NW, SENW S2 Section 34: W/2SW, SE/4SW/4, SW/4SE/4	UTU -77234 HBP	Inland Production Company	(Surface Rights) USA

Attachment A-2
Page 2

#	Land Description	Minerals Ownership	Minerals Leased By
6	Township 9 South, Range 17 East Section 4: SE/4SE/4	UTU-659567	Inland Production Company
7	Township 9 South, Range 17 East Section 4: Baxter Lode "A" Mineral Survey No 5566, Baxter Lode "B" Mineral Survey No 5567, Baxter Lode "C" Mineral Survey No 5565, Baxter Lode "D" Mineral Survey No 5564, Lying in Sections 4 & 9 Section 9: Baxter Lode "E" Mineral Survey No 5563	Ziegler Chemical & Mineral Company	Inland Production Company

ATTACHMENT A-3

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

Re: Application for Approval of Class II Injection Well
Castle Draw Federal #8-4-9-17

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: 
Inland Production Company
W. T. War
Vice President

Sworn to and subscribed before me this 10th day of April, 2000.

Notary Public in and for the State of Colorado: 

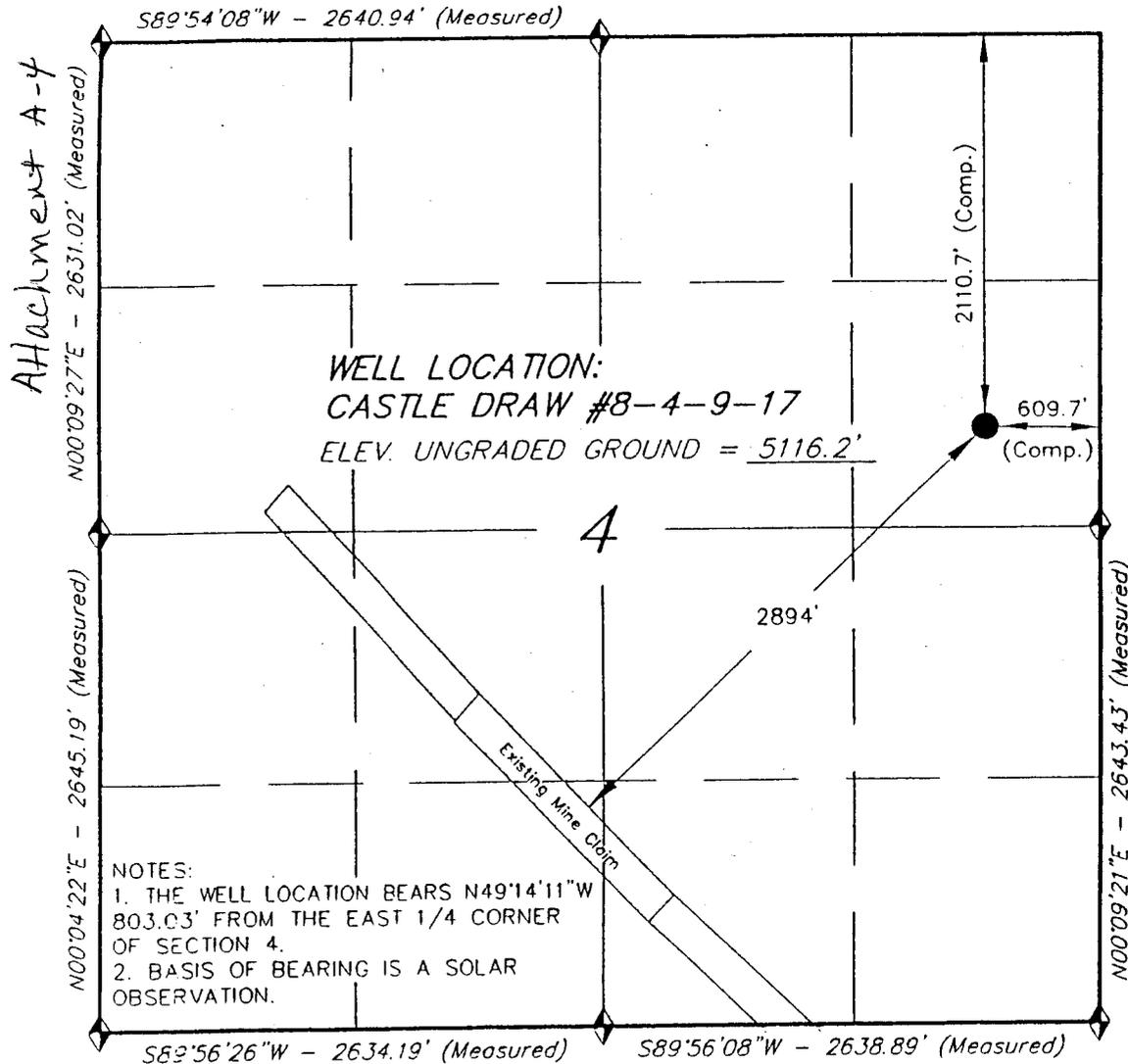


My commission expires: 7/16/01

T9S, R17E, S.L.B.&M.

INLAND PRODUCTION COMPANY

WELL LOCATION, CASTLE DRAW
 #8-4-9-17, LOCATED AS SHOWN IN THE
 SE 1/4 NE 1/4 OF SECTION 4, T9S,
 R17E, S.L.B.&M. DUCHESNE COUNTY,
 UTAH.



WELL LOCATION:
 CASTLE DRAW #8-4-9-17
 ELEV. UNGRADED GROUND = 5116.2'

NOTES:
 1. THE WELL LOCATION BEARS N49°14'11"W
 803.03' FROM THE EAST 1/4 CORNER
 OF SECTION 4.
 2. BASIS OF BEARING IS A SOLAR
 OBSERVATION.

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.

John W. Williams
 REGISTERED LAND SURVEYOR
 REGISTRATION No. 189377
 STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING	
38 WEST 100 NORTH - VERNAL, UTAH 84078 (801) 781-2501	
SCALE: 1" = 1000'	SURVEYED BY: DS NW
DATE: 3/9/98	WEATHER:
NOTES:	FILE # 8-4

◆ = SECTION CORNERS LOCATED
 BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

ATTACHMENT A-5

Names and Addresses of Surface Owners

1. USA

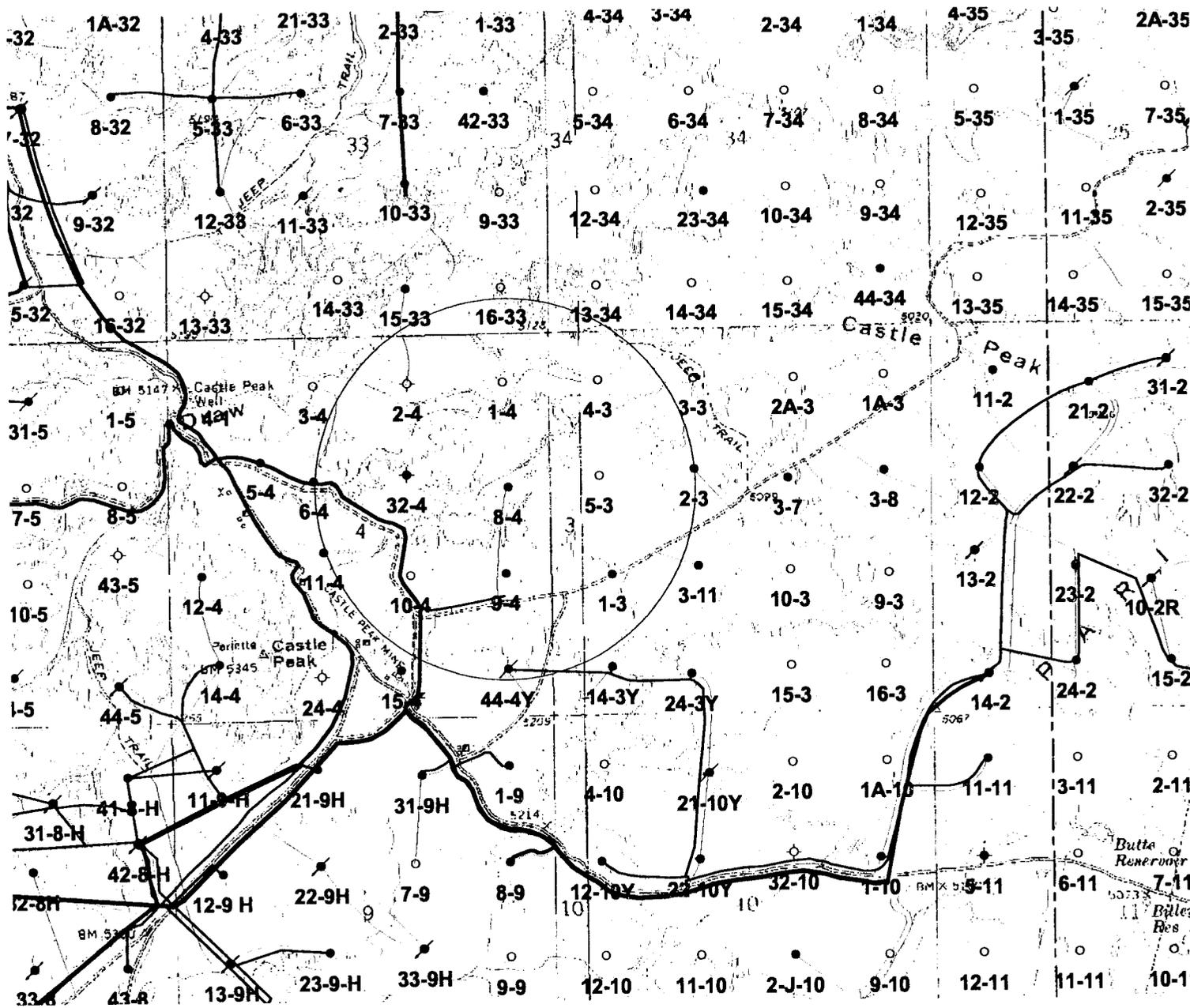
ATTACHMENT B

MAPS OF WELLS/AREA AND AREA OF REVIEW

Submit a topographic map, extending one mile beyond the property boundaries, showing the injection well(s) or project area for which a permit is sought and the applicable area of review.

There are no hazardous waste, treatment, storage or disposal facilities within a one-mile radius of the property boundaries.

Attachment B-1 Area of Review and Existing/Proposed Waterlines

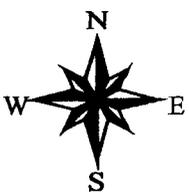


Well Categories

- INJ
- WTR
- SWD
- OIL
- GAS
- DRY
- SHUTIN
- SUSPENDED
- ABND
- LOC

Infrastructure

- Water_return.shp
- Roads_nondigitized.shp
- Gas6inch.shp
- Waterpickup.shp
- Water4inch.shp
- 05-radius.shp
- Johnson_wtr_line.shp
- Gas4inch.shp
- Gas10inch.shp
- Gas_buried.shp
- Water6inch.shp
- Roads_short.shp
- Water1inch.shp
- Gas_meters.shp
- Landgrid



**0.5 mile radius
Castle Draw 8-4
Sec 4-T9S-R17E**

Attachment B-1

Inland Resources Inc.

ATTACHMENT C
CORRECTIVE ACTION PLAN AND WELL DATA

Submit a tabulation of data reasonably available from public records or otherwise known to the applicant on all wells within the area of review, including those on the map required in Attachment B, which penetrate the proposed injection zone.

Step rate tests will be performed periodically to determine the fracture pressure. The injection pressure will be kept under the fracture pressure.

Attachment C-1	Wellbore Diagram – Castle Draw Federal #8-4-9-17
Attachment C-2	Wellbore Diagram – Mon Butte Federal #1-3-9-17
Attachment C-3	Wellbore Diagram – Mon Butte Federal #2-3-9-17
Attachment C-4	Wellbore Diagram – Castle Draw Federal #2-4-9-17
Attachment C-5	Wellbore Diagram – Castle Draw Federal #6-4-9-17
Attachment C-6	Wellbore Diagram – Castle Draw Federal #9-4-9-17
Attachment C-7	Wellbore Diagram – Castle Draw Federal #11-4-9-17
Attachment C-8	Wellbore Diagram – Paiute Federal #32-4-9-17
Attachment C-9	Wellbore Diagram – Balcron Federal #44-4Y-9-17

Castle Draw #8-4-9-17

Spud Date: 9/8/98
 Put on Production: 10/10/98
 GL: 5116' KB: 5126'

Initial Production: 47 BOPD;
 67 MCFD; 9 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (290')
 DEPTH LANDED: 300' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Premium cmt, est 7 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 134 jts. (5785')
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 240 sxs modified mixed & 275 sxs class G
 CEMENT TOP AT: ? *CBL ?*
 SET AT: 5794'

TUBING

DETAILS AFTER 5/4/00 WORKOVER:

SIZE/GRADE/WT.: 2-7/8" / N-80 and M-50 / 6.5#

NO. OF JOINTS: 2+1+SN+2+176 jts
 TUBING ANCHOR: 5497' KB
 SEATING NIPPLE: 2-7/8"
 TOTAL STRING LENGTH: 5655'
 SN LANDED AT: 5558'

EOT @ 5653'

SUCKER RODS

DETAILS AFTER 5/4/00 WORKOVER:

POLISHED ROD: 1-1/2"

SUCKER RODS: (pump), four 1-1/2" weight rods; four 3/4" scraped; 30 - 3/4" plain; eight 3/4" scraped; 80 - 3/4" plain; 96 - 3/4" scraped and one 8' x 3/4" pony rod.

PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC Pump

STROKE LENGTH: 80"

PUMP SPEED, SPM: 6 SPM

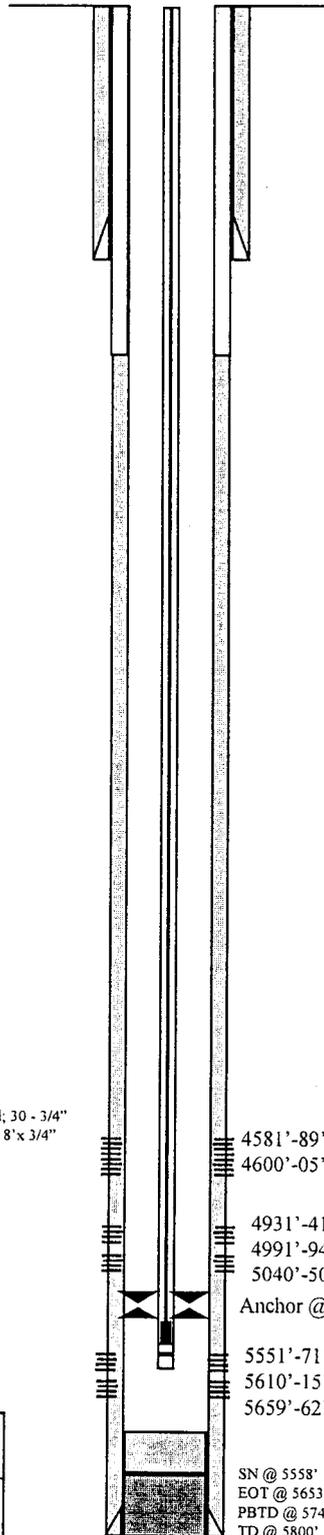
LOGS: DIGL/SP/GR/CAL
 SDL/DSN/GR

FRAC JOB

10/1/98 5551'-5662' **Frac CP sands as follows:**
 RU BJ Services & frac CP sds w/103,769# 20/40 sd in 539 bbls Viking I-25 fluid. Perfs broke dn @ 3960 psi. Treated @ ave press of 1650 psi w/ave rate of 29.9 BPM. ISIP: 1800 psi, 5 min: 1657 psi. Flowback on 12/64 choke for 3-1/2 hrs & died.

10/2/98 4931'-5050' **Frac B sands as follows:**
 RU BJ Services & frac B sds w/120,503# 20/40 sd in 586 bbls Viking I-25 fluid. Perfs broke back @ 2500 psi @ 16 BPM. Treated @ ave press of 1700 psi w/ave rate of 29.7 BPM. ISIP: 2400 psi, 5 min: 1920 psi. Flowback on 12/64 choke for 4 hrs & died.

10/6/98 4581'-4605' **Frac YDC sands as follows:**
 RU BJ Services & frac YDC sds w/96,155# 20/40 sd in 494 bbls Viking I-25 fluid. Perfs broke dn @ 1992 psi. Treated @ ave press of 2600 psi w/ave rate of 29.7 BPM. ISIP: 3000 psi, 5 min: 2866 psi. Flowback on 12/64 choke for 2-1/2 hrs & died.



PERFORATION RECORD

Date	Depth Range	Perforation Type	Holes
9/30/98	5551' - 5571'	4 JSPF	80 holes
9/30/98	5610' - 5615'	4 JSPF	20 holes
9/30/98	5659' - 5662'	4 JSPF	12 holes
10/2/98	4931' - 4941'	4 JSPF	40 holes
10/2/98	4991' - 4994'	4 JSPF	12 holes
10/2/98	5040' - 5050'	4 JSPF	40 holes
10/5/98	4581' - 4589'	4 JSPF	32 holes
10/5/98	4600' - 4605'	4 JSPF	20 holes



Inland Resources Inc.

Castle Draw #8-4-9-17

2111 FNL 610 FEL
 SENE Section 4-T9S-R17E
 Duchesne Co, Utah

API #43-013-32077; Lease #U-75038

Monument Butte Federal #1-3

Spud Date: 3/10/82
 Put on Production: 4/22/82
 GL: 5156' KB: 5171'

Initial Production: 90 BOPD, ?
 MCFPD, 15 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE:
 WEIGHT:
 LENGTH:
 DEPTH LANDED: 312'
 HOLE SIZE:
 CEMENT DATA: 225 sxs cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE:
 WEIGHT:
 LENGTH:
 DEPTH LANDED: 6212'
 HOLE SIZE:
 CEMENT DATA: 955 sxs
 CEMENT TOP AT:

TUBING

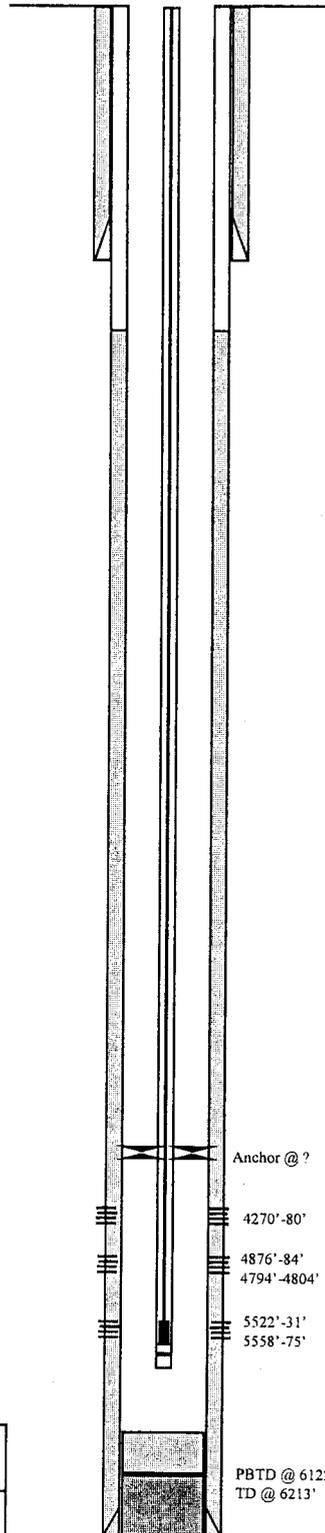
SIZE/GRADE/WT.: 2-7/8"
 NO. OF JOINTS: ? 4995'
 TUBING ANCHOR:
 SEATING NIPPLE:
 TOTAL STRING LENGTH:
 SN LANDED AT:

SUCKER RODS

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

FRAC JOB

SWFR (5558'-5575') 18 holes - acid w/3500 gal WFC-1 acid
 SWFR (5522'-5531') 10 holes - frac w/9000 gal Diesel pad
 36,000# 20/40 sand 12,000# 10/20 sand
 SWFR (4794'-4884') 1 SPF - frac w.27,000 gal frac fluid
 36,000# 20/40 sand 12,000# 10/20 sand.
 SWFR (4270'-4280') 1 SPF - bk down w/1100 gal diesel- frac
 w/10,102 gal diesel 16,000# 20/40 sand
 6400# 10/20 sand



PERFORATION RECORD

Inland Resources Inc.
 Monument Butte Federal #1-3
 1954 FSL 816 FWL
 NWSW Section 3-T9S-R17E
 Duchesne Co, Utah
 API #43-013-30642 Lease #UTU-79017

Monument Butte Federal #2-3

Spud Date: 9/17/83
 Put on Production: 10/24/83
 GL: ?' KB: 5124'

Initial Production: 104 BOPD,
 NO GAS, 13 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE:
 WEIGHT:
 LENGTH:
 DEPTH LANDED: 330'
 HOLE SIZE:
 CEMENT DATA: 220 sxs cmt.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE:
 WEIGHT:
 LENGTH:
 DEPTH LANDED: 6011'
 HOLE SIZE:
 CEMENT DATA: 685 sks
 CEMENT TOP AT: 3230

TUBING

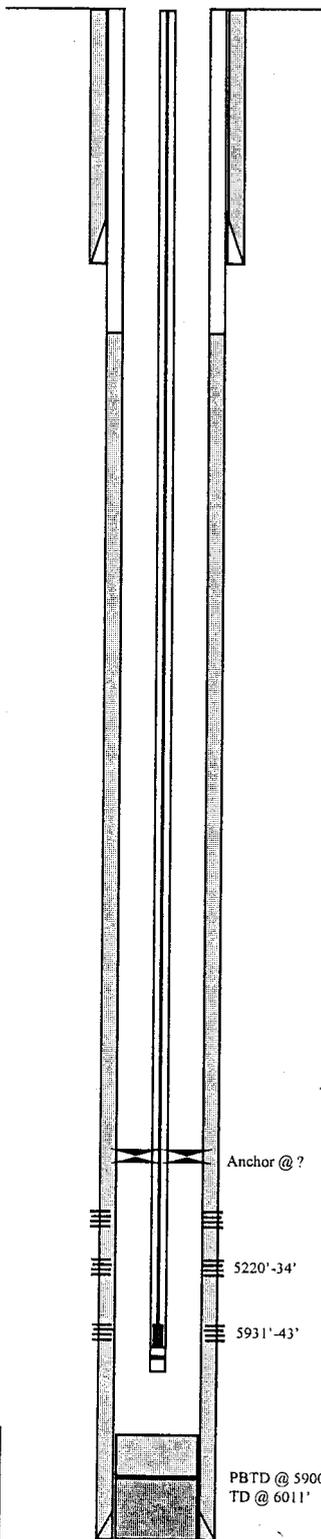
SIZE/GRADE/WT.: 2-7/8"
 NO. OF JOINTS: ? 5243'
 TUBING ANCHOR:
 SEATING NIPPLE:
 TOTAL STRING LENGTH:
 SN LANDED AT:

