



January 3, 2000

United States Department of Interior  
Bureau of Land Management  
Vernal District Office  
ATTN: Margie Herrmann  
170 South 500 East  
Vernal, Utah 84078-2799

RE: South Wells Draw 11-3-9-16  
NESW Section 3, T9S, R16E  
Duchesne, Utah

Dear Ms. Herrmann:

Enclosed please find the Application for Permit to Drill the South Wells Draw 11-3-9-16 well, submitted in triplicate, for your review and approval.

If you have any questions or require any additional information, please contact me or Jon Holst at (303) 893-0102.

Sincerely,

Anita L. Shipman  
Operations Secretary

Enc: Form 3160-3 (3 copies)

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

RECEIVED

JAN 07 2000

DIVISION OF OIL, GAS & MINING

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

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

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

5. LEASE DESIGNATION AND SERIAL NO.  
**U-77338**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**N/A**

7. UNIT AGREEMENT NAME  
**N/A**

8. FARM OR LEASE NAME  
**South Wells Draw**

9. WELL NO.  
**11-3-9-16**

10. FIELD AND POOL OR WILDCAT  
**Monument Butte**

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
**Section 3, T9S, R16E**

12. County  
**Duchesne**

13. STATE  
**UT**

2. NAME OF OPERATOR  
**Inland Production Company**

3. ADDRESS OF OPERATOR  
**410 - 17th Street, Suite 700, Denver, CO 80202 Phone: (303) 893-0102**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
 At Surface **NESW**  
 At proposed Prod. Zone **2008' FWL & 2028.2' FSL**  
**4434388 N**  
**576168 E**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**Approximately 13 miles from Myton, Utah**

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) <b>632' FEL</b>	16. NO. OF ACRES IN LEASE <b>80</b>	17. NO. OF ACRES ASSIGNED TO THIS WELL <b>40</b>
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. <b>approximately 1320'</b>	19. PROPOSED DEPTH <b>6500'</b>	20. ROTARY OR CABLE TOOLS <b>Rotary</b>

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**5618' GR**

22. APPROX. DATE WORK WILL START\*  
**1st Quarter 2000**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
<b>Refer to Monument Butte Field SOP's Drilling Program/Casing Design</b>				

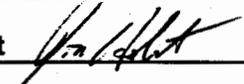
Inland Production Company proposes to drill this well in accordance with the attached exhibits.

The Conditions of Approval are also attached.

**RECEIVED**  
**JAN 07 2000**

**DIVISION OF OIL, GAS & MINING**

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.

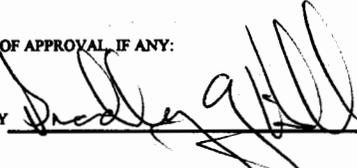
24. SIGNED **Jon Holst**  TITLE **Counsel** DATE **1/3/00**

(This space for Federal or State office use)

PERMIT NO. **43-013-32138** 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  TITLE **BRADLEY G. HILL** **RECLAMATION SPECIALIST III** DATE **1/13/00**

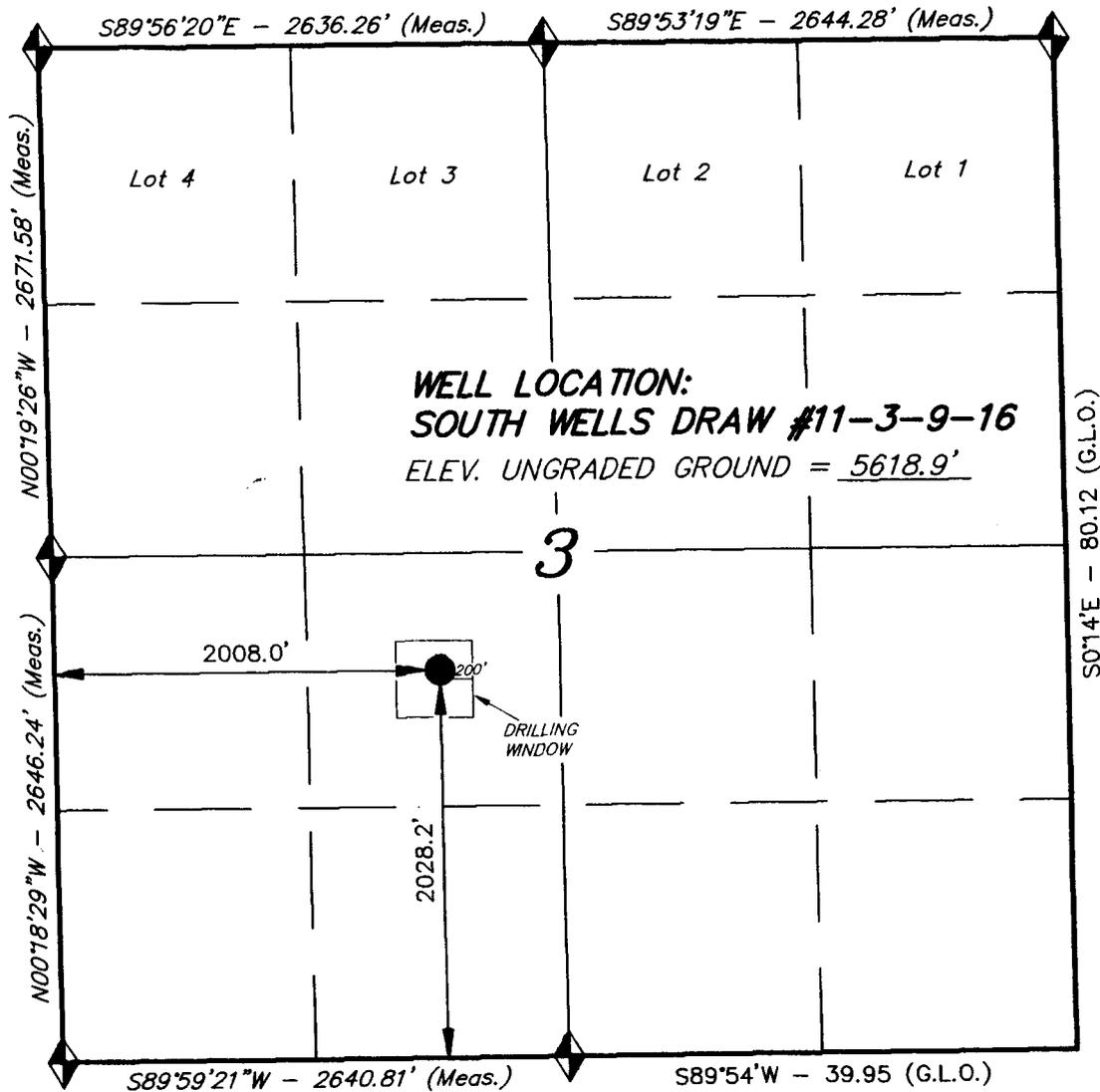
**Federal Approval of this  
Action is Necessary**

**\*See Instructions On Reverse Side**

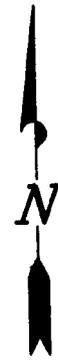
Title 18 U.S.C. Section 1004, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# T9S, R16E, S.L.B.&M.

## INLAND PRODUCTION COMPANY



WELL LOCATION, SOUTH WELLS DRAW  
 #11-3-9-16, LOCATED AS SHOWN IN THE  
 NE 1/4 SW 1/4 OF SECTION 3, T9S, R16E,  
 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.

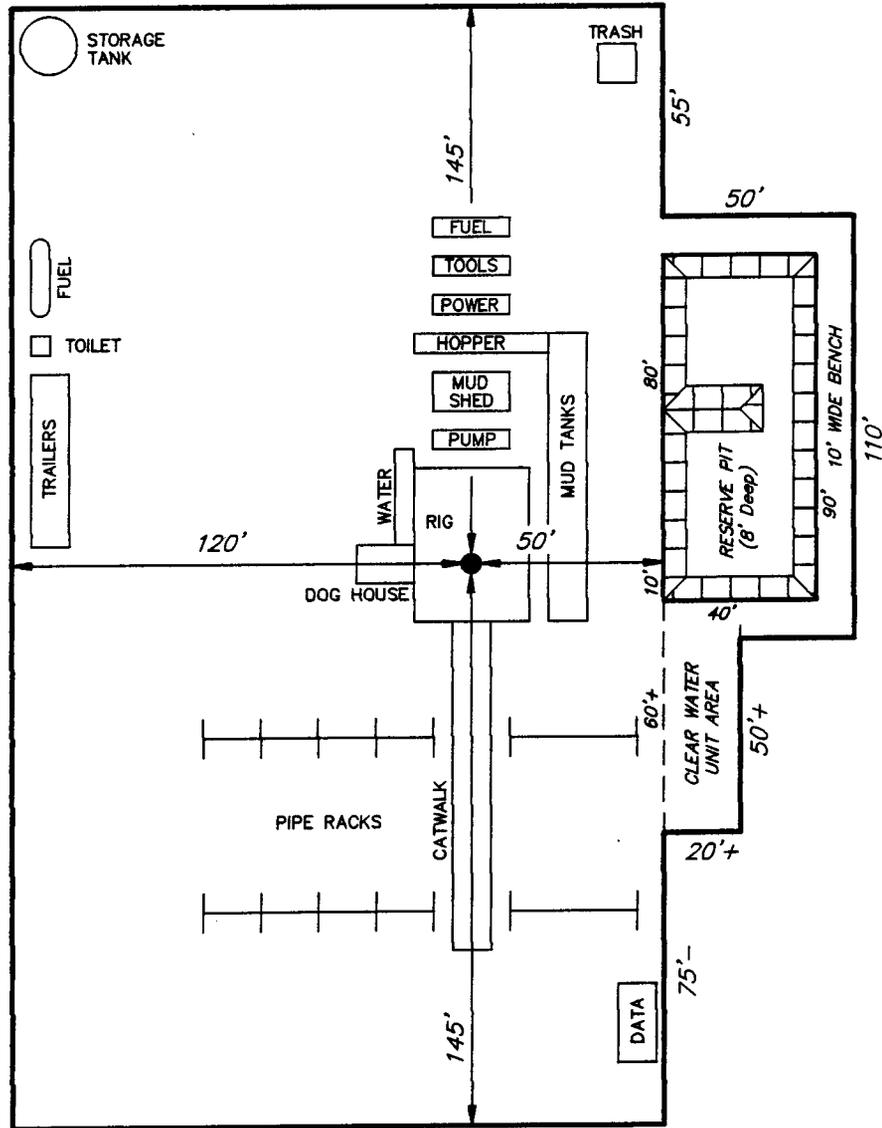
*Gene Stewart*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION No. 144102  
 STATE OF UTAH

◆ = SECTION CORNERS LOCATED  
 BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)  
 BASIS OF BEARINGS IS A GLOBAL POSITIONING SATELLITE OBSERVATION

<b>TRI STATE LAND SURVEYING &amp; CONSULTING</b>	
38 WEST 100 NORTH - VERNAL, UTAH 84078 (801) 781-2501	
SCALE: 1" = 1000'	SURVEYED BY: G.S. D.S.
DATE: 11-8-98	WEATHER: COOL
REVISIONS:	FILE #

# TYPICAL RIG LAYOUT

## SOUTH WELLS DRAW #11-3-9-16



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

INLAND PRODUCTION COMPANY

SOUTH WELLS DRAW 11-3-9-16  
NESW SECTION 3, T9S, R16E  
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 – 1700'
Green River	1700'
Wasatch	6500'

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

Green River Formation 1700' – 6500' – Oil

4. **PROPOSED CASING PROGRAM:**

Please refer to the Monument Butte Field 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 2000 psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H<sub>2</sub>S 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

SOUTH WELLS DRAW 11-3-9-16  
NESW SECTION 3, 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 South Wells Draw 11-3-9-16 located in the NESW of Section 3, T9S, R16E:

Proceed in a westerly direction out of Myton, Utah along Highway 40 approximately 1.5 miles to the junction of this highway and Utah State Highway 53; proceed southerly along Utah State Highway 53 approximately 1.5 miles to its junction with Sand Wash Road. Continue in a southeasterly direction for approximately 4.85 miles to the BLM Fenceline dirt road. Turn right and travel southwest for approximately 3.79 miles, turn left and proceed in a southwesterly direction for approximately 1.27 miles to the proposed location.

2. **PLANNED ACCESS ROAD**

See Topographic Map "B" for the location of the proposed access road.

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 Exhibits "E" and "E-1".

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:**

The Archaeological Cultural Resource Survey is attached.

Inland Production Company requests a 60' ROW for the (WELL NAME) to allow for construction of a 6" poly gas gathering line, and a 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. Refer to Topographic Map "C".

Inland Production Company also requests a 60' ROW be granted for the South Wells Draw 11-3-9-16 to allow for construction of a 3" steel water injection line and a 3" poly water return line. Refer to Topographic Map "D".

13. **LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:**

Representative

Name: Jon Holst  
Address: 410 Seventeenth Street  
Suite 700  
Denver, CO 80202  
Telephone: (303) 893-0102

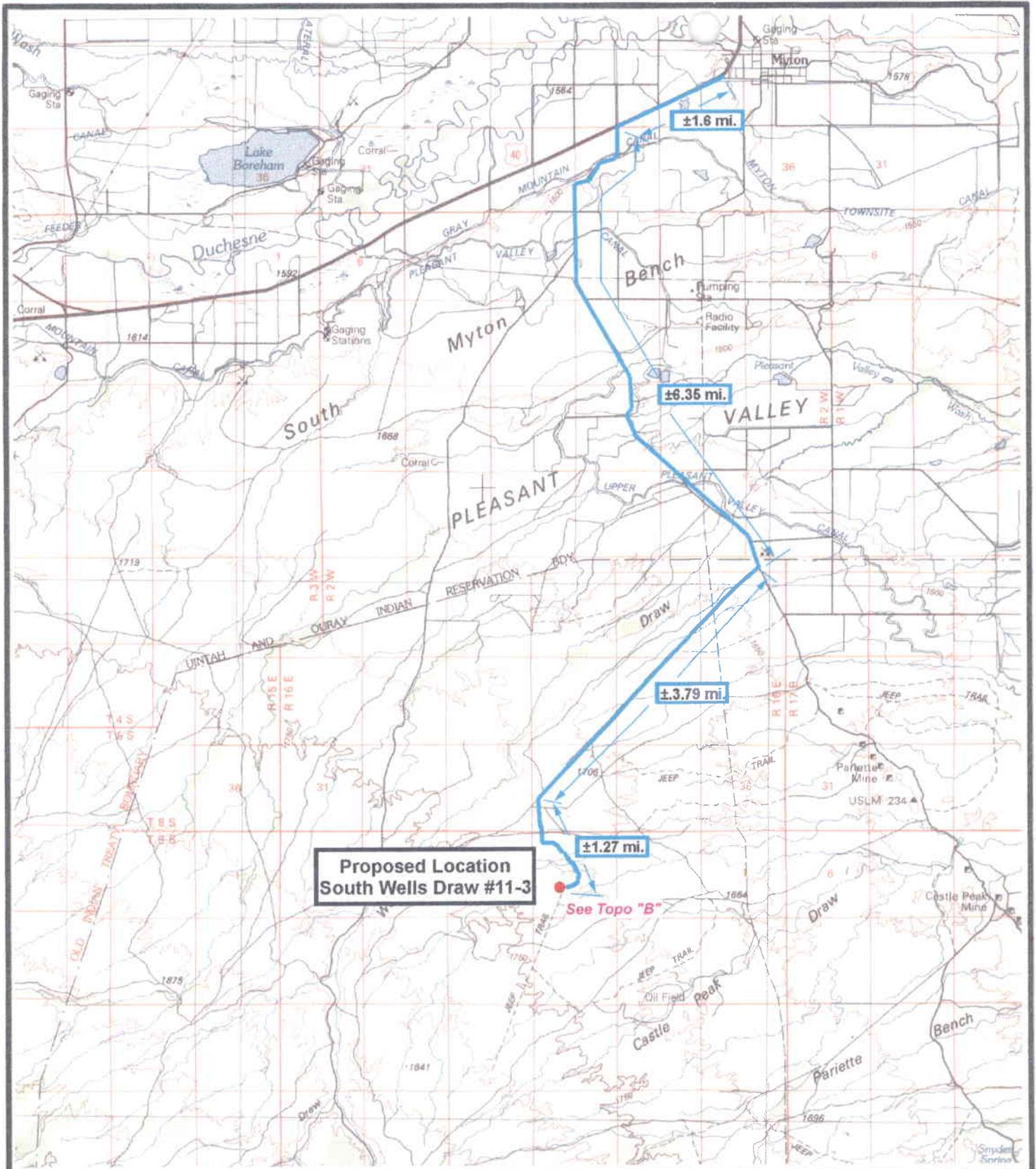
Certification

Please be advised that INLAND RESOURCES, INC. is considered to be the operator of well #11-3-9-16, NESW Section 3, T9S, R16E, Lease #U-77338, 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 drill site 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 Resources, Inc. 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 the 18 U.S.C. 1001 for the filing of a false statement.

1/03/2000  
Date

  
\_\_\_\_\_  
Jon Holst  
Counsel



**Proposed Location  
South Wells Draw #11-3**

See Topo "B"

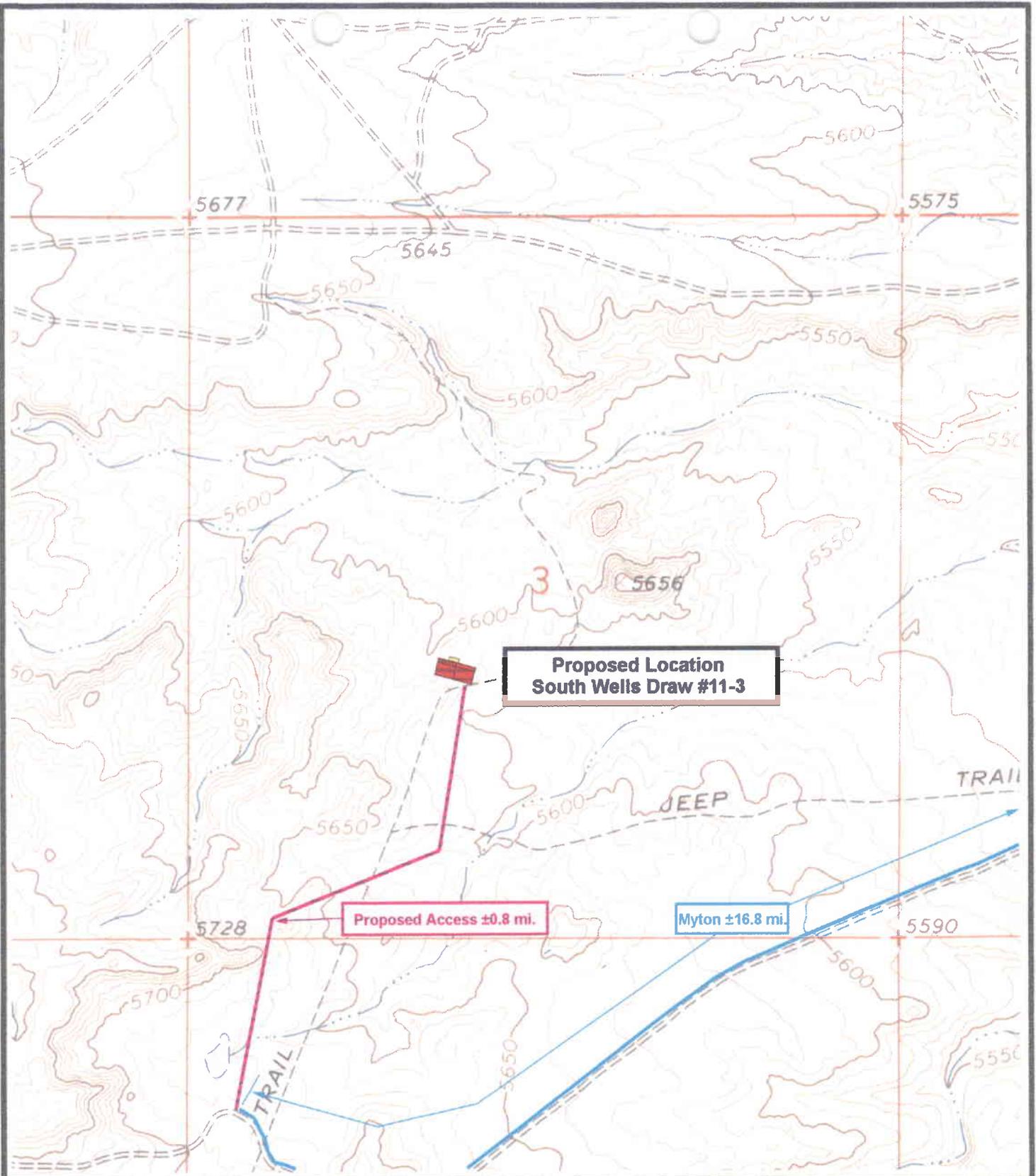


**SOUTH WELLS DRAW #11-3  
SEC. 3, T9S, R16E, S.L.B.&M.  
TOPOGRAPHIC MAP "A"**



Drawn By: ML	Revision:
Scale: 1 : 100,000	File: ILSWD11-3A
Date: 11/9/98	

**Tri-State Land Surveying Inc.  
P.O. Box 533, Vernal, UT 84078  
435-781-2501 Fax 434-781-2518**



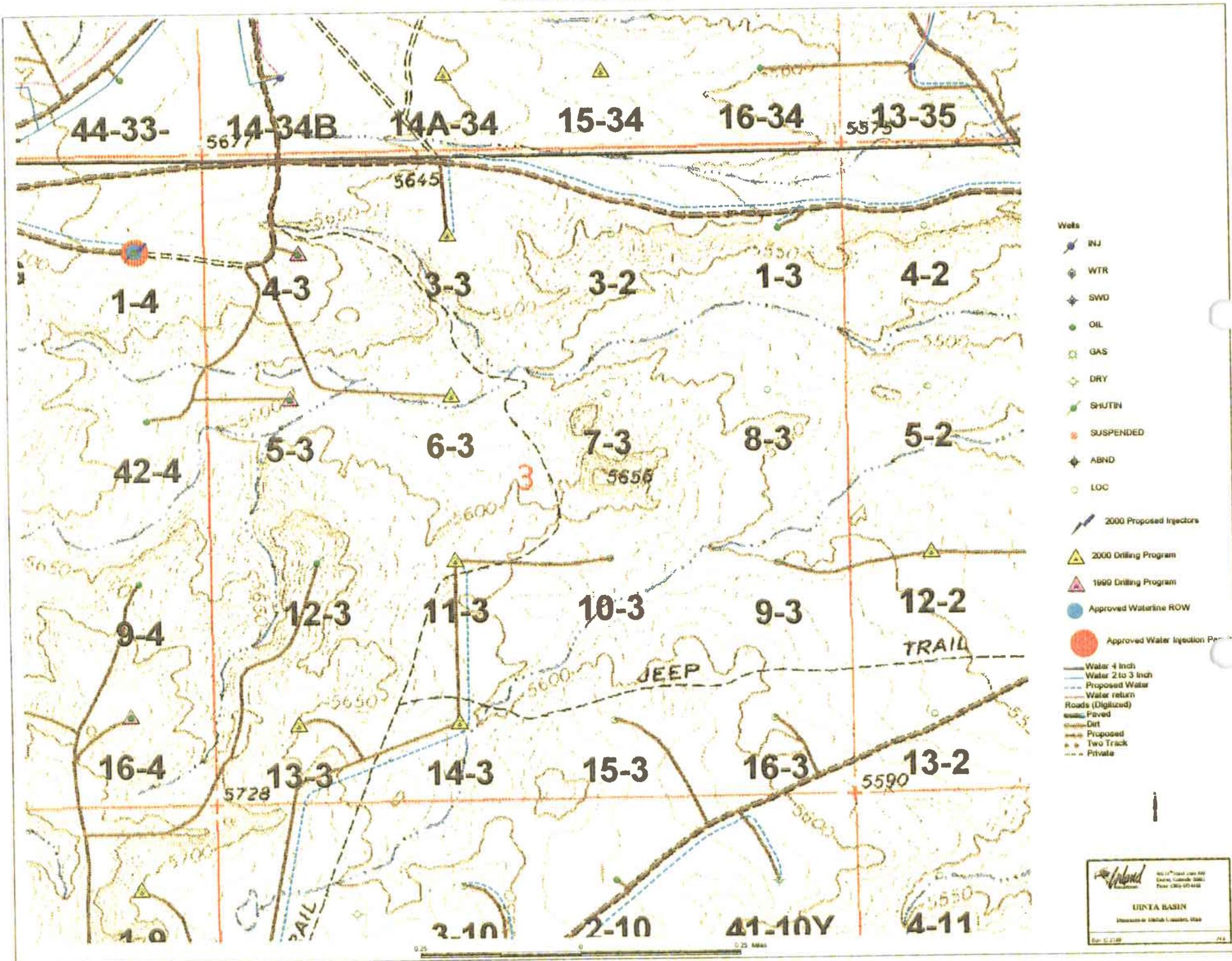
**SOUTH WELLS DRAW #11-3  
 SEC. 3, T9S, R16E, S.L.B.&M.  
 TOPOGRAPHIC MAP "B"**



Drawn By: ML	Revision:
Scale: 1" = 1000'	File: ILSWD11-3B
Date: 11/11/98	

**Tri-State Land Surveying Inc.  
 P.O. Box 533, Vernal, UT 84078  
 435-781-2501 Fax 434-781-2518**

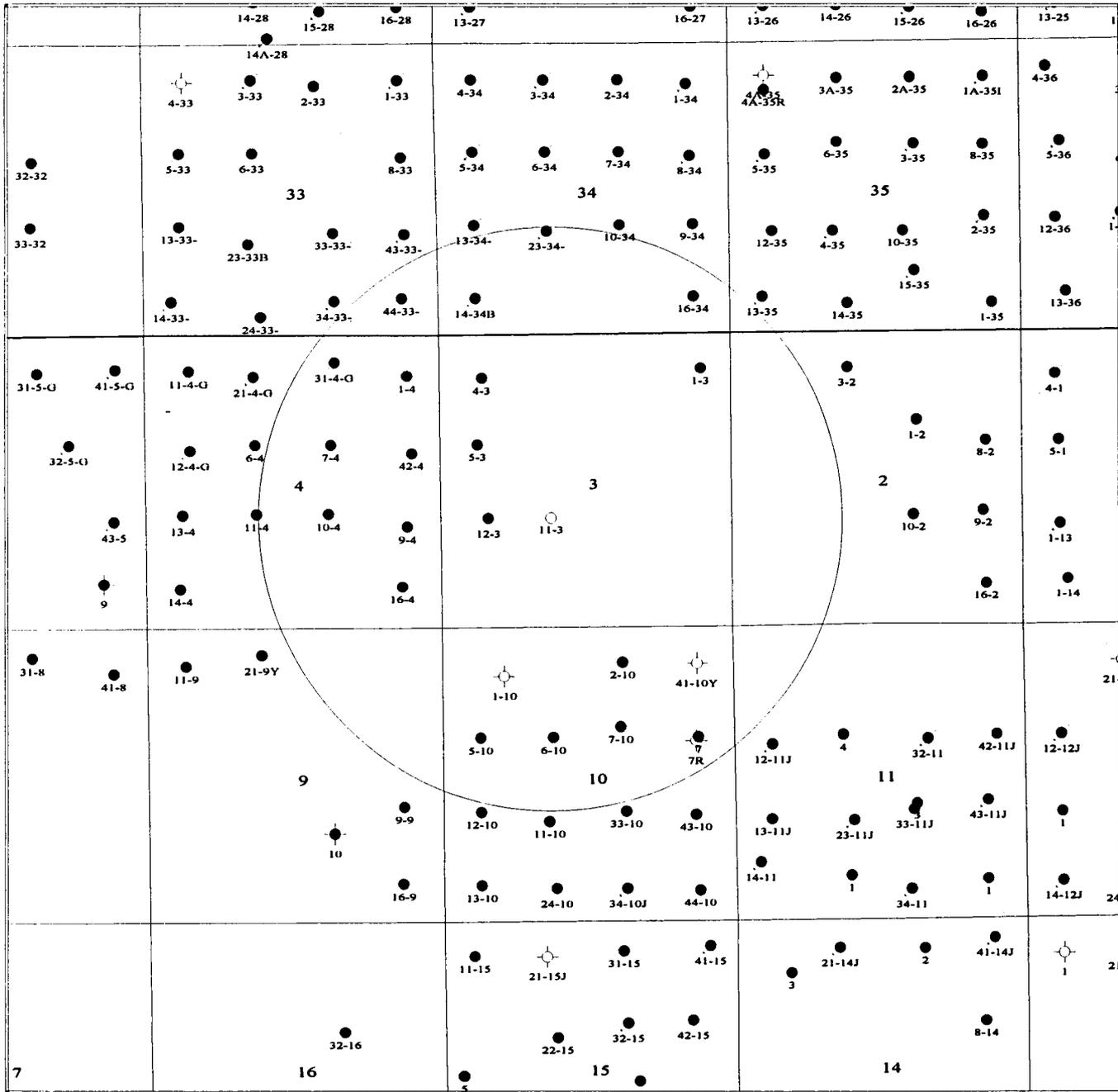




- Wells**
- INJ
  - WTR
  - SWD
  - OIL
  - GAS
  - DRY
  - SHUTIN
  - SUSPENDED
  - ABND
  - LOC
- 2000 Proposed Injectors**
- 2000 Proposed Injectors
- 2000 Drilling Program**
- 2000 Drilling Program
- 1990 Drilling Program**
- 1990 Drilling Program
- Approved Waterline ROW**
- Approved Waterline ROW
- Approved Water Injection Point**
- Approved Water Injection Point
- Water**
- Water 4 inch
  - Water 2 to 3 inch
  - Proposed Water
  - Water return
- Roads (Digitized)**
- Paved
  - Dirt
  - Proposed
  - Two Track
  - Private

**UNITA BASIN**  
 Produced by the U.S. Geological Survey  
 Open-File Report 2004-104  
 Scale 1:50,000  
 Date 08-15-04





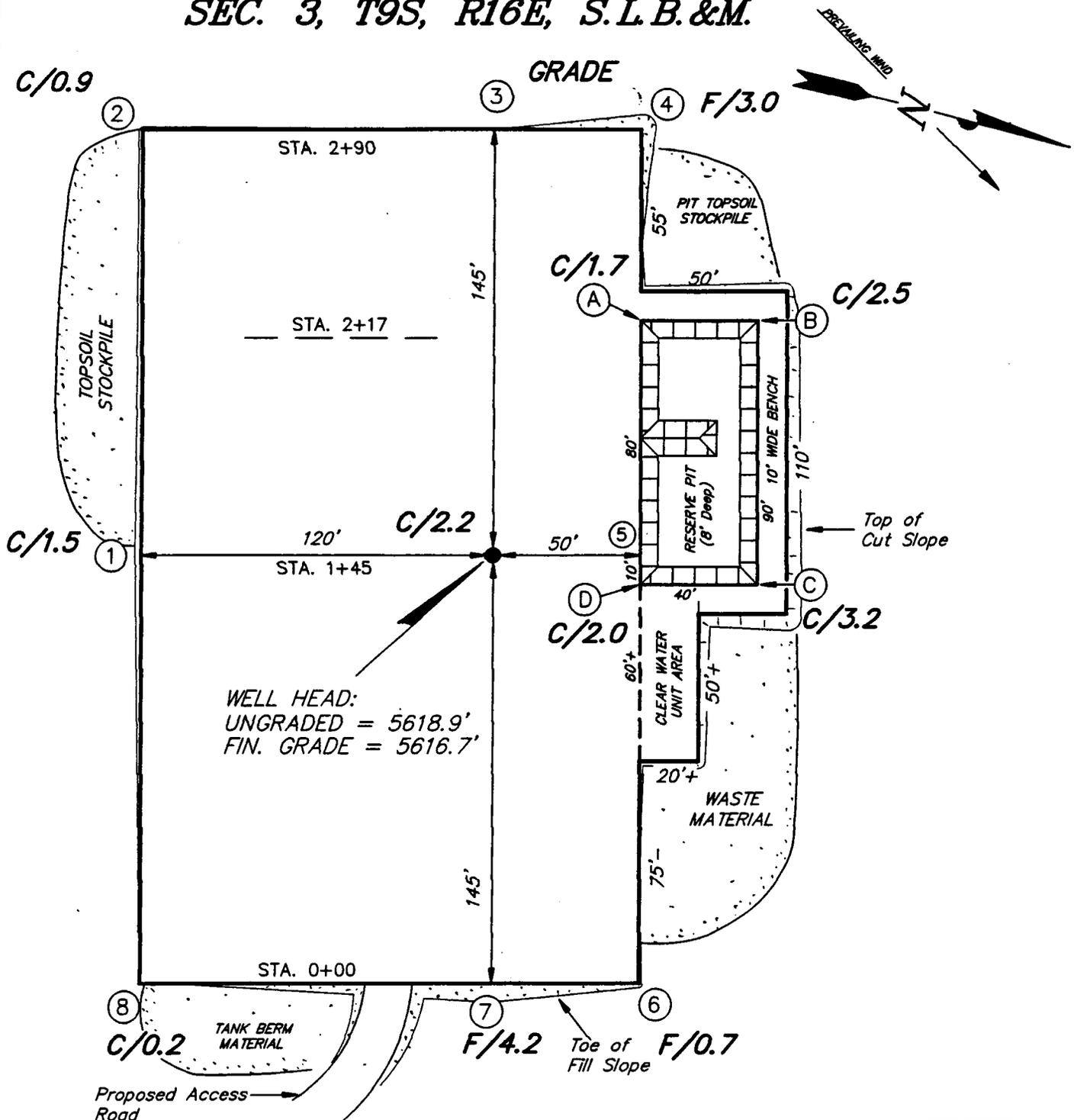
INLAND PRODUCTION COMPANY

One Mile Radius  
S. Wells Draw #11-3-9-16

Josh Auelson	12/21/99
Scale 1:34567.83	

EXHIBIT E  
**INLAND PRODUCTION COMPANY**

**SOUTH WELLS DRAW #11-3-9-16**  
**SEC. 3, T9S, R16E, S.L.B.&M.**



**REFERENCE POINTS**

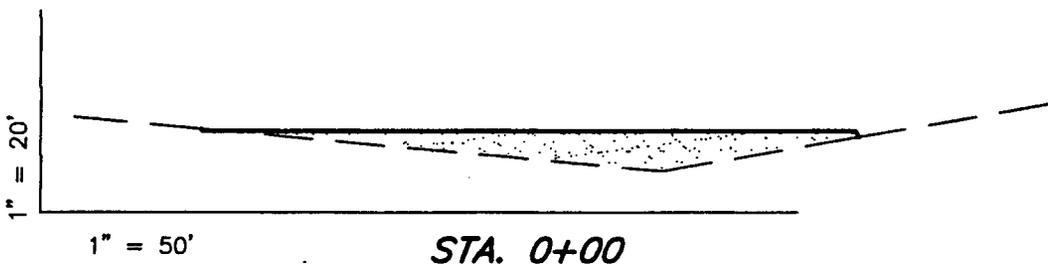
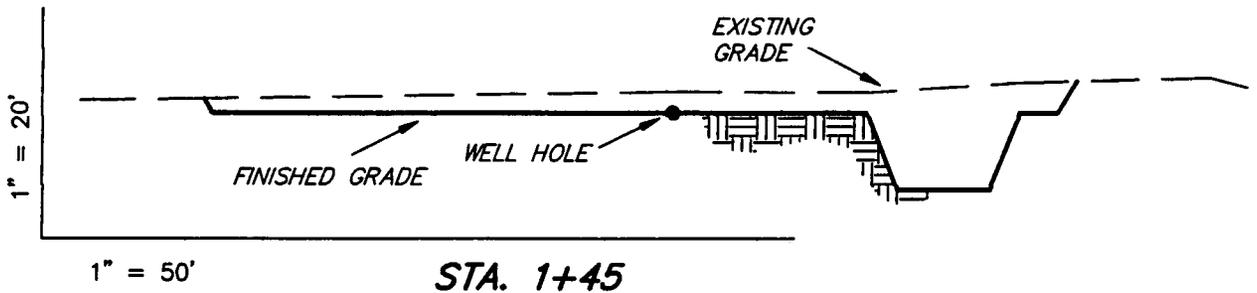
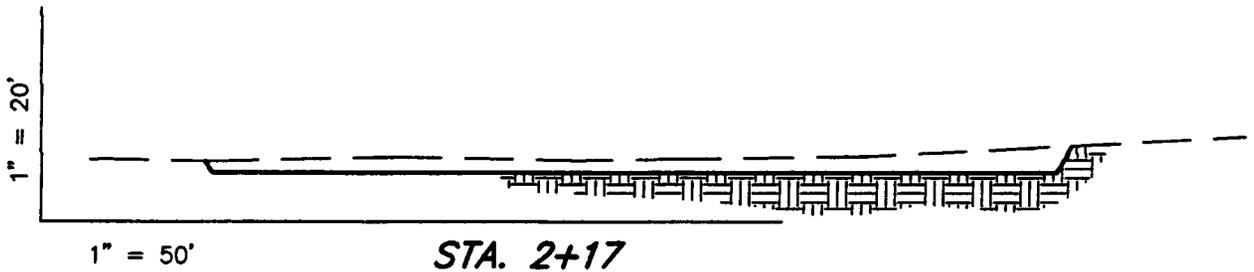
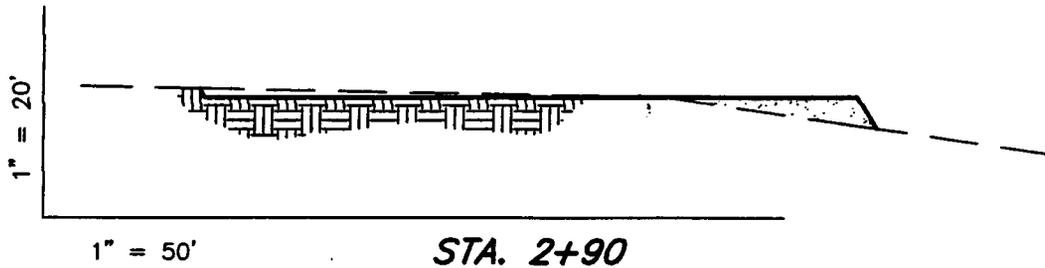
140' NORTH =	5620.4'
180' NORTH =	5616.2'
190' EAST =	5608.2'
240' EAST =	5606.8'

SURVEYED BY:	G.S.
DRAWN BY:	J.R.S.
DATE:	11-14-98
SCALE:	1" = 50'
REVISIONS:	

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

# CROSS SECTIONS

## SOUTH WELLS DRAW #11-3-9-16



### APPROXIMATE YARDAGES

- CUT = 1,160 Cu. Yds.
- FILL = 1,160 Cu. Yds.
- PIT = 920 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.: S. Wells Draw 11-3-9-16

**CONDITIONS OF APPROVAL**  
**APPLICATION FOR PERMIT TO DRILL**

Company/Operator: Inland Production Company

Well Name & Number: S. Wells Draw 11-3-9-16

Lease Number: UTU-77338

Location: NE/SW Sec 3, T9S, R16E

**GENERAL**

Access pad from South, off of the 14-3-9-16 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.

**MOUNTAIN PLOVER:** If new construction or surface disturbing activities are scheduled to occur between March 15 and August 15, detailed surveys of the area within 0.5 mile of the proposed location and within 300 feet of proposed access routes must be conducted to detect the presence of mountain plovers. All surveys must be completed prior to initiating new construction or surface disturbing activities (see Survey Protocol COAs EA Number 1996-61).

**WILDLIFE HABITAT:** If the location is to be Constructed or Drilled between 3/1/99 and 8/15/99 additional surveys for golden eagle, ferruginous hawk, burrowing owl and mountain plover will be required before development can occur.

OTHER

# CULTURAL RESOURCE EVALUATION OF VARIOUS LARGE TRACTS IN THE WELLS DRAW TO PARIETTE BENCH LOCALITY IN DUCHESNE & UINTAH COUNTIES, UTAH

Report Prepared for Inland Resources, Inc.

Department of Interior Permit No.: UT-98-54937

Utah State Project No.: UT-98-AF-0164bs

AERC Project 1598 (IPC98-4)

Author of the Report:  
F. Richard Hauck, Ph.D



## ARCHEOLOGICAL-ENVIRONMENTAL RESEARCH CORPORATION

181 North 200 West, Suite 5 -- Bountiful, Utah 84010

P.O. Box 853, Bountiful, Utah 84011

Phone: (801) 292-7061, 292-9668 FAX: (801) 292-0614

E-mail: [ari@xmission.com](mailto:ari@xmission.com) Web page: [www.ari-aerc.org](http://www.ari-aerc.org)

July 21, 1998

## **Abstract**

A series of intensive cultural resource examinations has been conducted for Inland Resources, Inc. of seven project tracts situated in the Wells Draw to Pariette Bench locality of Duchesne and Uintah Counties, Utah. These parcels include portions of Sections 12 and 7 in the Ashley Unit (T. 9 S., R. 15 & 16 E.), portions of Sections 2, 3, 4, 9, and 10 in the South Wells Draw Unit (T. 9 S., R. 16 E.), portions of Sections 35 and 36 (T. 8 S., R. 17 E.) and 2 (T. 9 S., R. 17 E.) in the Odekirk Springs Unit, and portions of Sections 15, 18, and 22 in the South Pleasant Valley Unit (T. 9 S., R. 17 E.). The purpose of this report is to detail the result of these evaluations.

A total of 3,919 acres is incorporated into this report as examined for the presence of cultural resources preparatory to the development of Inland's well pads, access roads, and pipeline corridors in these project tracts. A total of 2,950 acres (75%) within the proposed development tracts is situated on federal lands administered by the Vernal District of the Bureau of Land Management, Diamond Mountain Resource Area, Vernal, Utah. The remaining 969 acres (25%) are situated on Utah State lands administered by the Division of State School Trust Lands.

Field examinations were initially conducted in December 1997 and January 1998 and then again from mid-April through early June 1998. AERC archaeologists that participated on the project include Marcel Corbiel, Donna Daniels, Kris Kunkel, Alan Hutchinson, Stance Hurst, Christy Gobber, Richard Francisca, Tammy Gibson, Scott Edmisten, and Christopher Davies. The field survey program was conducted under the direction of Glade Hadden, and/or F.R. Hauck. This work was done under Utah project UT-98-AF-0164bs, which expires on December 31, 1998.

A total of 28 prehistoric sites (42DC 1149, 1150, 1155-1166, 1171, 1174-1177 and 42UN 2532-2538, 2552, 2566) and four isolated diagnostic artifacts (1598B/x1, 1598K/x2, 1598R/x1 & 1598R/x2) were identified and recorded during this project. Sites 42DC 1155, 1156, 1157, 1160, 1163, 1164, 1165, 1166, 1171, 1176, 1177 and 42UN 2532, 2533, 2534, 2536, and 2566 are considered non-significant cultural resources. Sites 42DC 1149, 1150, 1158, 1159, 1161, 1162, 1174, 1175 and 42UN 2535, 2537, 2538, and 2552 are considered significant cultural resource under criteria established for the documentation of National Register of Historic Places (36CFR60.6).

No previously recorded significant or National Register eligible cultural resources will be adversely affected by well location development and access/pipeline route corridor development within the acreage cleared and reported within this document with adherence to the recommendations provided in the final section of this report.

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## **GENERAL INFORMATION**

Between April 13 and June 9, 1998, a variety of AERC archaeologists including Kris Kunkel, Alan Hutchinson, Stance Hurst, Christy Gobber, Scott Edmisten, Richard Francisco, Patrick Walker, and Christopher G. Davies acting under the direction of Glade Hadden and/or F.R. Hauck, conducted intensive cultural resource evaluations of seven acreage tracts situated between the Wells Draw locality of Duchesne County on the West, and the Pariette Bench locality of Uintah County on the East, in the Uinta Basin region of eastern Utah (see Map 1). Cultural evaluations within these tracts actually began in the winter of 1997-97 as initially reported in Hauck and Hadden 1997.

These seven project tracts are actually associated with Inland Resource's **Ashley, South Wells Draw, Odekirk Springs, and South Pleasant Valley Units**. These tracts include portions of Sections 12 and 7 in the **Ashley Unit** (T. 9 S., R. 15 & 16 E.), portions of Sections 2, 3, 4, 9, and 10 in the **South Wells Draw Unit** (T. 9 S., R. 16 E.), portions of Sections 35 and 36 (T. 8 S., R. 17 E.) and 2 (T. 9 S., R. 17 E.) in the **Odekirk Springs Unit**, and portions of Sections 15, 18, and 22 in the **South Pleasant Valley Unit** (T. 9 S., R. 17 E.).

A total of 3,919 acres is incorporated into this report as examined for the presence of cultural resources preparatory to the development of Inland's well pads, access roads, and pipeline corridors in these project tracts. A total of 2950 acres (75%) within the proposed development tracts is situated on federal lands administered by the Vernal District of the Bureau of Land Management, Diamond Mountain Resource Area, Vernal, Utah. The remaining 969 acres (25%) are situated on Utah State lands administered by the Division of State School Trust Lands.

The purpose of this field study and this report is to identify and document cultural site presence and assess National Register potential significance relative to established criteria (cf. Title 36 CFR 60.6). The future oil/gas development within these various tracts requires an archaeological evaluation in compliance with U.C.A. 9-8-404, the Federal Antiquities Act of 1906, the Reservoir Salvage Act of 1960-as amended, the National Environmental Policy Act of 1969, the Federal Land Policy and Management Act of 1979, the Archaeological Resources Protection Act of 1979, the Native American Religious Freedom Act of 1978, the Historic Preservation Act of 1980, and Executive Order 11593.

In addition to documenting cultural identity and significance, mitigation recommendations relative to the preservation of cultural data and materials can be directed to the Vernal District Office of the Bureau of Land Management, and to the Utah State Antiquities Section, Division of State History.

### **Project Location**

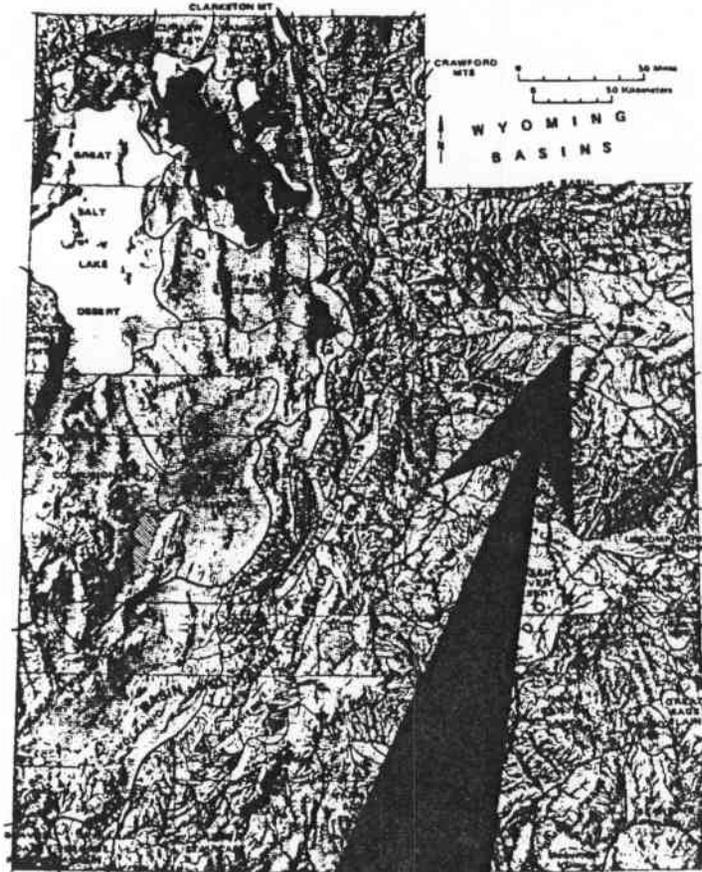
The project area extends from the Wells Draw locality of Duchesne County eastward to the Pariette Bench locality of Uintah County, Utah. The seven tracts under investigation are situated on



**MAP 1**  
**PROJECT AREA FOR THE**  
**INLAND RESOURCES 1998**  
**DEVELOPMENT PROGRAM**



**PROJECT:** IPC98-4  
**SCALE:** 1: 200,650  
**DATE:** 7/ 20/ 98



**PROJECT AREA**

**TOWNSHIP:** multiple  
**RANGE:** multiple  
**MERIDIAN:** multiple

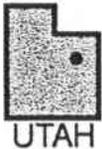
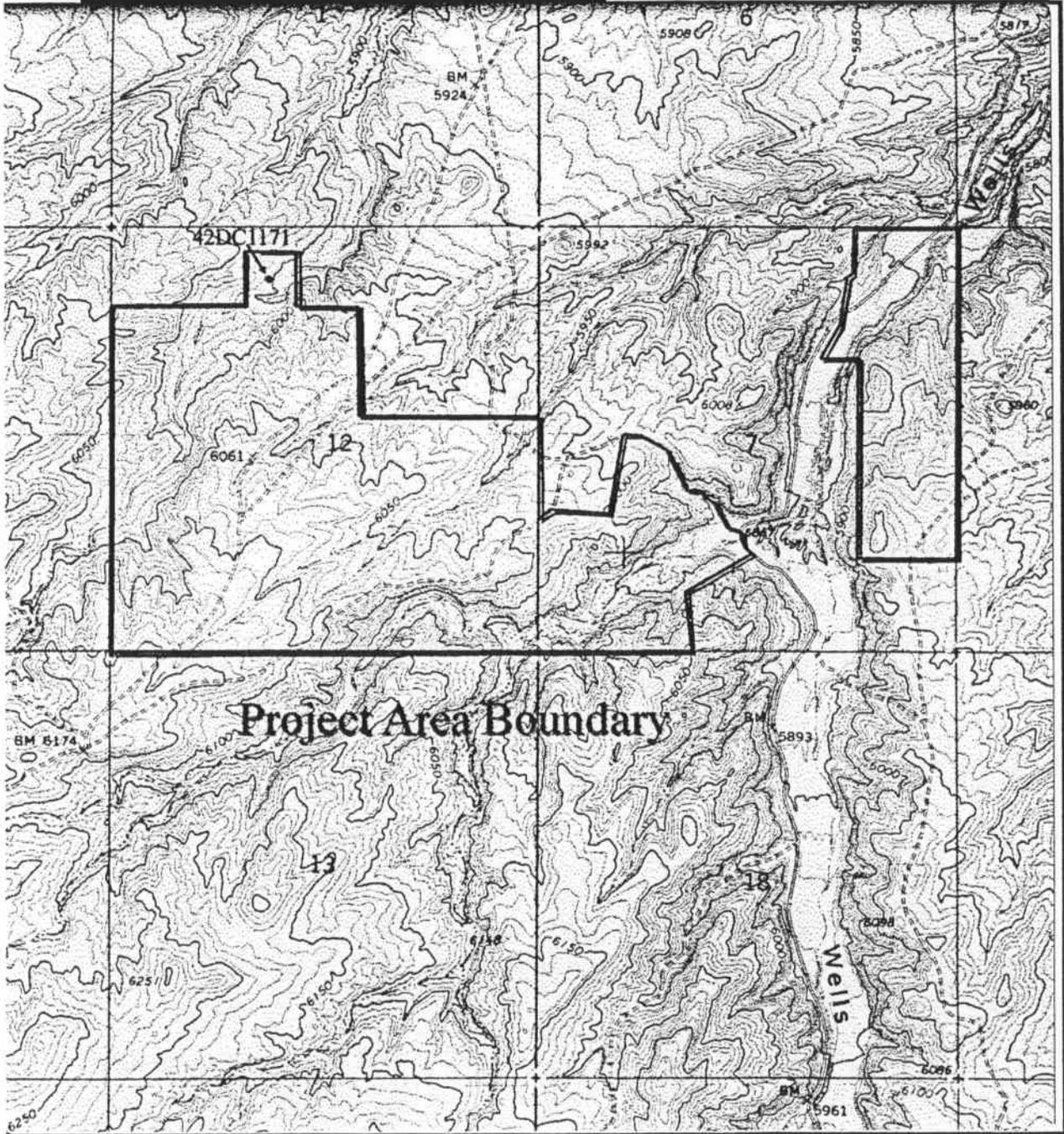
Utah Geological and Mineral Survey  
 Map 43 1977  
 Physiographic Subdivisions of Utah  
 by W.L. Stokes



**MAP: 2**  
**CULTURAL RESOURCE SURVEY**  
**OF INLAND'S ASHLEY UNIT**  
**IN THE WELLS DRAW LOCALITY**  
**OF DUCHESNE COUNTY, UTAH**



**PROJECT:** IPC98-4  
**SCALE:** 1:24,000  
**QUAD:** Myton SW  
**DATE:** July 8, 1998



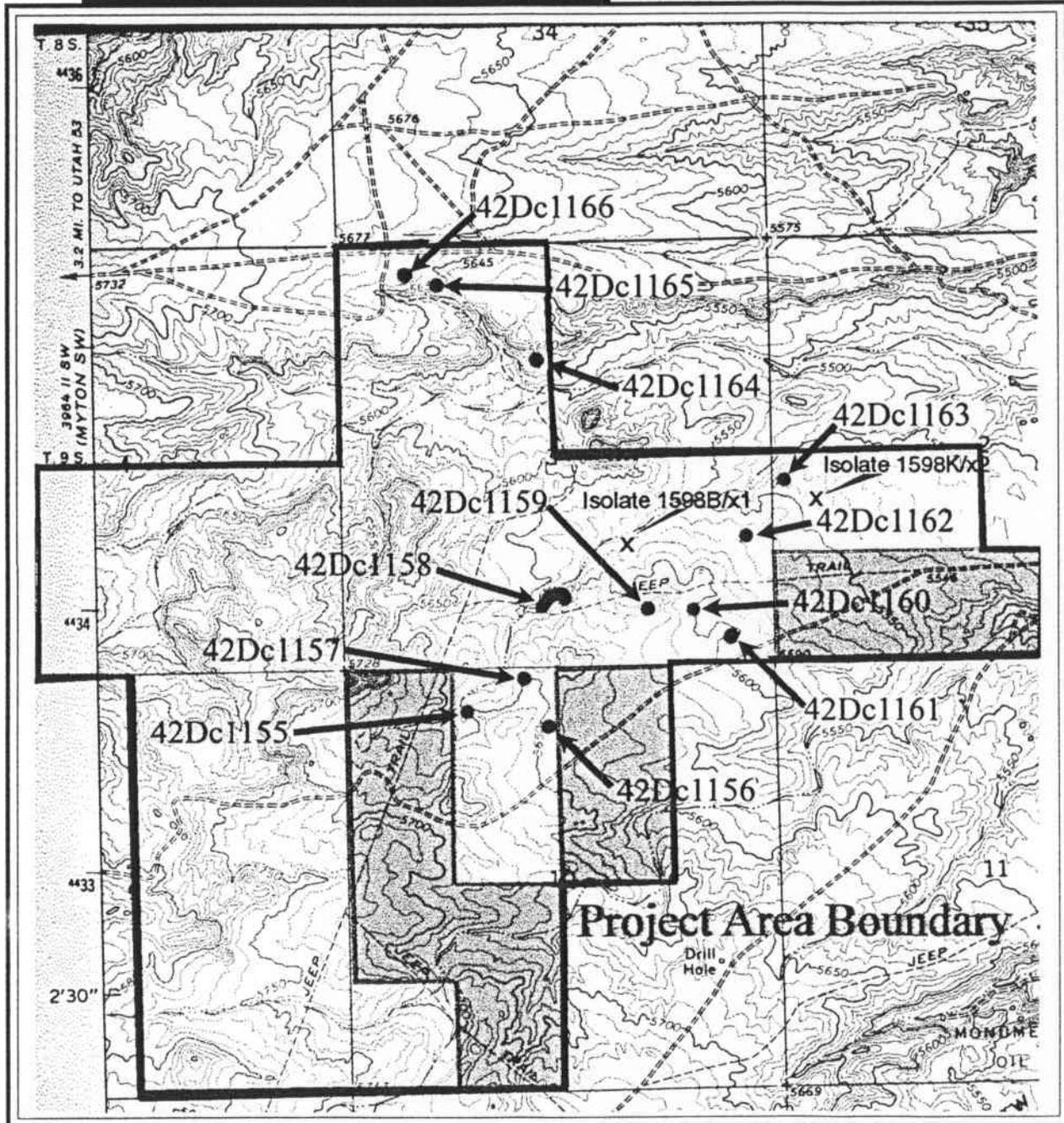
**TOWNSHIP:** 9 South  
**RANGE:** 15 and 16 East  
**MERIDIAN:** SL B. & M.