SUCKER RODS

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

FRAC JOB

SWFR (5937'-5943') 2 SPF - acid w/1000 gal 15% HCl
 SWFR (5220'-5234') 2 SPF - frac w/752 bbls gelled water
 78,500# sand



PERFORATION RECORD

	Inland Resources Inc.
	Monument Butte Federal #2-3
	1918 FNL 1979 FWL
	SENW Section 3-T9S-R17E
	Duchesne Co, Utah
API #43-013-30810 Lease #UTU-79017	

Castle Draw #2-4-9-17

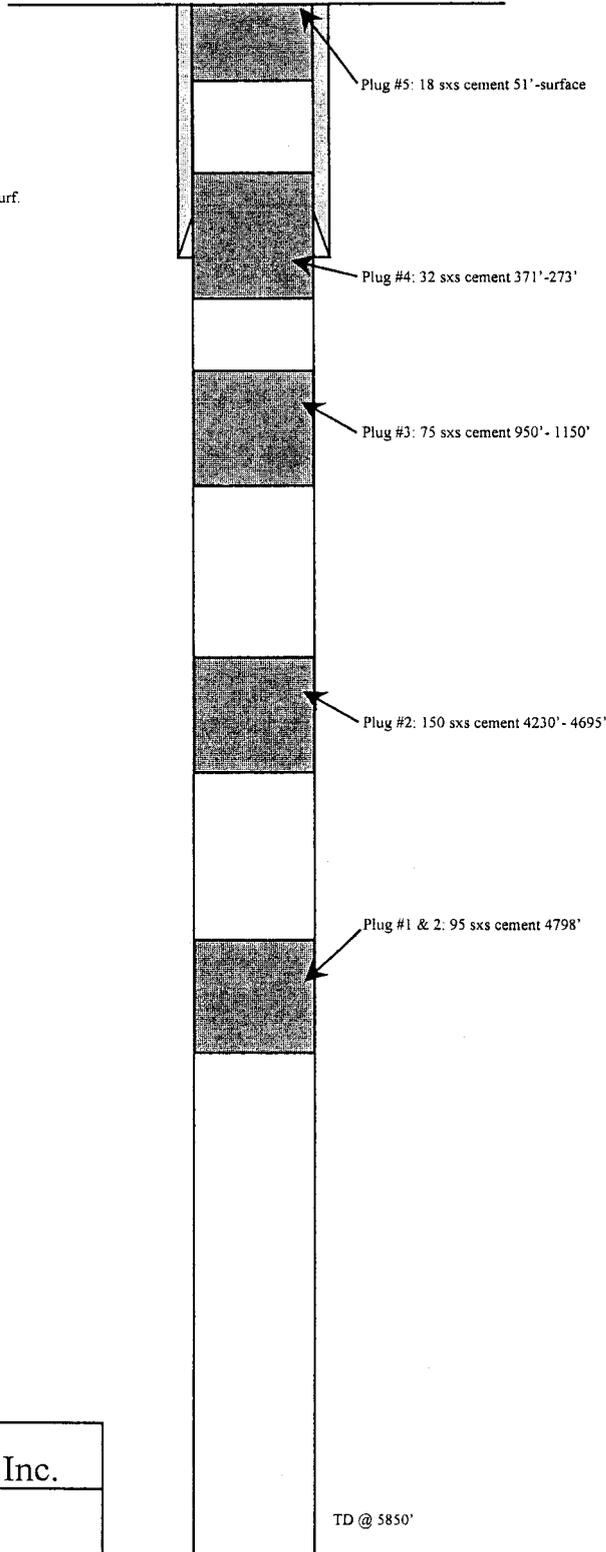
Spud Date: 10/24/98
Plugged: 10/31/98
GL: 5017' KB: 5030'

Initial Production: NONE

Plugging Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 314' (7 jts)
DEPTH LANDED: 324'
HOLE SIZE: 12-1/4"
CEMENT DATA: 140 sxs Premium cmt, est 3 bbls to surf.



	Inland Resources Inc.
Castle Draw #2-4-9-17	
660 FNL 1978 FEL	
NWNE Section 4-T9S-R17E	
Duchesne Co, Utah	
API #43-013-32072; Lease #UTU-75038	

Castle Draw #6-4-9-17

Spud Date: 8/07/98
 Put on Production: 9/04/98
 GL: 5194' KB: 5204'

Initial Production: 49 BOPD;
 57 MCFD; 10 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (318')
 DEPTH LANDED: 328' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Premium cmt, est 7 bbls to surf.

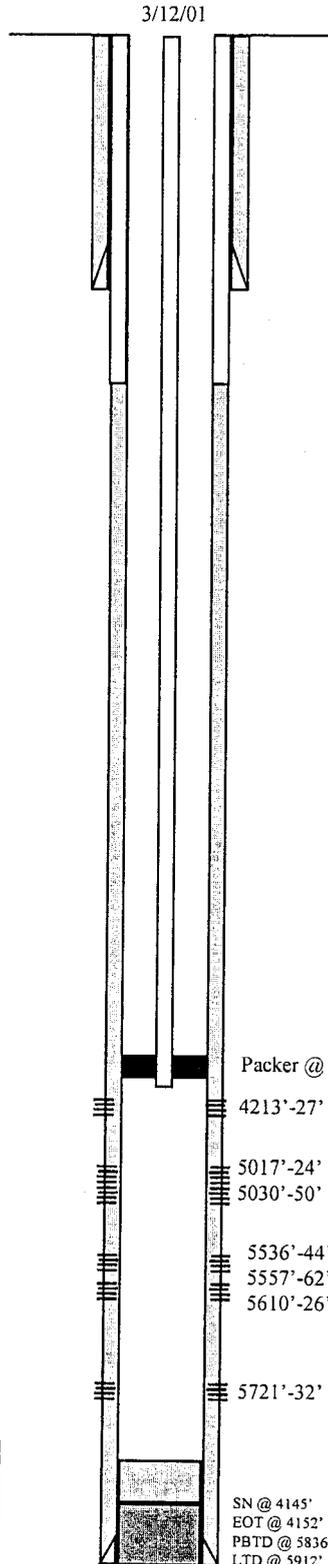
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 139 jts. (5880')
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 250 sxs modified mixed & 300 sxs class G
 CEMENT TOP AT: ?
 SET AT: 5890'

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 134 jts
 PACKER: 4148'
 SEATING NIPPLE: 2-7/8"
 TOTAL STRING LENGTH: 4153'
 SN LANDED AT: 4145'

Injection Diagram



FRAC JOB:

8/27/98 5536'-5732' **Frac CP sand as follows:**
 RU BJ Services & frac CP sds w/124,765#
 20/40 sd in 620 bbls Viking I-25 fluid.
 Perfs broke back @ 3230 psi @ 10 BPM.
 Treated @ ave press of 1900 psi w/ave rate
 of 32.4 BPM. ISIP: 2290 psi, 5 min: 1900
 psi. Flowback on 12/64 choke for 4-1/2 hrs
 & died.

8/29/98 5017'-5050' **Frac B-2 sand as follows:**
 RU BJ Services & frac B sds w/102,338#
 20/40 sd in 523 bbls Viking I-25 fluid.
 Perfs broke dn @ 3345 psi. Treated @ ave
 press of 1625 psi a/ave rate of 28.5 BPM.
 ISIP: 1980 psi, 5 min: 1702 psi.
 Flowback on 12/64 choke for 4 hrs & died.

9/1/98 4213'-4227' **Frac GB-6 sand as follows:**
 RU BJ Services & frac GB sds w/99,498#
 20/40 sd in 477 bbls Viking I-25 fluid.
 Perfs broke dn @ 2980 psi. Treated @ ave
 press of 1950 psi w/ave rate of 24.3 BPM.
 ISIP: 2400 psi, 5 min: 2150 psi.
 Flowback on 12/64 choke for 3-1/2 hrs &
 died.

PERFORATION RECORD:

8/26/98	5536'- 5544'	2 JSPF	16 holes
8/26/98	5557'- 5562'	2 JSPF	10 holes
8/26/98	5610'- 5626'	2 JSPF	32 holes
8/26/98	5712'- 5732'	2 JSPF	22 holes
8/28/98	5017'- 5024'	4 JSPF	28 holes
8/28/98	5030'- 5050'	4 JSPF	80 holes
8/31/98	4213'- 4227'	4 JSPF	56 holes



Inland Resources Inc.
 Castle Draw #6-4-9-17
 1980 FNL 1980 FWL
 SENW Section 4-T9S-R17E
 Duchesne Co, Utah
 API #43-013-32075; Lease # UTU-75038

Castle Draw #9-4-9-17

Spud Date: 7/20/98
 Put on Production: 8/19/98
 GL: 5170' KB: 5180'

Initial Production: 52 BOPD;
 54 MCFD; 7 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (315')
 DEPTH LANDED: 325' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 155 sxs Premium cmt, est 6 bbbs to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 138 jts. (5865')
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 240 sxs modified mixed & 300 sxs class G
 CEMENT TOP AT: ? 4153
 SET AT: 5874'

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 181 jts
 TUBING ANCHOR: Set @ 5505'
 SEATING NIPPLE: 2-7/8"
 TOTAL STRING LENGTH: 5693'
 SN LANDED AT: 5630'

SUCKER RODS

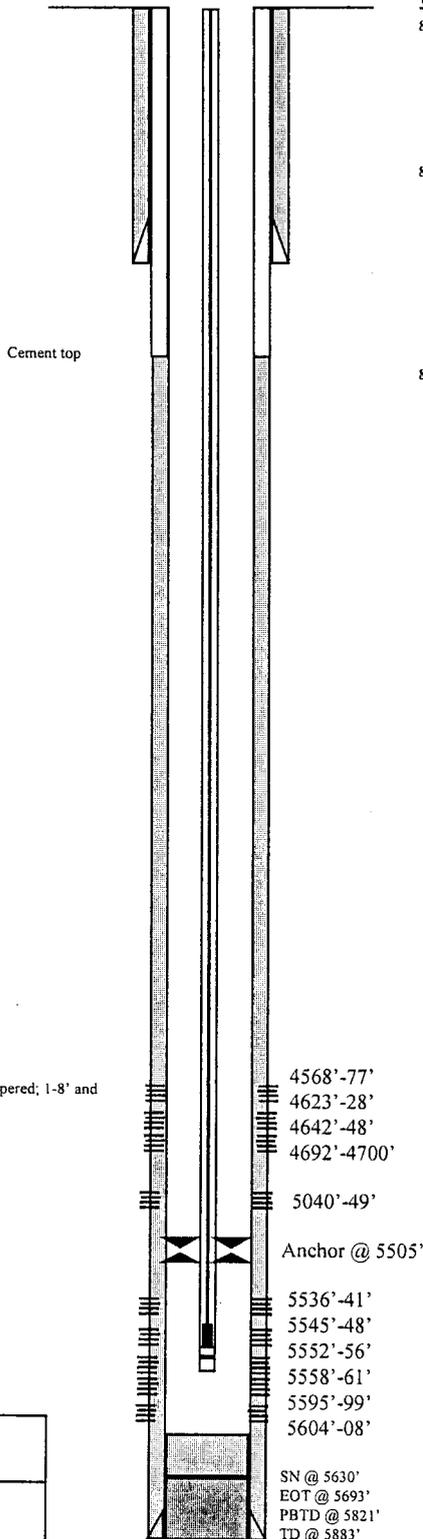
POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 4-3/4" scraped, 120-3/4" plain; 96-3/4" scraped; 1-8' and 1-2' pony rods
 PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC Pump
 STROKE LENGTH: 74"
 PUMP SPEED, SPM: 5-1/2 SPM
 LOGS: DIGL/SP/GR/CAL
 SDL/D5N/GR

FRAC JOB

8/11/98 5536'-5608' Frac CP sands as follows:
 RU BJ Services & frac CP sds w/103,400# 20/40 sd in 523 bbbs Viking I-25 fluid. Perfs broke dn @ 2420 psi. Treated @ ave press of 1400 psi w/ave rate of 27.9 BPM. ISIP: 1750 psi, 5 min: 1650 psi. Flowback on 12/64 choke for 2-1/2 hrs & died.

8/13/98 5040'-5049' Frac B sands as follows:
 RU BJ Services & frac B sds w/96,000# 20/40 sd in 477 bbbs Viking I-25 fluid. Perfs broke @ 3800 psi. Treated @ ave press of 2035 psi @ ave rate of 26.3 BPM. With 7-1/2# sd on perfs, pressure began increasing rapidly. Screened out w/9.6# sd @ perfs w/37 bbbs left to flush. ISIP: 3740 psi, 5 min: 1950 psi. Flowback on 12/64 choke for 4 hrs & died.

8/15/98 4568'-4700' Frac YDC sands as follows:
 RU BJ Services & frac D/YDC sds w/126,000# of 20/40 sd in 590 bbbs of Viking I-25 fluid. Perfs broke @ 1940 psi, treated @ average pressure of 2,000 psi, @ average rate of 30.4 BPM. ISIP -2250 psi, 5 min SI -2240 psi. Flowed back on 12/64 choke for 5 hrs & died.



PERFORATION RECORD

Date	Interval	Holes
8/10/98	5536' - 5541'	4 JSPF 20 holes
8/10/98	5545' - 5548'	4 JSPF 12 holes
8/10/98	5552' - 5556'	4 JSPF 16 holes
8/10/98	5558' - 5561'	4 JSPF 12 holes
8/10/98	5595' - 5599'	4 JSPF 16 holes
8/10/98	5604' - 5608'	4 JSPF 16 holes
8/12/98	5040' - 5049'	4 JSPF 36 holes
8/14/98	4568' - 4577'	4 JSPF 36 holes
8/14/98	4623' - 4628'	4 JSPF 20 holes
8/14/98	4642' - 4648'	4 JSPF 24 holes
8/14/98	4692' - 4700'	4 JSPF 32 holes

SN @ 5630'
 EOT @ 5693'
 PBTD @ 5821'
 TD @ 5883'



Inland Resources Inc.
 Castle Draw #9-4-9-17
 1980 FSL 660 FEL
 NESE Section 4-T9S-R17E
 Duchesne Co, Utah
 API #43-013-32079; Lease #UTU-75038

Castle Draw #11-4-9-17

Spud Date: 9/23/98
 Put on Production: 10/23/98
 GL: 5187' KB: 5197'

Initial Production: 14 BOPD;
 37 MCFD; 1 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (289')
 DEPTH LANDED: 299' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 140 sxs Premium cmt, est 9 bbbs to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 135 jts. (5775')
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 240 sxs modified mixed & 270 sxs class G
 CEMENT TOP AT: ?
 SET AT: 5784'

TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#
 NO. OF JOINTS: 175 jts
 TUBING ANCHOR: 5459'
 SEATING NIPPLE: 2-7/8"
 TOTAL STRING LENGTH: 5588'
 SN LANDED AT: 5524'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM
 SUCKER RODS: 4-3/4" scapered; 116-3/4" plain; 96-3/4" scapered;
 PUMP SIZE: 2-1/2" x 1-1/2" x 15-1/2" RHAC Pump
 STROKE LENGTH: 74"
 PUMP SPEED, SPM: 5-1/2 SPM
 LOGS: DIGL/SP/GR/CAL
 SDL/DSN/GR

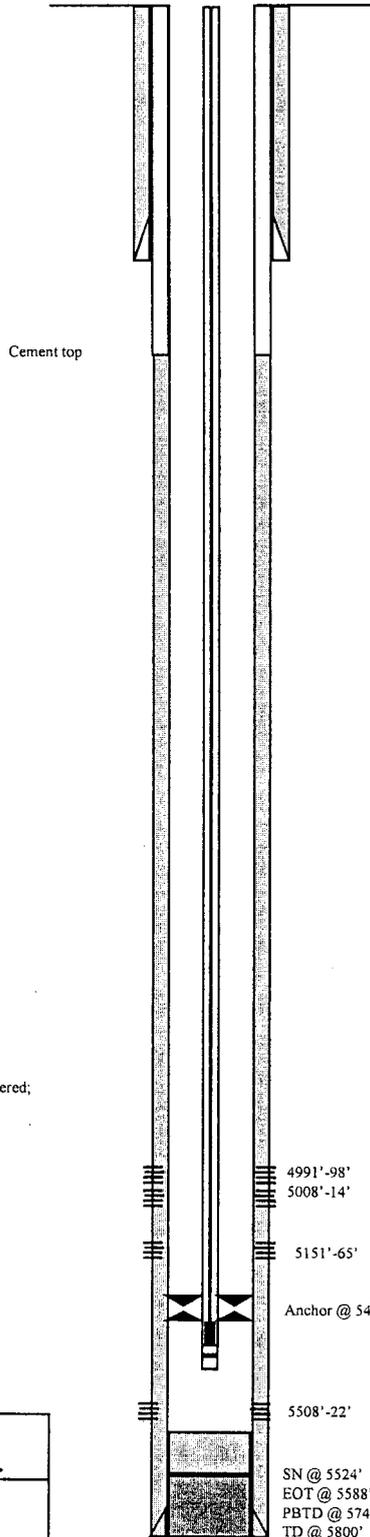
Not for

FRAC JOB

10/15/98 5508'-5522' **Frac CP sands as follows:**
 RU BJ Services & frac CP sand w/122,000# of 20/40 sd in 571 bbbs of Viking I-25 fluid. Perfs broke down @ 3185 psi. Treated @ ave press of 1460 psi w/ave rate of 24.5 BPM. ISIP - 2250 psi, 5 min SI - 2050 psi. Flowback on 12/64 choke for 3-1/2 hrs & died.

10/17/98 5151'-5165' **Frac A sands as follows:**
 RU BJ Services & frac A sand w/118,891# of 20/40 sd in 562 bbbs of Viking I-25 fluid. Perfs broke @ 3340 psi, treated @ ave press of 1660 psi w/ave rate of 25.5 BPM. ISIP-2030 psi, 5 min SI -1900 psi. Flow well back on 12/64 choke for 4-1/2 hrs & died.

10/20/98 4991'-5014' **Frac B sands as follows:**
 RU BJ Services & frac CP sand w/77,000# of 20/40 sd in 411 bbbs of Viking I-25 fluid. (Cut sand on stage #4 @ 8 ppg, sd - screened off w/2268 gal left in flush, getting 63,925# of sd in formation & leaving 13,075# sd in csg.) Perfs broke @ 3785 psi. Treated @ ave press of 3000 psi @ ave rate of 32.0 BPM. ISIP - 3400 psi, 5 min SI - 3093 psi. Flow well back on 12/64 choke for 3-1/2 hrs & died.