**LEGEND**

**Area Inventoried**  **CULTURAL SITE** 

**MAP: 3**  
**CULTURAL RESOURCE SURVEY**  
**OF INLAND'S SOUTH WELLS DRAW**  
**UNIT IN THE CASTLE PEAK DRAW**  
**LOCALITY OF UINTAH COUNTY, UTAH**

**PROJECT:** IPC98-4  
**SCALE:** 1:24,000  
**QUAD:** Myton SE  
**DATE:** July 3, 1998



**TOWNSHIP:** 9 South  
**RANGE:** 16 East  
**MERIDIAN:** SL B. & M.

**LEGEND**



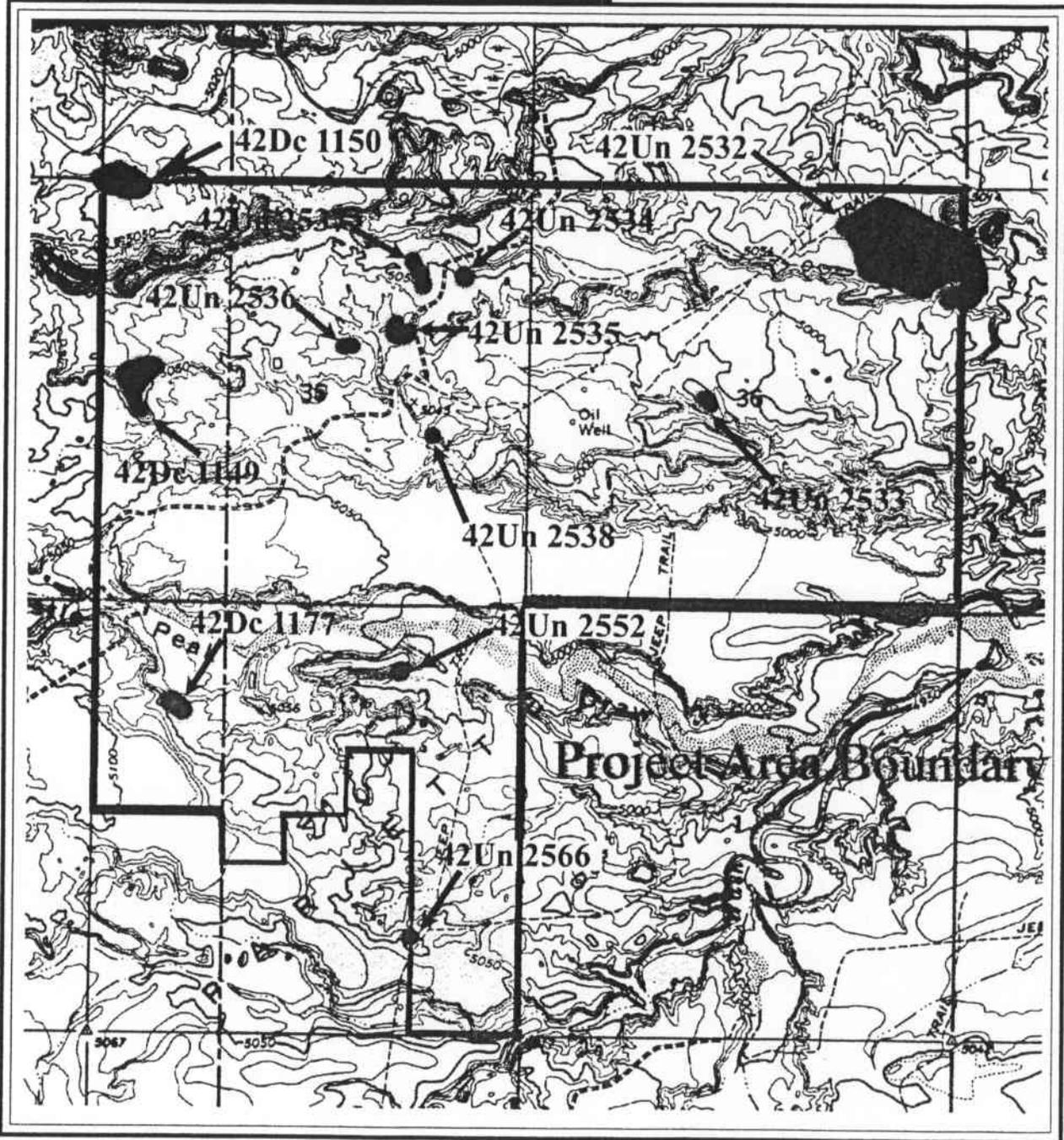
Area Reported in  
 IPC97-5A & 98-3B  
 Reports  
 Area Reported  
 Pertinent to this  
 Report

● CULTURAL  
 SITE  
 X ISOLATED  
 ARTIFACT

**MAP 4: CULTURAL RESOURCE  
SURVEY OF INLAND'S ODEKIRK  
SPRINGS UNIT IN THE CASTLE PEAK  
DRAW LOCALITY OF DUCHESNE &  
UINTAH COUNTIES, UTAH**



**PROJECT:** IPC98-4  
**SCALE:** 1:24,000  
**QUAD:** Pariette Draw SW  
**DATE:** July 3, 1998



**LEGEND**



**TOWNSHIP:** 8 and 9 South  
**RANGE:** 17 East  
**MERIDIAN:** SL B. & M.



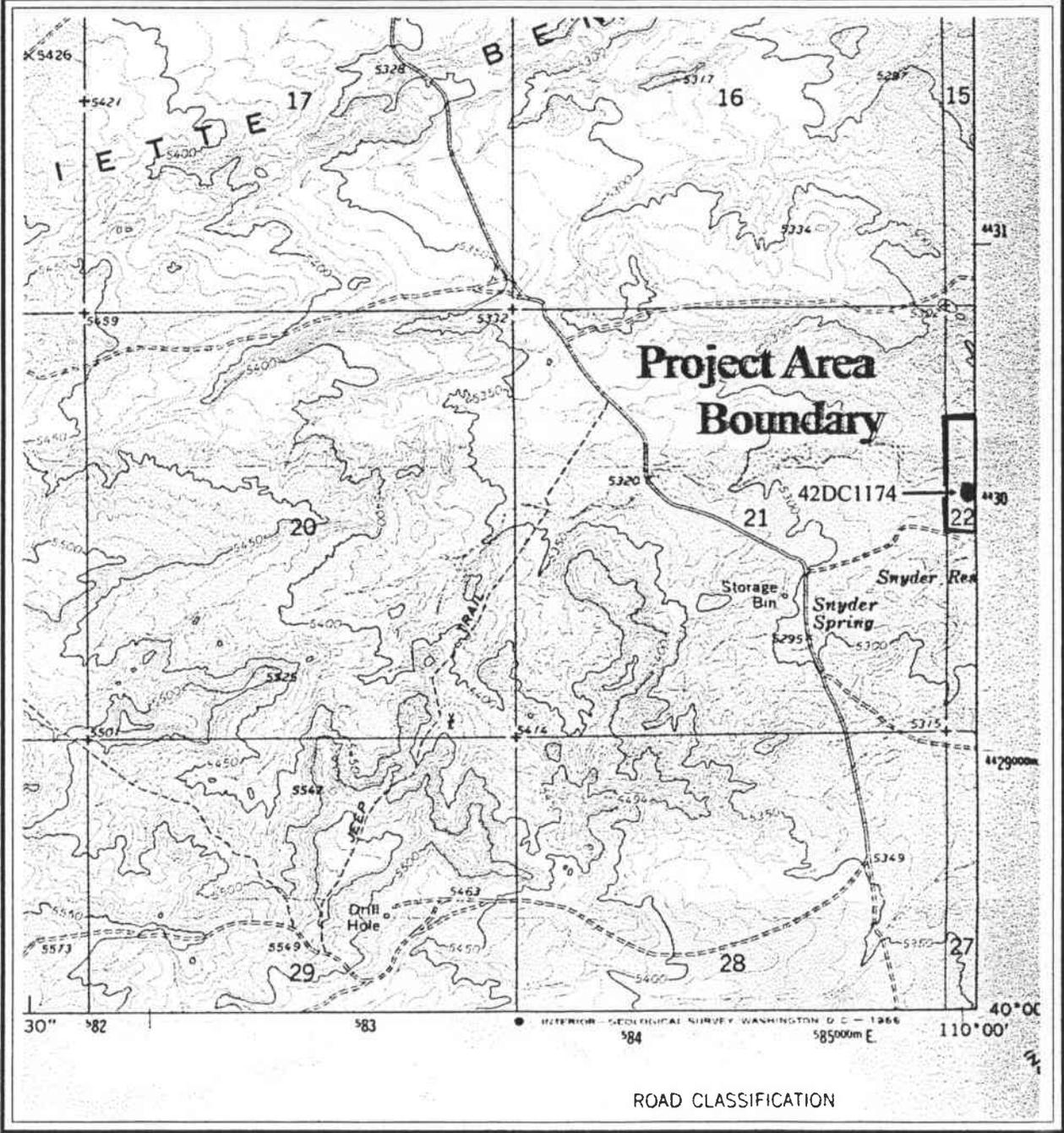
**Area  
Inventoried**

**● CULTURAL  
SITE**

**MAP: 5 CULTURAL RESOURCE SURVEY OF INLAND'S SOUTH PLEASANT VALLEY UNIT IN THE PARIETTE BENCH LOCALITY OF DUCHESNE COUNTY, UTAH**



**PROJECT:** IPC98-4  
**SCALE:** 1:24,000  
**QUAD:** Myton, SE  
**DATE:** July 9, 1998



ROAD CLASSIFICATION

**LEGEND**



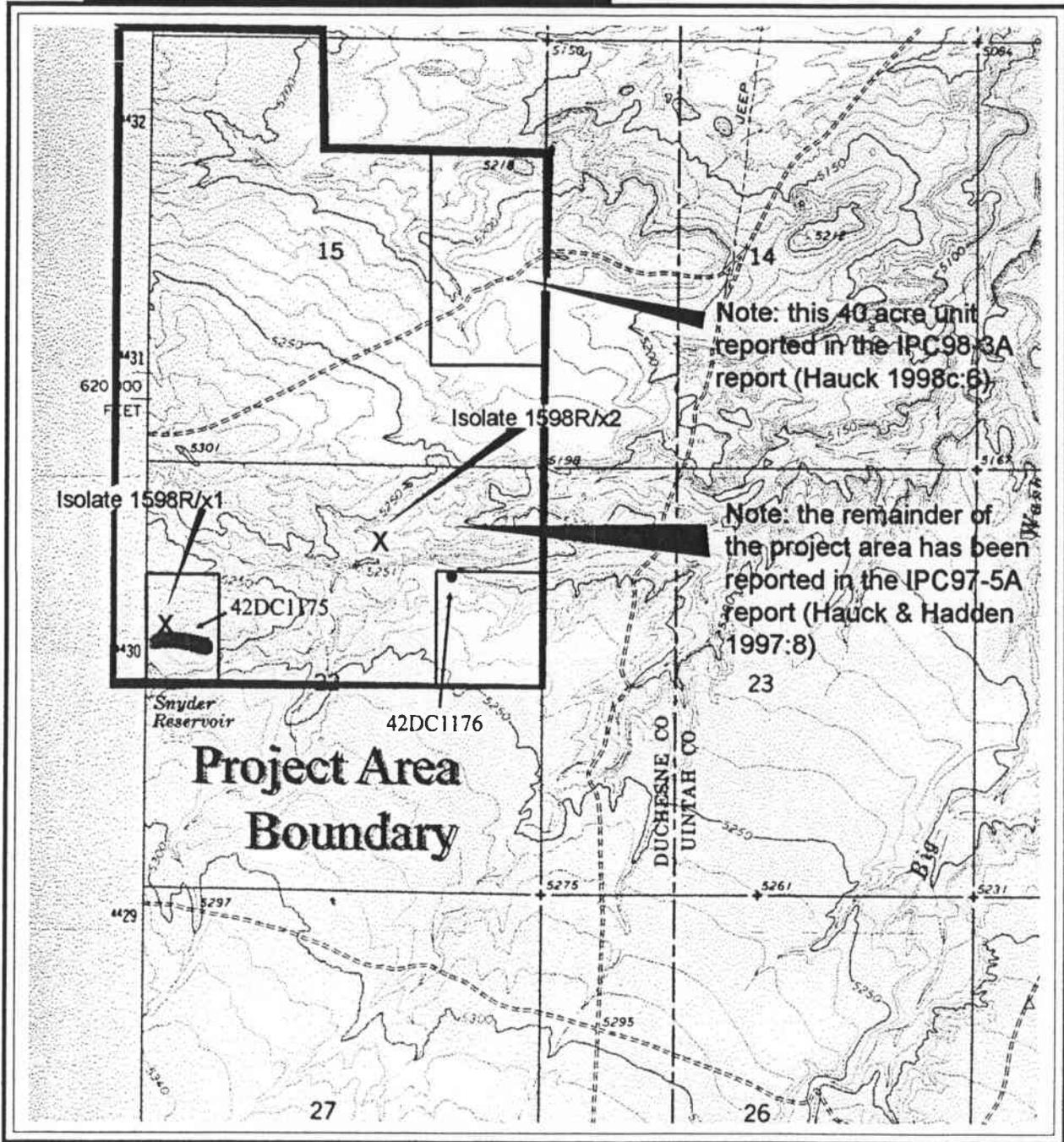
**TOWNSHIP:** 9 South  
**RANGE:** 17 East  
**MERIDIAN:** SL B. & M.

**Area Inventoried** ● **CULTURAL SITE**

**MAP: 6 CULTURAL RESOURCE SURVEY OF INLAND'S SOUTH PLEASANT VALLEY UNIT IN THE PARIETTE BENCH LOCALITY OF DUCHESNE COUNTY, UTAH**



**PROJECT:** IPC98-4  
**SCALE:** 1:24,000  
**QUAD:** Pariette Draw SW  
**DATE:** July 9, 1998



**TOWNSHIP:** 9 South  
**RANGE:** 17 East  
**MERIDIAN:** SL B. & M.

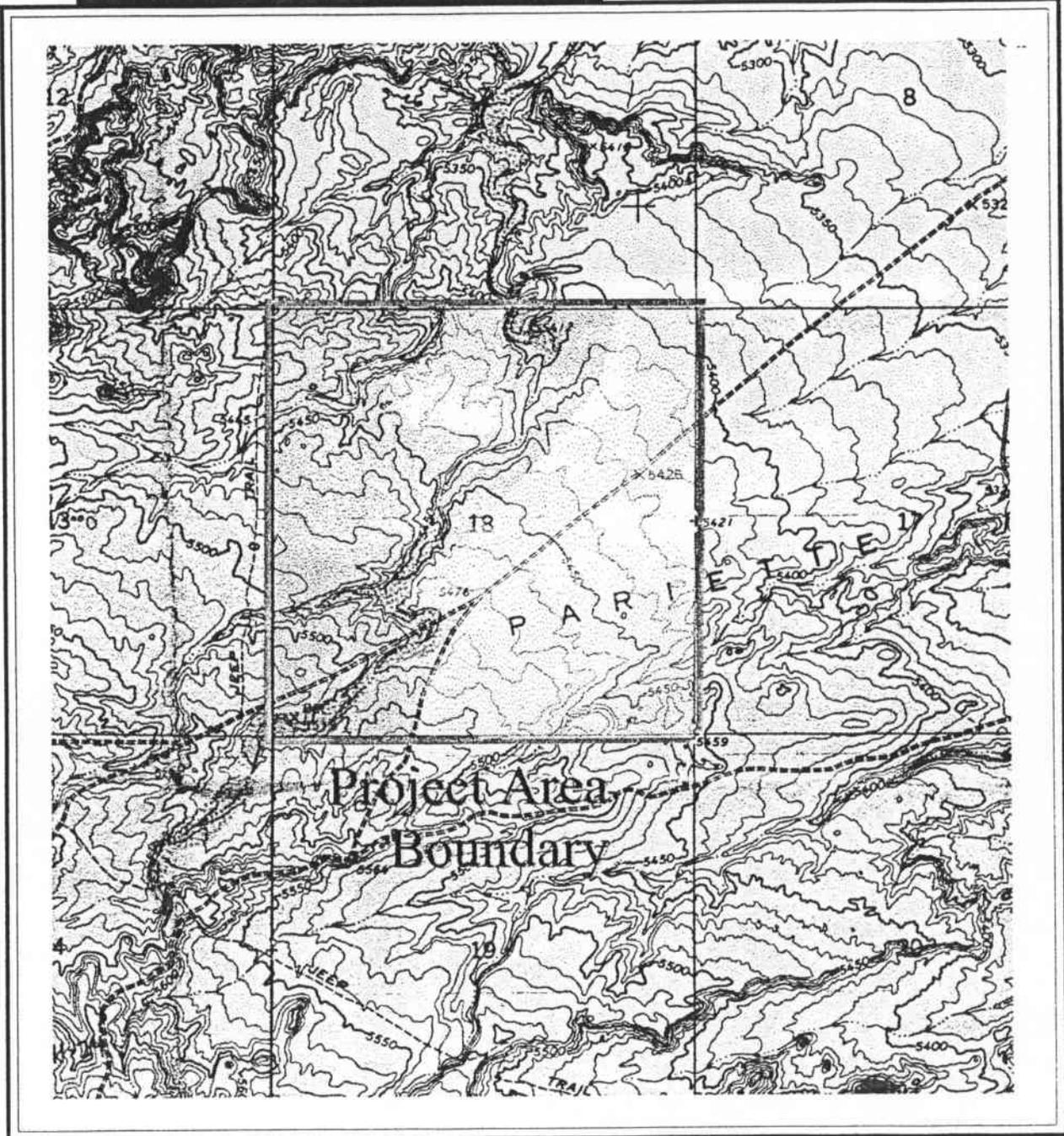
**LEGEND**

-  Area Examined Pertinent to this Report
-  CULTURAL SITE
-  ISOLATED ARTIFACT

**MAP 7:  
 CULTURAL RESOURCE SURVEY  
 OF INLAND BULK ACREAGE IN THE  
 SOUTH PLEASANT VALLEY LOCALITY  
 OF DUCHESNE COUNTY, UTAH**



**PROJECT:** IPC98-4  
**SCALE:** 1:24,000  
**QUAD:** Myton SE, Utah  
**DATE:** July 9, 1998



**TOWNSHIP:** 9 South  
**RANGE:** 17 East  
**MERIDIAN:** SL B. & M.

**LEGEND**

-  Bulk Acreage Survey Evaluated in 1997 as Reported in Hauck & Hadden 1997:5 (IPC97-5A, Map 4)
-  Bulk Acreage Survey Completed in Spring 1998 for this Report

the Myton SE, Myton SW, and Pariette Draw SW 7.5 minute USGS quads as shown on Map 2 through Map 7. The seven inventoried tracts are located in the following Lease Units:

**Ashley Unit (see Map 2)**

Evaluated parcels in this unit, as reported in this current document, total 689 acres and include the southern half and portions of the northwest and northeast quarters of Section 12, Township 9 South, Range 15 East (Salt Lake B. & M.). Portions of the southwest quarter, the northeast quarter, and the southeast quarter of Section 7, Township 9 South, Range 16 East are also included.

This acreage includes the following locations: 3-12, 5-12, 6-12, 9-12, 10-12, 11-12, 13-12, 14-12, 15-12, 16-12 (all in Section 12), and 1-7, 8-7, 9-7, 11-7, 13-7, and portions of 14-7 (all in Section 7).

**South Wells Draw Unit (see Map 3)**

Evaluated portions of this unit, as reported in this current document, total 1,240 acres and include the northern half of the southwest quarter of Section 2, all of Section 3 except for the northeast quarter, the southeast quarter and the eastern half of the southwest quarter of Section 4, the eastern half of Section 9, and the eastern half of the northwest quarter and the southwest quarter of the southwest quarter of Section 10, Township 9 South, range 16 East.

This acreage includes the following locations: 11-2 and 12-2 (in Section 2), 3-3, 4-3, 5-3, 6-3, 9-3, 10-3, 11-3, 12-3, 13-3, 14-3, 15-3, and 16-3 (in Section 3), 9-4, 10-4, 11-4, 12-4, 13-4, 14-4, 15-4, and 16-4 (in Section 4), 1-9, 2-9, 7-9, 8-9, 9-9, 10-9, 15-9, 16-9 (in Section 9), and 3-10, 6-10, and 13-10 (in Section 10).

**Odekirk Springs Unit (see Map 4)**

Evaluated portions of this unit, as reported in this current document, total 1,529 acres and include Sections 35 and 36 of Township 8 South, Range 17 East. In addition, portions of the northwest, northeast, and southeast quarters of Section 2, Township 9 South, Range 17 East were also evaluated.

This acreage includes the following locations: 1-35 through 16-35 in Section 35, 1-36 through 16-36 in Section 36, and previously unevaluated acreage associated with units 1-2, 2-2, 3-2, 4-2, 5-2, 6-2, 7-2 8-2, 9-2, and 16-2 all in Section 2.

**South Pleasant Valley Unit (see Maps 5, 6, and 7)**

Evaluated portions of this unit total 461 acres and include the southeast quarter of the northeast quarter and the northeast quarter of the southeast quarter of Section 15 (also noted in

Hauck 1998c), portions of the northeast, northwest and southwest quarters of Section 18, and, in Section 22, the southwest quarter of the northwest quarter and the southeast quarter of the northeast quarter.

This acreage includes the following locations: 8-15 and 9-15 in Section 15 (previously reported in Hauck 1998c), units 2-18, 4-18, 5-18, 6-18, and portions of 7-18, 11-18, 12-18, 13-18, and portions of 14-18 in Section 18, and 5-22, 8-22 in Section 22.

### **Environmental Description**

The various project tracts associated with this report are within the 5200 to 6100 foot elevation zone above sea level. Open rangeland terrain and eroded Eocene lake bed surfaces are affiliated with the entire project area.

The vegetation in the project area includes rabbit brush (*Chrysothamnus spp.*), sagebrush (*Artemisia spp.*), Winterfat (*Ceratoides lanata*) greasewood (*Sarcobatus spp.*), Sulphur flower Buckwheat (*Eriogonum umbellatum*) Mormon tea (*Ephedra viridis*), Halogeton, Mountain Mahogany (*Cercocarpus spp.*), saltbush (*Atriplex canescens*), and a variety of grasses.

The geological associations within the project area consist of Quaternary age sand and gravel deposits and fluvial lake deposits which correlate with the Uintah Formation of Tertiary age throughout the remainder of the tracts being considered in this report.

## **PREVIOUS RESEARCH IN THE LOCALITY**

### **File Search**

A records search of the site files and maps at the Antiquities Section of the State Historic Preservation Office in Salt Lake City was conducted on November 6, 1997 in association with the primary project as requested by Inland Resources, Inc. A similar search was conducted in the Vernal District Office of the BLM on November 10, 1997 and March 18, 1998. Searches were also initiated during the spring of 1998 in order to check various parcels added to the evaluation by Inland Resources. The National Register of Historic Places was consulted and no registered historic or prehistoric properties will be affected by the proposed developments.

A variety of known cultural sites are situated in the general locality. Many of these prehistoric resources were identified and recorded by AERC and other archaeologists and consultants during oil and gas exploration inventories (cf., Fike and Phillips 1984, Hauck and Weder 1989, Hauck (various), Hauck and Hadden 1993, 1994, 1995, 1996, 1997).

## **Prehistory of the Cultural Region**

Currently available information indicates that the Northern Colorado Plateau Cultural Region has been occupied by a variety of cultures beginning perhaps as early as 10,000 B.C. These cultures, as identified by their material remains, demonstrate a cultural developmental process that begins with the earliest identified Paleoindian peoples (10,000 - 7,000 B.C.) and extends through the Archaic (ca. 7,000 B.C. - 300 A.D.), and Formative (ca. A.D. 400 - 1100) stages, and the Late Prehistoric-Protohistoric periods (ca. A.D. 1200 - 1850) to conclude in the Historic-Modern Period which was initiated with the incursion of the Euro-American trappers, explorers and settlers. Basically, each cultural stage--with the possible exception of the Late Prehistoric hunting and gathering Shoshonean bands--features a more complex life-way and social order than occurred during the earlier stage of development (Hauck 1991:53). For a more comprehensive treatment of the prehistory and history of this region see *Archaeological Evaluations in the Northern Colorado Plateau Cultural Area* (Hauck 1991).

## **Site Potential in the Project Development Zone**

Previous archaeological evaluations in the general project area have resulted in the identification and recording of a variety of cultural resource sites having eligibility for potential nomination to the National Register of Historic Places. The majority of these sites are lithic scatters containing cobble reduction materials. Many of these quarry sites are of the "tap and test" variety, and extend for tens of hundreds of meters. Open occupations are also frequently being identified in this locality. Sites associated with the open rangeland generally appear to have been occupied during the Early and Middle Plains Archaic Stage with occasional indications of Paleoindian activity based on the recovery of both Llano and Plano style projectile points as isolated artifacts and from archaeological sites. The north-south drainage canyons appear to contain the majority of Late Prehistoric (Numic) sites probably because those canyon floors were transportation corridors and convenient pastures for the Ute horse herds. Evidence of Formative Stage occupation, i.e. Fremont, is rarely observed in the rangeland environment but is common within the Green River and White River canyons and their primary tributary canyons.

Site density in certain portions of the region appears to range from one to four sites per section. These densities increase in the canyon bottoms due to Ute rock art loci. Recent evaluations indicate that the site densities may reach 8 to 12 sites per section for a site/acre ratio ranging between 1/80 and 1/53 in certain localities on the upper benches which were apparently favored for hunting, lithic resource procurement, and camping. Prehistoric sites on the rangeland benches appear to be associated with water courses and aeolian deposits. In the Wells Draw and Castle Peak Draw localities, site density appears to be very high (possibly as high as the site/acre ratio of 1/25), especially in areas near water courses and seep sources.

## **FIELD EVALUATIONS**

### **Methodology**

Intensive evaluations consisted of the archaeologists walking a series of 10 to 20 meter-wide transects within the various tracts as defined above for this project area. Thus, 3,919 acres were inventoried relative to this present project.

Observation of cultural materials results in intensive examinations to determine the nature of the resource (isolate or activity locus). The analysis of each specific site results in its subsequently being sketched, photographed, and appropriately recorded on standard IMACS forms.

In certain instances, the cultural sites are evaluated for depth potential utilizing AERC's portable Ground Penetrating Radar (GPR) computerized system (SIR-2 manufactured by Geophysical Survey Systems, Inc. of North Salem, New Hampshire). GPR was not used during this project.

Following these field analyses, cultural sites are then evaluated for significance utilizing the standards described below and mitigation recommendations are developed by the principal investigator in consultation with both the client and relevant governmental agencies as a means of preserving significant resources which may be situated within the development zone.

### **Site Significance Criteria**

Prehistoric and historic cultural sites which can be considered as eligible for nomination to the National Register of Historic Places have been outlined as follows in the National Register's Criteria for Evaluation as established in Title 36 CFR 60.6:

*The quality of significance in American . . . archaeology . . . and culture is present in . . . sites . . . that possess integrity of location, design, setting, materials, workmanship, feeling, and association and:*

- a. That are associated with events that have made a significant contribution to the broad patterns of our history; or*
- b. that are associated with the lives of persons significant in our past; or*
- c. that embody the distinctive characteristics of a type, period, or method of construction . . . ; or*
- d. that have yielded, or may be likely to yield, information important in prehistory or history.*

In addition to satisfying one or more of these general conditions, a significant cultural resource site in Utah will generally be considered as eligible for inclusion in the National Register if it should advance our current state of knowledge relating to chronology, cultural relationships, origins, and cultural life ways of prehistoric or historic groups in the area.

In a final review of any site's significance, the site must possess integrity and at least one of the above criteria to be considered eligible for nomination to the National Register of Historic Places.

### **Results of the Inventory**

A total of 28 prehistoric archeological sites and four isolated artifacts was recorded during the archaeological evaluation of the various tracts in this project area. These sites consist of 42DC 1149, 1150, 1155-1166, 1171, 1174-1177 and 42UN 2532-2538, 2552, and 2566. A brief description of each site, the site maps, cultural significance determinations, and mitigation recommendations are provided in this portion of the report. A discussion of the four isolated diagnostic artifacts (1598B/x1, 1598K/x2, 1598R/x1 & 1598R/x2) follows the site discussion .

#### **Site 42DC 1149 (see Maps 4 and 8)**

This site is a large, diffuse scatter of lithic debitage, cores and tools on an elevated bench and ridge complex associated with stabilized aeolian deposits. The site occupation area occurs in and among a large sandstone outcrop or monolith at the highest/westernmost edge of the scatter area. Fire cracked rock concentrations, tools and shatter predominate at the occupation area, while primary flakes, cores and shatter occur at low rates across the remainder of the site.

#### **Nat. Register Status: Significant**

Justification: Site contains depth potential and context integrity. This site meets the standards for significance under criterion d established in 36 FR 60.6.

**Recommendation: Avoidance during any surface development related to Units 5-35 and 12-35.**

#### **Site 42DC 1150 (see Maps 4 and 9)**

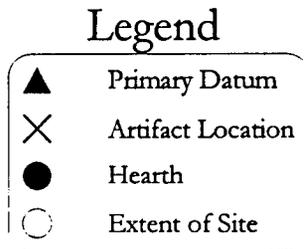
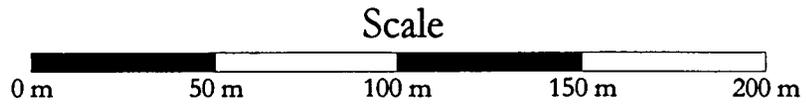
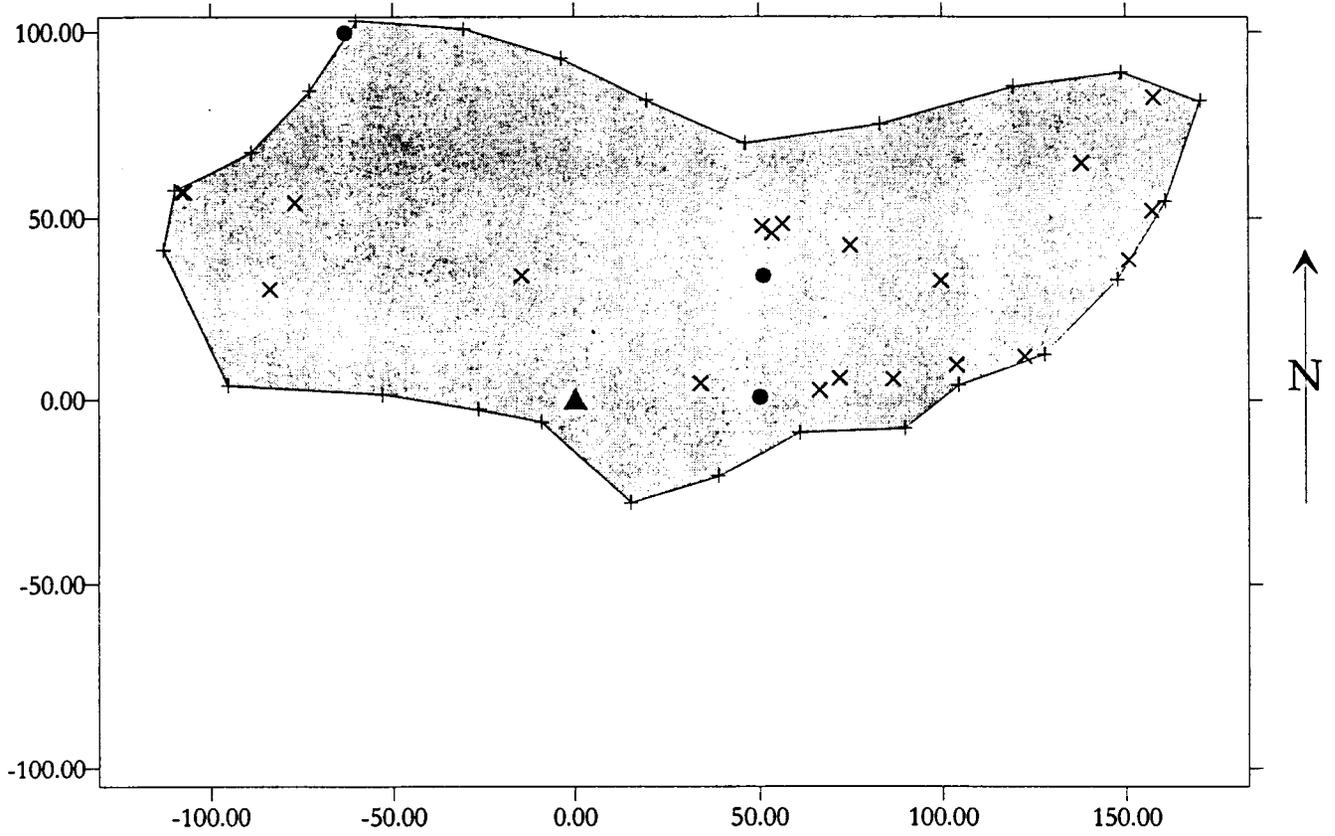
This site consists of a very large dispersed scatter of lithic debitage in all stages of reduction and tool manufacture, tools and hearth remains along the top and sides of a large dune. Artifacts are eroding from the dune field and are exposed in blowouts and along the dune.

#### **Nat. Register Status: Significant**

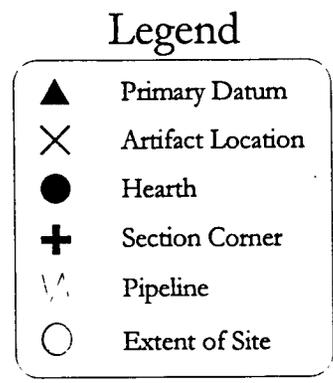
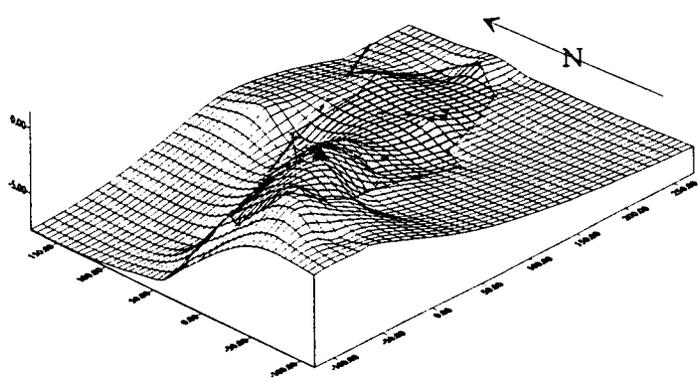
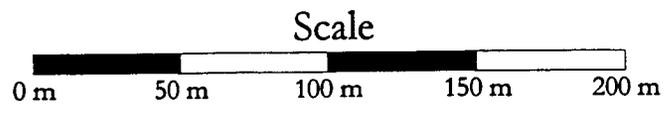
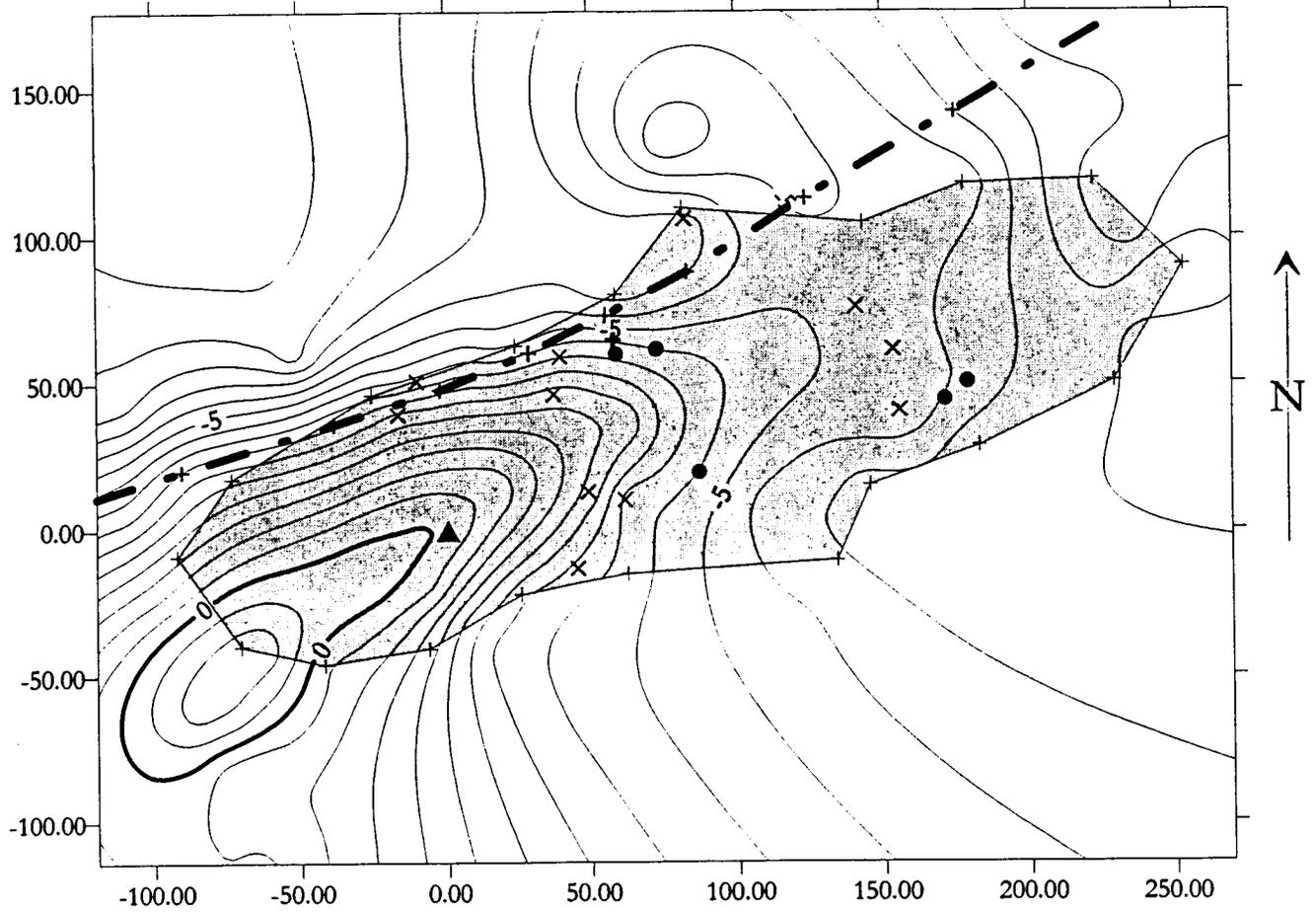
Justification: Site contains depth potential and context integrity. This site meets the standards for significance under criterion d established in 36 FR 60.6.

**Recommendation: Avoidance during any surface development related to Unit 4-35.**

# MAP 8: SITE 42DC 1149



# MAP 9: SITE 42DC 1150



**Site 42DC 1155 (see Maps 3 and 10)**

Site consists of a scatter of Mesa Verde corrugated grayware that was manufactured during the late Pueblo-II, early Pueblo-III occupation in the Southwest cultural area. The artifact evidently represents a trade item brought into the Uinta Basin. Similar artifacts have been previously recorded for this region and the adjacent White River region of northwestern Colorado (Hauck 1991). The site was located within sandstone bedrock exposures.

**Nat. Register Status: Not Significant**

Justification: Site lacks depth potential and context integrity. This site does not meet the standards for significance under criterion d established in 36 FR 60.6.

**Recommendation: Avoidance.**

**Site 42DC 1156 (see Maps 3 and 10)**

Site consists of dispersed lithic scatter of about five fragments of debitage and a Paleoindian point midsection (see Figure 1A) that may be a portion of an Eden point. This site is located on a flat surface southeast of an isolated low knoll. The artifacts are all localized Parachute Creek chert.

**Nat. Register Status: Not Significant**

Justification: Site lacks depth potential and context integrity. This site does not meet the standards for significance under criterion d established in 36 FR 60.6.

**Recommendation: Avoidance.**

**Site 42DC 1157 (see Maps 3 and 11)**

Site consists of scoured rock shelter-ledge complex with an associated lithic scatter of 5+ fragments of Parachute Creek chert debitage. Also observed on the site was a single, simple biface or chopper exhibiting alternate flaking. Similar tools have been observed in Paleoindian through Middle Archaic large game butchering contexts.

**Nat. Register Status: Not Significant**

Justification: Site lacks depth potential and context integrity. This site does not meet the standards for significance under criterion d established in 36 FR 60.6.

**Recommendation: Avoidance.**

**Site 42DC 1158 (see Maps 3 and 12)**

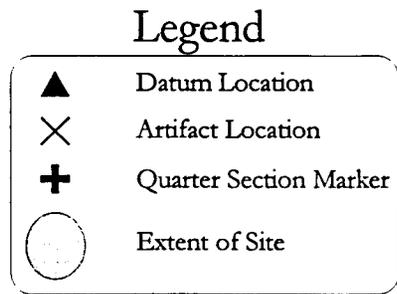
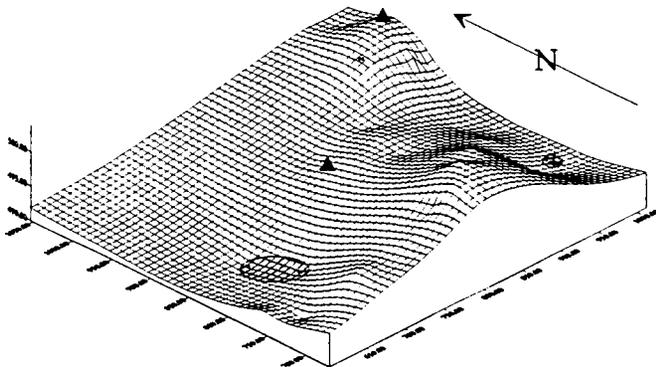
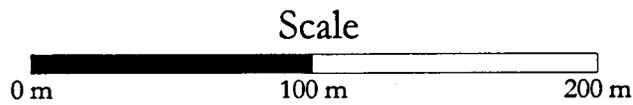
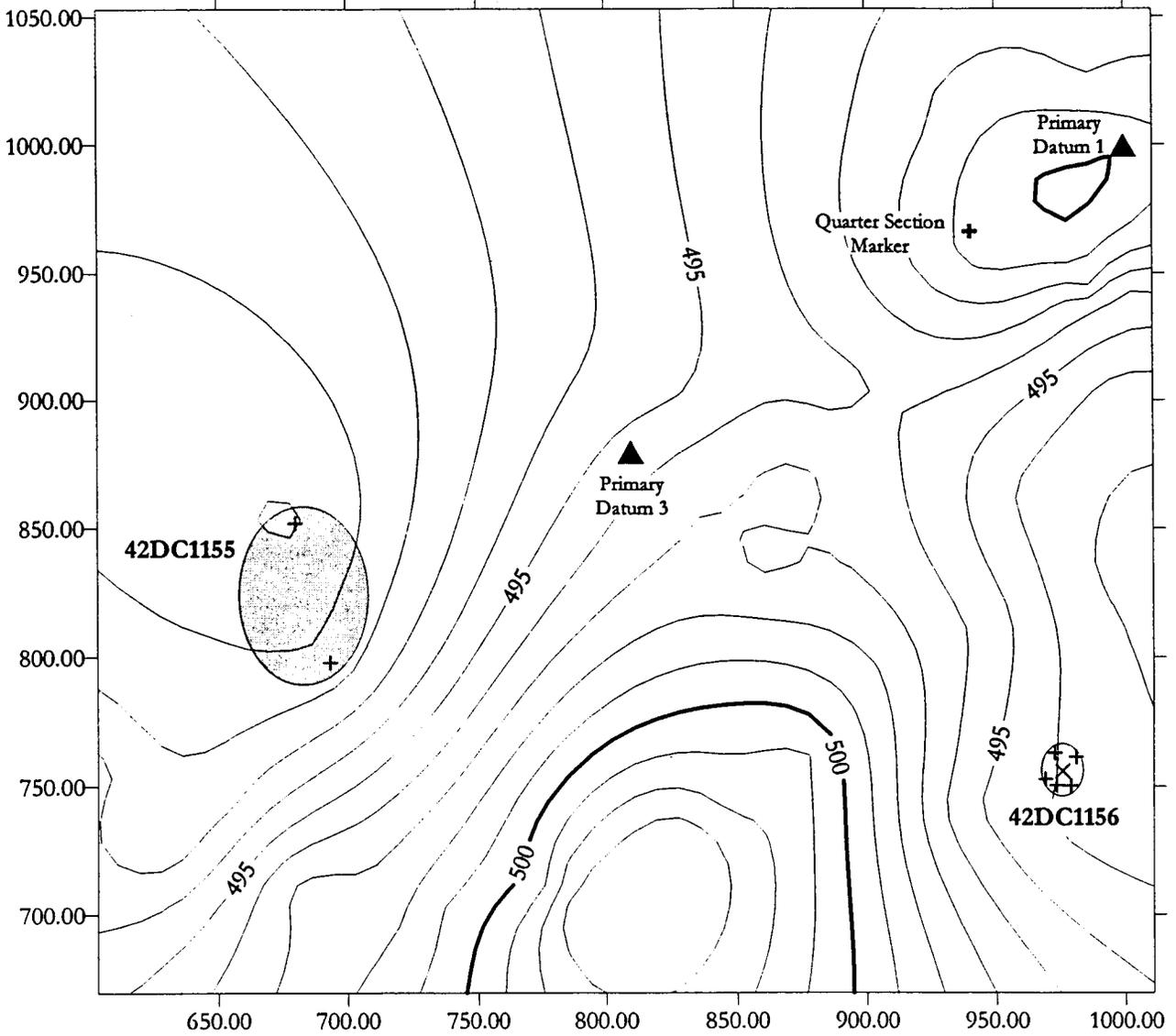
Site consists of series of scoured rock shelters, an associated lithic scatter, one complete projectile point and a point midsection, biface tools and hearths. Parachute Creek chert tools and debitage predominate on the site. Features include three hearths and rock shelters. A complete projectile point of Plano through Early Archaic manufacture and a Paleoindian point midsection were collected (see Figures 1B and 1C).

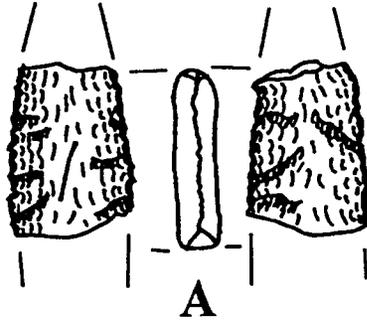
**Nat. Register Status: Significant**

Justification: Site contains depth potential and context integrity. This site meets the standards for significance under criterion d established in 36 FR 60.6.

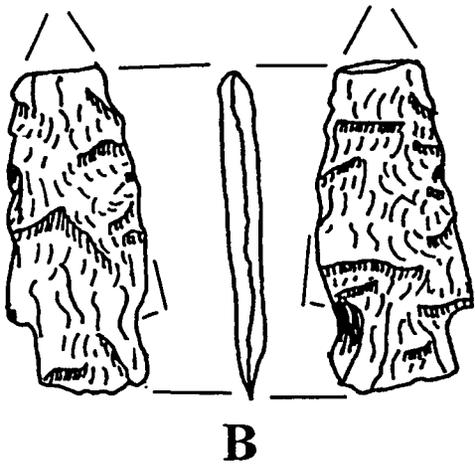
**Recommendation: Avoidance during any surface development related to Units 14-3 and 15-3.**

# MAP 10: SITES 42DC 1155 & 42DC 1156



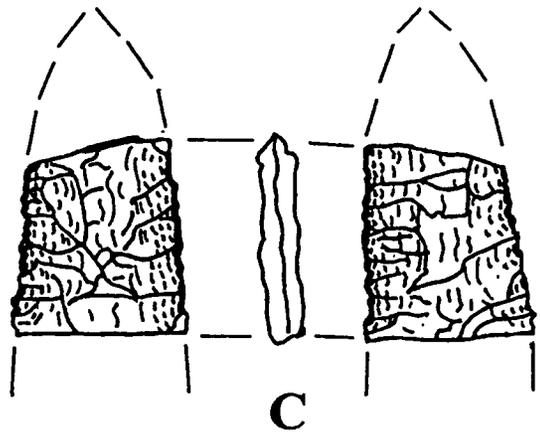


42DC 1156  
(FS-1022)



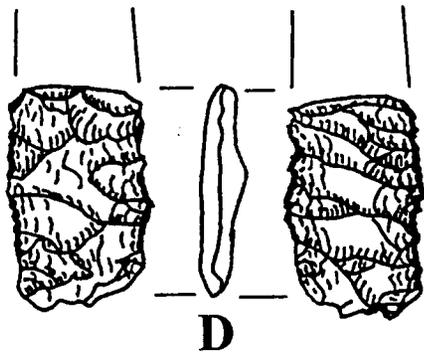
FS-1012

42DC 1158



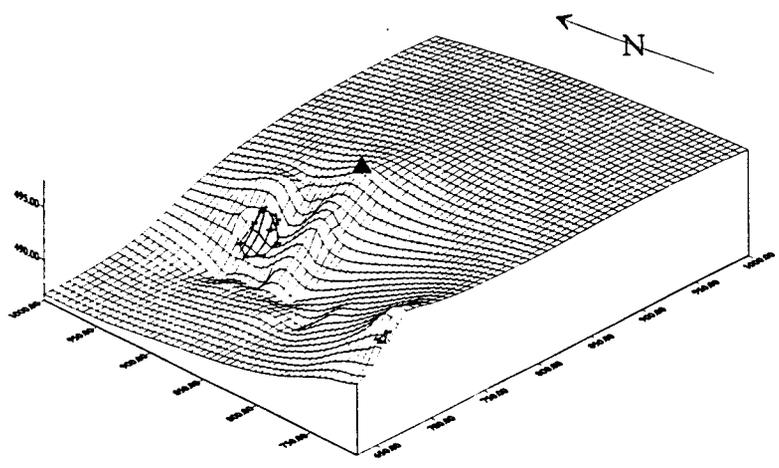
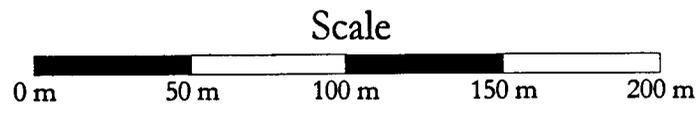
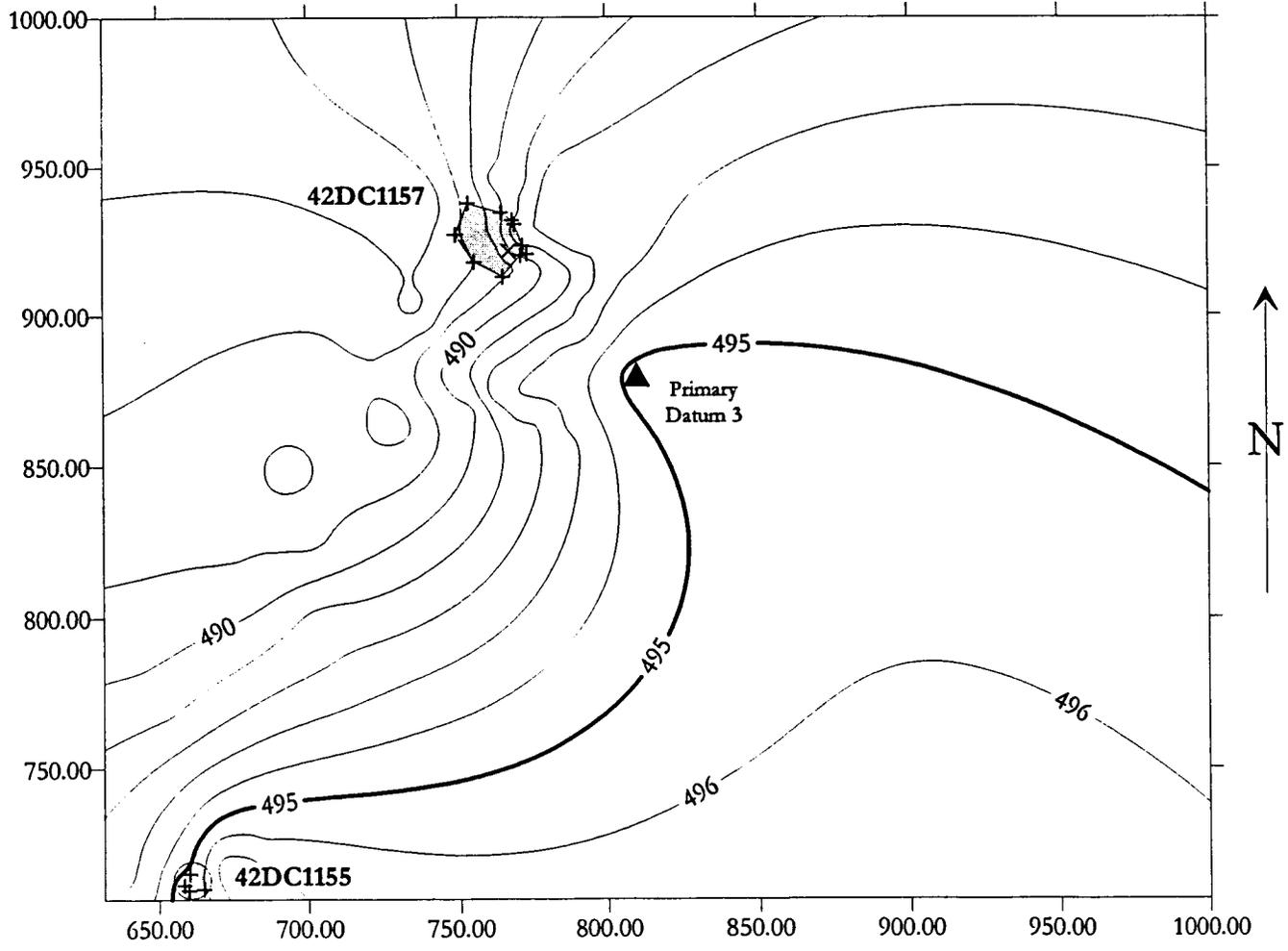
FS-1007

42DC1159  
FS-1011



**FIGURE 1**

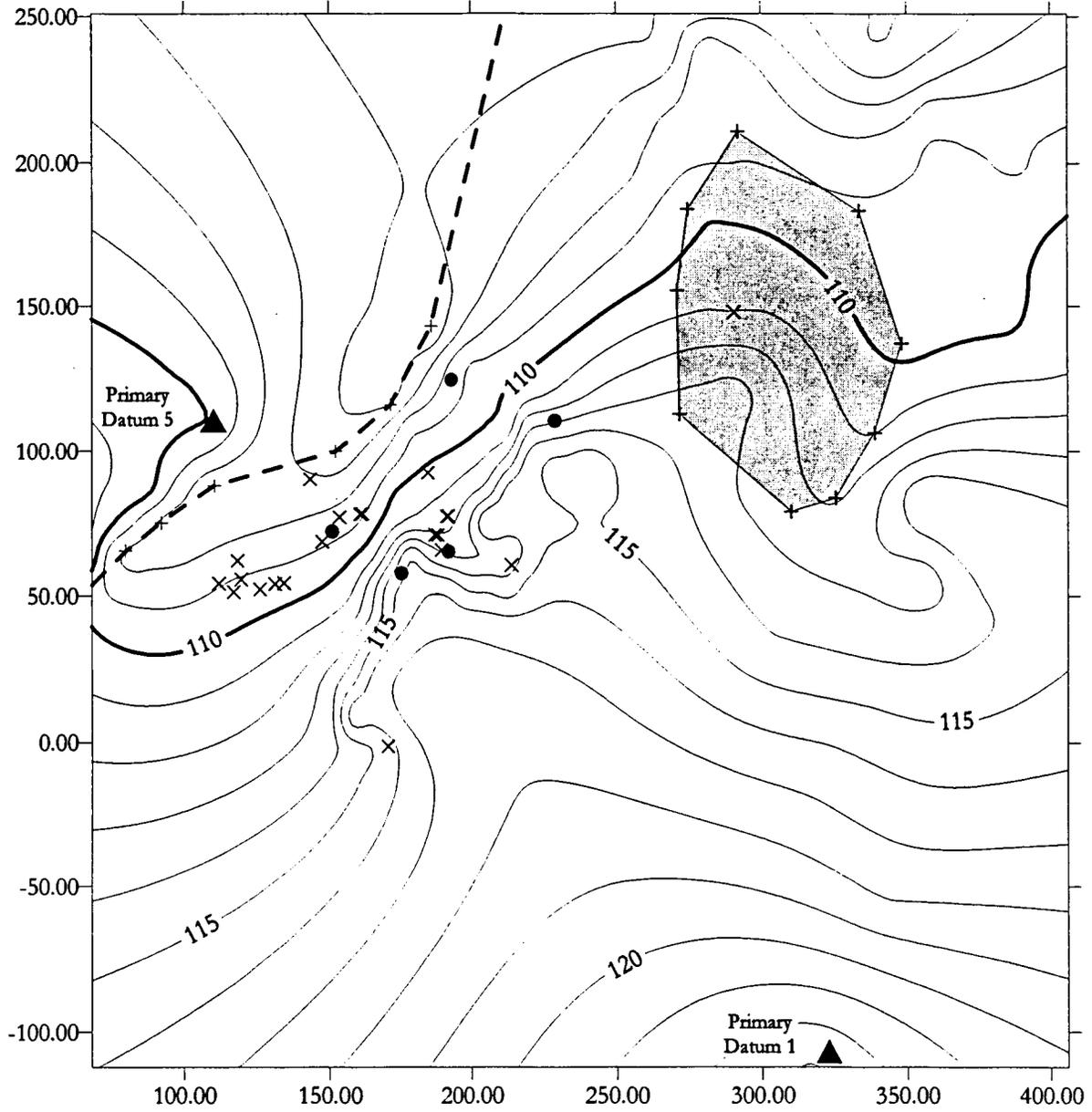
# MAP 11: SITE 42DC 1157



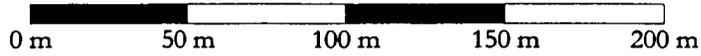
### Legend

- ▲ Datum Location
- × Artifact Location
- Extent of Site

# MAP 12: SITE 42DC 1158

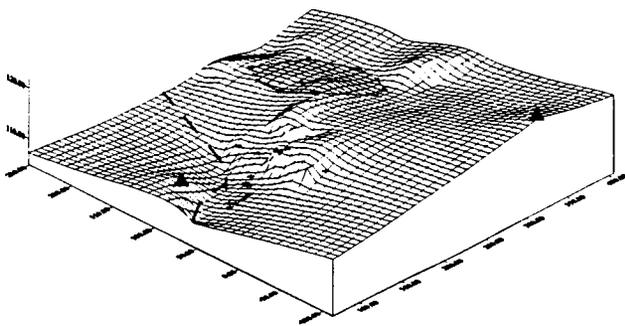


Scale



## Legend

- ▲ Datum Location
- × Artifact Location
- Feature
- Drainage Channel
- Artifact Concentration



**Site 42DC 1159 (see Maps 3 and 13)**

Site consists of dispersed lithic scatter located on the western slope drainage area of an isolated low knoll. Artifacts include Parachute Creek chert debitage, two bifaces and a Paleoindian (Goshen style) projectile point base (see Figure 1D).

**Nat. Register Status: Significant**

Justification: Site contains depth potential and context integrity. This site meets the standards for significance under criterion d established in 36 FR 60.6.

**Recommendation: Avoidance during any surface development related to Unit 15-3.**

**Site 42DC 1160 (see Maps 3 and 14)**

Site consists of dispersed lithic scatter located in a shallow drainage area southeast of an isolated low knoll. Artifacts include Parachute Creek chert debitage, a unifacially retouched scraper and a core/chopper and projectile point (see Figure 2A) that was located some outside the main lithic scatter. The dart point appears to be an Elko Eared variety which correlates with the Early Archaic occupational phase of the Uinta Basin.

**Nat. Register Status: Not Significant**

Justification: Site lacks depth potential and context integrity. This site does not meet the standards for significance under criterion d established in 36 FR 60.6.

**Recommendation: Avoidance.**

**Site 42DC 1161 (see Maps 3 and 15)**

Site consists of an open occupation and lithic scatter located on a low ridge. Artifacts include a Paleoindian 'Alberta' point (see Figure 2B) and a number of bifaces. The dominant lithic material type is the local float consisting of Parachute Creek chert.

**Nat. Register Status: Significant**

Justification: Site contains depth potential and context integrity. This site meets the standards for significance under criterion d established in 36 FR 60.6.

**Recommendation: Avoidance during any surface development related to Unit 16-3.**

**Site 42DC 1162 (see Maps 3 and 16)**

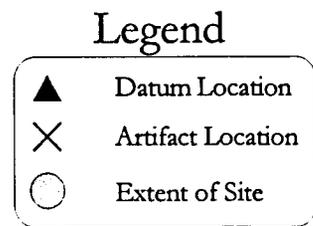
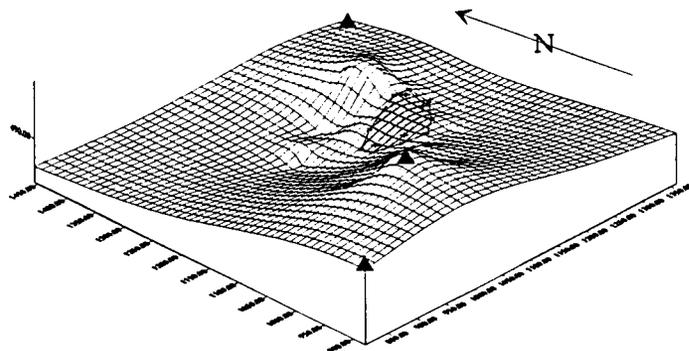
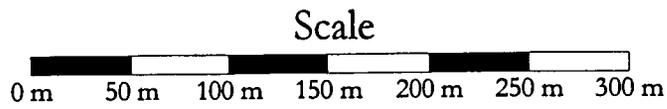
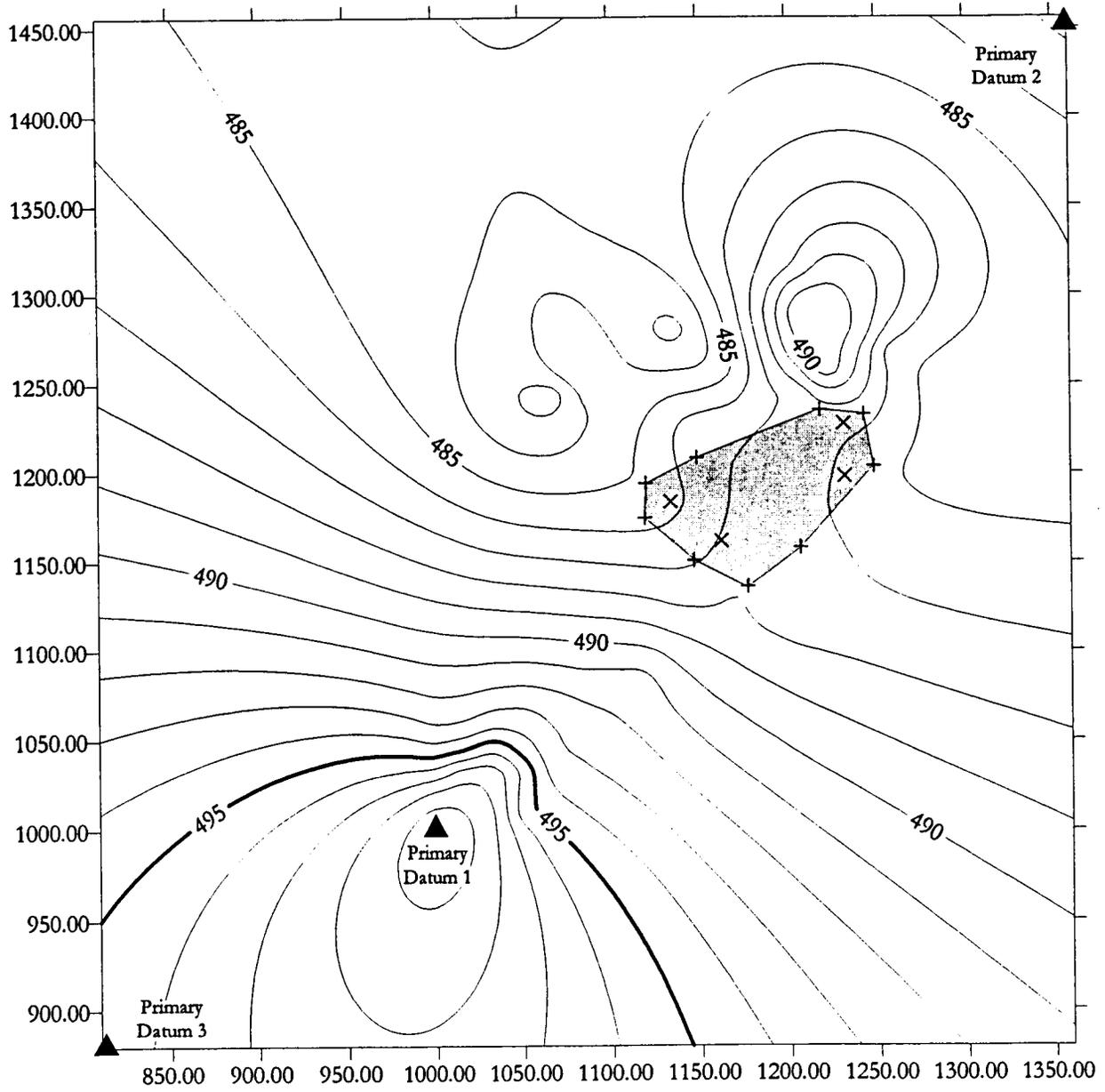
Site consists of an open occupation and lithic scatter located on a low ridge and into an adjacent plain to the south. Artifacts include a quartzite hammerstone, Parachute Creek chert cores, two bifaces and lithic debitage in all stages of lithic tool manufacture. The dominant lithic material type is Parachute Creek chert debitage.