PERFORATION RECORD

10/14/98	5508'-5522'	4 JSPF	56 holes
10/16/98	5151'-5165'	4 JSPF	56 holes
10/19/98	4991'-4998'	4 JSPF	28 holes
10/19/98	5008'-5014'	4 JSPF	24 holes

Inland Resources Inc.
 Castle Draw #11-4-9-17
 2319 FSL 2106 FWL
 NESW Section 4-T9S-R17E
 Duchesne Co, Utah
 API #43-013-32081; Lease #UTU-75038

Paiute Federal #32-4

Plugged Diagram

Spud Date: 11/14/82

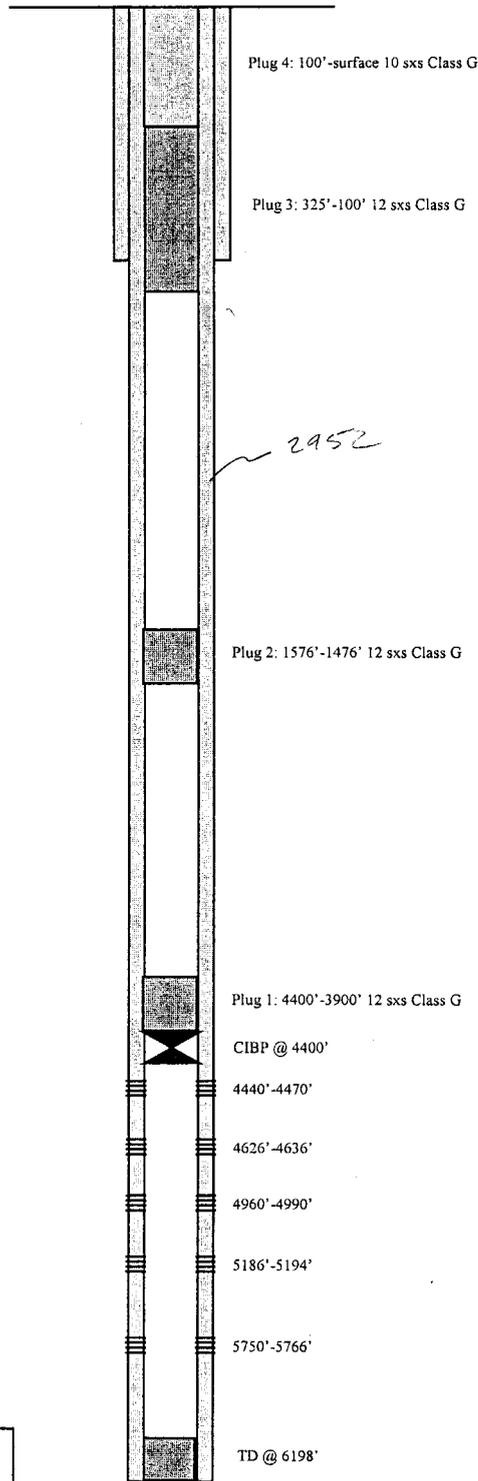
P&A Date: 11/85

KB: 5177

8-5/8" Casing to 275' with 225 sxs cement

5-1/2" casing to 6053 with 710 sxs cement

OK



	Inland Resources Inc.
Paiute Federal #32-4	
2006 FEL 1918 FNL	
SWNE Section 4-T9S-R17E	
Duchesne Co, Utah	
API #43-013-30674; UTU-75038	

Balcron Federal #44-4Y

Spud Date: 9-30-94
 Put on Production: 12-13-94
 GL: 5201.5' KB: 10'

Initial Production: 20 BOPD, 0
 MCFPD, 0 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 6 jts. (260.15')
 DEPTH LANDED: 267'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sx Class "G", est ? Bbls cmt to surface

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 136 jts.
 DEPTH LANDED: 5849'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 261 sx Super G & 316 sx 50/50 Poz
 CEMENT TOP AT: 1773

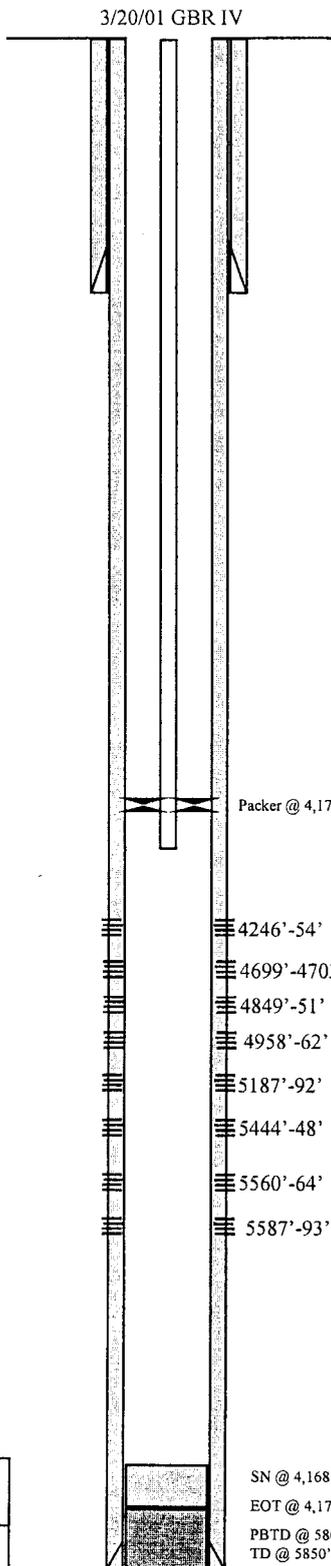
TUBING

SIZE/GRADE/WT.: 2-7/8" / 6.5# / J-55
 NO. OF JOINTS: 133 jts
 PACKER: 4,171'
 SEATING NIPPLE: 2-7/8" (1.10')
 TOTAL STRING LENGTH: EOT @ 4,175'
 SN LANDED AT: 4,168'

SUCKER RODS

POLISHED ROD:
 SUCKER RODS:
 PUMP SIZE:
 STROKE LENGTH:
 PUMP SPEED, SPM:
 LOGS:

Wellbore Diagram



FRAC JOB

11-23-94	5444'-5593'	Frac sand as follows: 30,576 gals 2% KCL gelled water, 51,680# 20/40, and 40,540# 16/30 sand. Treated w/avg press of 1900 psi w/avg rate of 30.4 BPM. ISIP-1580 psi, 5 min 1410 psi.
11-29-94	5187'-5194'	Frac sand as follows: 11,382 gals 2% KCL gelled water and 21,340# 20/40 sand. Treated w/avg press of 3800 psi w/avg rate of 26 BPM. ISIP-not reported, 5 min 3050 psi. Screened out.
12-1-94	4246'-4254'	Frac sand as follows: 15,456 gals 2% KCL gelled water and 45,700# 16/30 sand. Treated w/avg press of 2400 psi w avg rate of 31.5 BPM. ISIP-1880 psi, 5 min 1580 psi.
3/9/01	4,699'-4,703'	Break down with 2 bbls 15%
3/9/01	4,849'-4,851'	HCL per interval for work
3/9/01	4,958'-4,962'	done on 3/9/01.

PERFORATION RECORD

11-22-94	5444'-5448'	4 JSPF	16 holes
11-22-94	5560'-5564'	4 JSPF	16 holes
11-22-94	5587'-5593'	4 JSPF	24 holes
11-28-94	5187'-5192'	4 JSPF	20 holes
11-30-94	4246'-4254'	4 JSPF	32 holes
03-09-01	4699'-4703'	4 JSPF	16 holes
03-09-01	4849'-4851'	4 JSPF	8 holes
03-09-01	4958'-4962'	4 JSPF	16 holes



Inland Resources Inc.

Balcron Federal #44-4Y

660 FSL 660 FEL
 SESE Section 4-T9S-R17E
 Duchesne Co, Utah
 API #43-013-31452; Lease #U-65967

ATTACHMENT E

NAME AND DEPTH OF USDWs

For Class II wells, submit geologic name and depth to bottom of all underground sources of drinking water, which may be affected by the injection.

Due to the location and depth of the well, it will not affect any source of drinking water. See Attachments E-1 through E-3, showing pertinent water analyses.

Attachment E-1 Analysis of Johnson water to be injected

Attachment E-1 Analysis of the formation water taken from the Castle Draw Federal #8-4-9-17.

Attachment E-2 Analysis of the compatibility of the injected and formation water

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84066

Office (435) 722-5066
Fax (435) 722-5727

Attachment E-1

WATER ANALYSIS REPORT

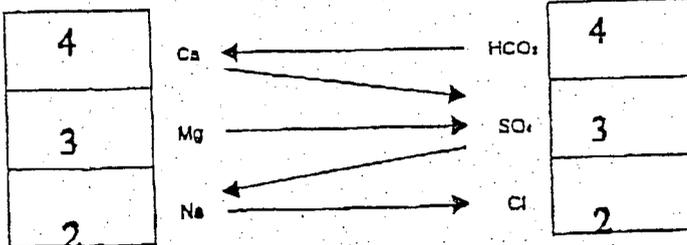
Company INLAND PRODUCTION Address _____ Date 1-27-00

Source JOHNSON Data Sampled 1-26-00 Analysis No. _____

	Analysis	mg/l(ppm)	*Meg/l
1. PH	<u>7.4</u>		
2. H ₂ S (Qualitative)	<u>0.5</u>		
3. Specific Gravity	<u>1.001</u>		
4. Dissolved Solids		<u>600</u>	
5. Alkalinity (CaCO ₃)		<u>0</u>	+ 30 <u>0</u> CO ₃
6. Bicarbonate (HCO ₃)		<u>240</u>	+ 61 <u>4</u> HCO ₃
7. Hydroxyl (OH)		<u>0</u>	+ 17 <u>0</u> OH
8. Chlorides (Cl)		<u>71</u>	+ 35.5 <u>2</u> Cl
9. Sulfates (SO ₄)		<u>130</u>	+ 48 <u>3</u> SO ₄
10. Calcium (Ca)		<u>72</u>	+ 20 <u>4</u> Ca
11. Magnesium (Mg)		<u>41</u>	+ 12.2 <u>3</u> Mg
12. Total Hardness (CaCO ₃)		<u>350</u>	
13. Total Iron (Fe)		<u>0.6</u>	
14. Manganese			
15. Phosphate Residuals			

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION



Compound	Eqwly. Wt.	X	Meg/l	=	Mg/l
Ca(HCO ₃) ₂	11.04	<u>4</u>			<u>324</u>
CaSO ₄	68.07				
CaCl ₂	55.50				
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19	<u>3</u>			<u>181</u>
MgCl ₂	47.62				
NaHCO ₃	64.00				
Na ₂ SO ₄	71.03				
NaCl	58.48	<u>2</u>			<u>117</u>

Saturation Values	Distilled Water 20°C
CaCO ₃	13 Mg/l
CaSO ₄ · 2H ₂ O	2,090 Mg/l
MgCO ₃	103 Mg/l

REMARKS _____

435 722 5727

UNICHEM

A Division of BJ Services

P.O. Box 217
Roosevelt, Utah 84068

Attachment E-2

Office (435) 722-5088
Fax (435) 722-5727

WATER ANALYSIS REPORT

Company Inland Address _____ Date 4/3/01

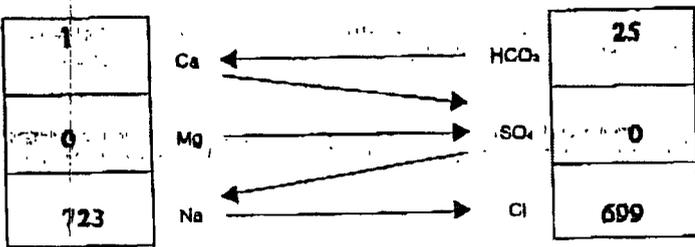
Source Castle Draw 8-4-9-17 Date Sampled 4/2/01 Analysis No. _____

Analysis	mg/l(ppm)	*Meq/l
1. PH	<u>9.4</u>	
2. H ₂ S (Qualitative)	<u>0.5</u>	
3. Specific Gravity	<u>1.040</u>	
4. Dissolved Solids	<u>42,665</u>	
5. Alkalinity (CaCO ₃)	<u>300</u>	+ 30 <u>10</u> CO ₃
6. Bicarbonate (HCO ₃)	<u>915</u>	+ 61 <u>15</u> HCO ₃
7. Hydroxyl (OH)	<u>0</u>	+ 17 <u>0</u> OH
8. Chlorides (Cl)	<u>24,800</u>	+ 35.5 <u>699</u> Cl
9. Sulfates (SO ₄)	<u>0</u>	+ 48 <u>0</u> SO ₄
10. Calcium (Ca)	<u>16</u>	+ 20 <u>1</u> Ca
11. Magnesium (Mg)	<u>5</u>	+ 12.2 <u>0</u> Mg
12. Total Hardness (CaCO ₃)	<u>60</u>	
13. Total Iron (Fe)	<u>3.8</u>	
14. Manganese	<u>0.0</u>	
15. Phosphate Residuals		

*Milli equivalents per liter

PROBABLE MINERAL COMPOSITION

Compound	Equly. WL	X	Meq/l	=	Mg/l
Ca(HCO ₃) ₂	81.04		<u>1</u>		<u>81</u>
CaSO ₄	68.07				
CaCl ₂	65.50				
Mg(HCO ₃) ₂	73.17				
MgSO ₄	60.19				
MgCl ₂	47.62				
NaHCO ₃	84.00		<u>24</u>		<u>2,016</u>
Na ₂ SO ₄	71.03				
NaCl	58.48		<u>699</u>		<u>40,864</u>



Saturation Values	Distilled Water 20°C
CaCO ₃	13 Mg/l
CaSO ₄ · 2H ₂ O	2,090 Mg/l
MgCO ₃	103 Mg/l

REMARKS _____

Received Time Apr. 6. 1:16PM

AQUAMIX SCALING PREDICTIONS

4-3-2001

COMPANY: INLAND PRODUCTION CO
 LOCATION:
 SYSTEM:

WATER DESCRIPTION:	JOHNSON WATER	CASTLE DRAW 8-4-9-17
P-ALK AS PPM CaCO3	0	501
M-ALK AS PPM CaCO3	492	1484
SULFATE AS PPM SO4	110	0
CHLORIDE AS PPM Cl	35	24800
HARDNESS AS PPM CaCO3	0	0
CALCIUM AS PPM CaCO3	110	40
MAGNESIUM AS PPM CaCO3	90	12
SODIUM AS PPM Na	92	16629
BARIUM AS PPM Ba	0	0
STRONTIUM AS PPM Sr	0	0
CONDUCTIVITY	0	0
TOTAL DISSOLVED SOLIDS	593	42665
TEMP (DEG-F)	100	100
SYSTEM pH	7.4	9.4

WATER COMPATIBILITY CALCULATIONS

JOHNSON WATER AND CASTLE DRAW 8-4-9

CONDITIONS: pH=8.4. TEMPERATURE ESTIMATED FROM COMPONENT WATERS.

WATER ONE IS JOHNSON WATER

% Water 1	STIFF DAVIS CaCO3 INDEX	lbs/1000 BBL EXCESS CaCO3	mg/l BaSO4 IN EXCESS OF SATURATION	mg/l SrO4 IN EXCESS OF SATURATION	mg/l Gypsum IN EXCESS OF SATURATION
100	1.21	35	0	0	0
90	1.04	32	0	0	0
80	.85	28	0	0	0
70	.69	24	0	0	0
60	.60	21	0	0	0
50	.51	17	0	0	0
40	.43	14	0	0	0
30	.36	11	0	0	0
20	.28	8	0	0	0
10	.21	6	0	0	0
0	.13	3	0	0	0

ATTACHMENT G

GEOLOGICAL DATA ON INJECTION AND CONFINING ZONES

For Class II wells, submit appropriate geological data on the injection zone and confining zones, including lithologic description, geological name, thickness, and depth and fracture pressure.

The proposed injection well produced from and will inject into the Green River formation. Water is sourced from the Johnson Water District and injected or is commingled with produced water at the Monument Butte Injection Facility and processed for individual well injection.

The injection zones are in the Green River formation, bounded by the Garden Gulch marker and the Basal Carbonate Marker. The Green River is composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shales. At the Castle Draw Federal #8-4-9-17 location, the proposed injection zone is from 4581'-5662'. The porous and permeable lenticular sandstones vary in thickness from 0' – 31' and are confined to the Monument Butte area by low porosity calcareous shales and carbonates.

The confining strata directly above and below the injection zones are the top of the Garden Gulch formation and the Basal Carbonate, in the Castle Draw Federal #8-4-9-17 well. The strata confining the injection zone are composed of tight, moderately calcareous, sandy lacustrine shales. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

The fracture pressure of the Castle Draw Federal #8-4-9-17 will be determined upon testing. The minimum fracture gradient calculates at 0.754 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be conducted upon injection and periodically thereafter to determine the actual fracture pressure. As the fracture pressure increases, we may elect to increase the injection pressure, but will not exceed the maximum of 2982 psig.

Communication Prevention:

The injection system will be equipped with high and low pressure shut down devices, which will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

Attachment G-1	Formation Tops
Attachment G-2	Proposed Maximum Injection Pressure
Attachment G-3	Fracture Reports Dated 10-01-98, 10-03-98, and 10-06-98
Attachment G-4	Drilling and Completion Reports Dated 9-09-98 to 9-15-98 and 9-30-98 to 10-11-98

ATTACHMENT G-1

FORMATION TOPS

CASTLE DRAW FEDERAL #8-4-9-17

<u>FORMATION</u>	<u>DEPTH (ft)</u>
Green River	3695'
Garden Gulch	3997'
Point Three Marker	4259'
X Marker	4497'
Y-Marker	4531'
Douglas Creek	4663'
Bicarbonate Marker	4900'
B-Limestone	5048'
Castle Peak Limestone	5506'
Total Depth	5800'

Attachment "G-2"

Castle Draw Federal #8-4-9-17
Proposed Maximum Injection Pressure

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5551	5662	5607	1800	0.754	1770
4931	5050	4991	2400	0.914	2361
4581	4605	4593	3000	1.086	2982
				Minimum	<u>1770</u>

Calculation of Maximum Surface Injection Pressure
 $P_{max} = (\text{Frac Grad} - (0.433 \times 1.005)) \times \text{Depth of Top Perf}$
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.005.

$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Avg. Depth})) / \text{Avg. Depth}$



DAILY COMPLETION REPORT

WELL NAME: Castle Draw 8-4-9-17 Report Date: 10/2/98 Completion Day: 3
Present Operation: Perf & breakdown B sds. Rig: CWS #57

WELL STATUS

Surf Csg: 8-5/8 @ 301' KB Liner: @ Prod Csg: 5-1/2 @ 5795 Csg PBDT: 5744
Tbg: Size: 2-7/8 Wt: 6.5# Grd: (B) N-80 Pkr/EOT @: BP/Sand PBDT:

PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
CP	5551-71'	4/80			
CP	5610-15'	4/20			
CP	5659-62'	4/12			

CHRONOLOGICAL OPERATIONS

Date Work Performed: 10/1/98 SITP: 0 SICP: 0

IFL @ 5500'. Made 1 dry swab run. TOH w/tbg. NU isolation tool. RU BJ Services & frac CP sds w/103,769# 20/40 sd in 539 bbls Viking I-25 fluid. Perfs broke dn @ 3960 psi. Treated @ ave press of 1650 psi w/ave rate of 29.9 BPM. ISIP: 1800 psi, 5 min: 1657 psi. Flowback on 12/64 choke for 3-1/2 hrs & died. Rec 170 BTF (est 31% of load). SIFN w/est 369 BWTR.

FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 539 Starting oil rec to date: 0
Fluid lost/recovered today: 170 Oil lost/recovered today: 0
Ending fluid to be recovered: 369 Cum oil recovered: 0
IFL: 5500 FFL: 5500 FTP: Choke: 12/64 Final Fluid Rate: Final oil cut:

STIMULATION DETAIL

Base Fluid used: Viking I-25 Job Type: Sand Frac
Company: BJ Services
Procedure or Equipment detail:
3000 gal of pad
1000 gal w/1-6 ppg of 20/40 sd
8000 gal w/6-8 ppg of 20/40 sd
5178 gal w/8-10 ppg of 20/40 sd
Flush w/5460 gal of 10# Linear gel.

COSTS

CWS Rig 806
BOP 60
Tanks 90
Wtr 700
HO Trk 680
Frac 18,414
Flowback - super 140
IPC Supervision 200

Max TP: 3960 Max Rate: 30.2 Total fluid pmpd: 539 bbls
Avg TP: 1650 Avg Rate: 29.9 Total Prop pmpd: 103,769#
ISIP: 1800 5 min: 1657 10 min: 15 min:

Completion Supervisor: Gary Dietz

DAILY COST: \$21,090
TOTAL WELL COST: \$185,991



Daily Drilling Report

CASTLE DRAW 8-4-9-17
SE/NE Section 4, T09S R17E
DUCHESNE Co., Utah
API # 43-013-32077

Spud Date: 9/8/98
MIRU Drl Rig: 9/8/98, Union #7
PTD: 6500'

- 9/9/98 TD: 319', made 319'. (Uinta) PO: WOC. (Day 1)**
Summary: 9/8/98 - 6 hrs - MIRU. Drl rat & mouse hole. **SPUD WELL @ 1:00 PM, 9/8/98.** 3 hrs - Set conductor. 1 hr - RIH w/12-1/4" bit. Returns commenced through rat hole. 4 hrs - Pull conductor & drill 20' of 17-1/2" hole. Set 24' of 14" conductor. 7 hrs - Drl 12-1/4" to 319'. TOH w/drill string. Run 7 jts 8-5/8" Maverick 24# ST & C csg, J-55 csg. Set csg @ 300'. 1 hr - RU BJ & cmt hole w/160 sks Class "G" cmt w/2% CC & 1/4#/sk Cello Flake. Good returns throughout job. 1 hr - WOC.
DC: \$16,800 CC: \$16,800
- 9/10/98 TD: 1060', made 741'. (Uinta) PO: Drlg. (Day 2)**
Summary: 9/9/98 - 3 hrs - WOC. 2 hrs - NU BOP's. 2-1/2 hrs - Test BOP's. 1 hr - Blow out wtr. 1 hr - Drlg cmt & shoe. 9 hr - Drlg 7-7/8" hole. 1/2 hr - Change air bowl. 1/2 hr - Srvy. 5 hrs - Drlg.
MW: Air/Foam. Srvy: 718' @ 1/4°. Bit #3, 7-7/8", 588CFH.
DC: \$8,857 CC: \$25,657
- 9/11/98 TD: 2465', made 1405'. (Green River) PO: Drlg. (Day 3)**
Summary: 9/10/98 - 22-3/4 hrs - Drlg. 1/4 hr - RS. 1 hr - Srvy & RS.
MW: Air/Foam. Srvy: 1781' @ 1/2°, 2250' @ 3/4°. Bit #3, 7-7/8", 588CFH.
DC: \$16,277 CC: \$41,934
- 9/12/98 TD: 3610', made 1145'. (Green River) PO: Drlg. (Day 4)**
Summary: 9/11/98 - 22-3/4 hrs - Drlg. 3/4 hr - RS. 1/2 hr - Srvy & RS.
MW: Air/Foam. Srvy: 3029' @ 1°. Bit #3, 7-7/8", 588CFH.
DC: \$13,553 CC: \$55,487
- 9/13/98 TD: 4432', made 822'. (Green River) PO: Drlg. (Day 5)**
Summary: 9/12/98 - 3 hrs - Drl 3610' - 3786'. 1/2 hr - RS. 1-1/4 hrs - Drl 3786' - 3848'. 1-1/4 hrs - C&C. Load hole. 1/4 hr - Level Derrick. 4 hrs - TFB #4 & MM. 13-3/4 hrs - Drl & srvy 3848' - 4432'.
MW: 8.4. Srvy: 4147 @ 1-3/4°. Bit #3, 7-7/8", 588CFH, Depth Out @ 3848'. Bit #4, 7-7/8", NT3M.
DC: \$14,171 CC: \$69,658
- 9/14/98 TD: 5388', made 956'. (Green River) PO: Drlg. (Day 6)**
Summary: 9/13/98 - 3/4 hr - Drl 4432' - 4465'. 1 hr - RS & srvy. 7-1/4 hrs - Drl 4465' - 4839'. 1/2 hr - RS. 14-1/2 hrs - Drl & srvy 9839' - 5388'.
MW: 8.4. Srvy: 4492' @ 1°, 5054' @ 1°. Bit #4, 7-7/8", NT3M.
DC: \$11,762 CC: \$81,420



Attachment G-4
Page 2 of 5

Daily Drilling Report – Page Two

CASTLE DRAW 8-4-9-17
SE/NE Section 4, T09S R17E
DUCHESNE Co., Utah
API # 43-013-32077

Spud Date: 9/8/98
MIRU Drl Rig: 9/8/98, Union #7
PTD: 6500'

9/15/98 TD: 5800', made 412'. (Green River) PO: WOCT. (Day 7)

Summary: 9/14/98 – 11-1/4 hrs – Drl 5388' – 5800'. TD 6:15 pm, 9/14/98. 1-1/4 hrs – C&C. Pmp slug. 4-1/4 hrs – LD DP & DC's. 4 hrs – RU PSI. Run DIGL/SP/GR/CAL (5803' – 300') & CN/CD/GR (5783' – 3000'). Logger's TD 5803'. RD PSI. 4 hrs – RU Lightning Casers. Run 5-1/2" GS, 1 jt 5-1/2" csg (43'), 5-1/2" FC, 134 jt 5-1/2", 15.5#, J-55, LT & C csg (5785'). Csg set @ 5794'. RD Casers. 1 hr – RU BJ. C&C. 1 hr – Pmp 20 bbl dye wtr & 20 bbl gel. Cmt w/240 sx Premium Lite Mod (11.0 ppg 3.42 cf/sk yield) & 275 sx Class "G" w/10% A-10 & 10% salt (14.4 ppg & 1.63 cf/sk yield). Good returns until POB w/1650 psi, 9:45 am, 9/15/98. Est 17 bbl gel to sfc. RD. 2 hrs – ND BOP's. Set slips w/82,000#. RD. Release rig @ 11:45 am, 9/15/98. MW: 8.4. Bit #4, 7-7/8", NT3M, Depth Out @ 5800'. DC: \$58,333 CC: \$139,753

FINAL DRILLING REPORT: WOCT



Daily Completion Report

CASTLE DRAW 8-4-9-17
SE/NE Section 4, T09S R17E
DUCHESNE Co., Utah
API # 43-013-32077

Spud Date: 9/8/98
MIRU Dri Rig: 9/8/98, Union #7
TD: 5800'
Completion Rig: CWS #57

9/30/98 PO: Perf CP sds. (Day 1)

Summary: 9/29/98 - CP: 0. MIRU Colorado Well Service #57. NU BOP. PU & TIH w/4-3/4" bit, 5-1/2" csg scraper, 184 jts 2-7/8" 8rd 6.5# N-80 yellow band tbg. Tag PBD @ 5744'. Press test csg & BOP to 3000 psi. Swab FL dn to 5000'. SIFN.