**Nat. Register Status: Significant**

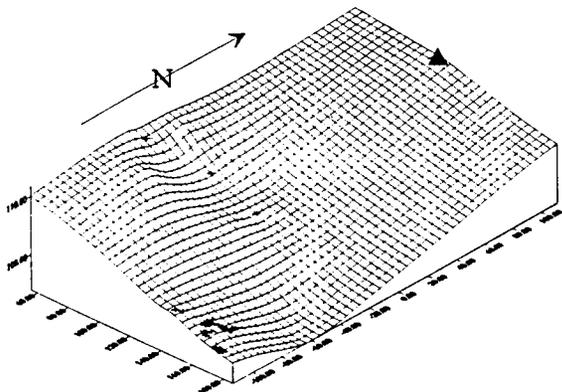
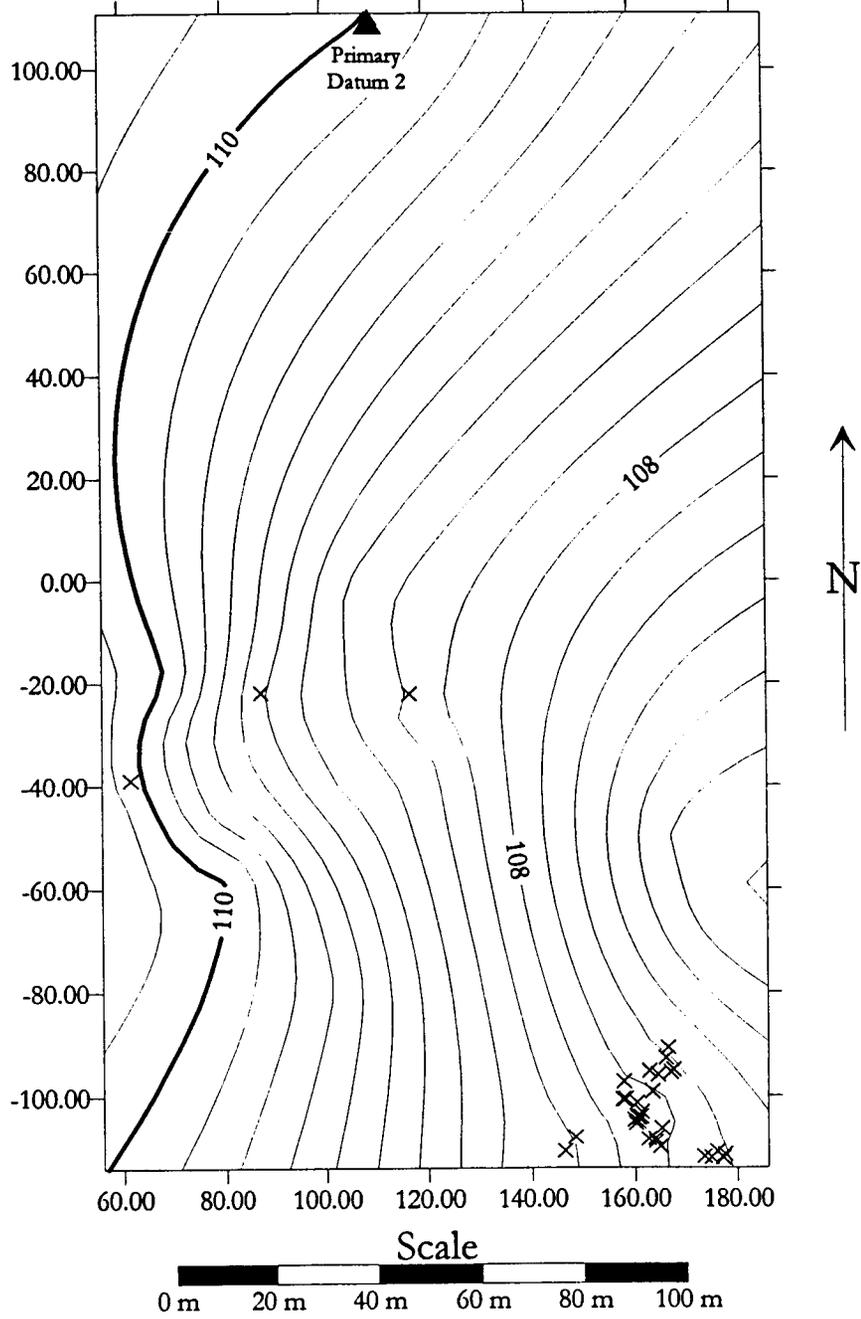
Justification: Site contains depth potential and context integrity. This site meets the standards for significance under criterion d established in 36 FR 60.6.

**Recommendation: Avoidance during any surface development related to Unit 9-3.**

# MAP 13: SITE 42DC 1159

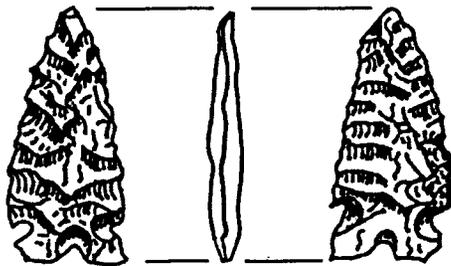


# MAP 14: SITE 42DC 1160



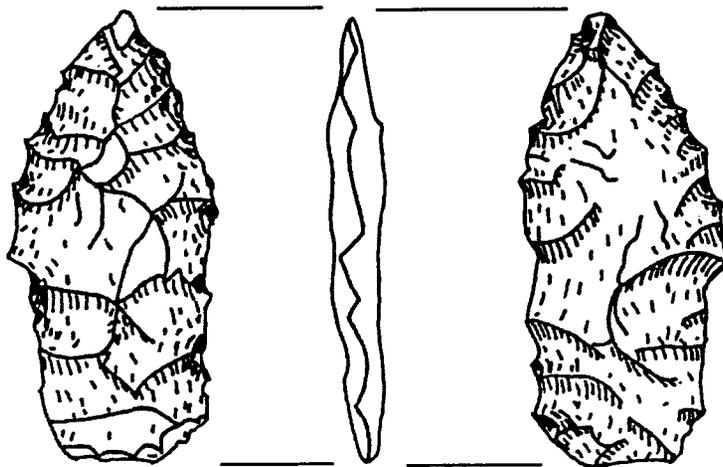
## Legend

- ▲ Datum Location
- × Artifact Location



**A**

**42DC 1160  
(FS-1031)**

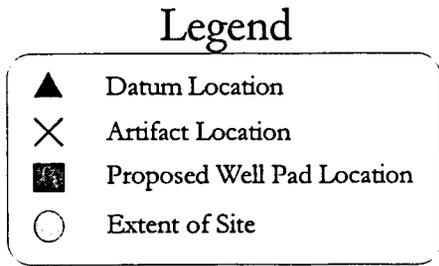
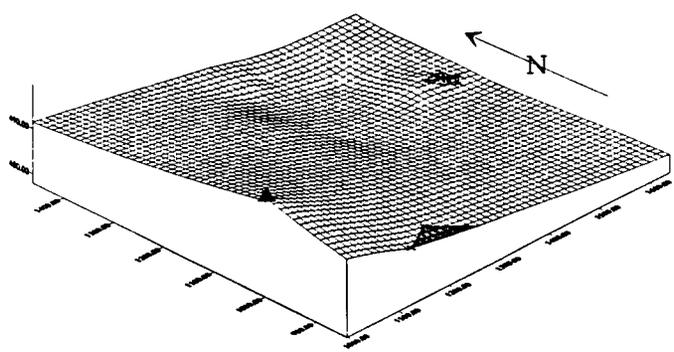
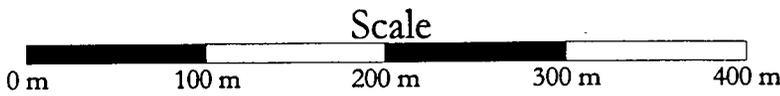
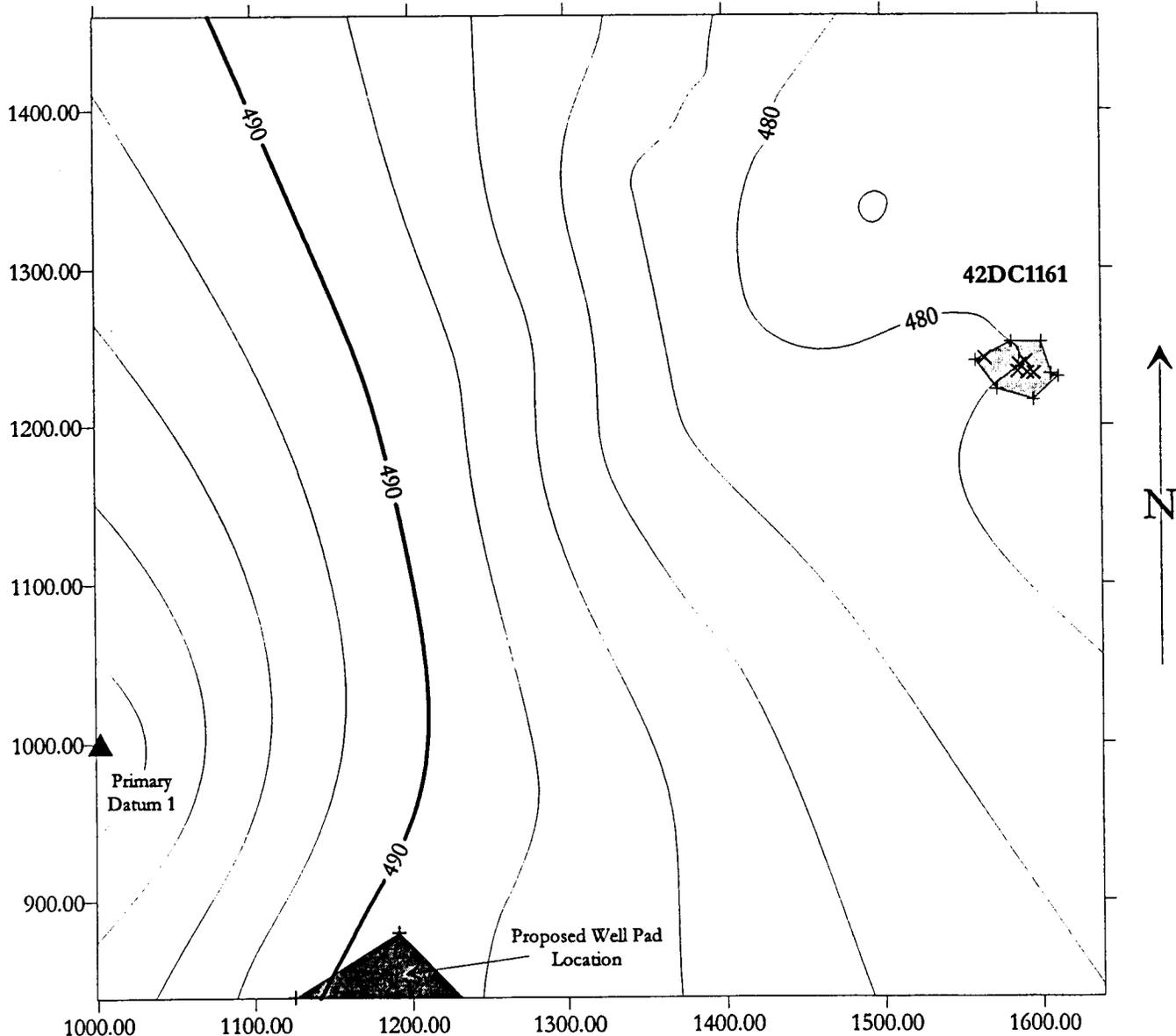


**B**

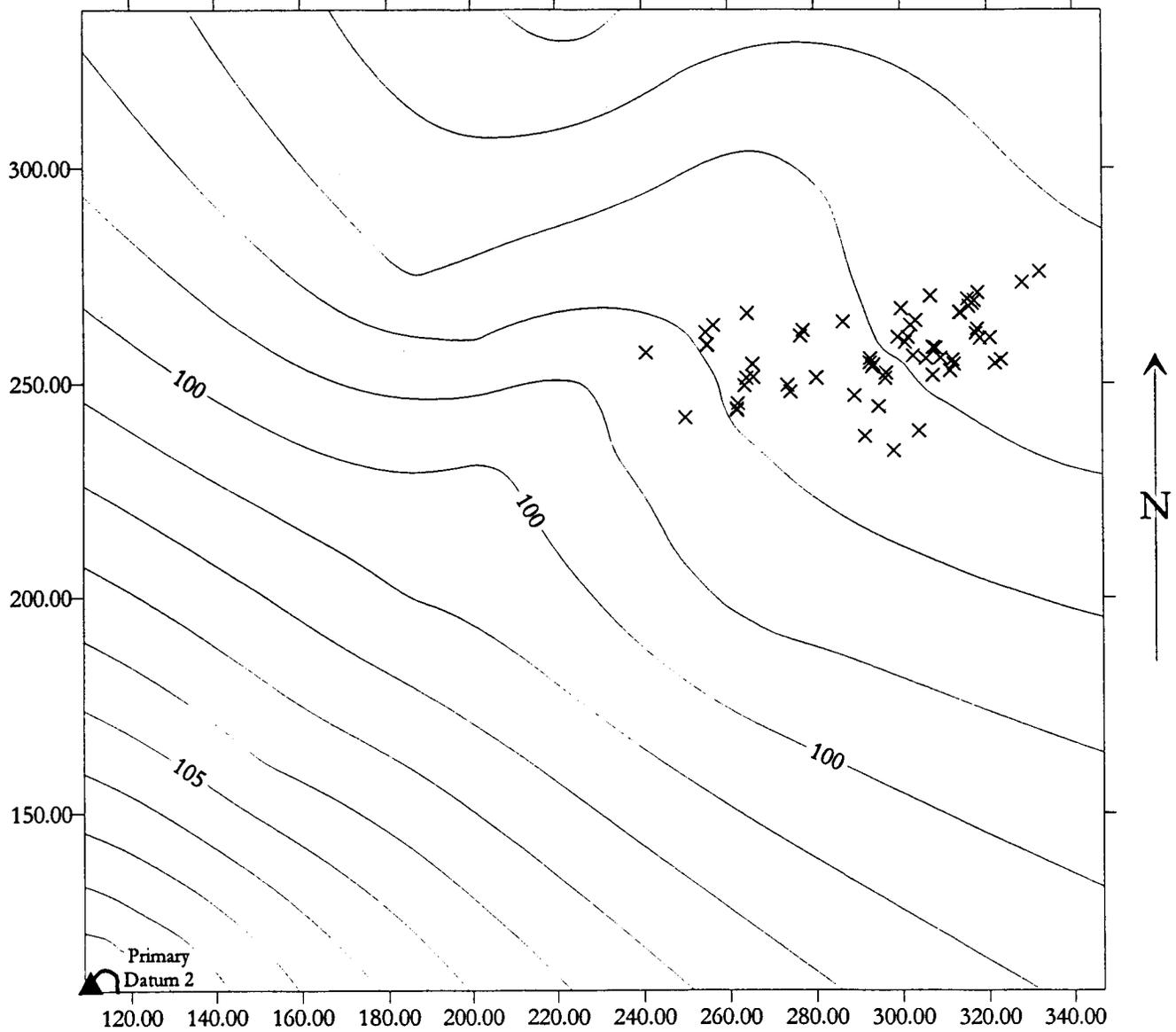
**42DC 1161**

**FIGURE 2**

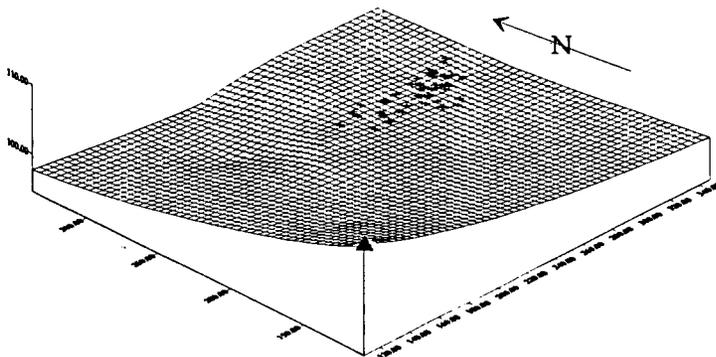
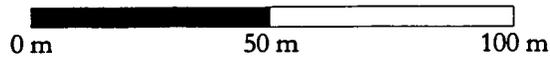
# MAP 15: SITE 42DC 1161



# MAP 16: SITE 42DC 1162



Scale



## Legend

- ▲ Datum Location
- × Artifact Location

**Site 42DC 1163 (see Maps 3 and 17)**

Site consists of a lithic scatter located on a sandy plain with a gradual slope on and around an isolated outcrop. Artifacts are limited to Parachute Creek chert debitage in all stages of lithic tool reduction and manufacture.

**Nat. Register Status: Not Significant**

Justification: Site lacks depth potential and context integrity. This site does not meet the standards for significance under criterion d established in 36 FR 60.6.

**Recommendation: Avoidance.**

**Site 42DC 1164 (see Maps 3 and 18)**

Site consists of a dispersed lithic scatter located in and near a shallow drainage at the bottom of a steep hill. Artifacts include Parachute Creek chert debitage in all stages of lithic tool manufacture and several choppers and scrapers.

**Nat. Register Status: Not Significant**

Justification: Site lacks depth potential and context integrity. This site does not meet the standards for significance under criterion d established in 36 FR 60.6.

**Recommendation: Avoidance.**

**Site 42DC 1165 (see Maps 3 and 19)**

Site consists of a dispersed scatter of lithic debitage, tools, ground stone and several deflated hearth scatters located on a ledge near the bottom of a slope. Ledges run westward from the site with scattered artifacts along the top and bottom of the ledge complex. Parachute Creek chert is predominate on the site.

**Nat. Register Status: Not Significant**

Justification: Site lacks depth potential and context integrity. This site does not meet the standards for significance under criterion d established in 36 FR 60.6.

**Recommendation: Avoidance.**

**Site 42DC 1166 (see Maps 3 and 20)**

Site consists of a dispersed lithic scatter located in and near a shallow drainage at the bottom of a steep hill. Artifacts include Parachute Creek chert debitage in all stages of lithic tool manufacture and several choppers and scrapers.

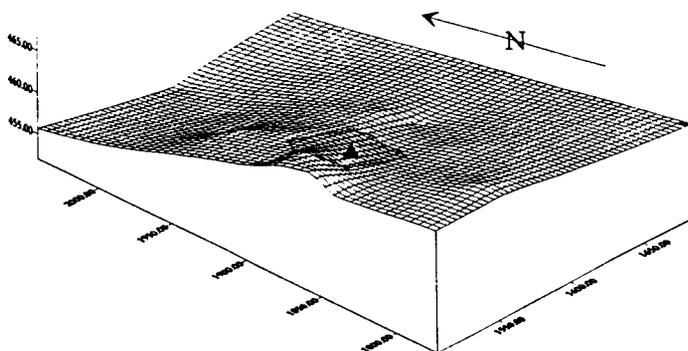
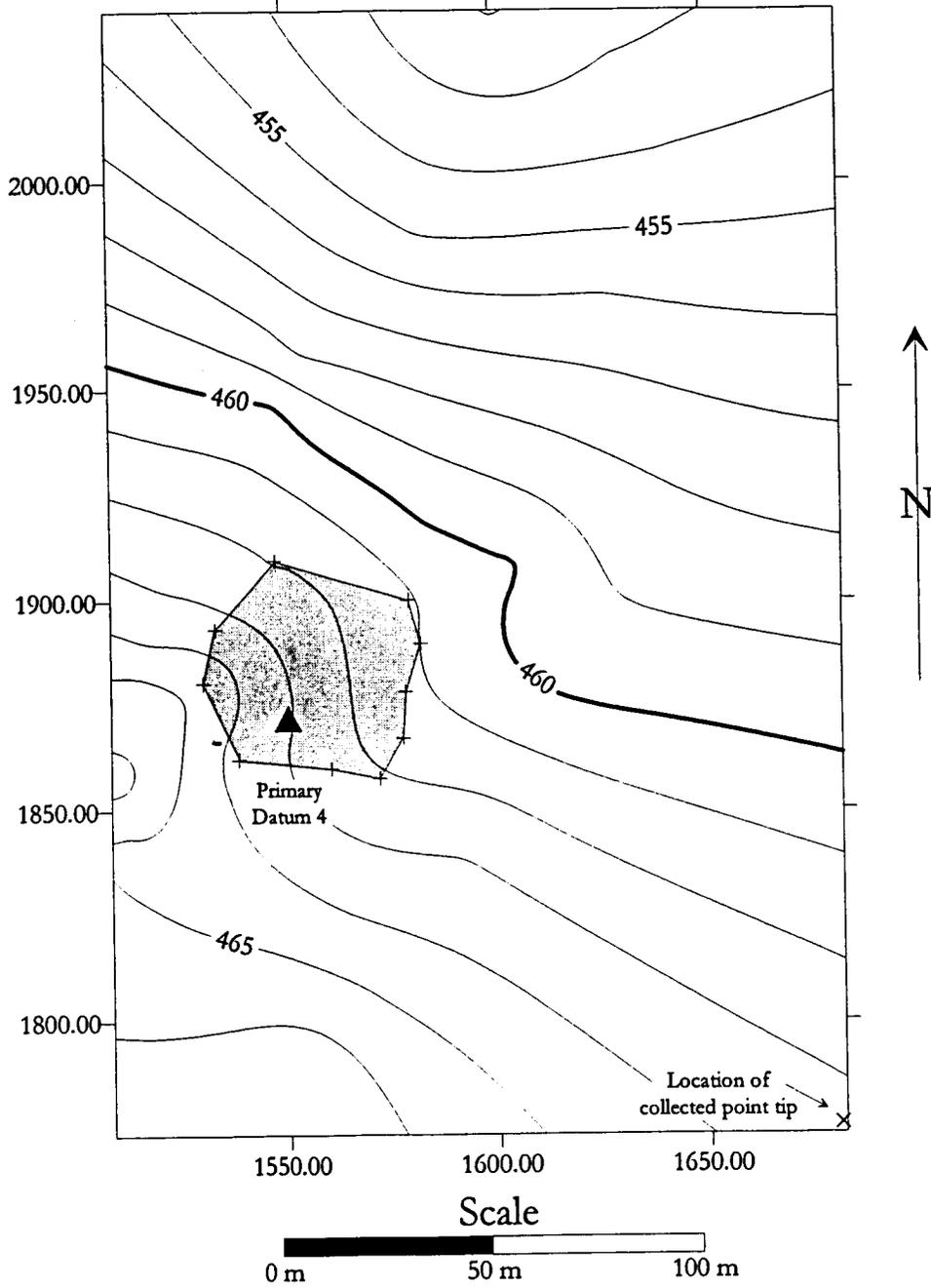
**Nat. Register Status: Not Significant**

Justification: Site lacks depth potential and context integrity. This site does not meet the standards for significance under criterion d established in 36 FR 60.6.

**Recommendation: Avoidance.**

# MAP 17: SITE 42DC 1163

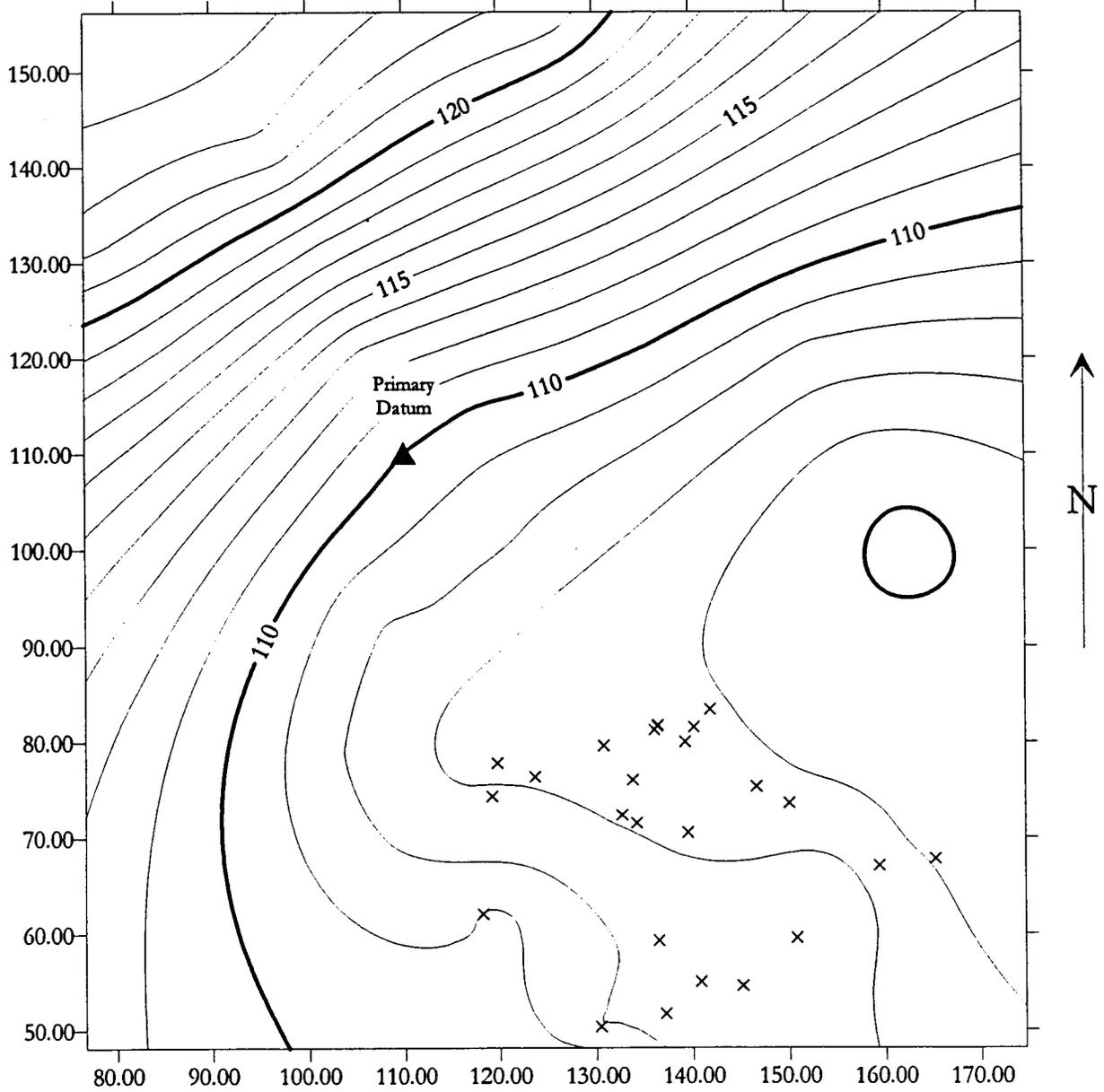
28



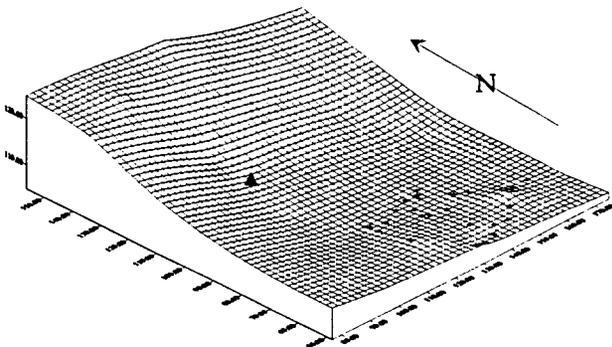
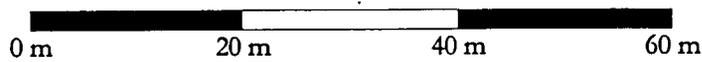
### Legend

- ▲ Datum Location
- × Artifact Location
- Extent of Site

# MAP 18: SITE 42DC 1164



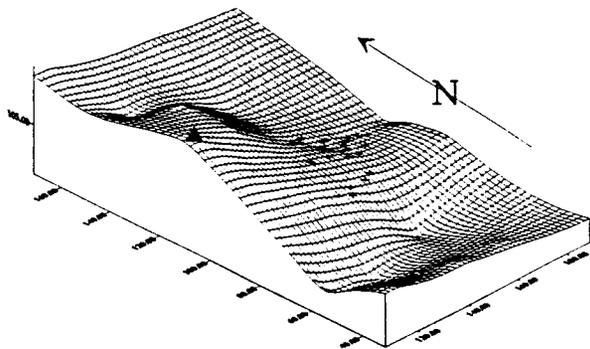
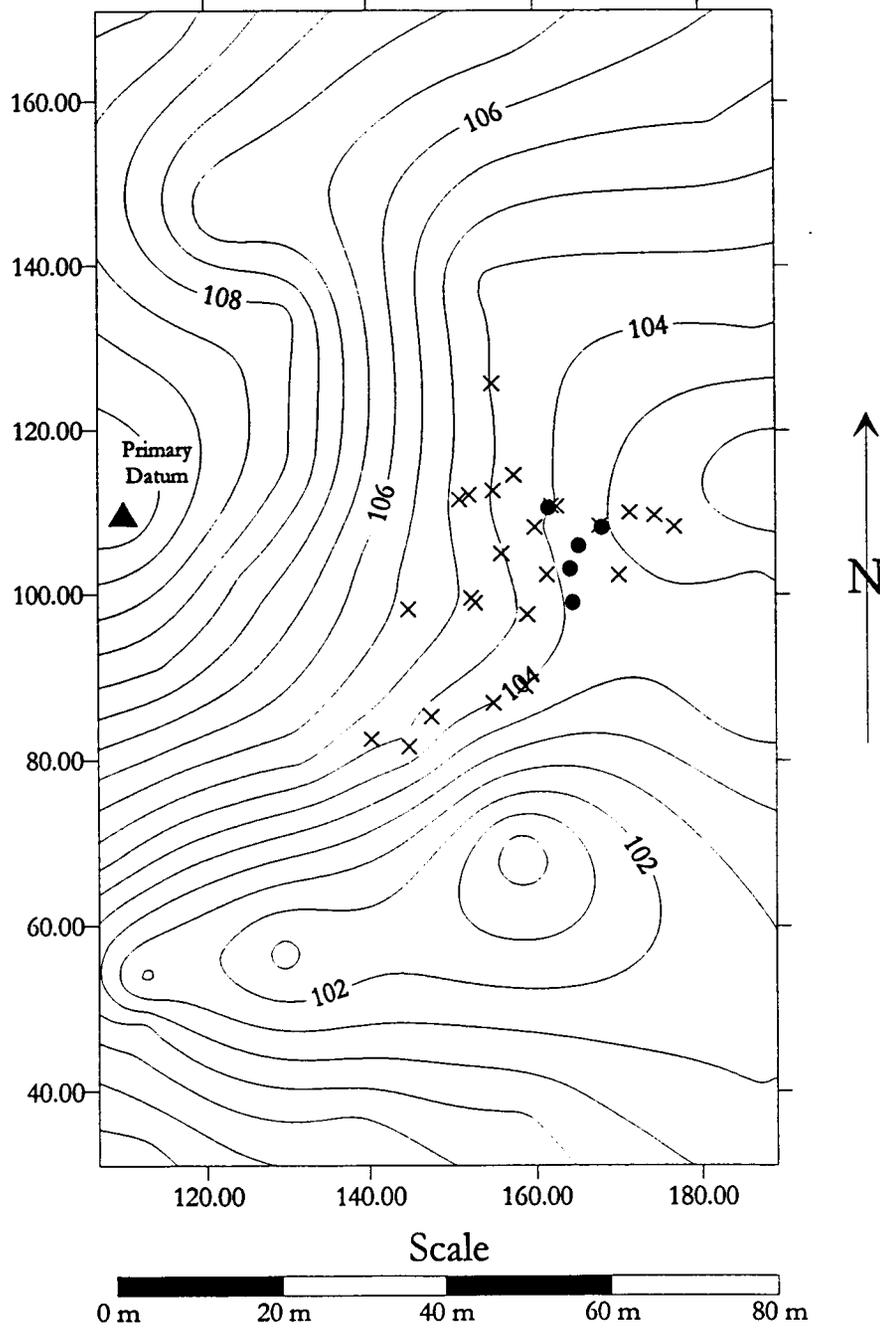
Scale



Legend

- ▲ Primary Datum
- × Artifact Location

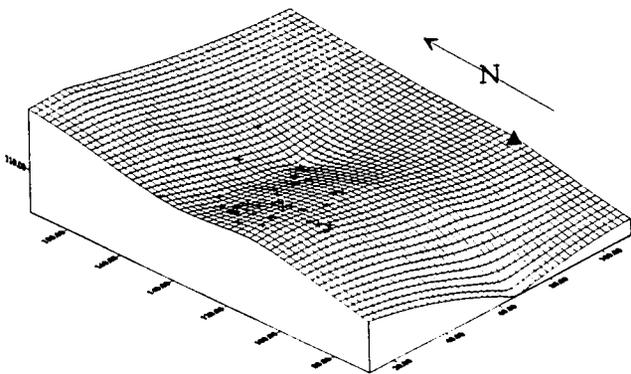
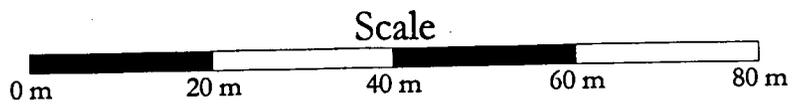
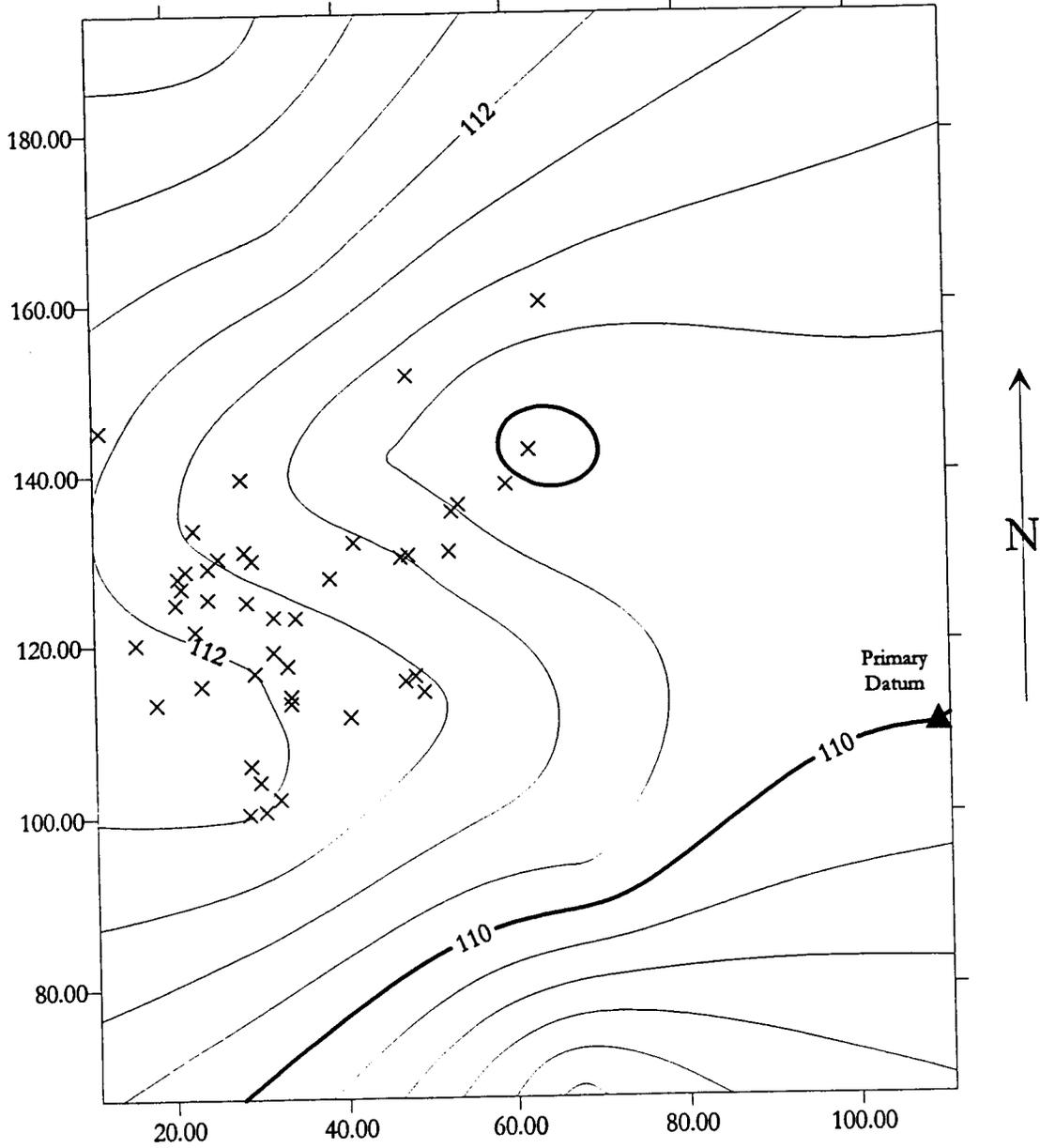
# MAP 19: SITE 42DC 1165



## Legend

- ▲ Primary Datum
- × Artifact Location
- Feature

# MAP 20: SITE 42DC 1166



## Legend

- ▲ Primary Datum
- × Artifact Location

**Site 42DC 1171 (see Maps 2 and 21)**

Site 42DC 1171 consists of a limited scatter of lithic around and below a low sandstone ledge on a hill slope. Artifacts recorded at the site consist a few flakes of lithic debitage and two discrete concentrations of oxidized sandstone fragments. The site possesses marginal depth potential. No diagnostic artifacts were observed on the site.

**Nat. Register Status: Not Significant**

Justification: Site lacks depth potential and context integrity. This site does not meet the standards for significance under criterion d established in 36 FR 60.6.

**Recommendation: Avoidance.**

**Site 42DC 1174 (see Maps 5 and 22)**

Site consists of an open occupation and lithic scatter located on a low bench. Artifacts include an Elko Eared or Pinto dart point (see Figure 3B) and a number of unifaces, bifaces (see Figure 3A), preforms and other tools. Lithic debitage includes waste from all stages of tool manufacture and reduction. The dominant lithic material type is parachute creek chert, which is commonly found in this locality as float. Site 42DC 1174 is probably related with nearby Site 42DC 1175.

**Nat. Register Status: Significant**

Justification: Site contains depth potential and context integrity. This site meets the standards for significance under criterion d established in 36 FR 60.6.

**Recommendation: Avoidance during any surface development related to Unit 5-22.**

**Site 42DC 1175 (see Maps 6 and 23)**

Site consists of a prehistoric lithic scatter located in a sandy swale above the drainage and flood plain. The scatter is roughly elliptical in configuration and very large occupying an area about 200 meters in length. A Rocker Side-notched dart point (see Figure 3C) was collected from the site. This variety of dart point was utilized during the Middle Archaic stage of occupation on the Colorado Plateau and Wasatch Plateau. No features were observed or recorded on this site. Isolate 1598R/x1 (see Figure 5D), an early Paleoindian projectile point probably of the Midland variety, was collected outside this site's northern periphery. Site 42DC 1175 is probably related with nearby Site 42DC 1174.

**Nat. Register Status: Significant**

Justification: Site contains depth potential and context integrity. This site meets the standards for significance under criterion d established in 36 FR 60.6.

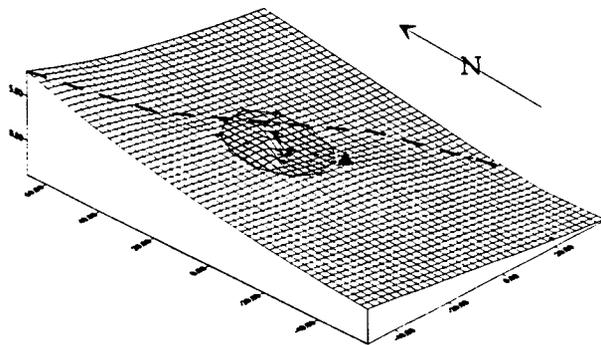
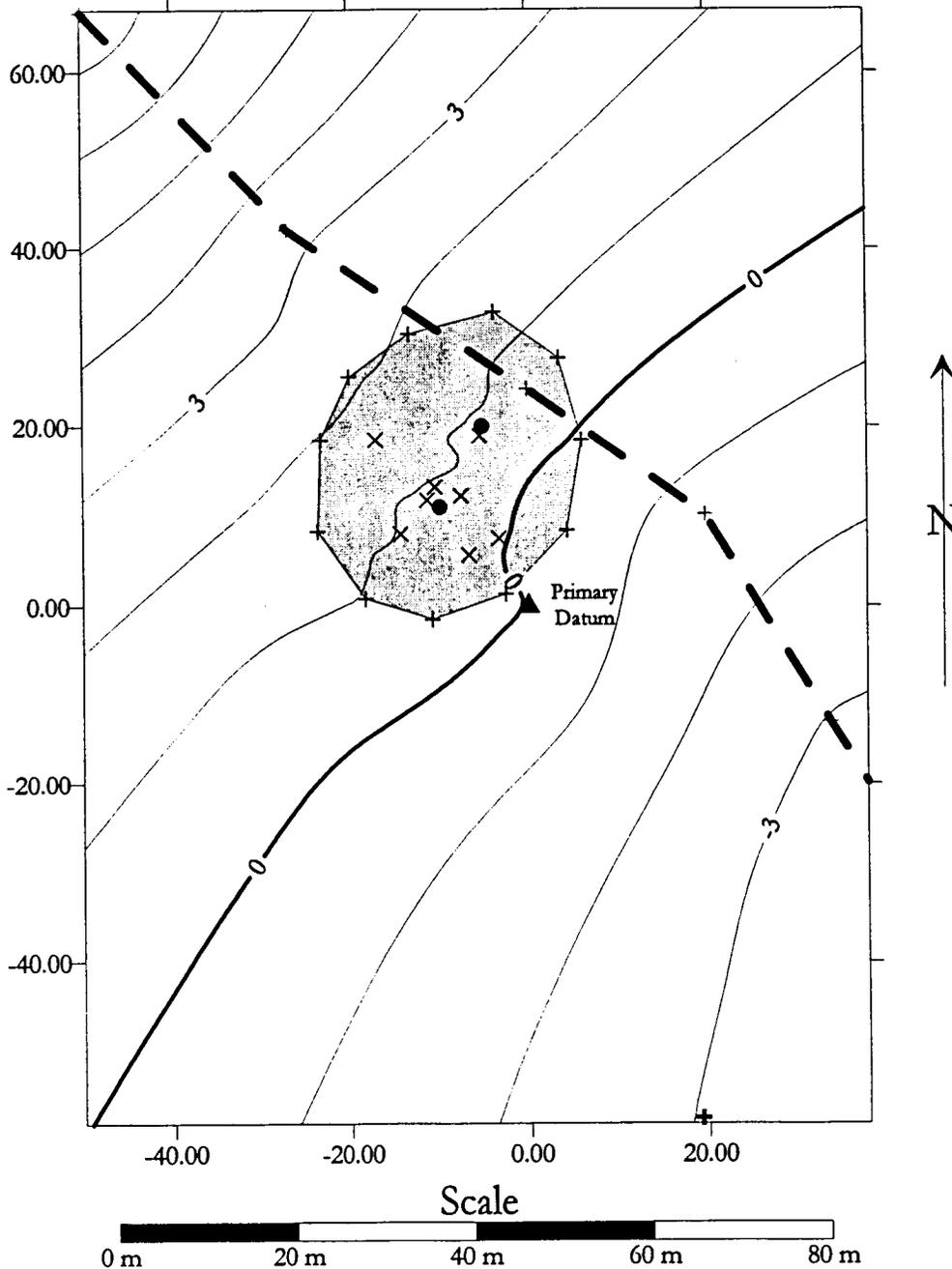
**Recommendation: Avoidance during any surface development related to Unit 5-22.**

**Site 42DC 1176 (see Map 6)**

Site consists of a small lithic scatter situated on the south bench above a large ephemeral drainage. The scatter is composed of five flakes and four expediency tools all of which probably represent a single use locus. No features were noted.

**Nat. Register Status: Not Significant**

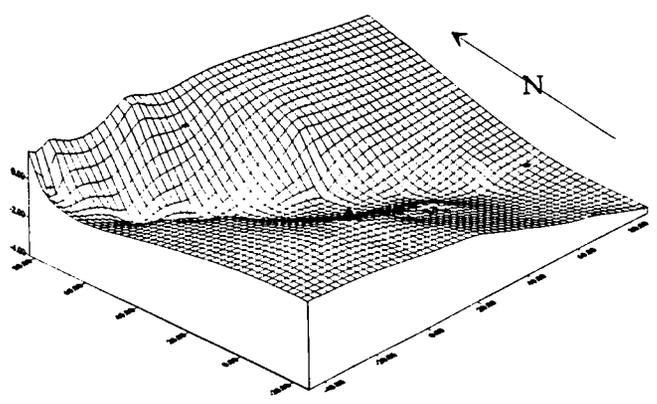
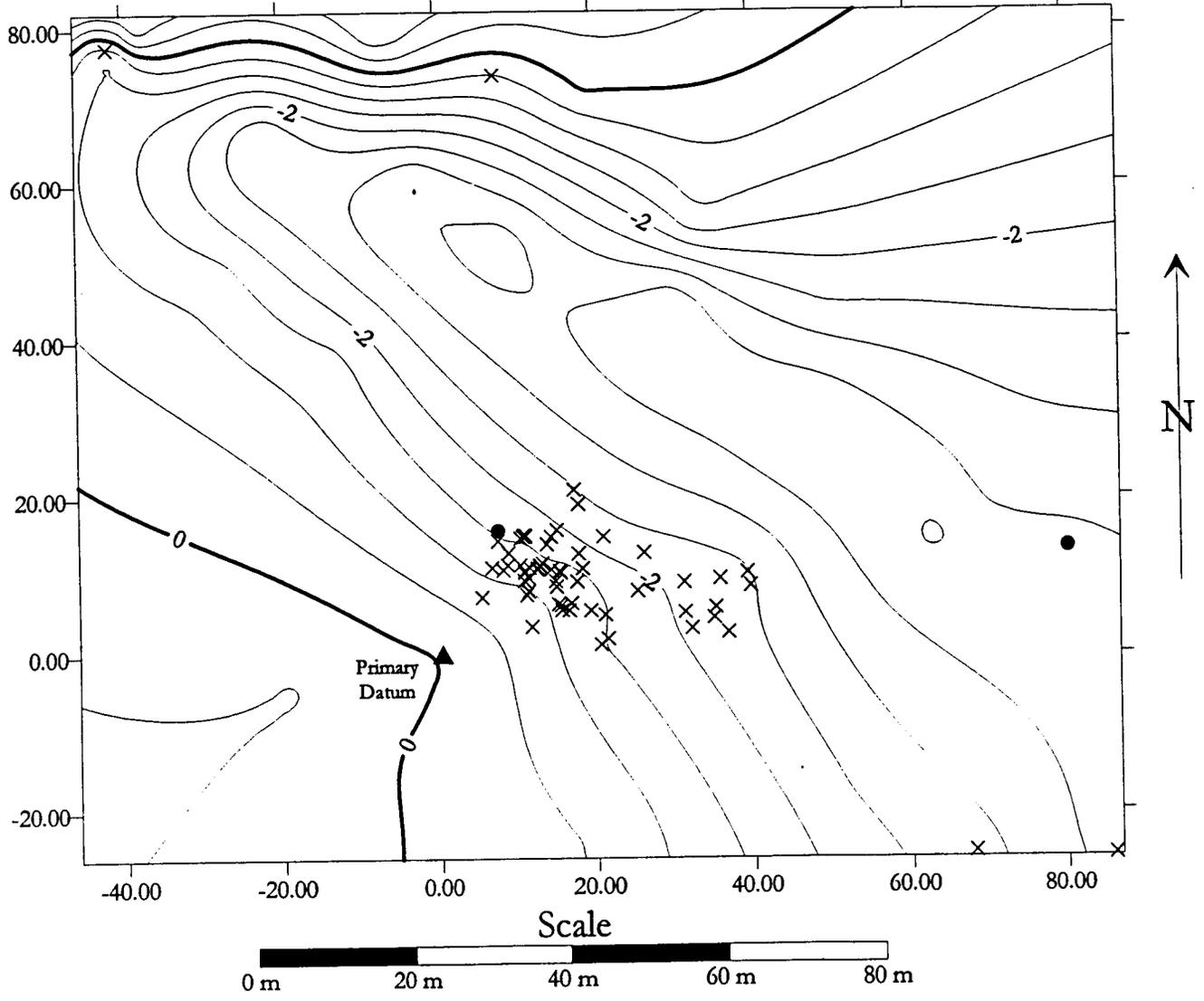
# MAP 21: SITE 42DC 1171



## Legend

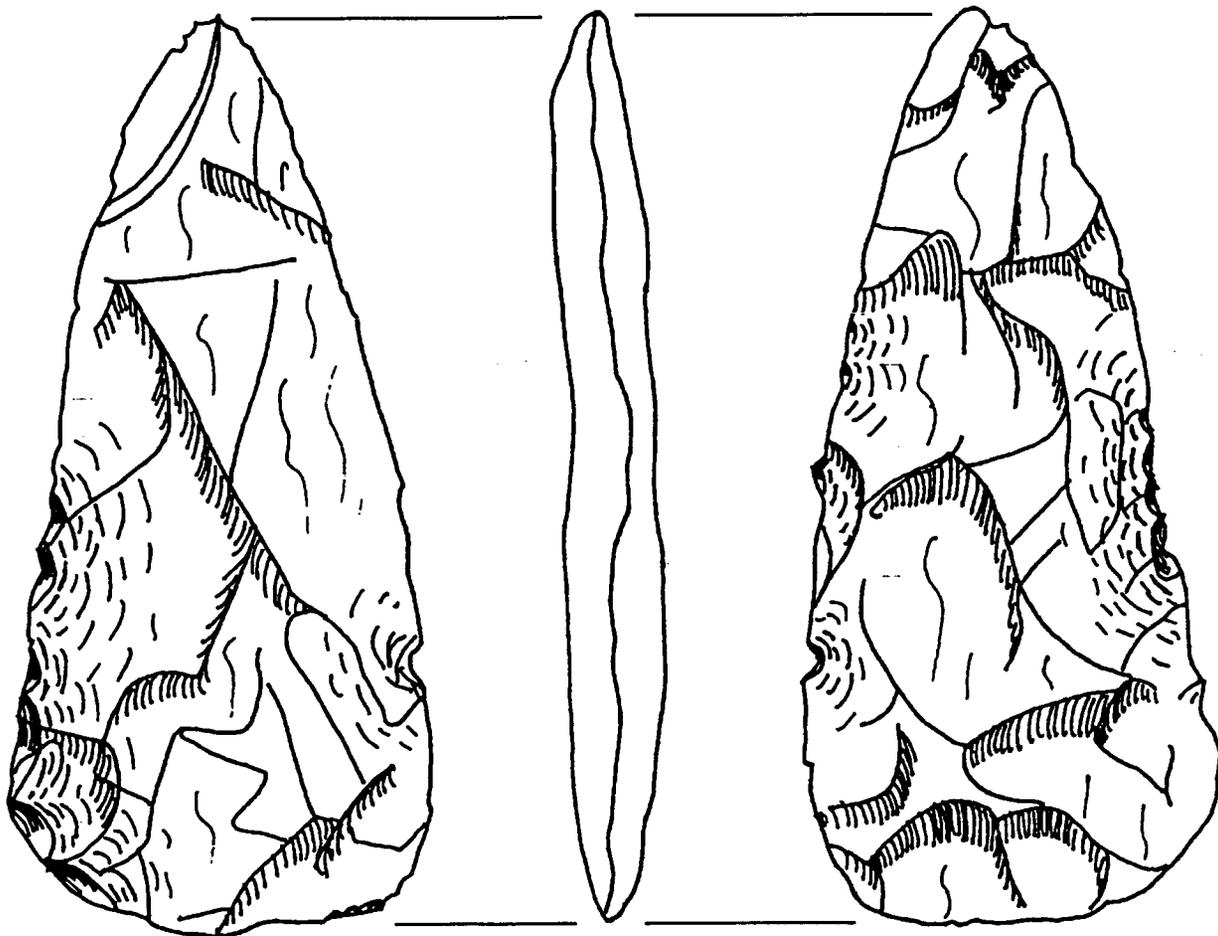
- ▲ Primary Datum
- × Artifact Location
- Hearth
- ⊕ Well-head Location
- - - Access Road
- Extent of Site

# MAP 22: SITE 42DC 1174



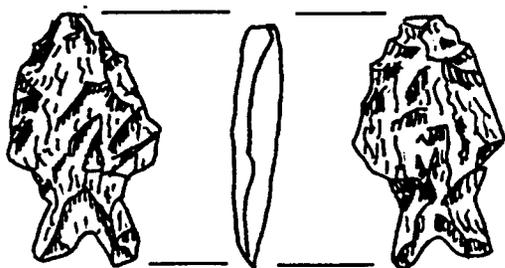
### Legend

- ▲ Primary Datum
- × Artifact Location
- Hearth



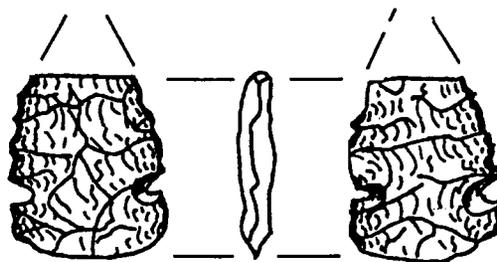
**A**

**42DC 1174  
(FS-1033)**



**B**

**42DC 1174  
(FS-1002)**

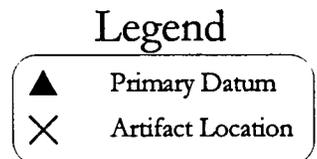
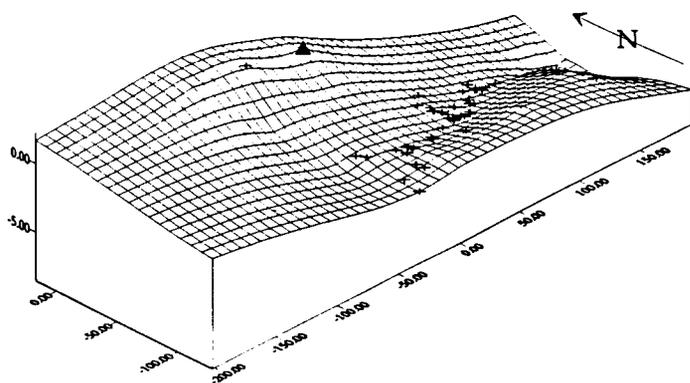
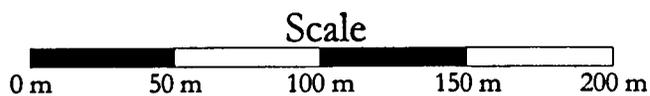
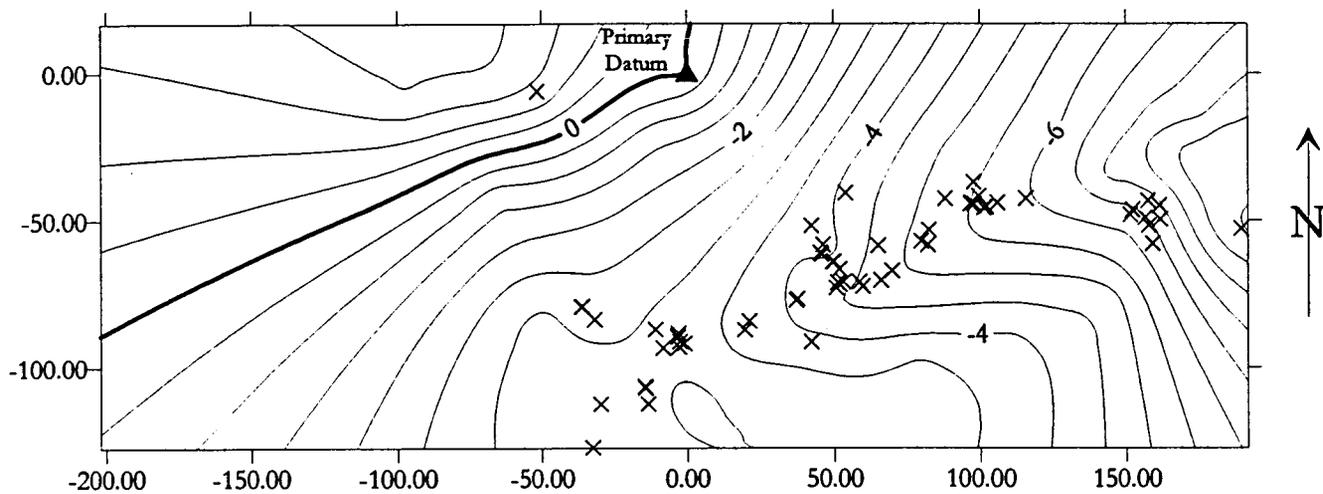


**C**

**42DC 1175  
(FS-1038)**

**FIGURE 3**

# MAP 23: SITE 42DC 1175



Justification: Site lacks depth potential and context integrity. This site does not meet the standards for significance under criterion d established in 36 FR 60.6.

**Recommendation: Avoidance.**

**Site 42DC 1177 (see Maps 4 and 24)**

This site consists of a dispersed lithic scatter of Parachute Creek Chert flakes, all highly patinated, lying on an eroded, hardpan clay, surface between a major drainage on the north and the stabilized dune complex associated with the mesa above and to the south. Debitage is mainly primary and secondary flakes of the tap and test or expediency tool manufacture variety.

**Nat. Register Status: Not Significant**

Justification: Site lacks depth potential and context integrity. This site does not meet the standards for significance under criterion d established in 36 FR 60.6.

**Recommendation: Avoidance.**

**Site 42UN 2532 (see Map 4)**

The site consists of a diffuse scatter of lithic debitage, cores and bifaces or choppers. The majority of artifacts are of the tap-and-test variety of cores and primary flakes. The entire site area, which covers about 50 to 60 acres, is littered with artifacts and lithic materials and may have served as a lithic resource locus for the area.

**Nat. Register Status: Not Significant**

Justification: Site lacks depth potential and context integrity. This site does not meet the standards for significance under criterion d established in 36 FR 60.6.

**Recommendation: Avoidance.**

**Site 42UN 2533 (see Maps 4 and 25)**

This site consists of a diffuse scatter of lithic debitage, cores, one biface and numerous scatters of oxidized and fire cracked rock. Two discreet, deflated hearth scatters were noted. Most debitage was noted in blowouts in thin sand deposits over bedrock. Some artifacts appear to be in original context, but little depth was noted.