DC: \$21,689 TWC: \$161,442

10/1/98 PO: Frac CP sds. (Day 2)

Summary: 9/30/98 - TP: 0, CP: 0. TOH w/tbg. LD bit & scraper. RU Schlumberger & perf CP sds @ 5551-71', 5610-15' & 5659-62' w/4 jspf. TIH w/tbg to 5713'. IFL @ 5000'. Made 3 swab runs, rec 11 BTF w/tr oil. FFL @ 5500'. SIFN.

DC: \$3,459 TWC: \$164,901

10/2/98 PO: Perf & breakdown B sds. (Day 3)

Summary: 10/1/98 - TP: 0, CP: 0. IFL @ 5500'. Made 1 dry swab run. TOH w/tbg. NU isolation tool. RU BJ Services & frac CP sds w/103,769# 20/40 sd in 539 bbls Viking I-25 fluid. Perfs broke dn @ 3960 psi. Treated @ ave press of 1650 psi w/ave rate of 29.9 BPM. ISIP: 1800 psi, 5 min: 1657 psi. Flowback on 12/64 choke for 3-1/2 hrs & died. Rec 170 BTF (est 31% of load). SIFN w/est 369 BWTR.

DC: \$21,090 TWC: \$185,991

10/3/98 PO: Frac B sds. (Day 4)

Summary: 10/2/98 - CP: 150. Bleed off est 4 bbls frac fluid. TIH w/5-1/2" RBP & tbg. Set plug @ 5337'. Press test plug to 3000 psi. TOH w/tbg & RH. RU Schlumberger & perf B sds @ 4931-41', 4991-94' & 5040-50' w/4 jspf. TIH w/RH, pup jt, 5-1/2" RTTS pkr & tbg. Set pkr @ 5025'. Breakdown perfs 5040-50' @ 2500 psi. Get IR of 1 BPM @ 1300 psi. Breakdown perfs 4931-4994 @ 3200 psi. Get IR of 1 SPM @ 900 psi. Lost 2 BW. Release pkr. Pull EOT to 4870'. IFL @ sfc. Made 10 swab runs, rec 101 BTF w/tr oil. FFL @ 4700'. SIFN w/est 266 BWTR.

DC: \$4,755 TWC: \$190,746

10/4/98 PO: Perf YDC sds. (Day 5)

Summary: 10/3/98 - TP: 0, CP: 50. Bleed gas off csg. IFL @ 4600'. Made 1 swab run, rec 1 BTF (50% oil). FFL @ 4700'. TOH w/tbg. NU isolation tool. RU BJ Services & frac B sds w/120,503# 20/40 sd in 586 bbls Viking I-25 fluid. Perfs broke back @ 2500 psi @ 16 BPM. Treated @ ave press of 1700 psi w/ave rate of 29.7 BPM. ISIP: 2400 psi, 5 min: 1920 psi. Flowback on 12/64 choke for 4 hrs & died. Rec 165 BTF (est 28% of load). SIFN w/est 686 BWTR.

DC: \$22,334 TWC: \$213,080

10/5/98 SD for Sunday.



Daily Completion Report - Page Two

CASTLE DRAW 8-4-9-17
SE/NE Section 4, T09S R17E
DUCHESNE Co., Utah
API # 43-013-32077

Spud Date: 9/8/98
MIRU Drl Rig: 9/8/98, Union #7
TD: 5800'
Completion Rig: CWS #57

10/6/98 PO: Frac YDC sds. (Day 6)

Summary: 10/5/98 - CP: 50. Bleed off est 1 bbl frac fluid. TIH w/RH & tbg. Tag sd @ 5052'. CO sd to RBP @ 5337'. Release plug. Pull up & reset @ 4741'. Press test plug to 3000 psi. Swab FL dn to 4100'. Rec 88 BTF. TOH w/tbg. RU Schlumberger & perf YDC sds @ 4581-89' & 4600-05' w/4 jsfp. TIH w/tbg to 4684'. IFL @ 4000'. Made 3 swab runs, rec 10 BTF w/tr oil. FFL @ 4500'. SIFN w/est 587 BWTR.
DC: \$3,824 TWC: \$216,904

10/7/98 PO: Pull plug. CO PBTB. Swab. (Day 7)

Summary: 10/6/98 - TP: 0, CP: 0. IFL @ 4400'. Made 1 swab run, rec 1 BTF w/tr oil. FFL @ 4500'. TOH w/tbg. NU isolation tool. RU BJ Services & frac YDC sds w/96,155# 20/40 sd in 494 bbls Viking I-25 fluid. Perfs broke dn @ 1992 psi. Treated @ ave press of 2600 psi w/ave rate of 29.7 BPM. ISIP: 3000 psi, 5 min: 2866 psi. Flowback on 12/64 choke for 2-1/2 hrs & died. Rec 138 BTF (est 28% of load). SIFN w/est 942 BWTR.
DC: \$19,833 TWC: \$236,737

10/8/98 PO: Swab well. Trip production tbg. (Day 8)

Summary: 10/7/98 - CP: 50. Bleed off est 3 bbls frac fluid. TIH w/RH & tbg. Tag sd @ 4594'. CO sd to RBP @ 4741'. Release plug. TOH w/tbg. LD plug. TIH w/NC & tbg. Tag sd @ 5615'. CO sd to PBTB @ 5744'. Circ hole clean. Pull EOT to 5620'. IFL @ sfc. Made 18 swab runs, rec 208 BTF w/tr oil & tr sd. FFL @ 1800'. SIFN w/est 731 BWTR.
DC: \$2,406 TWC: \$239,143

10/9/98 PO: PU rods. Place well on production. (Day 9)

Summary: 10/8/98 - TP: 100, CP: 100. Bleed gas off well. IFL @ 800'. Made 15 swab runs, rec 174 BTF w/tr oil & no sd. FFL @ 2600'. TIH w/tbg. Tag sd @ 5741' (3' fill). TOH w/tbg. TIH w/production tbg as follows: 2-7/8" bull plug w/collar, 2 jts tbg, 2-7/8" PBGA, SN, 2 jts tbg, 5-1/2" TA, 176 jts 2-7/8" 8rd 6.5# N-80 yellow band tbg. ND BOP. Set TA @ 5499' w/SN @ 5560' & EOT @ 5655'. Land tbg w/12,000# tension. NU wellhead. SIFN w/est 557 BWTR.
DC: \$2,895 TWC: \$242,038



Attachment G-4
Page 5 of 5

Daily Completion Report – Page Three

CASTLE DRAW 8-4-9-17
SE/NE Section 4, T09S R17E
DUCHESNE Co., Utah
API # 43-013-32077

Spud Date: 9/8/98
MIRU Drl Rig: 9/8/98, Union #7
TD: 5800'
Completion Rig: CWS #57

10/10/98 PO: Place well on production. (Day 10)

Summary: 10/9/98 – TP: 0, CP: 0. Flush tbg w/35 BW. PU & TIH w/rod pmp & rods to 1275' – stacked out solid. TOH w/rod string. LD pmp – found some rust flakes packed around cups. RIH w/2.341" Broach & rods. Can't work through tight spot – wedges tight. TOH w/rods & Broach. ND wellhead. Release TA. TOH w/tbg to 4200'. LD jt w/reduced ID. TIH w/sd line & Broach (stop 100' f/SN). TIH w/remaining production tbg (replace bad jt). Broach top 1500' tbg. Reset TA @ 5499' (SN @ 5560', EOT @ 5655'). Land tbg w/12,000# tension. NU wellhead. Flush tbg w/35 BW (no returns). PU & TIH w/rod string as follows: 2-1/2 x 1-1/2 x 15' RHAC pmp w/12' diptube, 4 – 1-1/2" weight rods, 4 – 3/4" scraped rods, 118 – 3/4" plain rods, 96 – 3/4" scraped rods, ~~118 – 3/4" plain rods, 96 – 3/4" scraped rods~~, 1 – 8', 1 – 4' x 3/4" pony rods, 1-1/2" x 22' polished rod. Seat pmp. RU pumping unit. Fill tbg w/6 BW. Press test pmp & tbg to 400'. Stroke pmp w/unit to 800 psi. Good pmp actions. SIFN w/est 633 BWTR.
DC: \$108,960 TWC: \$350,998

10/11/98 PO: Well on production. (Day 11)

Summary: 10/10/98 – Rack out equipment. RDMO. **PLACE WELL ON PRODUCTION @ 11:30 AM, 10/10/98 W/74" SL @ 8 SPM.** Est 633 BWTR.
DC: \$262 TWC: \$351,260

ATTACHMENT H
OPERATING DATA

Submit the following proposed operating data for each well (including all those to be covered by area permits): (1) average and maximum daily rate and volume of the fluids to be injected; (2) average and maximum injection pressure; (3) nature of annulus fluid; and (4) for Class II wells, source and analysis of the physical and chemical characteristics of the injection fluid.

1. Estimated average daily rate is 300 BPD, and the estimated maximum daily rate is 500 BPD.
2. The average and maximum surface pressure will be determined upon testing.
3. Fresh water treated with scale inhibitor, oxygen scavenger, biocide (behind packer fluid).
4. The injected fluid is primarily culinary water from the Johnson Water District; in secondary cases the injected fluid will be culinary water from the Johnson Water District commingled with produced water. (See Attachments E-1 through E-3 for analysis).

ATTACHMENT M
CONSTRUCTION DETAILS

Submit schematic or other appropriate drawings of the surface and subsurface construction details of the well.

Attachment M-1	Wellbore schematic of Castle Draw Federal #8-4-9-17
Attachment M-2	Site Plan of Castle Draw Federal #8-4-9-17

Castle Draw #8-4-9-17

Spud Date: 9/8/98
 Put on Production: 10/10/98
 GL: 5116' KB: 5126'

Initial Production: 47 BOPD;
 67 MCFD; 9 BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts. (290')
 DEPTH LANDED: 300' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Premium cmt, est 7 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 134 jts. (5785')
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 240 sxs modified mixed & 275 sxs class G
 CEMENT TOP AT: ?
 SET AT: 5794'

TUBING

DETAILS AFTER 5/4/00 WORKOVER:

SIZE/GRADE/WT.: 2-7/8" / N-80 and M-50 / 6.5#
 NO. OF JOINTS: 2+1+SN+2+176 jts
 TUBING ANCHOR: 5497' KB
 SEATING NIPPLE: 2-7/8"
 TOTAL STRING LENGTH: 5655'
 SN LANDED AT: 5558'
 EOT @ 5653'

SUCKER RODS

DETAILS AFTER 5/4/00 WORKOVER:

POLISHED ROD: 1-1/2"
 SUCKER RODS: (pump), four 1-1/2" weight rods; four 3/4" scraped; 30 - 3/4" plain; eight 3/4" scraped; 80 - 3/4" plain; 96 - 3/4" scraped and one 8' x 3/4" pony rod.
 PUMP SIZE: 2-1/2" x 1-1/2" x 16' RHAC Pump
 STROKE LENGTH: 80"
 PUMP SPEED, SPM: 6 SPM

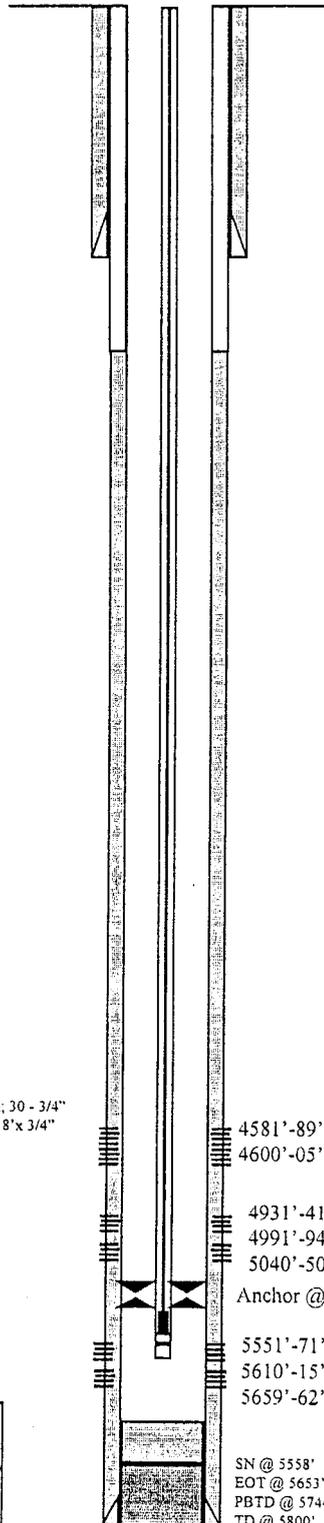
LOGS: DIGL/SP/GR/CAL
 SDL/DSN/GR

FRAC JOB

10/1/98 5551'-5662' **Frac CP sands as follows:**
 RU BJ Services & frac CP sds w/103,769# 20/40 sd in 539 bbls Viking I-25 fluid. Perfs broke dn @ 3960 psi. Treated @ ave press of 1650 psi w/ave rate of 29.9 BPM. ISIP: 1800 psi, 5 min: 1657 psi. Flowback on 12/64 choke for 3-1/2 hrs & died.

10/2/98 4931'-5050' **Frac B sands as follows:**
 RU BJ Services & frac B sds w/120,503# 20/40 sd in 586 bbls Viking I-25 fluid. Perfs broke back @ 2500 psi @ 16 BPM. Treated @ ave press of 1700 psi w/ave rate of 29.7 BPM. ISIP: 2400 psi, 5 min: 1920 psi. Flowback on 12/64 choke for 4 hrs & died.

10/6/98 4581'-4605' **Frac YDC sands as follows:**
 RU BJ Services & frac YDC sds w/96,155# 20/40 sd in 494 bbls Viking I-25 fluid. Perfs broke dn @ 1992 psi. Treated @ ave press of 2600 psi w/ave rate of 29.7 BPM. ISIP: 3000 psi, 5 min: 2866 psi. Flowback on 12/64 choke for 2-1/2 hrs & died.



PERFORATION RECORD

Date	Depth Range	Perforation Type	Number of Holes
9/30/98	5551' - 5571'	4 JSPF	80 holes
9/30/98	5610' - 5615'	4 JSPF	20 holes
9/30/98	5659' - 5662'	4 JSPF	12 holes
10/2/98	4931' - 4941'	4 JSPF	40 holes
10/2/98	4991' - 4994'	4 JSPF	12 holes
10/2/98	5040' - 5050'	4 JSPF	40 holes
10/5/98	4581' - 4589'	4 JSPF	32 holes
10/5/98	4600' - 4605'	4 JSPF	20 holes

SN @ 5558'
 EOT @ 5653'
 PBTD @ 5744'
 TD @ 5800'

Inland Resources Inc.
 Castle Draw #8-4-9-17
 2111 FNL 610 FEL
 SENE Section 4-T9S-R17E
 Duchesne Co, Utah
 API #43-013-32077; Lease #U-75038

Inland Production Company Site Facility Diagram

Castle Draw 8-4

SE/NE Sec. 4, T09S, R17E

Duchesne County

March 9, 1999

U-75038, API# 43-013-32077

Site Security Plan is held at the Roosevelt Office, Roosevelt Utah

Production Phase:

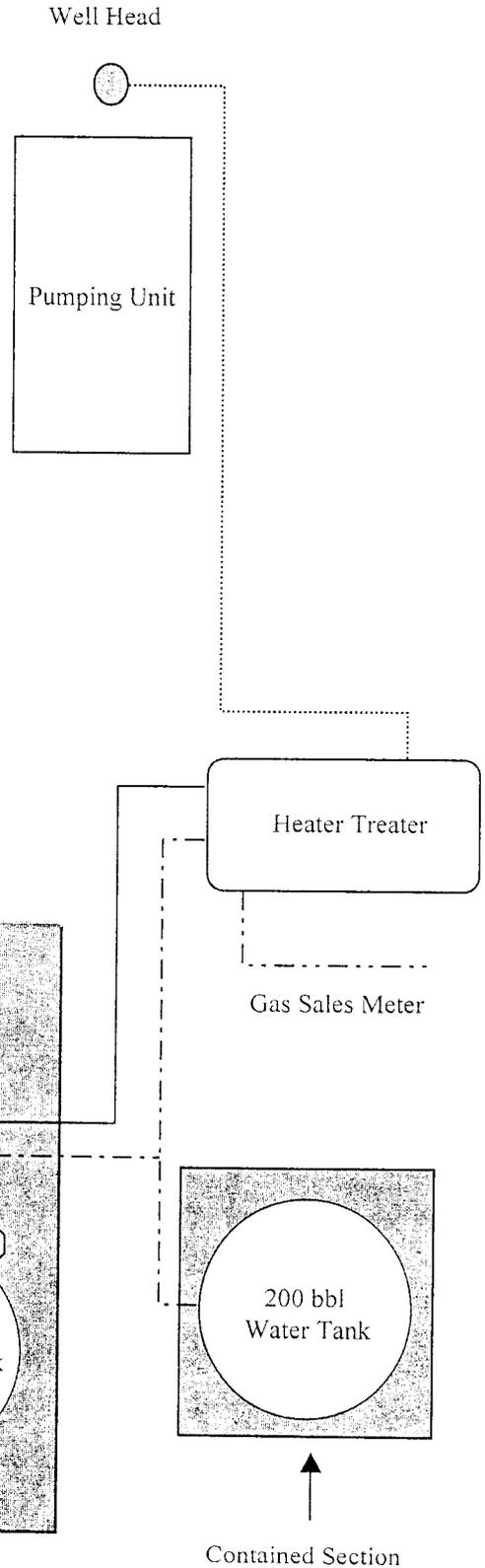
- 1) Valves 1, 3, 4 sealed closed
- 2) Valves 2 and 5 sealed open

Sales Phase:

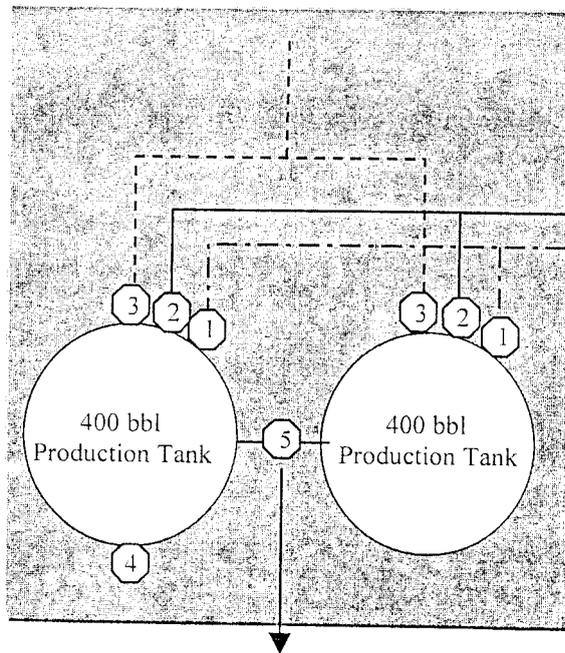
- 1) Valves 1, 2, 4, 5 sealed closed
- 2) Valves 3 open

Draining Phase:

- 1) Valve 1 open



Diked Section →



Equalizer Line

Legend

Emulsion Line
Load Line	-----
Water Line	-----
Oil Line	————
Gas Sales	-----

ATTACHMENT Q

PLUGGING AND ABANDONMENT PLAN

Submit a plan for plugging and abandonment of the well. Submit this information on EPA Form 7520-14, Plugging and Abandonment Plan.

Attachment Q-1	EPA Form 7520-14, Plugging and Abandonment Plan
Attachment Q-2	Wellbore Schematic of Proposed Plugging and Abandonment
Attachment Q-3	Work Procedure for Plugging and Abandonment



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

PLUGGING AND ABANDONMENT PLAN

NAME AND ADDRESS OF FACILITY
Castle Draw Federal #8-4-9-17
Duchesne County, Utah

NAME AND ADDRESS OF OWNER/OPERATOR
Inland Production Company
410 17th Street, Suite 700
Denver, Colorado 80202

<p style="text-align: center;">LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT -- 640 ACRES</p>	STATE Utah	COUNTY Duchesne	PERMIT NUMBER 43-013-32077
	SURFACE LOCATION DESCRIPTION ¼ OF SE ¼ OF NE SECTION 4 TOWNSHIP 9S RANGE 17E		
	LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT Surface Location <u>2111</u> ft. from (N/S) <u>N</u> Line of quarter section and <u>610</u> ft. from (E/W) <u>E</u> Line of quarter section		
	TYPE OF AUTHORIZATION <input checked="" type="checkbox"/> Individual Permit <input type="checkbox"/> Area Permit <input type="checkbox"/> Rule Number of Wells <u>1</u>	WELL ACTIVITY <input type="checkbox"/> CLASS I <input checked="" type="checkbox"/> CLASS II <input type="checkbox"/> Brine Disposal <input checked="" type="checkbox"/> Enhanced Recovery <input type="checkbox"/> Hydrocarbon Storage <input type="checkbox"/> CLASS III	
Lease Name <u>Castle Draw Federal</u>		Well Number <u>#8-4-9-17</u>	

CASING AND TUBING RECORD AFTER PLUGGING

SIZE	WT(LB/FT)	TO BE PUT IN WELL (FT)	TO BE LEFT IN WELL (FT)	HOLE SIZE
8-5/8"	24	290'	290'	12-1/4"
5-1/2"	15.5	5653'	5653'	7-7/8"

METHOD OF EMPLACEMENT OF CEMENT PLUGS

- The Balance Method
- The Dump Bailer Method
- The Two-Plug Method
- Other

CEMENTING TO PLUG AND ABANDON DATA:	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7
Size of Hole or Pipe in which Plug Will be Placed (inches)	5-1/2"	5-1/2"	5-1/2"	5-1/2"	5-1/2"	5-1/2"	annulus
Depth to Bottom of Tubing or Drill Pipe (ft.)	5653'	5653'	5653'	5653'	5653'	5653'	5653'
Sacks of Cement To Be Used (each plug)	35	35	25	30	20	10	10
Slurry Volume To Be Pumped (cu. Ft.)							
Calculated Top of Plug (ft.)	5491'	4851'	4481'	2000'	250'	surface	surface
Measured Top of Plug (if tagged ft.)							
Slurry Wt. (Lb./Gal.)	15.8	15.8	15.8	15.8	15.8	15.8	15.8
Type Cement or Other Material (Class III)	Class G						

LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS AND INTERVALS WHERE CASING WILL BE VARIED (if any)

From	To	From	To
no open holes			

Estimated Cost to Plug Wells \$18,000

CERTIFICATION

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

NAME AND OFFICIAL TITLE (Please type or print) W. T. War / Vice President	SIGNATURE 	DATE SIGNED April 9, 2001
--	---------------	----------------------------------

Castle Draw #8-4-9-17

Spud Date: 9/8/98
 Put on Production: 10/10/98
 GL: 5116' KB: 5126'

Initial Production: 47 BOPD;
 67 MCFD; 9 BWPD

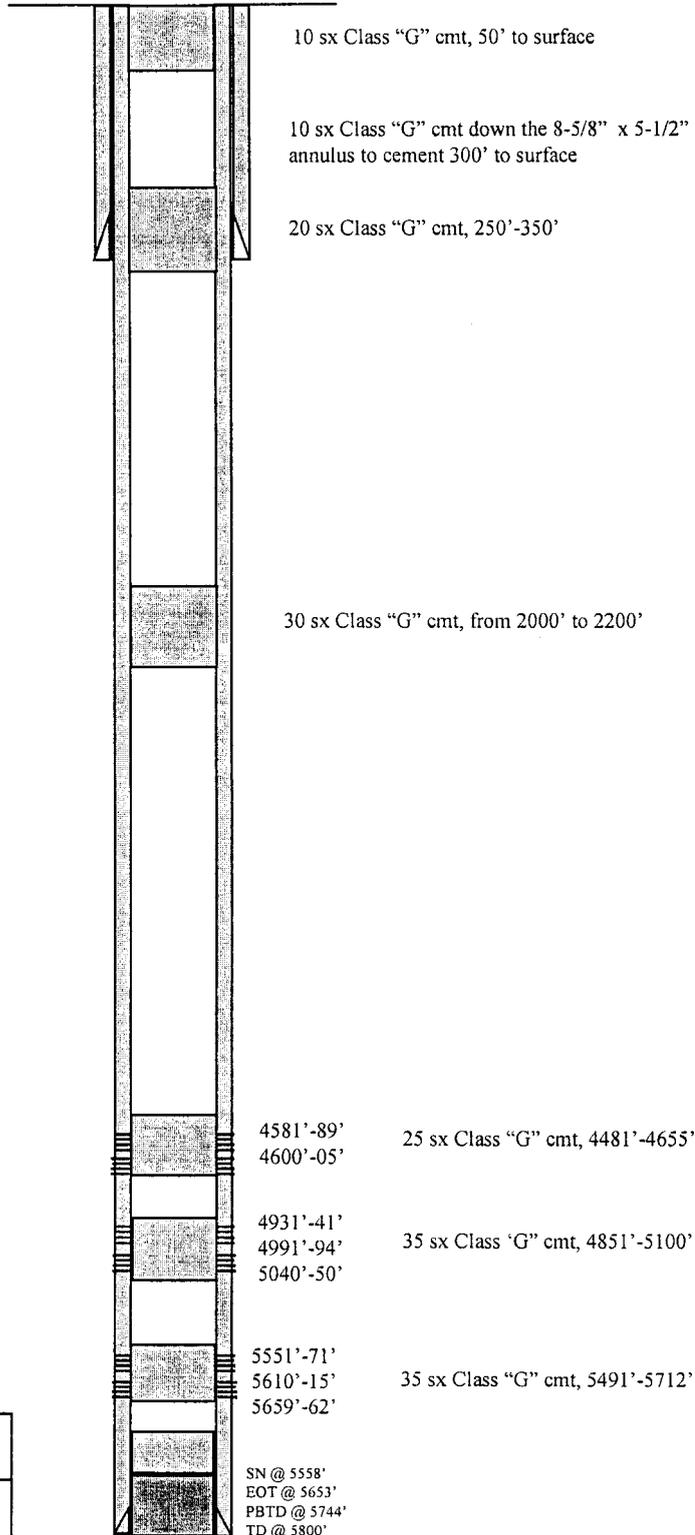
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 LENGTH: 7 jts (290')
 DEPTH LANDED: 300' GL
 HOLE SIZE: 12-1/4"
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 WEIGHT: 15.5#
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 HOLE SIZE: 7-7/8"
 CEMENT DATA: 240 sxs modified mixed & 275 sxs class G
 CEMENT TOP AT: ?
 SET AT: 5794'

Proposed P & A
 Diagram



Inland Resources Inc.
 Castle Draw #8-4-9-17
 2111 FNL 610 FEL
 SENE Section 4-T9S-R17E
 Duchesne Co, Utah
 API #43-013-32077; Lease #U-75038

ATTACHMENT Q-3

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Plug #1 Set 261' plug from 5491'-5712' with 35 sxs Class "G" cement.
2. Plug #2 Set 269' plug from 4851'-5100' with 35 sxs Class "G" cement.
3. Plug #3 Set 174' plug from 4481'-4655' with 25 sxs Class "G" cement.
4. Plug #4 Set 200' plug from 2000'-2200' with 30 sxs Class "G" cement.
5. Plug #5 Set 100' plug from 250'-350' with 20 sxs Class "G" cement (50' above and 50' below casing shoe).
6. Plug #6 Set 50' plug from surface with 10 sxs Class "G" cement.
7. Plug #7 Pump 50 sxs Class "G" cement down the 8-5/8" x 5-1/2" annulus to cement to surface.

ATTACHMENT R
NECESSARY RESOURCES

Submit evidence such as a surety bond or financial statement to verify that the resources necessary to close, plug, or abandon the well are available.

Inland Production Company demonstrates financial responsibility by submitting annually the 10K financial report.

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

---ooOoo---

IN THE MATTER OF THE	:	NOTICE OF AGENCY
APPLICATION OF INLAND	:	ACTION
PRODUCTION COMPANY FOR	:	
ADMINISTRATIVE APPROVAL OF	:	CAUSE NO. UIC- 274
THE CASTLE DRAW FEDERAL 8-4-9-	:	
17 WELL LOCATED IN SECTION 4,	:	
TOWNSHIP 9 SOUTH, RANGE 17	:	
EAST, S.L.M., DUCHESNE COUNTY,	:	
UTAH, AS A CLASS II INJECTION	:	
WELL	:	

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

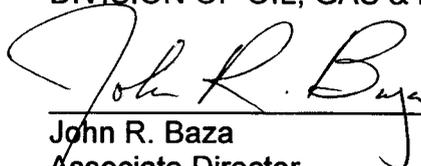
Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Inland Production Company for administrative approval of the Castle Draw Federal 8-4-9-17 well, located in Section 4, Township 9 South, Range 17 East, Duchesne County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rate will be determined based on fracture gradient information submitted by Inland Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 2nd day of May, 2001.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING



John R. Baza
Associate Director

**Inland Production Company
Castle Draw Federal 8-4-9-17
Cause No. UIC- 274**

Publication Notices were sent to the following:

Inland Production Company
410 Seventeenth St, Suite 700
Denver, CO 80202

Uintah Basin Standard via Fax (435) 722-4140
268 S 200 E
Roosevelt, UT 84066-3109

via E-Mail and Facsimile (801) 237-2776
Salt Lake Tribune
PO Box 45838
Salt Lake City, UT 84145

Vernal District Office
Bureau of Land Management
170 S 500 E
Vernal, UT 84078

Duchesne County Assessor
PO Box 317
Duchesne, UT 84066-0317

Inland Production Company
Route #3, Box 3630
Myton, UT 84052

Dan Jackson
US EPA Region VIII, Suite 5000
999 18th Street
Denver, CO 80202-2466



Earlene Russell
Secretary
May 3, 2001

From: "NAC LEGAL" <naclegal@nacorp.com>
To: "Earlene Russell" <nrogm.erussell@state.ut.us>
Date: 5/3/01 4:32PM
Subject: Re: Cause No. UIC 274

Ad is set for Tuesday, May 8.
Thank you very much for sending the ad again.
Lynn

----- Original Message -----

From: "Earlene Russell" <nrogm.erussell@state.ut.us>
To: <naclegal@nacorp.com>
Sent: Thursday, May 03, 2001 10:47 AM
Subject: Cause No. UIC 274

Please reply with a publishing date. Thanks so much.

TRANSACTION REPORT

P. 01

MAY-03-2001 THU 11:26 AM

FOR: OIL, GAS & MINING

801 359 3940

DATE	START	RECEIVER	TX TIME	PAGES	TYPE	NOTE	M#	DP
MAY-03	11:26 AM	2372776	42"	2	SEND	OK	925	
TOTAL :						42S PAGES:	2	



State of Utah
 DEPARTMENT OF NATURAL RESOURCES
 DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
 Governor
 Kathleen Clarke
 Executive Director
 Lowell P. Braxton
 Division Director

1594 West North Temple, Suite 1210
 PO Box 145801
 Salt Lake City, Utah 84114-5801
 801-538-5340
 801-359-3940 (Fax)
 801-538-7223 (TDD)

May 3, 2001

SENT VIA E-MAIL AND FAX (801) 237-2776

Salt Lake Tribune
 PO Box 45838
 Salt Lake City, UT 84145

RE: Notice of Agency Action - Cause No. UIC- 274

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, Suite 1210, PO Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

[Handwritten signature]



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Kathleen Clarke
Executive Director
Lowell P. Braxton
Division Director

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Salt Lake City, Utah 84114-5801
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Sincerely,


Earlene Russell
Secretary

encl.

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XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
*                                                                 P.01 *
*                               TRANSACTION REPORT                               *
*                                                                 MAY-03-2001 THU 11:27 AM *
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*-----*
*   DATE START   RECEIVER           TX TIME  PAGES TYPE      NOTE           M#  DP *
*-----*
*   MAY-03 11:27 AM 14357224140      37"      2  SEND      OK             926 *
*-----*
*                                     TOTAL :           37S PAGES:  2 *
*-----*
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State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210
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May 3, 2001

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[Handwritten signature]



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801-538-7223 (TDD)

May 3, 2001

SENT VIA FAX (435) 722-4140

Uintah Basin Standard
268 S 200 E
Roosevelt, UT 84066-3109

RE: Notice of Agency Action - Cause No. UIC- 274

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, Suite 1210, PO Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

A handwritten signature in cursive script that reads "Earlene Russell".

Earlene Russell
Secretary

encl.

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

---ooOoo---

IN THE MATTER OF THE

NOTICE OF AGENCY
ACTION

APPLICATION OF Inland Production Company
(operator)

CAUSE NO. UIC- 274

FOR ADMINISTRATIVE APPROVAL

OF THE CASTLE DRAW FEDERAL 8-4-9-17

_____ WELLS

LOCATED IN SECTION 4

TOWNSHIP 9 S

RANGE 17 E

S.L.M. or ~~U.S.M.~~

Duchesne COUNTY, UTAH,

AS CLASS II INJECTION WELLS
A

---ooOoo---

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of (operator - same as above) for administrative approval of the (same as above) wells, located in Sections (same as above), Township (same as above), Range (same as above), S.L.M. or U.S.M., (same as above) County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

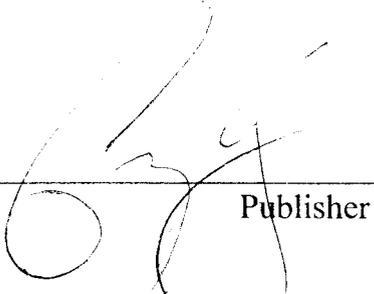
The GREEN RIVER Formation will be selectively perforated for water injection. The maximum injection pressure and rate will be determined on each individual well based on fracture gradient information submitted by Inland Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this _____ day of _____ 199__.

County of Duchesne,
STATE OF UTAH

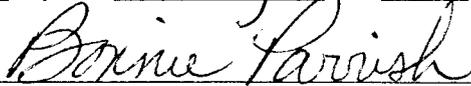
I, Craig L. Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 8 day of May, 2001, and that the last publication of such notice was in the issue of such newspaper dated the 8 day of May, 2001.



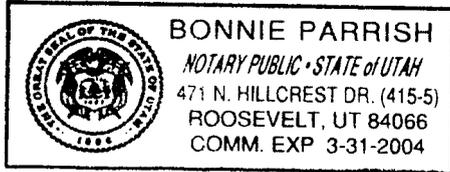
Publisher

Subscribed and sworn to before me this

10 day of May, 2001



Notary Public



NOTICE OF AGENCY ACTION

CAUSE NO. UIC-274
BEFORE THE DIVISION OF OIL, GAS AND MINING

DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH

IN THE MATTER OF THE APPLICATION OF INLAND PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF THE CASTLE DRAW FEDERAL 8-4-9-17 WELL LOCATED IN SECTION 4, TOWNSHIP 9 SOUTH, RANGE 17 EAST, S.L.M., DUCHESNE COUNTY, UTAH, AS A CLASS II INJECTION WELL

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Inland Production Company for administrative approval of the Castle Draw Federal 8-4-9-17 well, located in Section 4, Township 9 South, Range 17 East, Duchesne County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rate will be determined based on fracture gradient information submitted by Inland Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter af-

fects their interests.

Dated this 2nd day of May,
2001.

STATE OF UTAH
DIVISION OF OIL,
GAS & MINING

John R. Baza
Associate Director

Published in the Uintah
Basin Standard May 8,
2001.

143 SOUTH MAIN ST.
 P.O. BOX 45838
 SALT LAKE CITY, UTAH 84145
 FED. TAX I.D.# 87-0217663

Newspaper Agency Corporation

The Salt Lake Tribune  DESERET NEWS

CUSTOMER'S COPY

PROOF OF PUBLICATION

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	D5385340L-07	05/08/01

ACCOUNT NAME	
DIV OF OIL-GAS & MINING	
TELEPHONE	INVOICE NUMBER
801-538-5340	TL820156P91
SCHEDULE	
START 05/08/01 END 05/08/01	
CUST. REF. NO.	
CAPTION	
BEFORE THE DIVISION OF OIL, GA	
SIZE	
51 LINES 2.00 COLUMN	
TIMES	RATE
1	1.64
MISC. CHARGES	AD CHARGES
.00	167.28
TOTAL COST	
167.28	

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

NOTICE OF AGENCY ACTION
 CAUSE NO. UIC- 274

IN THE MATTER OF THE APPLICATION OF INLAND PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF THE CASTLE DRAW FEDERAL 8-4-9-17 WELL LOCATED IN SECTION 4, TOWNSHIP 9 SOUTH, RANGE 17 EAST, S.L.M., DUCHESNE COUNTY, UTAH, AS A CLASS II INJECTION WELL

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Inland Production Company for administrative approval of the Castle Draw Federal 8-4-9-17 well, located in Section 4, Township 9 South, Range 17 East, Duchesne County, Utah, for conversion to a Class II injection well. The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selective zones in the Green River Formation will be used for water injection. The maximum requested injection pressure and rate will be determined based on fracture gradient information submitted by Inland Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 2nd day of May, 2001.

STATE OF UTAH
 DIVISION OF OIL, GAS & MINING

/s/ John R. Baza
 Associate Director

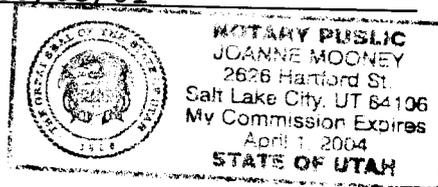
820156P9

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY CORPORATION LEGAL BOOKKEEPER, I CERTIFY THAT THE ATTACHED ADVERTISEMENT OF BEFORE THE DIVISION OF OIL, GA FOR DIV OF OIL-GAS & MINING WAS PUBLISHED BY THE NEWSPAPER AGENCY CORPORATION, AGENT FOR THE SALT LAKE TRIBUNE AND DESERET NEWS, DAILY NEWSPAPERS PRINTED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH.

PUBLISHED ON START 05/08/01 END 05/08/01

SIGNATURE *John R. Baza*
 DATE 05/08/01



THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT.



State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor

Kathleen Clarke
Executive Director

Lowell P. Braxton
Division Director

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
801-538-5340
801-359-3940 (Fax)
801-538-7223 (TDD)

July 30, 2001

Inland Production Company
410 Seventeenth Street, Suite 700
Denver, Colorado 80202

Re: Blackjack Unit Well: Castle Draw Federal 8-4-9-17, Section 4, Township 9 South, Range 17 East, Duchesne County, Utah

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Inland Production Company.
3. A casing\tubing pressure test shall be conducted prior to commencing injection.

If you have any questions regarding this approval or the necessary requirements, please contact Brad Hill or Dan Jarvis at this office.

Sincerely,


John R. Baza
Associate Director

cc: Dan Jackson, Environmental Protection Agency
Bureau of Land Management, Vernal
Inland Production Company, Myton

DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM

**PERMIT
STATEMENT OF BASIS**

Applicant: Inland Production Company **Well:** Castle Draw Federal 8-4-9-17

Location: 4/9S/17E **API:** 43-013-32077

Ownership Issues: The proposed well is located on BLM land. The well is located in the Blackjack Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review. Inland and other various individuals hold the leases in the unit. Inland has provided a list of all surface, mineral and lease holders in the half-mile radius. Inland is the operator of the Blackjack Unit. Inland has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 300 feet and has a cement top at the surface. A 5 ½ inch production casing is set at 5794 feet and has a cement top at 2912'. A cement bond log verifies adequate bond well above the injection zone. A 2 7/8 inch tubing with a packer will be set at 4550 feet. A mechanical integrity test will be run on the well prior to injection. There are 4 producing wells in the area of review. All of the wells have adequate casing and cement. No corrective action will be required.

Ground Water Protection: According to Technical Publication No. 92 the base of moderately saline water is at a depth of approximately 100 feet. Injection shall be limited to the interval between 4581 feet and 5662 feet in the Green River Formation. Information submitted by Inland indicates that the fracture gradient for the 8-4-9-17 well is .754 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1770 psig. The requested maximum pressure is 1770 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Oil/Gas & Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Blackjack Unit December 22, 1999. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM.

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that Administrative approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Brad Hill

Date 07/30/2001

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Inland Production Company
ADDRESS 410 17th Street, Suite 700
Denver, Colorado 80202

Well Name and number: Castle Draw Federal #8-4-9-17
Field or Unit name: Monument Butte Field Lease No. UTU-75038
Well Location: QQ SENE section 4 township 9S range 17E county Duchesne

Is this application for expansion of an existing project? Yes [X] No []
Will the proposed well be used for: Enhanced Recovery? Yes [X] No []
Disposal? Yes [] No [X]
Storage? Yes [] No [X]
Is this application for a new well to be drilled? Yes [] No [X]
If this application is for an existing well,
has a casing test been performed on the well? Yes [] No [X]
Date of test: Will be done at time of conversion
API number: 43-013-32077

Proposed injection interval: from 4581' to 5662'
Proposed maximum injection: rate 500 bpd pressure 2982 psig
Proposed injection zone contains [X] oil, [] gas, and/or [] fresh water within 1/2 mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should accompany this form.

List of Attachments: Attachments A through R

I certify that this report is true and complete to the best of my knowledge.
Name: Joyce I. McGough Signature Joyce I. McGough
Title Regulatory Specialist Date 1/27/01
Phone No. (303) 893-0102

(State use only)
Application approved by _____ Title _____
Approval Date _____

Comments:



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		



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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
999 18th STREET - SUITE 300
DENVER, CO 80202-2466
<http://www.epa.gov/region08>

FEB - 8 2005

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

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

David Gerbig
Newfield Production Company
1401 Seventeenth Street
Suite 1000
Denver, CO 80202

RECEIVED
FEB 15 2005
DIV. OF OIL, GAS & MINING

Re: Underground Injection Control Program
Permit for the Castle Draw Federal 8-4-9-17 Well
Duchesne County, UT
EPA Permit No. UT20916-04630

Dear Mr. Gerbig:

Enclosed is your copy of the FINAL Underground Injection Control (UIC) Permit for the proposed Castle Draw Federal 8-4-9-17, in Duchesne County, Utah. A Statement of Basis, which discusses development of the conditions and requirements of the Permit, also is included.