**Nat. Register Status: Not Significant**

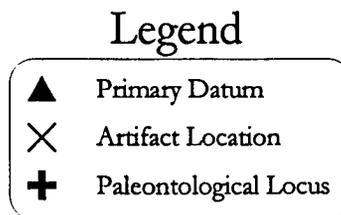
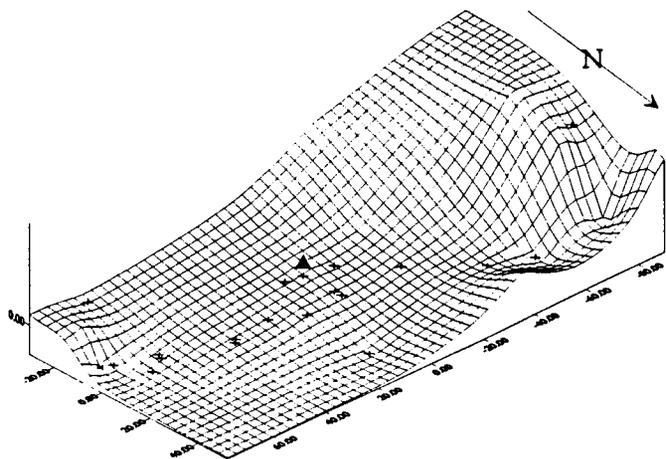
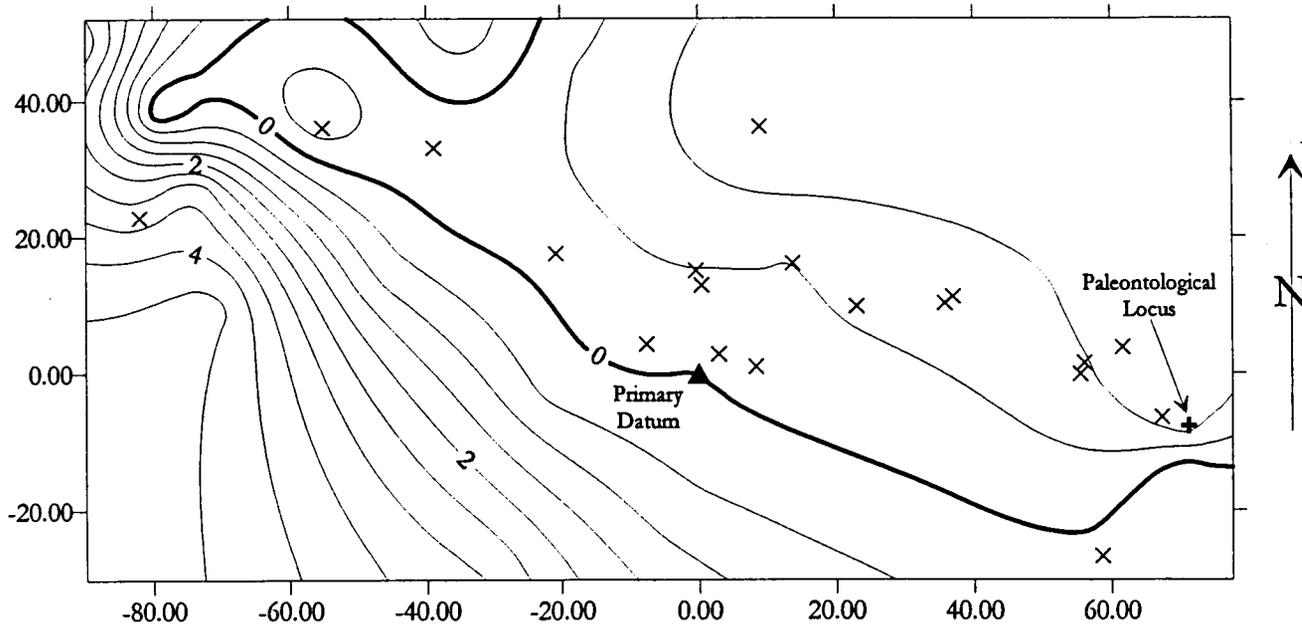
Justification: Site lacks depth potential and context integrity. This site does not meet the standards for significance under criterion d established in 36 FR 60.6.

**Recommendation: Avoidance.**

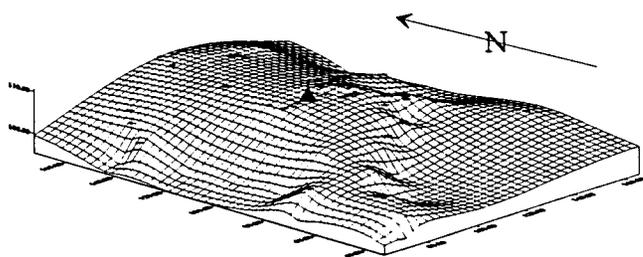
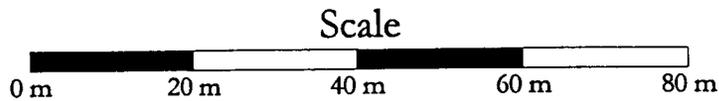
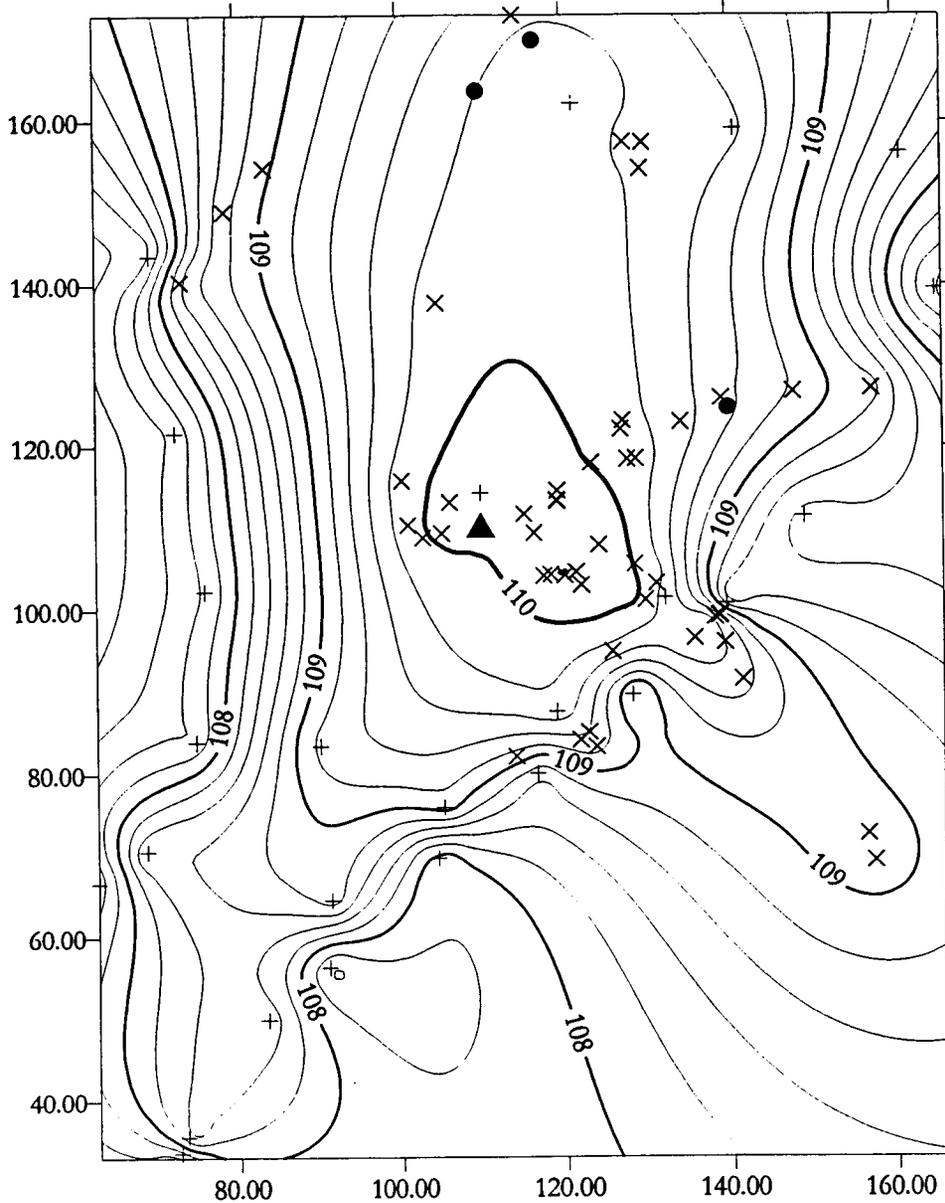
**Site 42UN 2534 (see Maps 4 and 26)**

The site consists of a shallow rock shelter/alcove with a scatter of oxidized stone leading from the shelter across a sandstone ledge bench. A diffuse scatter of lithic debitage, cores and bifaces or choppers also extends from the shelter area to the lip of the ledge. Erosion has removed all of the shelter deposits, and little of the bench contexts are intact. This site is part of an Archaic

# MAP 24: SITE 42DC 1177



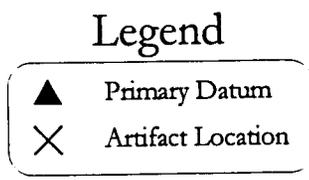
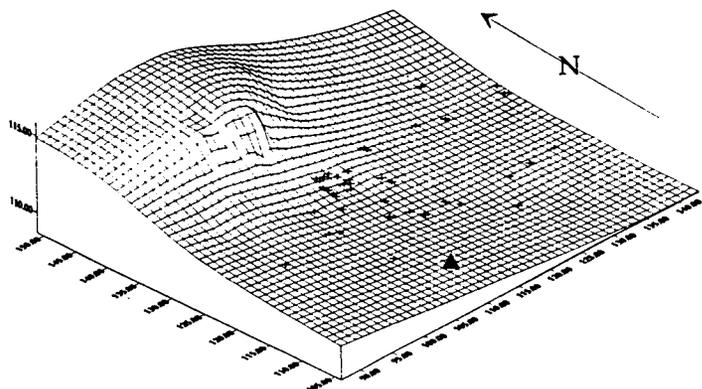
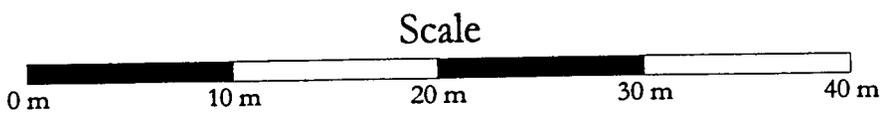
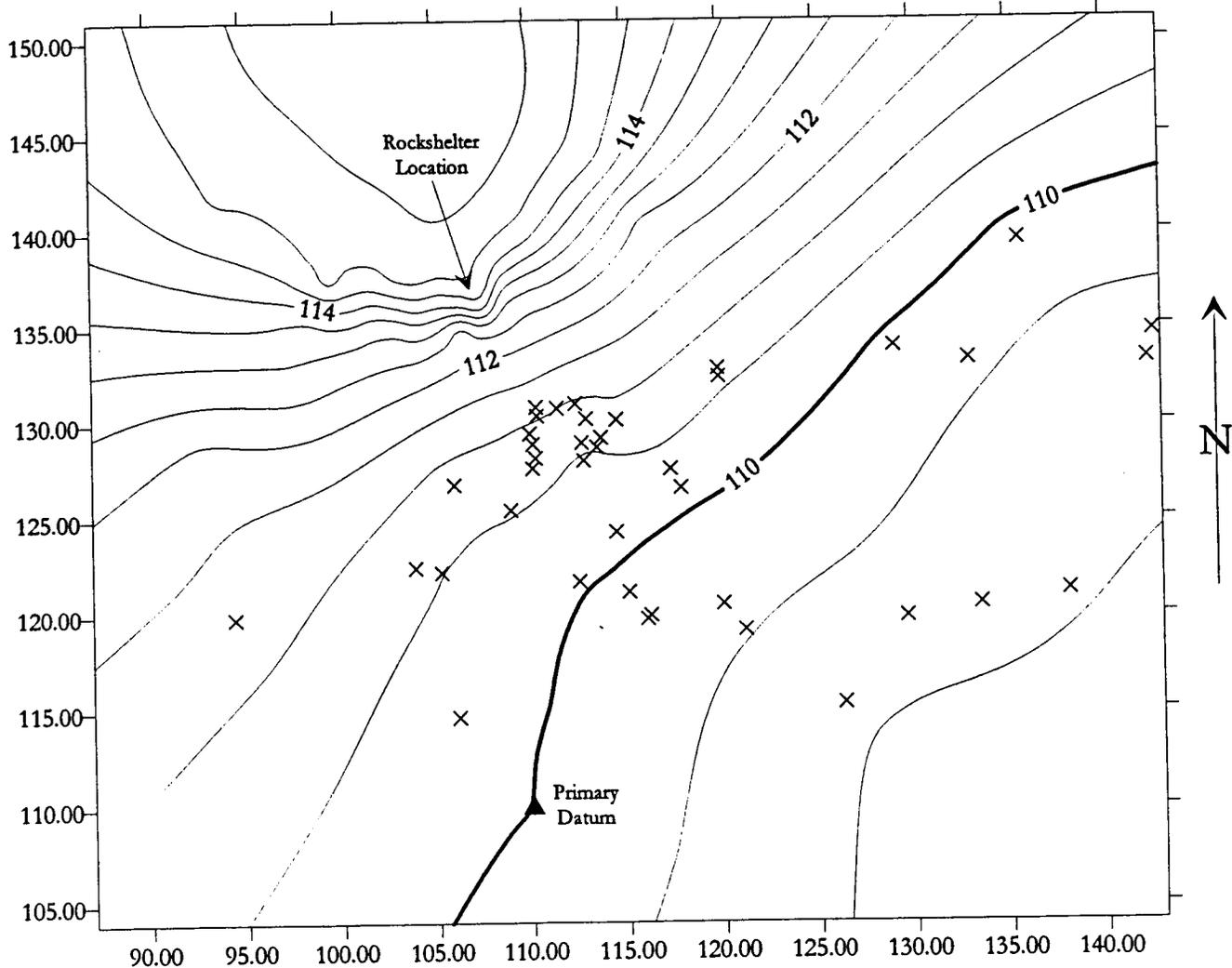
# MAP 25: SITE 42UN 2533



## Legend

- ▲ Primary Datum
- × Artifact Location
- Hearth

# MAP 26: SITE 42UN 2534



large game hunting/kill/butchering/roasting complex that includes 42UN 2535, 2536, and 2537.

**Nat. Register Status: Not Significant**

**Justification:** Site lacks depth potential and context integrity. This site does not meet the standards for significance under criterion d established in 36 FR 60.6.

**Recommendation: Avoidance.**

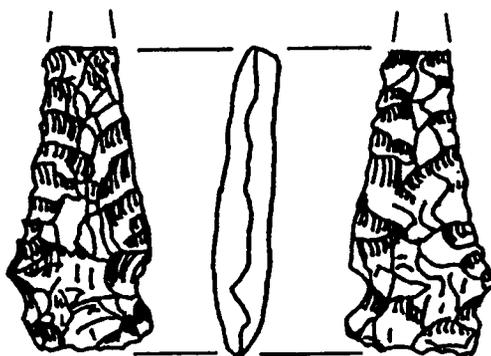
**Site 42UN 2535 (see Maps 4 and 27)**

The site consists of a lithic scatter containing chipped stone tools and debitage. There are spatially delimited concentrations of tools, secondary flakes and tertiary flakes, while decortication flakes, cores and choppers are diffuse throughout the site. The primary lithic material is Parachute Creek chert with some quartzite and a fine grained grey chert. Most artifacts are heavily patinated, suggesting great age. Preliminary evaluations suggest that this is a special use site such as a kill/butcher locus since artifacts are so tightly clustered with most of the bifaces concentrated in a small (2 x 2 meter) areas. This site is part of an Archaic large game hunting/kill/butchering/roasting complex that includes 42UN 2534, 2536, and 2537.

**Nat. Register Status: Significant**

**Justification:** Site contains depth potential and context integrity. This site meets the standards for significance under criterion d established in 36 FR 60.6.

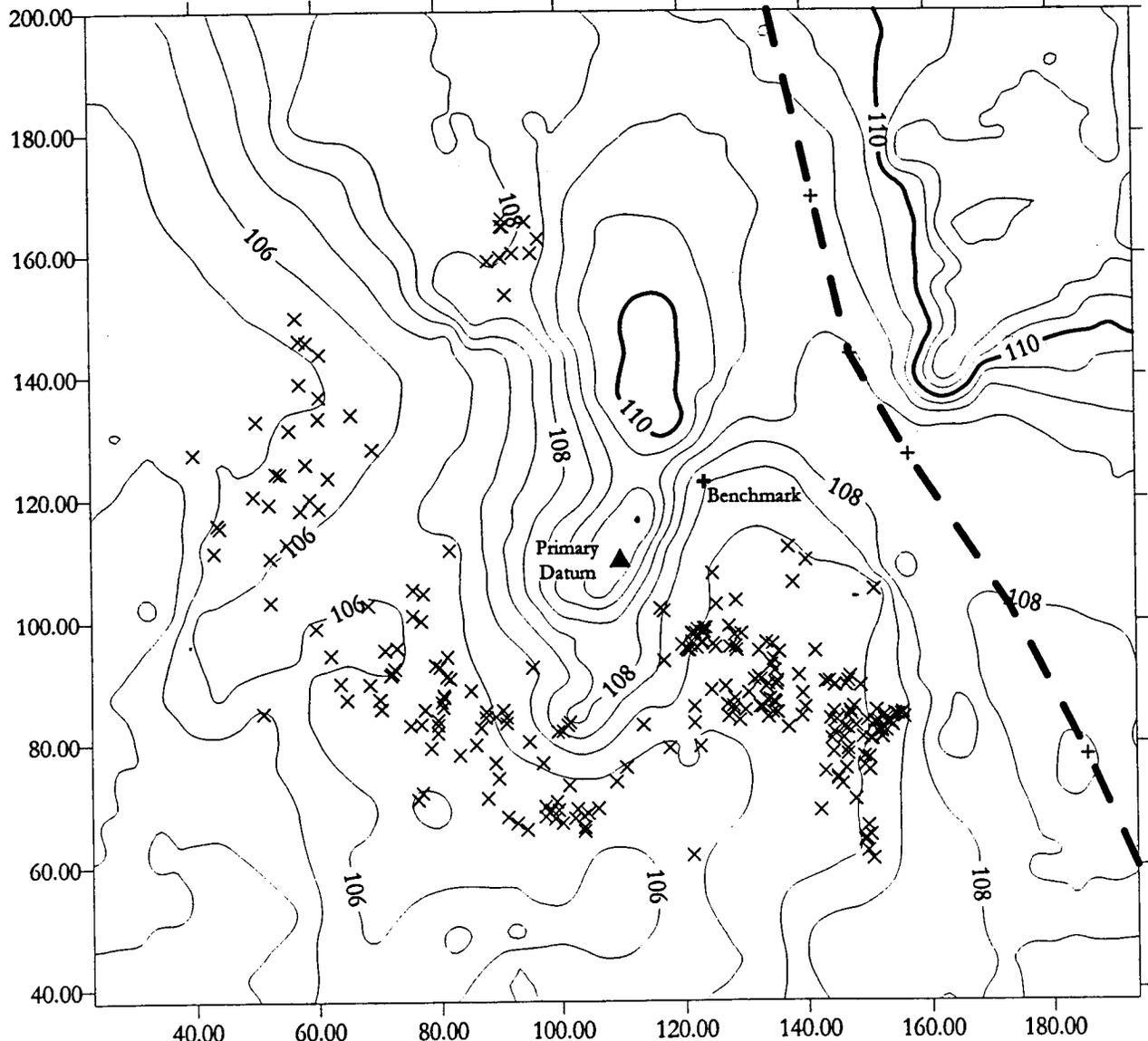
**Recommendation: Avoidance during any surface development related to Unit 7-35.**



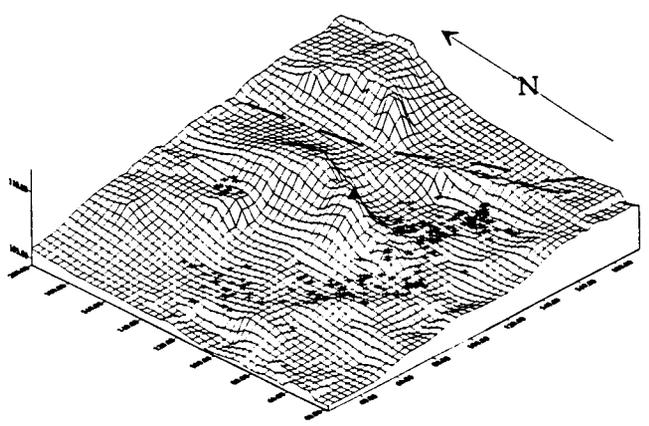
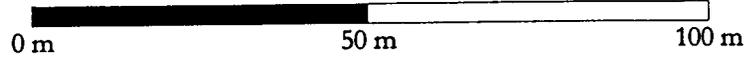
42UN 2535

**FIGURE 4**

# MAP 27: SITE 42UN 2535



Scale



## Legend

- ▲ Datum Location
- × Artifact Location
- ⊕ Benchmark
- - - Access Road

**Site 42UN 2536 (see Maps 4 and 28)**

The site consists of a lithic scatter containing chipped stone tools and debitage. The primary lithic material is Parachute Creek chert with some quartzite and a fine grained brown chert. Several chopping tools are present, but no diagnostics were observed. This site is part of an Archaic large game hunting/kill/butchering/roasting complex that includes 42UN 2534, 2535, and 2537.

**Nat. Register Status: Not Significant**

Justification: Site lacks depth potential and context integrity. This site does not meet the standards for significance under criterion d established in 36 FR 60.6.

**Recommendation: Avoidance.**

**Site 42UN 2537 (see Maps 4 and 29)**

This site is an open occupation and lithic scatter consisting of several concentrations of oxidized stone, one intact roasting hearth, and a diffuse scatter of lithic debitage, cores and bifaces or choppers. Occupational debris is revealed in a linear pattern in blowouts within and alongside a large dune field. This site is part of an Archaic large game hunting/kill/butchering/roasting complex that includes 42UN 2534, 2535, and 2536.

**Nat. Register Status: Significant**

Justification: Site contains depth potential and context integrity. This site meets the standards for significance under criterion d established in 36 FR 60.6.

**Recommendation: Avoidance during any surface development related to Units 1-35, 2-35, and 7-35.**

**Site 42UN 2538 (see Maps 4 and 30)**

This site consists of a shallow two chambered rock shelter in a sandstone outcrop overlooking a broad drainage to the south. Erosional activity has scoured the shelter, but plenty of debitage, tools and oxidized, heat-cracked rock are visible on the slope and eroding from the sand dunes below.

**Nat. Register Status: Significant**

Justification: Site contains depth potential and context integrity. This site meets the standards for significance under criterion d established in 36 FR 60.6.

**Recommendation: Avoidance during any surface development related to Unit 9-35.**

**Site 42UN 2552 (see Maps 4 and 31)**

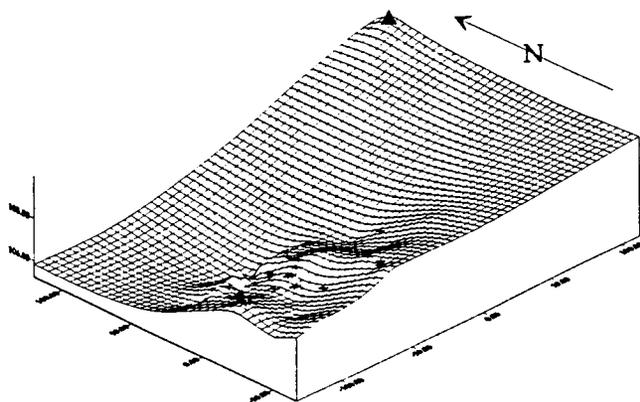
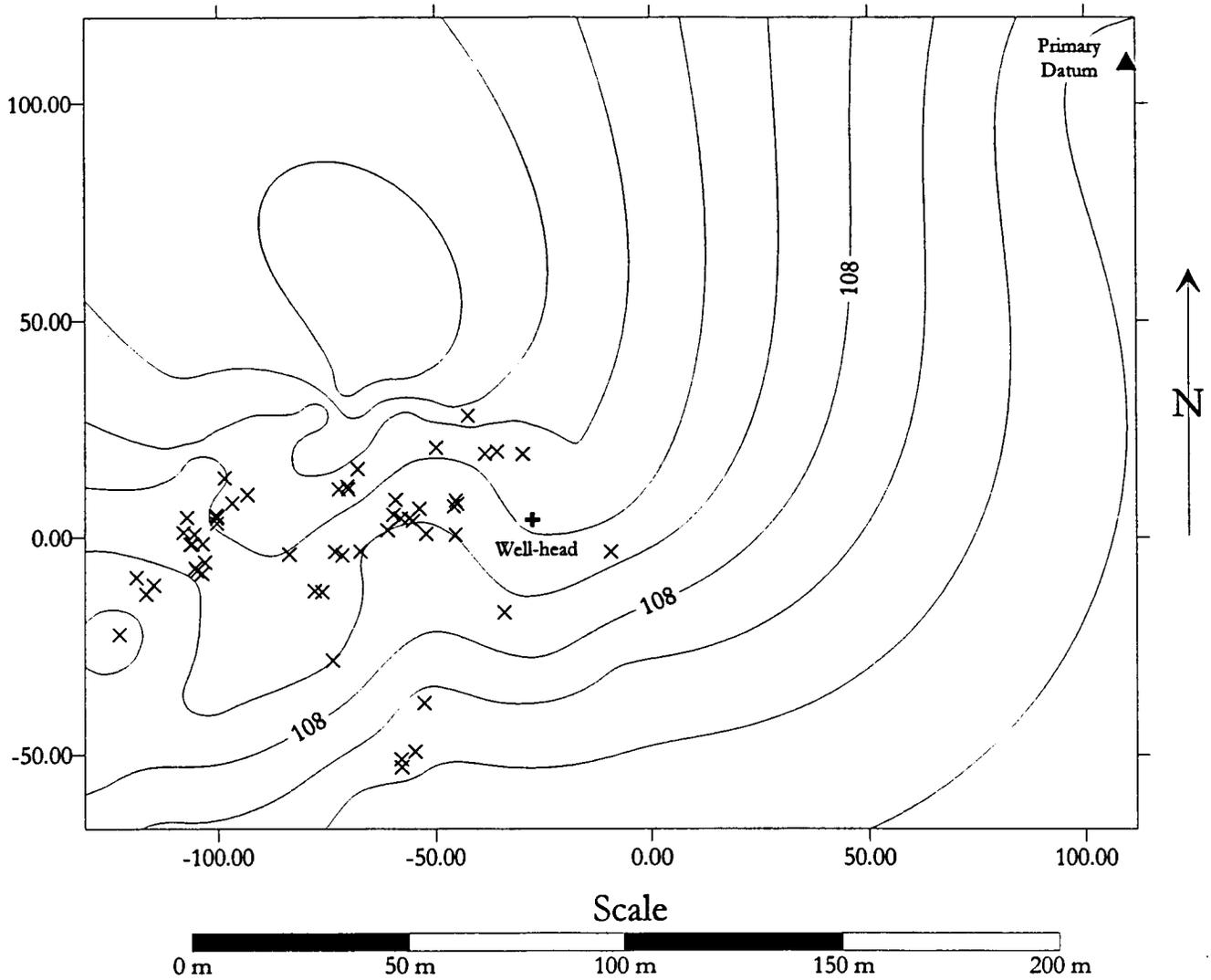
This site consists of a rock shelter in a sandstone ledge complex overlooking a broad drainage to the south. Erosional activity has resulted in the collapse of much of the roof over the shelter effectively sealing the context. Reduction debitage and tools are being exposed within the rock shelter and its associated deposition area.