The Public Comment period ended on January 27, 2005. There were no comments on the Draft Permit received during the Public Notice period, and therefore the Final Permit becomes effective on 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 on the date that this Permit becomes effective.

Please note that under the terms of the Final Permit, you are authorized only to construct the proposed injection well, and must fulfill the "Prior to Commencing Injection" requirements of the Permit, Part II Section C Subpart 1 and obtain written Authorization to Inject prior to commencing injection. It is your responsibility to be familiar with and to comply with all provisions of the Final Permit.

The Permit and the authorization to inject are issued for the operating life of the well unless terminated (Part III, Section B). The EPA will review this Permit at least every five (5) years to determine whether action under 40 CFR § 144.36(a) is warranted.



Printed on Recycled Paper

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. 6174.

Sincerely,



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

enclosure: Final UIC Permit
 Statement of Basis
 Form 7520-7 Application to Transfer Permit
 Form 7520-11 Monitoring Report
 Form 7520-14 Plugging Plan
 Form 7520-12 Well Rework Record
 Groundwater Section Guidance 34
 Groundwater Section Guidance 35
 Groundwater Section Guidance 37
 Groundwater Section Guidance 39

cc: Maxine Natchees
 Chairperson
 Uintah & Ouray Business Committee
 Ute Indian Tribe

Elaine Willie
Environmental Coordinator
Ute Indian Tribe

Chester Mills
Superintendent
Bureau of Indian Affairs
Uintah & Ouray Indian Agency

Gil Hunt
Technical Services Manager
State of Utah - Natural Resources

Ed Forsman
Sr. Petroleum Engineer
Bureau of Land Management
Vernal District



**UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT**

PREPARED: January 2005

Permit No. UT20916-04630

Class II Enhanced Oil Recovery Injection Well

**Castle Draw Federal 8-4-9-17
DUCHESNE County, UT**

Issued To

Newfield Production Company

1401 Seventeenth Street

Suite 1000

Denver, CO 80202

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
1401 Seventeenth Street
Suite 1000
Denver, CO 80202

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

Castle Draw Federal 8-4-9-17
2111 FNL 610 FEL, SENE S4, T9S, R17E
DUCHESNE County, UT

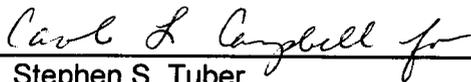
Permit requirements herein are based on regulations found in 40 CFR Parts 124, 144, 146, and 147 which are in effect on the Effective Date of this Permit.

This Permit is based on representations made by the applicant and on other information contained in the Administrative Record. Misrepresentation of information or failure to fully disclose all relevant information may be cause for termination, revocation and reissuance, or modification of this Permit and/or formal enforcement action. This Permit will be reviewed periodically to determine whether action under 40 CFR 144.36(a) is required.

This Permit is issued for the life of the well or wells unless modified, revoked and reissued, or terminated under 40 CFR 144.39 or 144.40. This Permit may be adopted, modified, revoked and reissued, or terminated if primary enforcement authority for this program is delegated to an Indian Tribe or a State. Upon the effective date of delegation, all reports, notifications, questions and other compliance actions shall be directed to the Indian tribe or State Program Director or designee.

Issue Date: FEB - 8 2005

Effective Date FEB - 8 2005



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 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 can 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. A current copy of 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 provided at issuance of this Permit.

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.

Injection operation may commence only after all construction and pre-injection requirements herein have been met and approved. Except for new wells authorized by an Area Permit under 40 CFR 144.33 (c), 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 7520-12; 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 injected 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.
- (c) The Permittee shall retain records at the location designated in APPENDIX D.

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 prevents the movement of fluids into or between underground sources of drinking water. 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. The well shall be plugged in accordance with the approved plugging and abandonment plan and with 40 CFR 146.10.

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 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

SURFACE CASING: 8-5/8 inch casing was set in a 12-1/4 inch hole with 160 sacks of Premium cement which was circulated to the surface. The base of the underground source of drinking water is approximately 50 feet from ground level.

PRODUCTION CASING: 5-1/2 inch casing was set in a 7-7/8 inch hole with 240 sacks of "modified" mixed with 275 sacks of Class "G". Operator does not identify top of cement.

The EPA's analysis of the Cement Bond Log (CBL) identifies the top 80% bond index cement bond at 4532 feet to 4556 feet. The Confining Zone is located 3630 feet to 3696 feet.

Total depth by driller: 5800 feet in Douglas Creek Member.
Plug back total depth: 5744 feet in Douglas Creek Member.

PROPOSED WELL CONVERSION: Operator will utilize existing production perforations in the Garden Gulch Member (gross 4581 feet to 4605 feet) and Douglas Creek Member (gross 4931 feet to 5662 feet).

TUBING: The operator intends to utilize 2-7/8 inch tubing. The packer shall be set no higher than 100 feet above the top perforation, 4581 feet.

Castle Draw #8-4-9-17

Spud Date: 9/8/98
 Put on Production: 10/10/98
 GL: 5116' KB: 5126'

Initial Production: 47 BOPD;
 67 MCFD; 9 BWPD

Proposed Injection Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55 *Base To 4500s 0-50'*
 WEIGHT: 24#
 LENGTH: 7 jts. (290')
 DEPTH LANDED: 300' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Premium cmt, est 7 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 134 jts. (5785')
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 240 sxs modified mixed & 275 sxs class G
 CEMENT TOP AT: ?
 SET AT: 5794'

TUBING

DETAILS AFTER 5/4/00 WORKOVER:

SIZE/GRADE/WT.: 2-7/8" / N-80 and M-50 / 6.5#

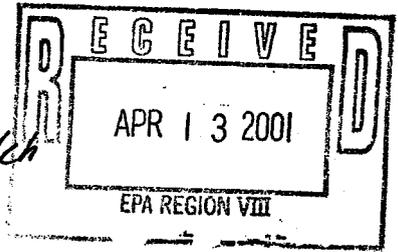
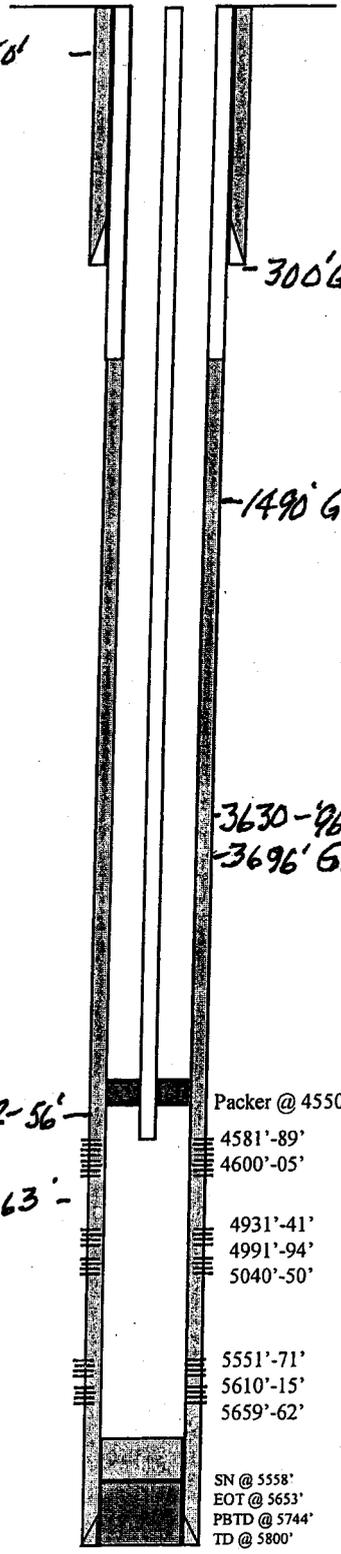
NO. OF JOINTS: 2+1+SN+2+176 jts
 TUBING ANCHOR: 5497' KB
 SEATING NIPPLE: 2-7/8"
 TOTAL STRING LENGTH: 5655'
 SN LANDED AT: 5558'
 EOT @ 5653'

FRAC JOB

10/1/98 5551'-5662' **Frac CP sands as follows:**
 RU BJ Services & frac CP sds w/103,769# 20/40 sd in 539 bbls Viking I-25 fluid. Perfs broke dn @ 3960 psi. Treated @ ave press of 1650 psi w/ave rate of 29.9 BPM. ISIP: 1800 psi, 5 min: 1657 psi. Flowback on 12/64 choke for 3-1/2 hrs & died.

10/2/98 4931'-5050' **Frac B sands as follows:**
 RU BJ Services & frac B sds w/120,503# 20/40 sd in 586 bbls Viking I-25 fluid. Perfs broke back @ 2500 psi @ 16 BPM. Treated @ ave press of 1700 psi w/ave rate of 29.7 BPM. ISIP: 2400 psi, 5 min: 1920 psi. Flowback on 12/64 choke for 4 hrs & died.

10/6/98 4581'-4605' **Frac YDC sands as follows:**
 RU BJ Services & frac YDC sds w/96,155# 20/40 sd in 494 bbls Viking I-25 fluid. Perfs broke dn @ 1992 psi. Treated @ ave press of 2600 psi w/ave rate of 29.7 BPM. ISIP: 3000 psi, 5 min: 2866 psi. Flowback on 12/64 choke for 2-1/2 hrs & died.



PERFORATION RECORD

Date	Depth Range	Perforations	Holes
9/30/98	5551'-5571'	4 JSPF	80 holes
9/30/98	5610'-5615'	4 JSPF	20 holes
9/30/98	5659'-5662'	4 JSPF	12 holes
10/2/98	4931'-4941'	4 JSPF	40 holes
10/2/98	4991'-4994'	4 JSPF	12 holes
10/2/98	5040'-5050'	4 JSPF	40 holes
10/5/98	4581'-4589'	4 JSPF	32 holes
10/5/98	4600'-4605'	4 JSPF	20 holes

Top EPA 80% Cement 4532-56'
Touglas Creek 4663'

Inland Resources Inc.
 Castle Draw #8-4-9-17
 2111 FNL 610 FEL
 SENE Section 4-T9S-R17E
 Duchesne Co, Utah
 API #43-013-32077; Lease #U-75038

Revised: 3/28/01 - JM

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.

NO LOGGING REQUIREMENTS

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 Federal 8-4-9-17	
TYPE OF TEST	DATE DUE
Step Rate Test	Within a 180-day period following commencement of injection.
Standard Annulus Pressure	Prior to authorization to commence injection, and at least once every five (5) years thereafter.
Pore Pressure	Prior to authorization to commence injection.
Radioactive Tracer Survey (2)	Within a 180-day period following commencement of injection, and at least once every five (5) years thereafter.

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 Federal 8-4-9-17	1,460

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 Federal 8-4-9-17	APPROVED INJECTION INTERVAL (KB, ft)		FRACTURE GRADIENT (psi/ft)
	TOP	BOTTOM	
FORMATION NAME Green River: Garden Gulch-Douglas Creek-Basal Carbonate Members.	3,696.00	5,744.00	0.754

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:

There is no limitation on the number of barrels per day (bbls/day) of water that shall be injected into this well, provided further that in no case shall injection pressure exceed that limit shown in Appendix C.

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 averaged annulus pressure(s) (psig)
	Each month's averaged injection rate (bbl/day)
	Fluid volume injected since the well began injecting (bbl)
	Written results of annual injected fluid analysis
	Sources of all fluids injected during the year

Records of all monitoring activities must be retained and made available for inspection at the following location:

Newfield Production Company
1401 Seventeenth Street - Suite 1000
Denver, CO 8020

APPENDIX E

PLUGGING AND ABANDONMENT REQUIREMENTS

SEE DIAGRAM.

The Plugging and Abandonment Plan is approved by the EPA without modification.

The operator shall place 9.6 ppg plugging gel between all cement plugs.

PLUG NO. 1: Set a Class "G" cement plug 5491 feet to 5712 feet which will be across gross perforations 5551 feet to 5662 feet.

PLUG NO. 2: Set a Class "G" cement plug 4851 feet to 5100 feet which will be across gross perforations 4931 feet to 5050 feet.

PLUG NO. 3: Set a Class "G" cement plug 4481 feet to 4655 feet which will be across gross perforations 4581 feet to 4605 feet.

PLUG NO. 4: Set a Class "G" cement plug 2000 feet to 2200 feet.

PLUG NO. 5: Set a Class "G" cement plug from 250 feet to 350 feet.

PLUG NO. 6: Set a Class "G" cement plug on the backside of the 5-1/2 inch casing from the surface to a depth of 300 feet.

PLUG NO. 7: Set a Class "G" cement plug from surface to a depth of 50 feet inside the 5-1/2 inch casing.

Castle Draw #8-4-9-17

Initial Production: 47 BOPD;
67 MCFD; 9 BWPD

Spud Date: 9/8/98
Put on Production: 10/10/98
GL: 5116' KB: 5126'

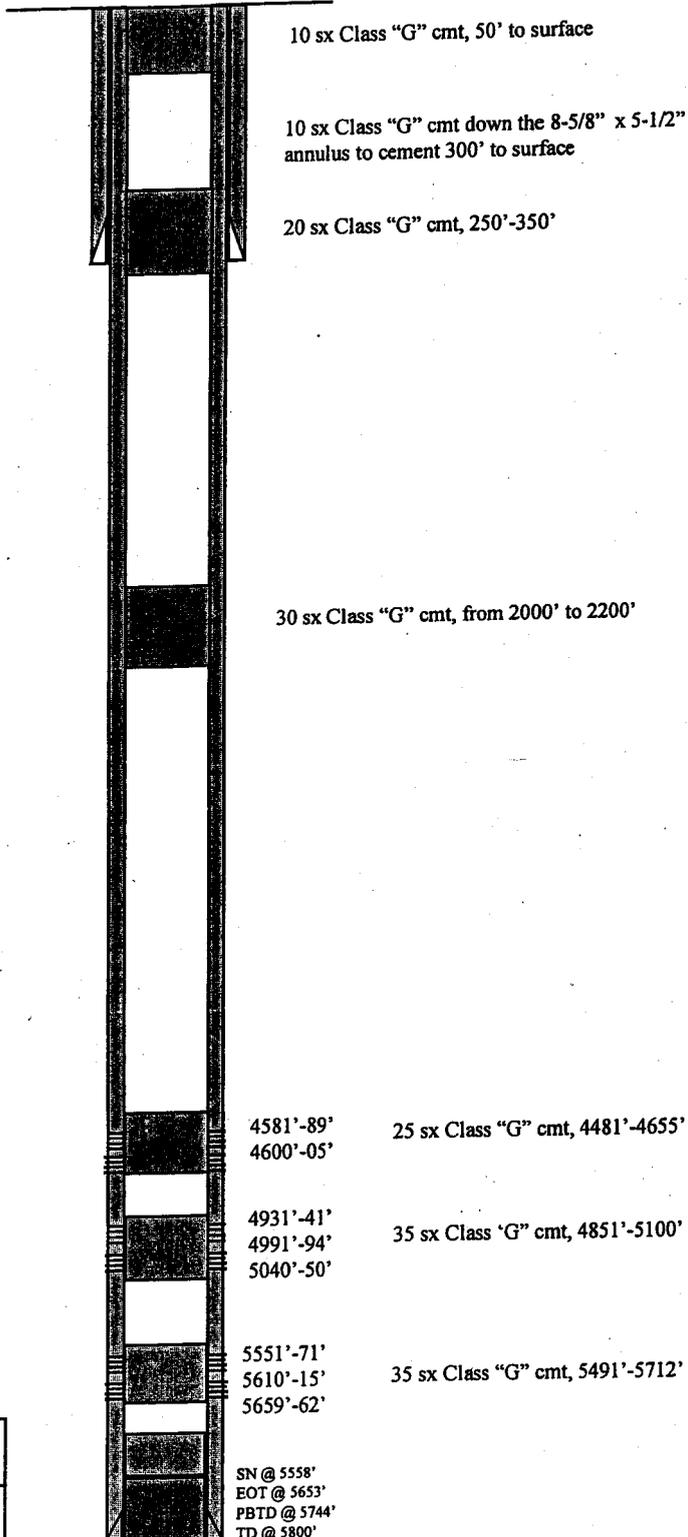
SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts. (290')
DEPTH LANDED: 300' GL
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Premium cmt, est 7 bbls to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 134 jts. (5785')
HOLE SIZE: 7-7/8"
CEMENT DATA: 240 sxs modified mixed & 275 sxs class G
CEMENT TOP AT: ?
SET AT: 5794'

Proposed P & A
Diagram



Inland Resources Inc.
Castle Draw #8-4-9-17
 2111 FNL 610 FEL
 SENE Section 4-T9S-R17E
 Duchesne Co, Utah
 API #43-013-32077; Lease #U-75038

APPENDIX F

CORRECTIVE ACTION REQUIREMENTS

No corrective action is required for the Castle Draw No. 9-4-9-17. Although no 80% bond index cement bond is present within the confining zone, 3680 feet to 3708 feet, the base of the USDW approximates 20 feet from ground level and is protected by surface casing that has been cemented to the surface.

However, the permittee is required to inspect the surface of this well on a weekly basis to determine if there is injectate contamination. Observing injectate fluid at the surface, the permittee shall immediately shut-in the Castle Draw No. 8-4-9-17, and the Castle Draw No. 8-4-9-17 will remain shut-in until the noncompliance has been resolved. The operator will not commence injection until the operator has so been authorized by letter from the Director.

STATEMENT OF BASIS

**NEWFIELD PRODUCTION COMPANY
CASTLE DRAW FEDERAL 8-4-9-17
DUCHESNE COUNTY, UT**

EPA PERMIT NO. UT20916-04630

CONTACT: Emmett Schmitz
U. S. Environmental Protection Agency
Ground Water Program, 8P-W-GW
999 18th Street, Suite 300
Denver, Colorado 80202-2466
Telephone: 1-800-227-8917 ext. 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.

UIC Permits specify the conditions and requirements for construction, operation, monitoring and reporting, and plugging of injection wells to prevent the movement of fluids into underground sources of drinking water (USDWs). 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 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 conversion and operation of a "new" injection well or wells 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
1401 Seventeenth Street
Suite 1000
Denver, CO 80202

on

April 13, 2001

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

The Castle Draw Federal No. 8-4-9-17 is an unprofitable Green River Formation oil well. The permittee intends to convert the Castle Draw Federal No. 8-4-9-17 to a Class II enhanced recovery injection facility. As detailed in Appendix A (Well Construction Requirements), the permittee will inject blended Green River Formation water and source water from the Johnson Water District reservoir into the Garden Gulch and Douglas Creek Members of the Green River Formation proposed gross perforations 4581 feet to 5692 feet.

Castle Draw Federal 8-4-9-17
2111 FNL 610 FEL, SENE S4, T9S, R17E
DUCHESNE County, UT

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

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

TABLE 1.1		
WELL STATUS / DATE OF OPERATION		
CONVERSION WELLS		
Well Name	Well Status	Date of Operation
Castle Draw Federal 8-4-9-17	Conversion	N/A

PART II. Permit Considerations (40 CFR 146.24)

Geologic Setting (TABLE 2.1)

GEOLOGIC SETTING: UINTA BASIN, UTAH

Geologic Setting

The well is located in the Greater Monument Butte area, near the center of the broad, gently northward dipping south flank of the Uinta Basin. The beds dip at about 200'/mile, and there are no known surface folds or faults in the field. The lower 600' to 800' of the Uinta Formation, generally consisting of 5' to 20' thick brown lenticular fluvial sandstone and interbedded varicolored shales, outcrops at the surface in this area. The Uinta is underlain by the Green River Formation which consists of lake (lacustrine) margin sandstones, limestone and shale beds that were deposited along the edges and on the broad level floor of Lake Uinta as it expanded and contracted through time. Several distinct geologic hydrocarbon productive Members within the Green River Formation are identified as the Garden Gulch, Douglas Creek, and the Basal Carbonate Members. The Basal Carbonate Member is the basal unit of the Green River Formation in the Walker Hollow Unit. Underlying the Green River Formation is the Wasatch Formation, which is approximately 2400' thick in this area and consists of red alluvial shales and siltstone with scattered lenticular sandstones usually 10' to 50' thick.

Geologic Information

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 formed in Paleocene to Eocene time, creating a large area of internal drainage which was filled by ancestral Lake Uinta. Deposition in and around Lake Uinta consisted of open- to marginal-lacustrine sediments that make up the Green River Formation. Alluvial red-bed deposits that are laterally equivalent to and intertongue with the Green River make up the Colton Formation (Wasatch). More than 450 million barrels of oil (63 MT) have been produced from the Green River and Wasatch Formations in the Uinta Basin. The Cedar Rim, Altamont, Bluebell, and Red Wash fields produce from the northern shoreline deposits of Lake Uinta, while the fields in the Monument Butte area produce from southern deltaic shoreline deposits as preserved in the Middle and Lower Members (Garden Gulch, Douglas Creek, Basal Carbonate) of the Green River Formation. The southern shore of Lake Uinta was very broad and flat, which allowed large transgressive and regressive shifts in the shoreline in response to climatic and tectonic-induced rise and fall of the lake. The cyclic nature of Green River deposition in the Monument Butte area resulted in numerous stacked deltaic deposits. Distributary-mouth bars, distributary channels, and near-shore

bars are the primary 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 Tertiary Duchesne River Formation alluvium generally is present at the surface in this area, The Oligocene Uinta Formation underlies the Duchesne Formation and in turn is underlain by the Eocene Green River Formation. The Uinta Formation consists primarily of lacustrine (lake) sand and shales cyclically deposited during large shifts in shoreline of ancient Lake Uinta as the level rose and fell in response to tectonic and climatic forces.

TABLE 2.1
GEOLOGIC SETTING
Castle Draw Federal 8-4-9-17

Formation Name	Top (ft)	Base (ft)	TDS (mg/l)	Lithology
Green River	1,490.00	6,040.00	42,665.00	Within the Newfield Production Company area of interest (T7-8S, R17E), the Green River Formation contains limestone, sandstone, marlstone, usually dark-colored shale. All sediments were deposited along the edges of an oscillating Lake Uinta. Hydrocarbon producing Green River Formation Members are the Garden Gulch, Douglas Creek, and Basal Carbonate. Underlying the Green River Formation is the Wasatch Formation.

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 the confining zone which is free of known open faults or fractures within the Area of Review.

The permittee will inject blended source water from the Johnson Water District Reservoir, and produced Green River Formation water from the Castle Draw No. 9-4-9-17. Gross perforations 4581 feet to 5662 feet are in primarily lacustrine sand deposited within the littoral environment of an oscillating Lake Uinta shoreline.

TABLE 2.2
INJECTION ZONES
Castle Draw Federal 8-4-9-17

Formation Name	Top (ft)	Base (ft)	TDS (mg/l)	Fracture Gradient (psi/ft)	Porosity	Exempted?*
Green River: Garden Gulch-Douglas Creek-Basal Carbonate Members.	3,696.00	5,744.00	42,665.00	0.754		N/A

* **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.

TABLE 2.3
CONFINING ZONES
Castle Draw Federal 8-4-9-17

Formation Name	Formation Lithology	Top (ft)	Base (ft)
Green River	Shale	3,630.00	3,696.00

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.

The State of Utah "Water Wells and Springs", <http://NRWRT1.NR.STATE.UT.US>, identifies no public water supply wells within the one-quarter (1/4) mile Area-of-Review (AOR) of the Castle Draw Federal No. 8-4-9-17.

Water analysis of the Green River Formation hydrocarbon producing interval, gross perforations 4581 feet to 5662 feet, Castle Draw Federal No. 8-4-9-17, cites total dissolved solid content as 42,665 mg/l. The base of USDW, as described from Plate 1-Technical Publication No. 92-State of Utah- Department of Natural Resources, is approximately fifty (50)feet from the surface. The base of the USDW is behind surface pipe that has been cemented to the surface.

TABLE 2.4
UNDERGROUND SOURCES OF DRINKING WATER (USDW)
Castle Draw Federal 8-4-9-17

Formation Name	Formation Lithology	Top (ft)	Base (ft)	TDS (mg/l)
Uinta	Fluvial sandstone and shale	0.00	50.00	< 10,000.00

PART III. Well Construction (40 CFR 146.22)

SURFACE CASING: 8-5/8 inch casing was set in a 12-1/4 inch hole with 160 sacks of Premium cement which was circulated to the surface. The base of the underground source of drinking water is approximately 50 feet from ground level.

PRODUCTION CASING: 5-1/2 inch casing was set in a 7-7/8 inch hole with 240 sacks of modified mixed with 275 sacks of Class "G". Operator does not identify top of cement.

The EPA's analysis of the Cement Bond Log (CBL) identifies the top 80% bond index cement bond at 4532 feet to 4556 feet. The Confining Zone is located 3630 feet to 3696 feet.

Total depth by driller: 5800 feet in Douglas Creek Member.
 Plug back total depth: 5744 feet in Douglas Creek Member.

PROPOSED WELL CONVERSION: Operator will utilize existing production perforations in the Garden Gulch Member (gross 4581 feet to 4605 feet) and Douglas Creek Member (gross 4931 feet to 5662 feet).

TUBING: The operator intends to utilize 2-7/8 inch tubing. The packer shall be set no higher than 100 feet above the top perforation, 4581 feet.

TABLE 3.1
WELL CONSTRUCTION REQUIREMENTS
Castle Draw Federal 8-4-9-17

Casing Type	Hole Size (in)	Casing Size (in)	Cased Interval (ft)	Cemented Interval (ft)
Longstring	7.88	5.50	0.00 - 5,794.00	317.00 - 5,744.00
Surface	12.25	8.63	0.00 - 300.00	0.00 - 300.00

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 construction plan for the well or wells proposed for conversion to an injection well 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 and conversion details for the well or wells are shown in TABLE 3.1.

An EPA analysis of the Cement Bond Log (CBL) of the Castle Draw No. 8-4-9-17 does not identify 80% bond index cement bond within the confining zone, 3630 feet to 3696 feet. The Final Permit will require the operator to conduct a Part II (External) Mechanical Integrity Test (MIT) within 180 days from an EPA "Limited Authorization To Inject". Part II MIT may be demonstrated by either a Cement Bond Log, a Temperature Log, a Radioactive Tracer Survey (RATS), or any other external MIT that the Director may require. A current Part II External MIT Guidance (Guidance No. 37) will be issued with the Final Permit.

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 the conditions of the Permit.

Monitoring Devices

The permittee will be required to install and maintain wellhead equipment allowing for monitoring pressures and providing access for sampling the injected fluid. This equipment includes: 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) pressure gauges attached to the injection tubing and the TCA to monitor 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)
Castle Draw No. 9-4-9-17	Producer	No	5,883.00	560.00	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.

On a weekly basis, the permittee shall inspect the surface area of the Castle Draw No. 9-4-9-17 (NE NE Sec. 4 - T9S - R17E) for any evidence of injectate fluid. Should contamination be observed, the permittee shall shut in the Castle Draw Federal No. 8-4-9-17, and inform the EPA of such contamination. The EPA will conduct remedial work on the Castle Draw Federal No. 9-4-9-17, and submit to the EPA the EPA WELL REWORK RECORD (Form No. 7520-12) enclosed. No injection shall commence until the permittee receives written authority from the Director.

No 80% bond index cement bond has been identified within the confining zone, 3680 feet to 3708 feet, of the Castle Draw No. 9-4-9-17. No hydrostatic head analysis is necessary as the known underground source of drinking water is approximately twenty (20) feet from the surface and behind surface casing that has been cemented to the surface.

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.

TABLE 4.1 lists the wells in the AOR, and shows the well type, operating status, depth, top of casing cement and whether a CAP is required for this well.

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.	4,581.00	0.754	1,460

Approved Injection Fluid

The approved injection fluid is limited to fluids which meet requirements 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. Non-exempt wastes, including unused fracturing fluids or acids, gas plant cooling tower cleaning wastes, service wastes and vacuum truck wastes, are not approved.

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.

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 dependant upon well-specific conditions as explained below:

Well construction/conversion 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 every five 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 1000 psi, whichever is the lesser, with a ten (10) percent or less pressure loss over thirty (30) minutes.

PART II MI: Cement records for the Castle Draw Federal No. 8-4-9-17 do not show that adequate cement exists behind pipe, i.e., the Confining Interval. The CBL for the Castle Draw Federal No. 8-4-9-17 shows 80% cement bond at 4532 feet to 4556 feet. The Confining Zone is identified at 3630 feet to 3696 feet. Part II External MI will required within a 180-day Limited Authorization to Inject period, and at least once every five (5) years thereafter.

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, injection flow rate and cumulative fluid volume, and the maximum and average value for each must be determined for each month. 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 or wells must be plugged with cement in a manner which will not allow the movement of fluids either into or between USDWs. The plugging and abandonment plan is described in Appendix E of the Permit.

The operator shall place 9.6 ppg plugging gel between all cement plugs.

PLUG NO. 1: Set a Class "G" cement plug 5491 feet to 5712 feet which will be across gross perforations 5551 feet to 5662 feet.

PLUG NO. 2: Set a Class "G" cement plug 4851 feet to 5100 feet which will be across gross perforations 4931 feet to 5050 feet.

PLUG NO. 3: Set a Class "G" cement plug 4481 feet to 4655 feet which will be across gross perforations 4581 feet to 4605 feet.

PLUG NO. 4: Set a Class "G" cement plug 2000 feet to 2200 feet.

PLUG NO. 5: Set a Class "G" cement plug from 250 feet to 350 feet.

PLUG NO. 6: Set a Class "G" cement plug on the backside of the 5-1/2 inch casing from the surface to a depth of 300 feet.

PLUG NO. 7: Set a Class "G" cement plug from surface to a depth of 50 feet inside the 5-1/2 inch casing.

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:

Surety Bond, received April 25, 2000

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

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

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

RECEIVED

MAR 14 2005

LEASE DESIGNATION AND SERIAL NUMBER:
 UTU75038

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
 BLACKJACK UNIT

8. WELL NAME and NUMBER:
 CASTLE DRAW 8-4-9-17

9. API NUMBER:
 4301332077

10. FIELD AND POOL, OR WILDCAT:
 Monument Butte

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

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR:
 Newfield Production Company

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

4. LOCATION OF WELL:
 FOOTAGES AT SURFACE: 2111 FNL 610 FEL COUNTY: Duchesne
 OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SE/NE, 4, T9S, R17E STATE: Utah

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

TYPE OF ACTION

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: _____ 03/09/2005	<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 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 was recompleted in the Green River Formation. One new interval was perforated. The GB6 sds 4250'-4254'w/ 4JSPF for a total of 16 shots.

The well was also converted from a producing to an injection well on 2/21/05. The rods and tubing anchor were removed and packer was inserted in bottom hole assembly 4163'. On 2/24/05 Mr. Dan Jackson w/EPA was notified of the intent to conduct a MIT on the casing. On 3/1/05 the casing was pressured to 1330 psi w/no pressure loss charted in the 1/2 test. No governmental agencies were able to witness the test.

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

NAME (PLEASE PRINT) Krishna Russell

TITLE Production Clerk

SIGNATURE

Krishna Russell

DATE March 09, 2005

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: 3/1/2005
 Test conducted by: J.D. Harrocks
 Others present: _____

Well Name: <u>Castle Dena Field 8-4-7-17</u>	Type: <u>ER</u> SWD	Status: AC TA <u>UC</u>
Field: <u>Black Jack unit</u>		
Location: <u>SE 1/4</u> Sec: <u>4</u> T <u>9S</u> N/S R <u>17E</u> /W	County: <u>Duchesne</u>	State: <u>UT</u>
Operator: <u>New Field</u>		
Last MIT: <u>N/A</u>	Maximum Allowable Pressure: <u>N/A</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: N/A bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1		Test #2		Test #3	
TUBING	PRESSURE					
Initial Pressure	0	psig		psig		psig
End of test pressure	0	psig		psig		psig
CASING / TUBING	ANNULUS		PRESSURE			
0 minutes	1330	psig		psig		psig
5 minutes	1330	psig		psig		psig
10 minutes	1330	psig		psig		psig
15 minutes	1330	psig		psig		psig
20 minutes	1330	psig		psig		psig
25 minutes	1330	psig		psig		psig
30 minutes	1330	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: _____

4/3013 32077



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
999 18TH STREET - SUITE 300
DENVER, CO 80202-2466
http://www.epa.gov/region08

Ref: 8P-W-GW

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

MAR 24 2005

RECEIVED

MAR 30 2005

DIV. OF OIL, GAS & MINING

Mr. David Gerbig
Operations Engineer
Newfield Production Company
1401 Seventeenth Street - Suite 1000
Denver, CO 80202

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

RE: 180-Day Limited Authorization to Inject
Castle Draw Federal No. 8-4-9-17
SE NE Sec. 4 - T9S - R17E
EPA Well Permit No. UT20916-04630
Duchesne County, Utah

Dear Mr. Gerbig:

The Newfield Production Company (Newfield) submission of Prior to Commencing Injection documents, on March 9, 2005, did contain all information required to fulfill the Environmental Protection Agency's (EPA) Prior to Commencing Injection requirements, as cited in the **Castle Draw Federal No. 8-4-9-17, Permit, UT20916-04630**. The submitted data included an EPA Well Rework Form (Form No. 7520-12), a Part I (Internal) Mechanical Integrity Test, and the injection zone pore pressure. All data was reviewed and approved by the EPA on March 16, 2005.

The EPA is hereby authorizing injection into the Castle Draw Federal No. 8-4-9-17 for a limited period of up to one hundred and eighty (180) calendar days, herein referred to as the "Limited Authorized Period". **The "180-Day Limited Authorization Period" will commence upon the first date of enhanced recovery injection.** The permittee is responsible for notifying Emmett Schmitz, of my office, by letter within fifteen (15) working days of the date that enhanced recovery injection began. The initial maximum allowable injection pressure (MAIP) is 1460 psig.

Because the cement bond log submitted for this well did not show an adequate interval of 80% or greater bond index cement through the confining zone overlying the Garden Gulch Member, **the operator is required to demonstrate Part II (External) Mechanical Integrity (Part II MI) within the 180-day "Limited Authorized Period"**. Approved tests for demonstrating Part II (External) MI include a Temperature Survey, a Noise Log or Oxygen Activation Log, and Region 8 may also accept results of a Radioactive Tracer Survey under certain circumstances. The "Limited Authorized Period" allows injection for the purpose of



stabilizing the injection formation pressure prior to demonstrating Part II (External) MI, which is necessary because the proposed injection zone is under-pressured due to previous oil production from the zone, and the tests rely on stable formation pressure. Results of tests shall be submitted to, and written approval with authority to re-commence injection received from, EPA prior to resuming injection following the "Limited Authorized Period". Copies of current Region 8 Guidelines for conducting Part II (External) Mechanical Integrity Tests will be submitted upon request.

Should the operator apply for an increase to the MAIP at any future date, a demonstration of Part II (External) MI must be conducted in addition to the Step-Rate Test. The operator must receive prior authorization from the Director in order to inject at pressures greater than the permitted MAIP during the test(s).

If you have any questions in regard to the above action, please contact Dan Jackson at 1.800.227.8917 (Ext. 6155). Results from the Part II (External) MI test, should be mailed directly to the **ATTENTION: DAN JACKSON**, at the letterhead address citing **MAIL CODE: 8P-W-GW** very prominently.

Sincerely,



Sandra A. Stavnes
Director
Ground Water Program

cc: Mike Guinn
Vice President - Operations
Newfield Production Company

Maxine Natchees
Chairperson
Uintah & Ouray Business Committee
Ute Indian Tribe

Elaine Willie
Environmental Director
Ute Indian Tribe

Chester Mills
Superintendent
Bureau of Indian Affairs
Uintah & Ouray Indian Agency

Gil Hunt
Technical Services Manager
State of Utah - Natural Resources
Division of Oil, Gas, and Mining

Kirk Fleetwood
Sr. Petroleum Engineer
Bureau of Land Management
Vernal District

Mr. Nathan Wiser, 8ENF-UFO

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires January 31, 2004

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

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other Injection well		5. Lease Serial No. UTU75038
2. Name of Operator Newfield Production Company		6. If Indian, Allottee or Tribe Name.
3a. Address Route 3 Box 3630 Myton, UT 84052	3b. Phone No. (include are code) 435.646.3721	7. If Unit or CA/Agreement, Name and/or No. BLACKJACK UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2111 FNL 610 FEL SE/NE Section 4 T9S R17E		8. Well Name and No. CASTLE DRAW 8-4-9-17
		9. API Well No. 4301332077
		10. Field and Pool, or Exploratory Area Monument Butte
		11. County or Parish, State Duchesne, UT

12. CHECK APPROPRIATE BOX(ES) TO INIDICATE 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 Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Change Status, Put Well
	<input checked="" type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	on Injection

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 recomple 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 recomple 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 referenced well was put on injection at 11:30 a.m. on 4/11/05.

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

I hereby certify that the foregoing is true and correct	
Name (Printed/Typed) Mandie Crozier	Title Regulatory Specialist
Signature 	Date 04/13/2005

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	

RECEIVED
APR 14 2005

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 reverse)

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU75038

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, 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:
BLACKJACK UNIT

1. TYPE OF WELL: OIL WELL GAS WELL OTHER Injection well

8. WELL NAME and NUMBER:
CASTLE DRAW 8-4-9-17

2. NAME OF OPERATOR:
Newfield Production Company

9. API NUMBER:
4301332077

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

PHONE NUMBER
435.646.3721

10. FIELD AND POOL, OR WILDCAT:
Monument Butte

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 2111 FNL 610 FEL

COUNTY: Duchesne

OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SE/NE, 4, T9S, R17E

STATE: Utah

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

TYPE OF ACTION SubDate

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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 09/14/2005	<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: - Step Rate Test
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

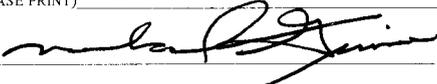
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

A step rate test was conducted on the subject well on September 7, 2005. Results from the test indicate that the fracture gradient is .796 psi/ft. Therefore, Newfield is requesting that the maximum allowable injection pressure (MAIP) be changed to 1535 psi.

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

NAME (PLEASE PRINT) Mike Guinn

TITLE Engineer

SIGNATURE 

DATE 09/14/2005

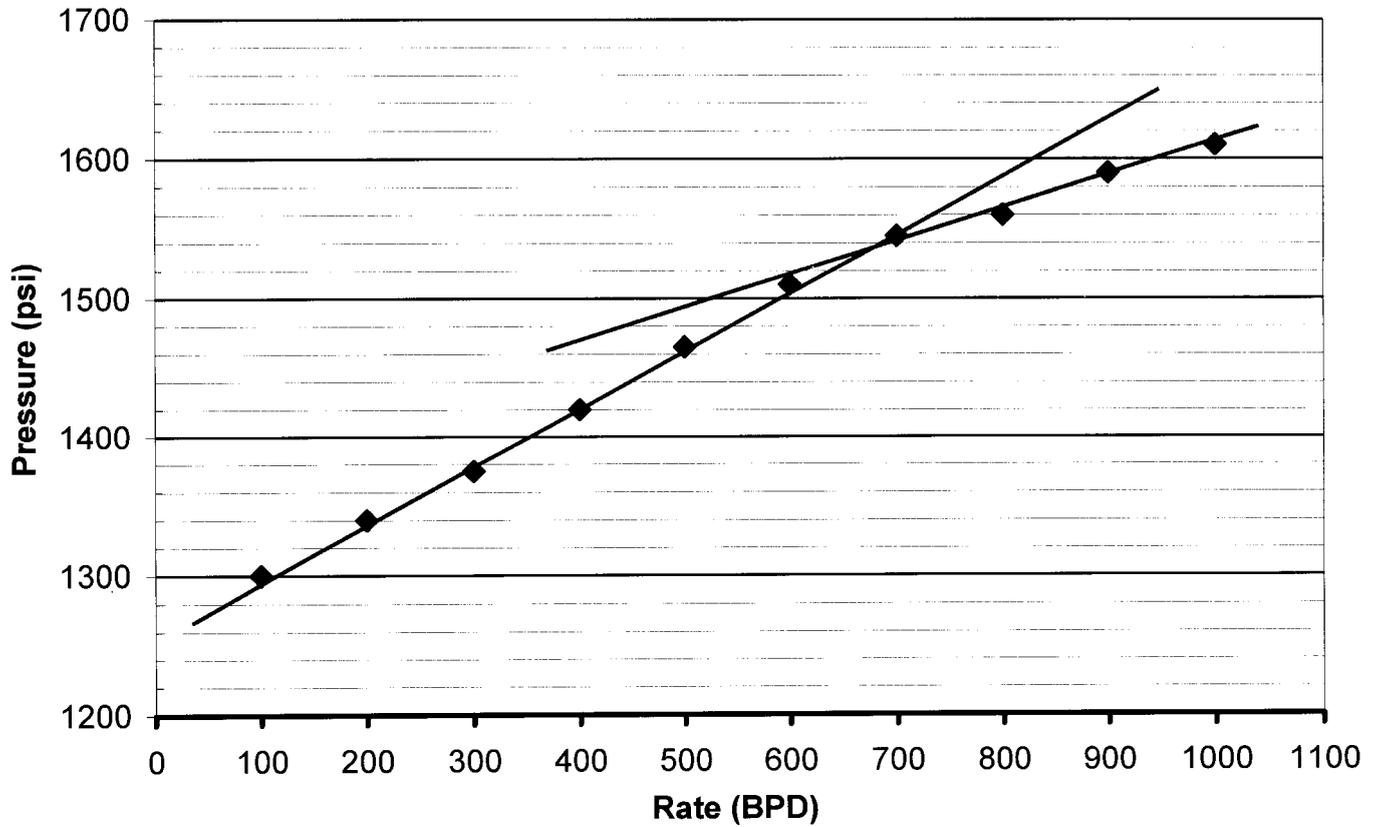
(This space for State use only)

RECEIVED

SEP 20 2005

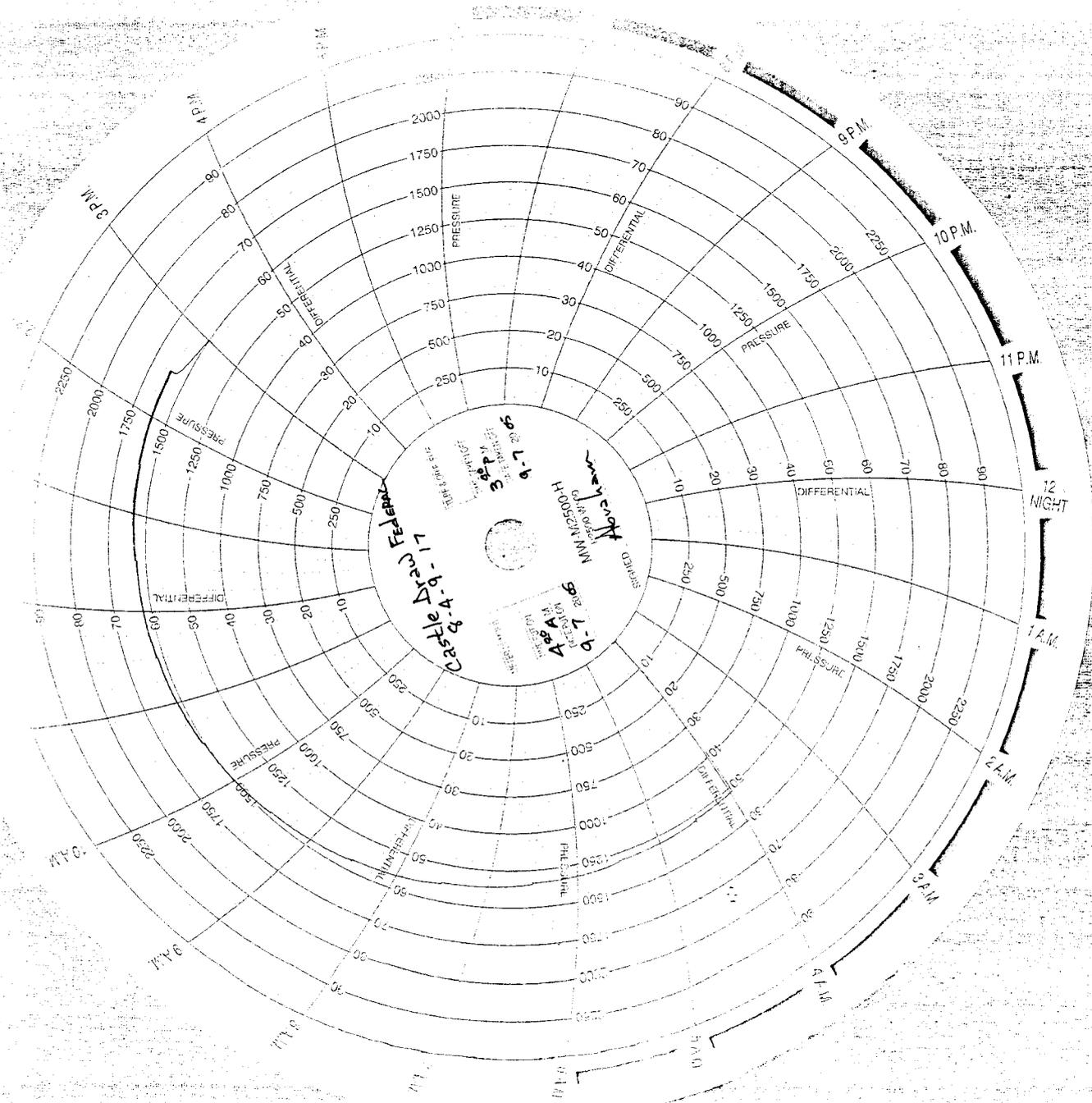
DIV. OF OIL, GAS & MINING

**Castle Draw Federal 8-4-9-17
Blackjack Unit
Step Rate Test
September 7, 2005**



Start Pressure: 1270 psi
Instantaneous Shut In Pressure (ISIP): 1575 psi
Top Perforation: 4250 feet
Fracture pressure (Pfp): 1535 psi
FG: 0.796 psi/ft

<u>Step</u>	<u>Rate(bpd)</u>	<u>Pressure(psi)</u>
1	100	1300
2	200	1340
3	300	1375
4	400	1420
5	500	1465
6	600	1510
7	700	1545
8	800	1560
9	900	1590
10	1000	1610





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
999 18TH STREET - SUITE 200
DENVER, CO 80202-2466
<http://www.epa.gov/region08>

NOV 17 2005

Ref: 8P-W-GW

RECEIVED

NOV 23 2005

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

DIV. OF OIL, GAS & MINING

Mr. Mike Guinn
Vice President - Operations
Newfield Production Company
Route 3 - Box 3630
Myton, UT 84052

Accepted by the
Utah Division of
Oil, Gas and Mining

FOR RECORD ONLY

95 17E Sec. 4

43-013-32077

RE: AUTHORIZATION TO CONTINUE INJECTION
Castle Draw No. 8-4-9-17
EPA Well Permit ID: UT20916-04630
Duchesne County, Utah

Dear Mr. Guinn:

Thank you for submitting to the Region 8 Ground Water Program office of the Environmental Protection Agency (EPA) the results from the October 7, 2005 Radioactive Tracer Survey (RATS) used to demonstrate Part II (External) Mechanical Integrity (MI) in the Castle Draw No. 8-4-9-17 Class II injection well. The result of the RATS was reviewed and approved on October 17, 2005, and the EPA has determined that the test adequately demonstrated Part II MI; that injected fluids will remain in the authorized injection interval at or below the Maximum Allowable Injection Pressure (MAIP) of 1535 psig.

The EPA hereby authorizes continued injection into the Castle Draw No. 8-4-9-17 under the terms and conditions of EPA Well Permit No. UT20916-04630 at an **MAIP of 1535 psig**.

You may apply for a higher maximum allowable injection pressure at a later date. Your application should be accompanied by the interpreted results from a Step-Rate test (SRT) that measures the formation fracture pressure and the fracture gradient at this location. A current copy of EPA Guidelines for running and interpreting a SRT will be sent upon request. Should the SRT result in approval of a higher maximum allowable injection pressure, a new Part II (External) Mechanical Integrity demonstration must be run to show that the injected fluids will remain in the authorized injection interval at the higher pressure. Please note, that to use a pressure greater than the MAIP of 1535 psig during a Step-Rate Test and Radioactive Tracer Survey, you must first receive prior written authorization from the Director.

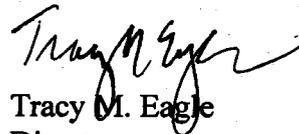


As of this approval, responsibility for Permit compliance and enforcement is transferred to the Region VIII UIC Technical Enforcement Program office. Therefore, please direct all future notification, reporting, monitoring and compliance correspondence to the following address, referencing your well name and UIC Permit number on all correspondence regarding this well:

Mr. Nathan Wiser
Technical Enforcement Program - UIC
U.S. EPA Region VIII: Mail Code 8ENF-UFO
999 - 18th Street - Suite 200
Denver, CO 80202-2466.

Please be reminded that it is your responsibility to be aware of and to comply with all conditions of your Permit. If you have any questions regarding this approval, please call Dan Jackson, of my staff, at (800) 227-8917 (X6155). For questions regarding notification, testing, monitoring, reporting or other Permit requirements, Nathan Wiser of the UIC Technical Enforcement Program may be reached by calling (800) 227-8917 (X6211).

Sincerely,



Tracy M. Eagle
Director
Ground Water Program

cc: Maxine Natchees
Chairperson
Uintah & Ouray Business Committee
Ute Indian Tribe
Fort Duchesne, UT

Elaine Willie
Environmental Director
Ute Indian Tribe
Fort Duchesne, UT

Chester Mills
Superintendent
Bureau of Indian Affairs
Uintah & Ouray Indian Agency
Fort Duchesne, UT

David Gerbig
Operations Engineer
Newfield Production Company
Denver, CO

Gil Hunt
Technical Services Manager
State of Utah Natural Resources
Division of Oil, Gas, and Mining
Salt Lake City, UT

Matt Baker
Petroleum Engineer
Bureau of Land Management
Vernal District
Vernal, UT

Nathan Wiser
8ENF-UFO

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

5. LEASE DESIGNATION AND SERIAL NUMBER:
USA UTU-75038

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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

7. UNIT or CA AGREEMENT NAME:
GMBU

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
CASTLE DRAW 8-4-9-17

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301332077

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

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 2111 FNL 610 FEL
OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE, 4, T9S, R17E

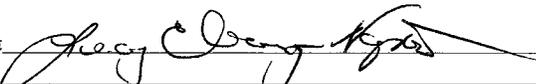
COUNTY: DUCHESNE
STATE: UT

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: 02/16/2010	<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: - Five Year MIT
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
On 01-19-10 Nathan Wisner with the EPA was contacted concerning the 5 year MIT on the above listed well. Permission was given at that time to perform the test on 02-08-10. On 02-16-10 the casing was pressured up to 1250 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tubing pressure was 1465 psig during the test. There was not an EPA representative available to witness the test.
EPA# UT20916-04630 API# 43-013-32077

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

NAME (PLEASE PRINT) Lucy Chavez-Naupoto TITLE Administrative Assistant
SIGNATURE  DATE 02/17/2010

(This space for State use only)

RECEIVED
FEB 22 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: 2/16/10
 Test conducted by: David Richens
 Others present: _____

Well Name: <u>Castle Draw Federal</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>8-4-9-17</u> Sec: <u>4</u> T <u>9</u> N <u>10</u> R <u>17</u> W	County: <u>Duchesne</u>	State: <u>Ut.</u>
Operator: _____		
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: 20 bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1465</u> psig	psig	psig
End of test pressure	<u>1465</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1250</u> psig	psig	psig
5 minutes	<u>1250</u> psig	psig	psig
10 minutes	<u>1250</u> psig	psig	psig
15 minutes	<u>1250</u> psig	psig	psig
20 minutes	<u>1250</u> psig	psig	psig
25 minutes	<u>1250</u> psig	psig	psig
30 minutes	<u>1250</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: _____

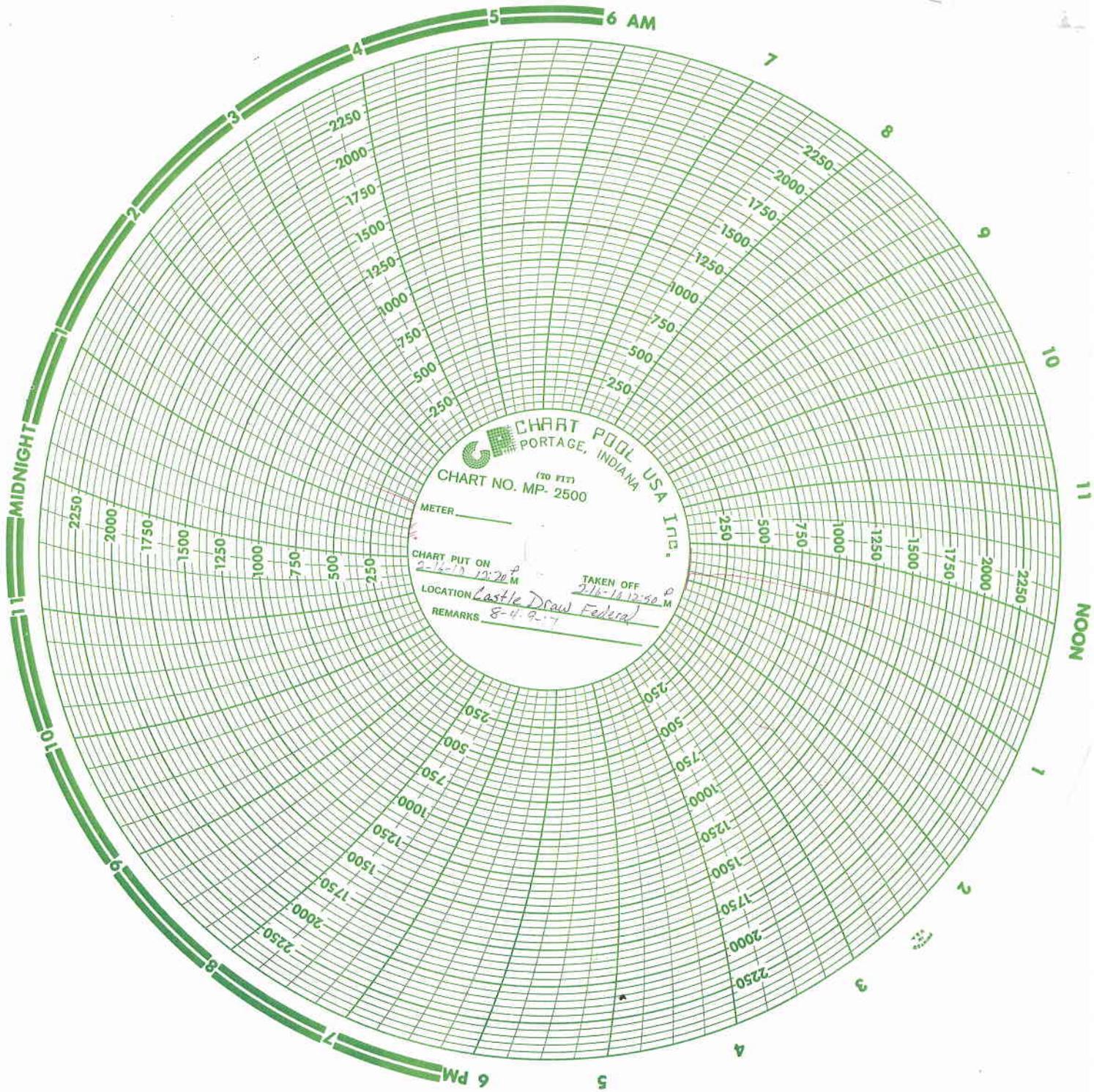


CHART POOL USA INC.
PORTAGE, INDIANA
CHART NO. MP-2500
(70 FT)

METER _____

CHART PUT ON 2-16-13 11:20 AM

LOCATION Castle Draw Federal

REMARKS 8-4-9-7

TAKEN OFF 2-16-13 12:50 PM

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-75038
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well		8. WELL NAME and NUMBER: CASTLE DRAW 8-4-9-17
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013320770000
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: 2111 FNL 0610 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SENE Section: 04 Township: 09.0S Range: 17.0E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/14/2015 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
		<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input 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 01/14/2015 the casing was pressured up to 1015 psig and charted for 30 minutes with no pressure loss. The well was injecting during the test. The tbq pressure was 1440 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-04630		Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY January 20, 2015
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A		DATE 1/15/2015

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: 1 / 14 / 15
 Test conducted by: Kane Stevenson
 Others present: _____

Well Name: <u>Castle Draw</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>8</u> Sec: <u>4</u> T: <u>9</u> N/S R: <u>17</u> E/W	County: <u>Duchesne</u>	State: <u>UT</u>
Operator: <u>Newfield Exploration</u>		
Last MIT: <u>/ /</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: 15 bpd

Pre-test casing/tubing annulus pressure: CSG-0 TRG 1440 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
TUBING PRESSURE			
Initial Pressure	<u>1440</u> psig	psig	psig
End of test pressure	<u>1440</u> psig	psig	psig
CASING / TUBING ANNULUS PRESSURE			
0 minutes	<u>1005</u> psig	psig	psig
5 minutes	<u>1006</u> psig	psig	psig
10 minutes	<u>1008</u> psig	psig	psig
15 minutes	<u>1010</u> psig	psig	psig
20 minutes	<u>1012</u> psig	psig	psig
25 minutes	<u>1013</u> psig	psig	psig
30 minutes	<u>1015</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

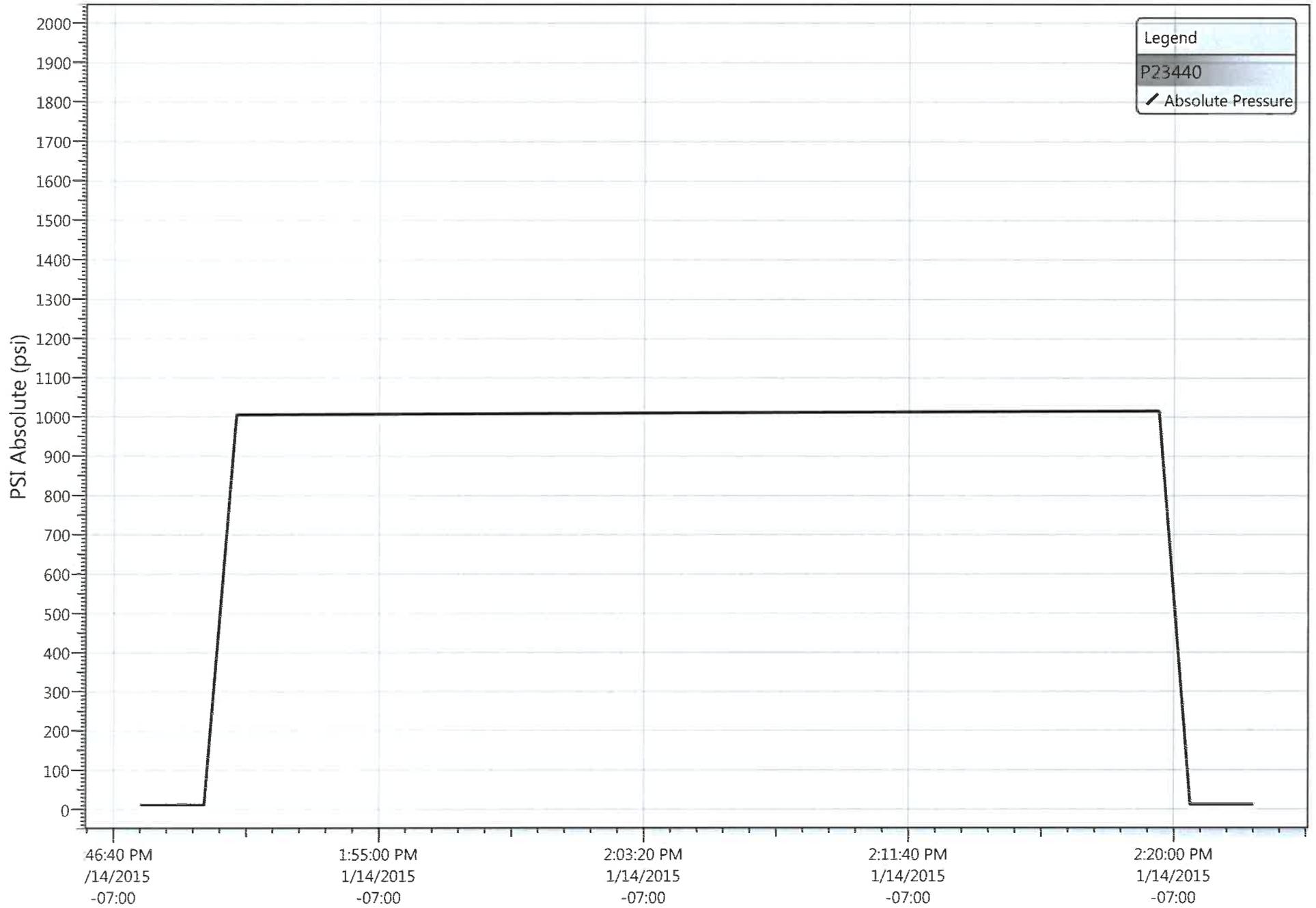
MECHANICAL INTEGRITY PRESSURE TEST

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: _____

Castle Draw 8-4-9-17 9 (5 Year MIT) 1/14/2015

1/14/2015 1:47:02 PM



Castle Draw 8-4-9-17

Spud Date: 9/8/98
 Put on Production: 10/10/98
 GL: 5116' KB; 5126'

Initial Production: 47 BOPD;
 67 MCFD; 9 BWPD

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (290')
 DEPTH LANDED: 300' GL
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sxs Premium cmt. est 7 bbls to surf

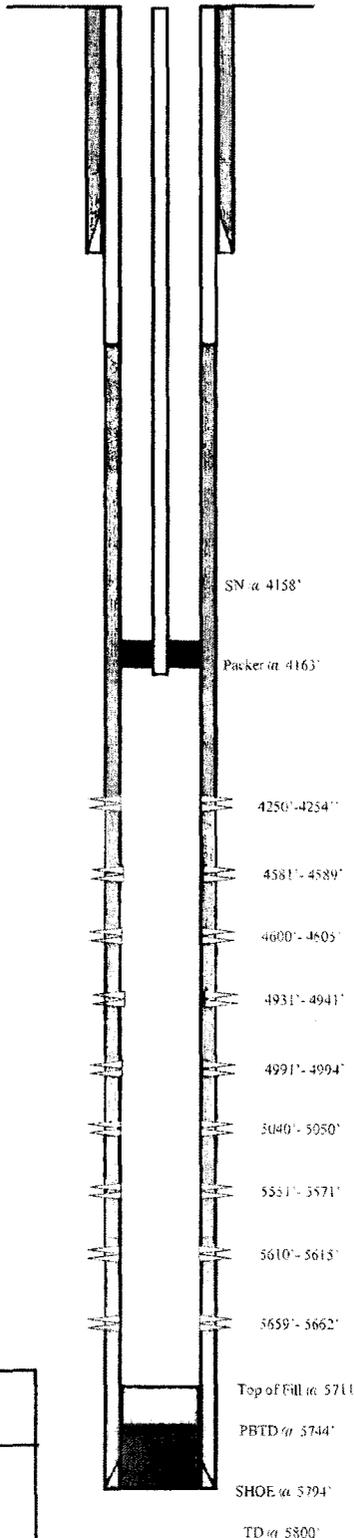
PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 134 jts (5755')
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 240 sxs modified mixed & 275 sxs class G
 CEMENT TOP AT: ?
 SET AT: 5794'

TUBING

SIZE GRADE WT: 2-7/8" N-80 6.5#
 NO. OF JOINTS: 132 jts (4148.46')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4155.46 KB
 TUBING PACKER: 4162.76' KB
 TOTAL STRING LENGTH: EOT @ 4156.36' KB

Injection Diagram



FRAC JOB

<p>10/1/98 5551'-5662' 10/2/98 4931'-5050' 10/6/98 4581'-4605' 4/24/02 10/30/02 12/13/02 7/16/04 2/21/05 02/16/10</p>	<p>Frac CP sands as follows: RUBJ Services & frac CP sds w 103,769# 20-40 sd in 539 bbls Viking 1-25 fluid. Perfs broke dn @ 3960 psi. Treated @ ave press of 1630 psi w ave rate of 29.9 BPM. ISIP: 1800 psi.</p> <p>Frac B sands as follows: RUBJ Services & frac B sds w 120,503# 20-40 sd in 586 bbls Viking 1-25 fluid. Perfs broke back @ 2500 psi @ 16 BPM Treated @ ave press of 1700 psi w ave rate of 29.7 BPM. ISIP: 2400 psi.</p> <p>Frac YDC sands as follows: RUBJ Services & frac YDC sds w 96,155# 20-40 sd in 494 bbls Viking 1-25 fluid. Perfs broke dn @ 1992 psi. Treated @ ave press of 2600 psi w ave rate of 29.7 BPM. ISIP: 3000 psi.</p> <p>Rod job. Update rod and tubing details. Rod job. Update rod details Tubing Leak: Update rod and tubing details. Parted Rods. Update rod details Injection Conversion S YR MIT</p>
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PERFORATION RECORD

9/30/98	5551'-5571'	4 JSPP	80 holes
9/30/98	5610'-5615'	4 JSPP	20 holes
9/30/98	5659'-5662'	4 JSPP	12 holes
10/2/98	4931'-4941'	4 JSPP	40 holes
10/2/98	4991'-4994'	4 JSPP	12 holes
10/2/98	5040'-5050'	4 JSPP	40 holes
10/5/98	4581'-4589'	4 JSPP	32 holes
10/5/98	4600'-4605'	4 JSPP	20 holes
2/17/05	4250'-4254'	4 JSPP	16 holes

NEWFIELD

Castle Draw #8-4-9-17
 2111 FNL & 610 FEL
 SENE Section 4-T9S-R17E
 Duchesne Co, Utah
 API #43-013-32077; Lease #U-75038