**Nat. Register Status: Significant**

Justification: Site contains depth potential and context integrity. This site meets the

# MAP 28: SITE 42UN 2536

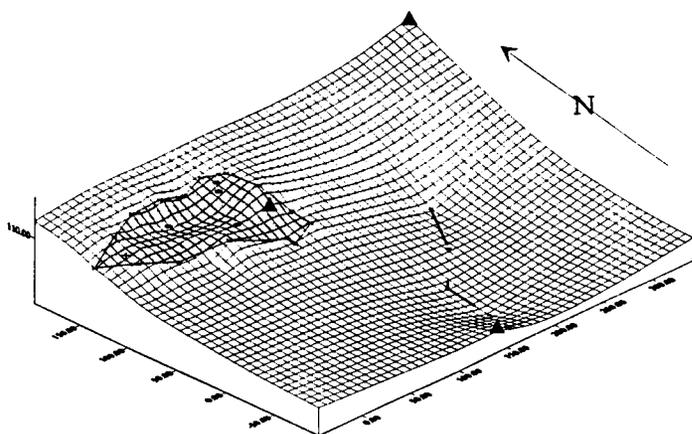
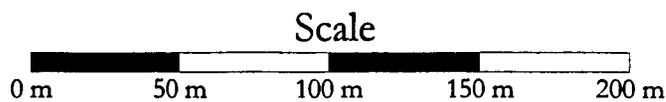
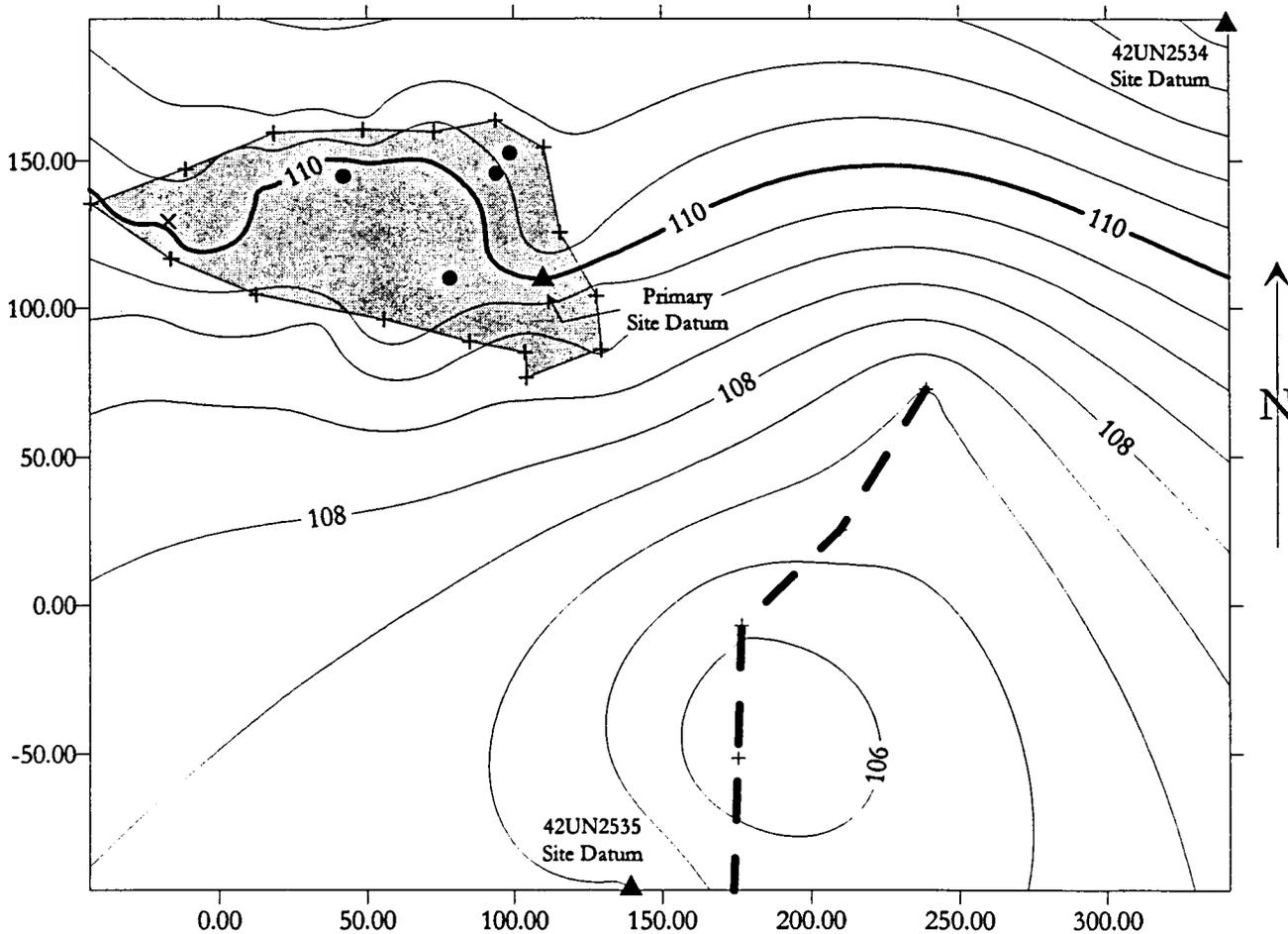
44



### Legend

- ▲ Primary Datum
- × Artifact Location
- + Well-head Location

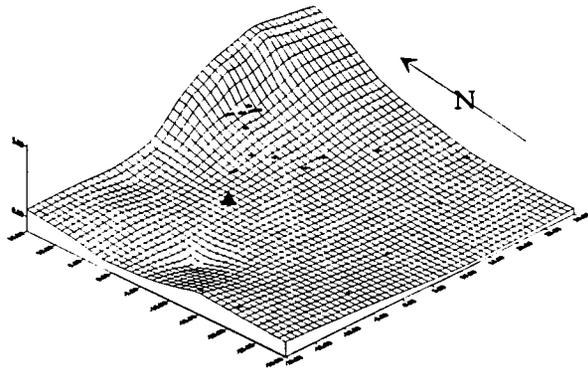
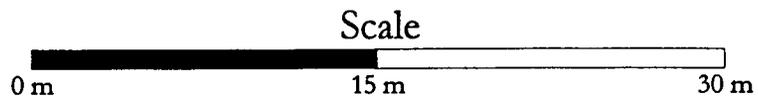
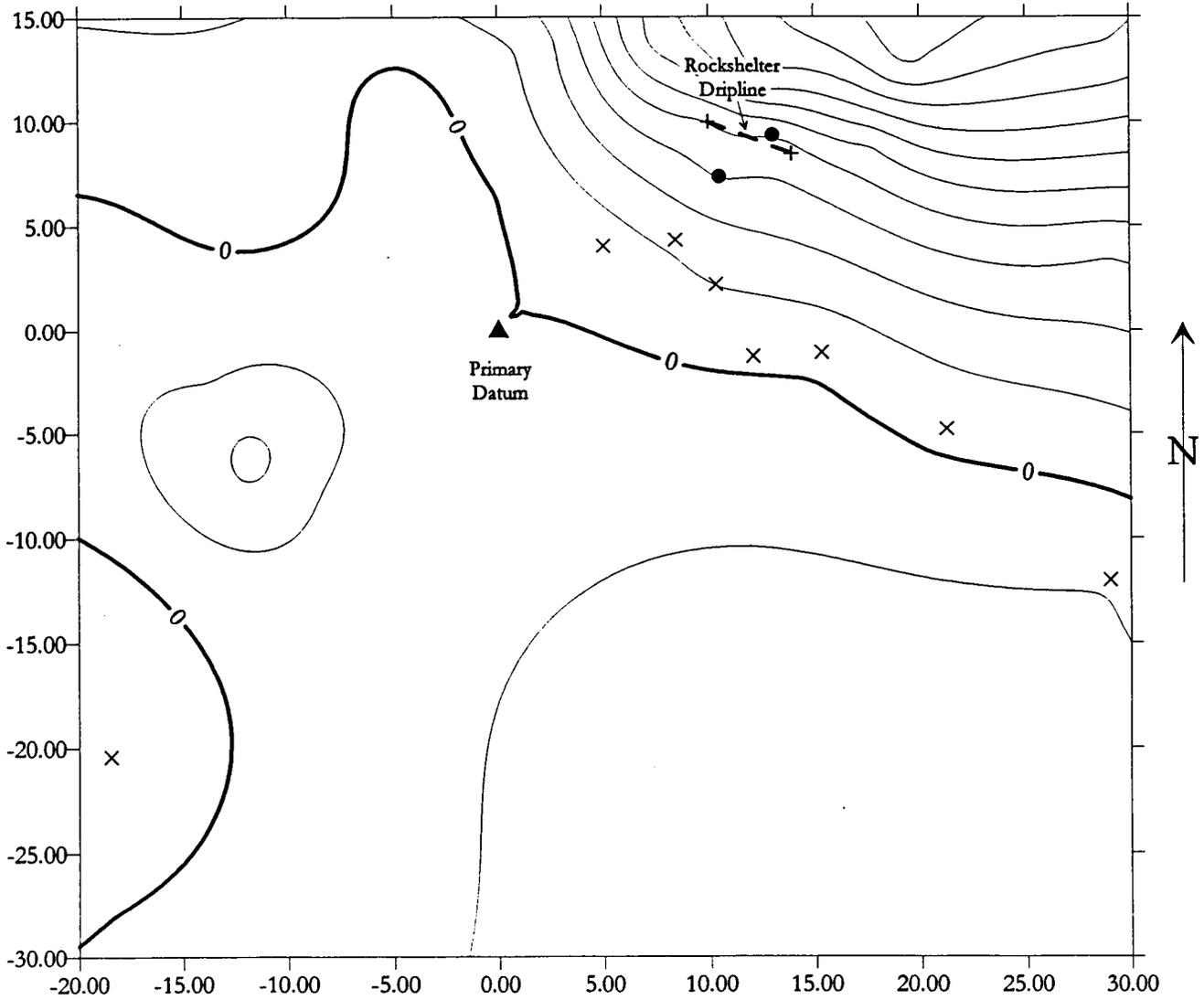
# MAP 29: SITE 42UN 2537



## Legend

- ▲ Datum Location
- × Artifact Location
- Hearth Location
- Extent of Site
- - - Access Road

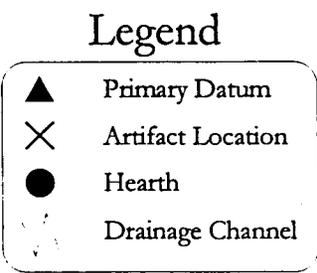
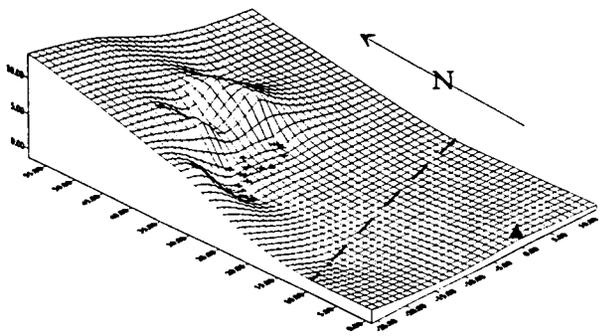
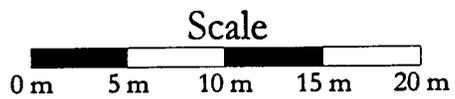
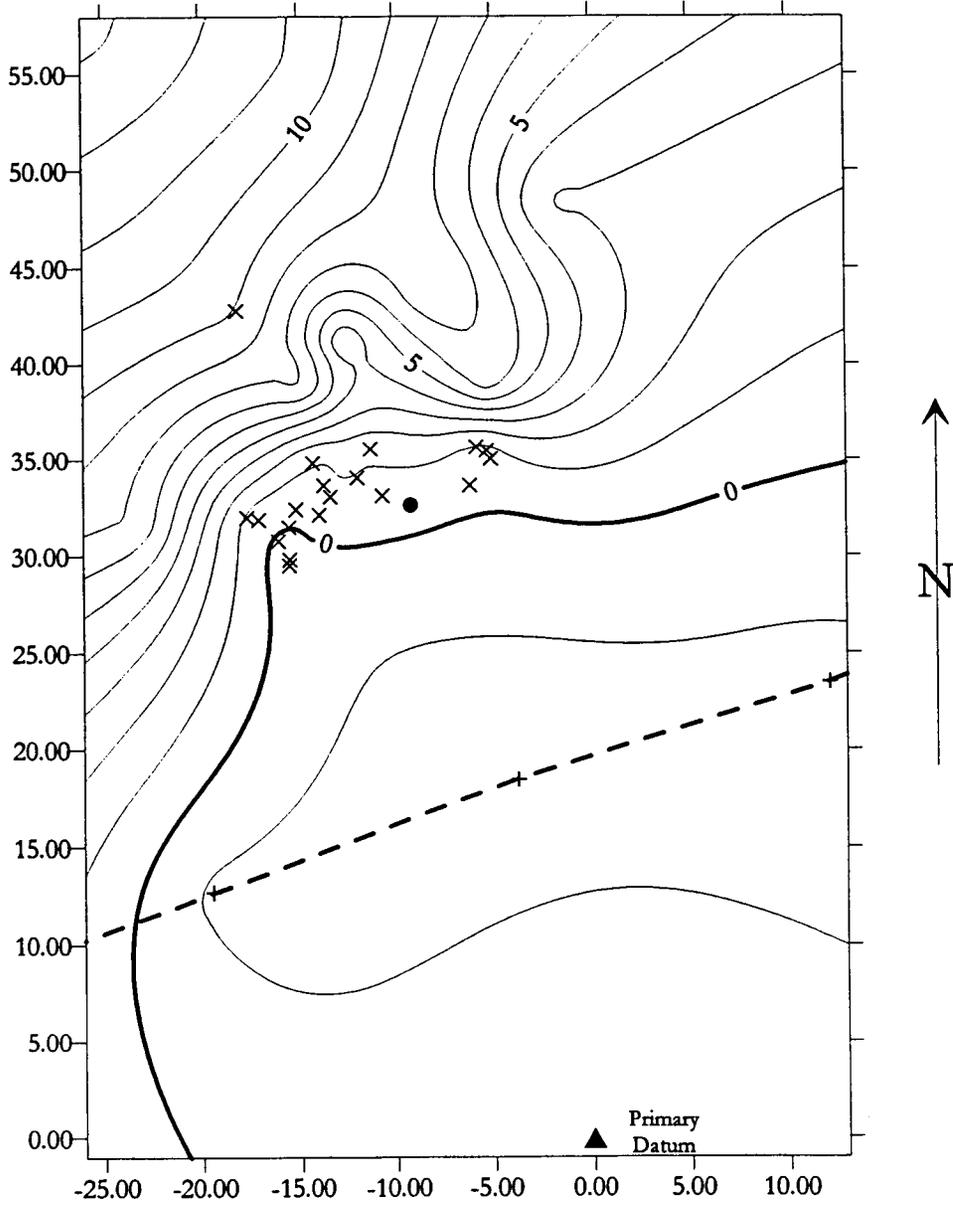
# MAP 30: SITE 42UN 2538



## Legend

- ▲ Primary Datum
- × Artifact Location
- Hearth Location

# MAP 31: SITE 42UN 2552



standards for significance under criterion d established in 36 FR 60.6.

**Recommendation: Avoidance during any surface development related to Unit 2-2.**

**Site 42UN 2566 (see Maps 4 and 32)**

This site is situated on a bench overlooking a wide drainage to the north. The site consists of a small scatter of lithic debitage, comprised mostly of Parachute Creek Chert, and three tools, also composed of Parachute Creek Chert. A fragment of oxidized sandstone was also noted at the site.

**Nat. Register Status: Not Significant**

**Justification:** Site lacks depth potential and context integrity. This site does not meet the standards for significance under criterion d established in 36 FR 60.6.

**Recommendation: Avoidance.**

**Isolated Artifacts**

A total of four isolated diagnostic artifacts was observed and recorded during the evaluations within these seven acreage tracts. A number of isolated tap and test flakes and discarded bifaces probably related to butchering episodes was also observed during the inventories; these artifacts were too numerous to warrant reporting.

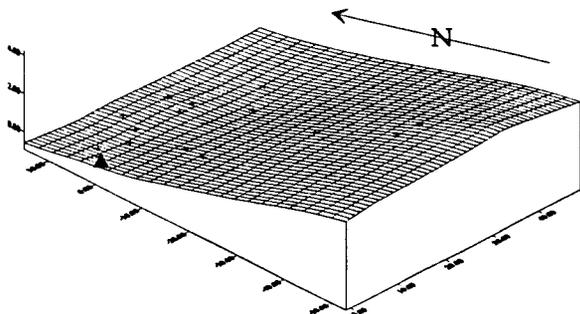
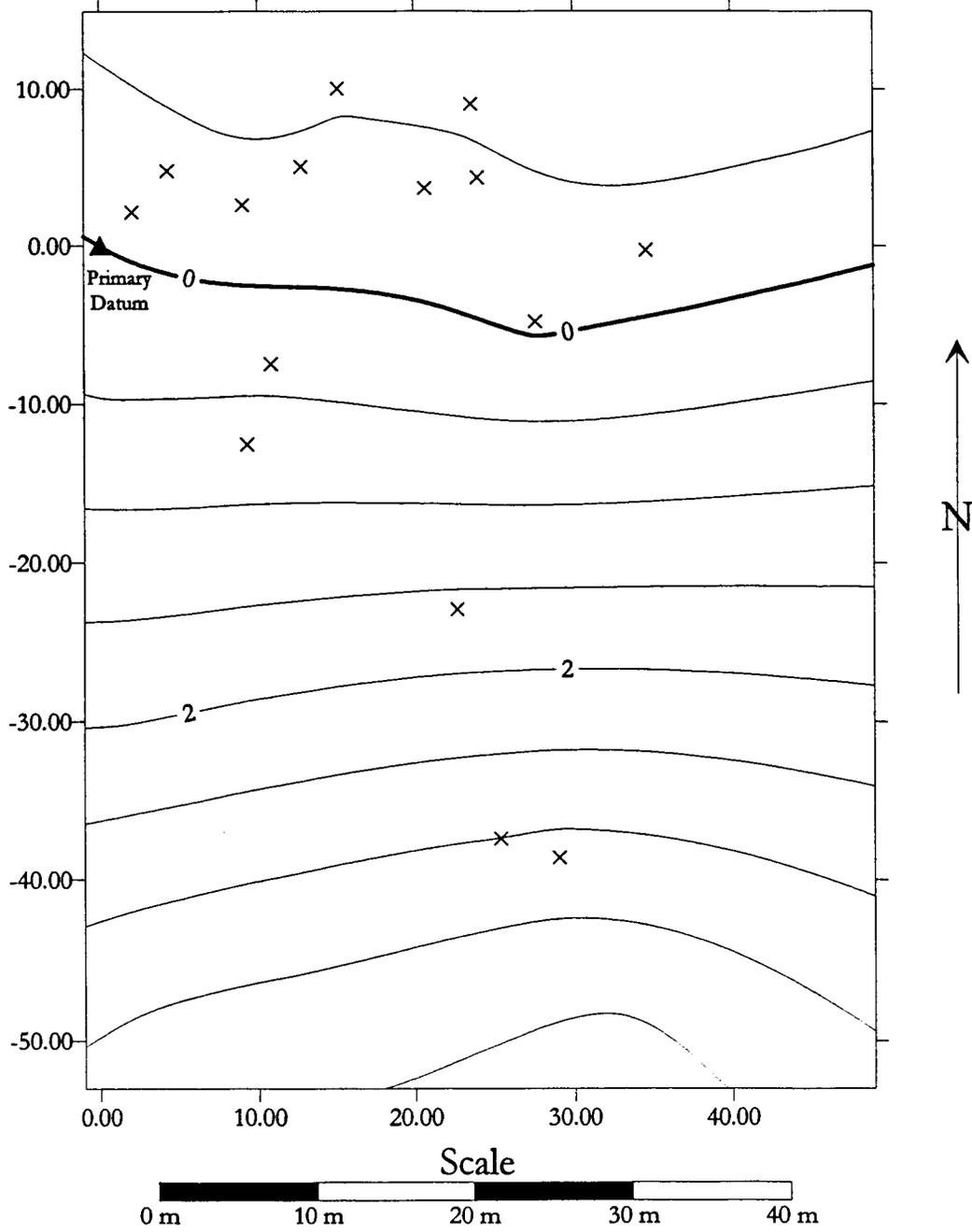
Isolated artifact **1598B/x1** (see Figure 5A) was collected in the southeast quarter of Section 3, Township 9 South, Range 16 East (see Map 3). It consists of a fragmented Paleoindian projectile point possibly of the Plainview variety. The base is missing so that it is not possible to determine the most pertinent diagnostics for this artifact. It was constructed from tan chert of unknown geological origin.

Isolated artifact **1598K/x2** (see Figure 5B) was collected in the southwest quarter of Section 2, Township 9 South, Range 16 East (see Map 3). It consists of a complete Archaic or late Paleoindian dart point manufactured from dark gray oolitic chert of unknown geological origin.

Isolated artifact **1598R/x1** (see Figure 5D) was collected in the northwest quarter of Section 22, Township 9 South, Range 17 East (see Map 6). It consists of the proximal fragment of a highly patinated bifacially prepared tool which may be a Paleoindian projectile point of the Midland type. It was manufactured from locally available Parachute Creek Chert.

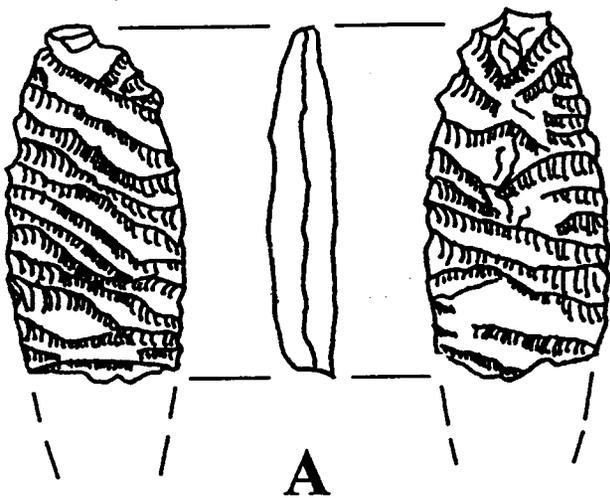
Isolated artifact **1598R/x2** (see Figure 5C) was collected in the northeast quarter of Section 22, Township 9 South, Range 17 East (see Map 6). It consists of a nearly intact Pinto dart point of Early Archaic origin. This tool was prepared from either a variant of Parachute Creek Chert or is a type of chert derived from an unknown geological origin.

# MAP 32: SITE 42UN 2566



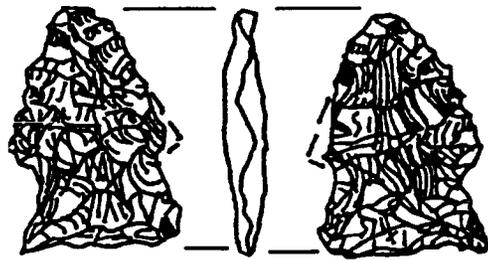
### Legend

- ▲ Primary Datum
- × Artifact Location



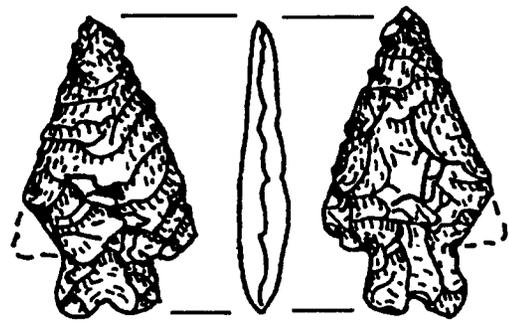
A

1598B/x1

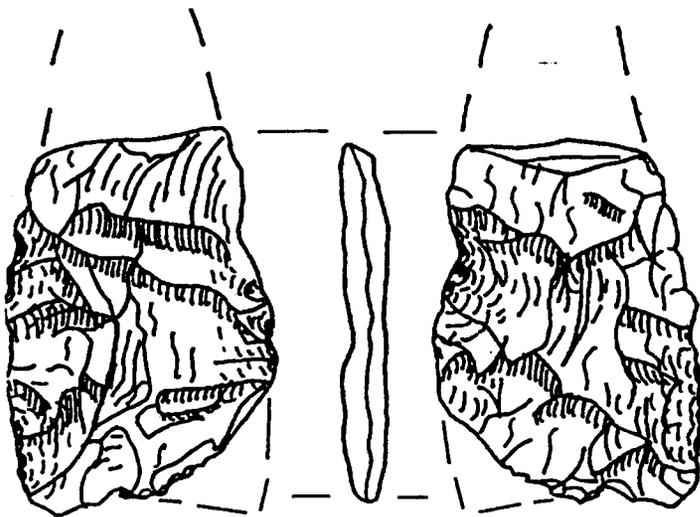


B

1598K/x2



1598R/x2



D

1598R/x1

FIGURE 5

## Paleontological Assessments

Three paleontological loci were observed during the survey. These loci include an intact turtle, mandible fragments from an oreodont, and an intact crocodile mandible. A separate report on these loci has been prepared by Rod Sheetz, consulting paleontologist (see Sheetz 1998).

## DISCUSSION

In any assessment of this type, it is useful to identify the site densities that are apparent in the data. In *ARCHAEOLOGICAL EVALUATIONS OF THE NORTHERN COLORADO PLATEAU* (AERC Paper No. 45), a basic ratio of sites per acre is used to quantify observed densities (cf., Hauck 1991:45). The site:acre ratios noted for Uinta Basin studies in that report begin at 1:050 as recorded during the Texas-Missouri Creek study conducted by Gordon and Kranzush (Gordon, et al. 1983). The high end of the spectrum is a ratio of 1:850 recorded during the U-a and U-b Oil shale lease study (Berry and Berry 1976). These various ratios were ranked as I, II, III, and IV. The rank density of I ranged between 1:32 and 1:78 ratios. Rank II ratios ranged between the ratios 1:97 and 1:132. Rank III ratios were between 1:201 and 1:273. Finally, the rank IV ratios were between 1:327 and 1:540.

With 28 sites reported in the 3,919 acres reported herein, a basic ratio of 1 site per 139.9 acres is identified, or 1:140, for the entire project area. This ratio is associated with the low end of rank II densities. It is comparable with the 1:152 ratio generated during AERC's 1989 inventory in the Red Wash locality to the east (Hauck, et al. 1990) but less dense than the 1:110 ratio defined during AERC's Mapco sample inventories in this general locality (Hauck and Norman 1980).

The site density within the Inland study varies from tract to tract. For instance, in the 689 acres evaluated in the Ashley Unit west of Wells Draw, one site is reported. This locality thus exhibits a low density ratio of 1:689 (falling in low end of rank IV) which is significantly less dense than the rank II ratio of 1:103 identified in the South Wells Draw Unit where 12 sites are reported in 1,240 acres. The two other Units provided ratios closer to the general project mean of 1:140: the Odekirk Springs Unit (12 sites in 1,529 acres) has a ratio of 1:127(rank II), while the South Pleasant Valley Unit (3 sites in 461 acres) exhibits a ratio of 1:154(lower end of rank II).

The site density ratios registered throughout the Inland project area are not the only interesting factor revealed during this study. The number of Paleoindian projectile points recovered from sites and as isolated finds is also very significant. Points having a definite Paleoindian origin are shown as Figures 1A, 1C, 1D, 2B, 5A and 5D. Possible Plano-Early Archaic transitional points include those shown in Figures 1B, 4, and 5B. The remaining diagnostics are mostly derived from Early Archaic contexts and include Figures 2A, 3B, and 5C. Figure 3C is thought to be an Elko Rocker side-notch of Middle Archaic derivation.

If our assessment of these diagnostic artifacts is correct, 46% of the diagnostic points recovered are Paleoindian, and 69% are both definite and possible Paleoindian. Only 30% of the diagnostics are definitely of Archaic derivation--and these are all of Early to Middle Archaic origin. The lack of Late Archaic, Formative (with the exception of the Late Formative pot-drop site, 42DC 1155), and Late Prehistoric (Shoshonean/Ute) in the project area is also very significant. Our assessment is that water and associated flora and fauna were readily available from the late Pleistocene into the early Holocene within this Castle Peak Draw to Pariette Bench locality. Those resources began to diminish by 7,000 years B.P. (before present) during the Early Archaic and were definitely lost by the end of the Middle Archaic or ca. 4,600 years B.P. accounting for the rapid reduction of hunting occupations and sites in this locality after that date. Further research needs to be initiated to address the viability of this hypothesis.

## CONCLUSION AND RECOMMENDATIONS

AERC recommends that a cultural resource clearance be granted to Inland Resources, Inc. relative to the development within these various land parcels based upon adherence to the following stipulations:

1. Sites 42DC 1149, 1150, 1158, 1159, 1161, 1162, 1174, 1175 and 42UN 2535, 2537, 2538, and 2552 should be avoided during any development within the Inland tracts. These sites are significant resources and should be protected from disturbance and vandalism.
2. all vehicular traffic, personnel movement, construction and restoration operations should be confined to the surveyed zones and to the existing roadways;
3. all personnel should refrain from collecting artifacts and from disturbing any cultural resources in the area; and
4. the authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.



F. Richard Hauck, Ph.D.  
President and Principal  
Investigator

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U.S.  
Department of the Interior  
Bureau of Land Management  
Utah State Office  
(AERC FORMAT)

Project  
Authorizatic No UT-98-AF-0164bs  
Report Acceptable Yes \_\_\_ No \_\_\_

Mitigation Acceptable Yes \_\_\_ No \_\_\_  
Comments: \_\_\_\_\_

Summary Report of  
Inspection for Cultural Resources

Cultural Resource Evaluation of Various Large Tracts in the  
Wells Draw to Pariette Bench Locality of Duchesne & Uintah  
Counties, Utah

1. Report Title . . . . . Inland Resources, Inc.

2. Development Company \_\_\_\_\_

3. Report Date . . . . . 7 25 1998 . . . . . 4. Antiquities Permit No. UT-98-54937

5. Responsible Institution . . . . . A E R C IPC - 98 - 4 Uintah & County Duchesne

6. Fieldwork

Location: TWN 0 9 S . RNG 15 E Sections 12  
TWN 0 9 S . RNG 16 E Sections 2, 3, 4, 7, 9, 10  
TWN 0 8 S . RNG 17 E Sections 35, 36  
TWN 0 9 S . RNG 17 E Sections 2, 15, 18, 22

7. Resource Area Diamond Mountain

8. Description of Examination Procedures: The archeologists directed by R. Hauck, or Glade Hadden, conducted intensive cultural resource evaluations of 7 project tracts situated in the Wells Draw to Pariette Bench locality. The survey was conducted by walking 15 to 20 meter-wide transects in the parcels.

9. Linear Miles Surveyed . . . . . 10. Inventory Type . . . . . I  
and/or 3,919  
Definable Acres Surveyed . . . . . R = Reconnaissance  
and/or I = Intensive  
Legally Undefinable S = Statistical Sample  
Acres Surveyed . . . . .

11. Description of Findings: A total of 28 archaeological sites was recorded during this inventory. These sites include 42DC1149, 42DC1150, 42DC 1155-1166, 1171, 1174-1177, and 42Un 2532-2538, 2552 and 2566. Sites 42DC 1149, 1150, 1158, 1159, 1161, 1162, 1174, 1175 and 42UN 2535, 2537, 2538 and 2552 are considered significant resources.

12. Number Sites Found .28 . . . . . (No sites = 0)

13. Collection: .Y.  
(Y = Yes, N = No)

14. Actual/Potential National Register Properties Affected:  
The National Register of Historic Places (NRHP) has been consulted and no registered properties will be affected by the proposed development.

15. Literature Search, Location/ Date: Utah SHPO 11-6-97 Vernal BLM 3-18-98

16. Conclusion/ Recommendations:

AERC recommends that a cultural resource clearance be granted to Inland Resources, Inc. for the proposed developments based on the following stipulations:

1. All significant sites (42DC 1149, 1150, 1158, 1159, 1161, 1162, 1174, 1175 and 42UN 2535, 2537, 2538 and 2552) should be avoided during any surface disturbance or development in their vicinities.
2. All vehicular traffic, personnel movement, construction and restoration operations should be confined to the surveyed zones and to the existing roadways;
3. All personnel should refrain from collecting artifacts and from disturbing any cultural resources in the area; and
4. The authorized official should be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the location of the exploration area.

---

17. Signature of Administrator & Field Supervisor

Administrator:



Field  
Supervisor:

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 01/07/2000

API NO. ASSIGNED: 43-013-32138

WELL NAME: S WELLS DRAW 11-3-9-16  
 OPERATOR: INLAND PRODUCTION ( N5160 )  
 CONTACT: JON HOLST

PHONE NUMBER: 303-893-0102

PROPOSED LOCATION:

NESW 03 090S 160E  
 SURFACE: 2028 FSL 2008 FWL  
 BOTTOM: 2028 FSL 2008 FWL  
 DUCHESNE  
 MONUMENT BUTTE ( 105 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1-Federal  
 LEASE NUMBER: U-77338  
 SURFACE OWNER: 1-Federal

PROPOSED FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

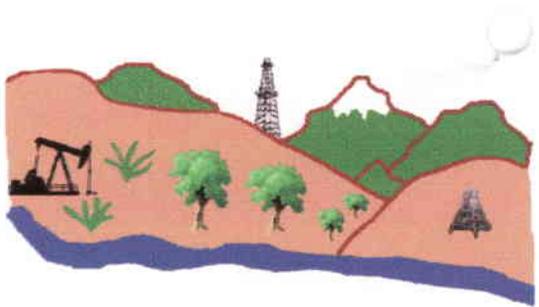
- Plat
- Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. 4488944 )
- N Potash (Y/N)
- N Oil Shale (Y/N) \*190 - 5 (B)
- Water Permit  
(No. MUNICIPAL / Johnson WA. Dist.)
- N RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )
- N/A Fee Surf Agreement (Y/N)

LOCATION AND SITING:

- R649-2-3. Unit \_\_\_\_\_
- R649-3-2. General  
Siting: \_\_\_\_\_
- R649-3-3. Exception
- Drilling Unit  
Board Cause No: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_
- R649-3-11. Directional Drill

COMMENTS: \* monument Butte Field "SOP", separate file

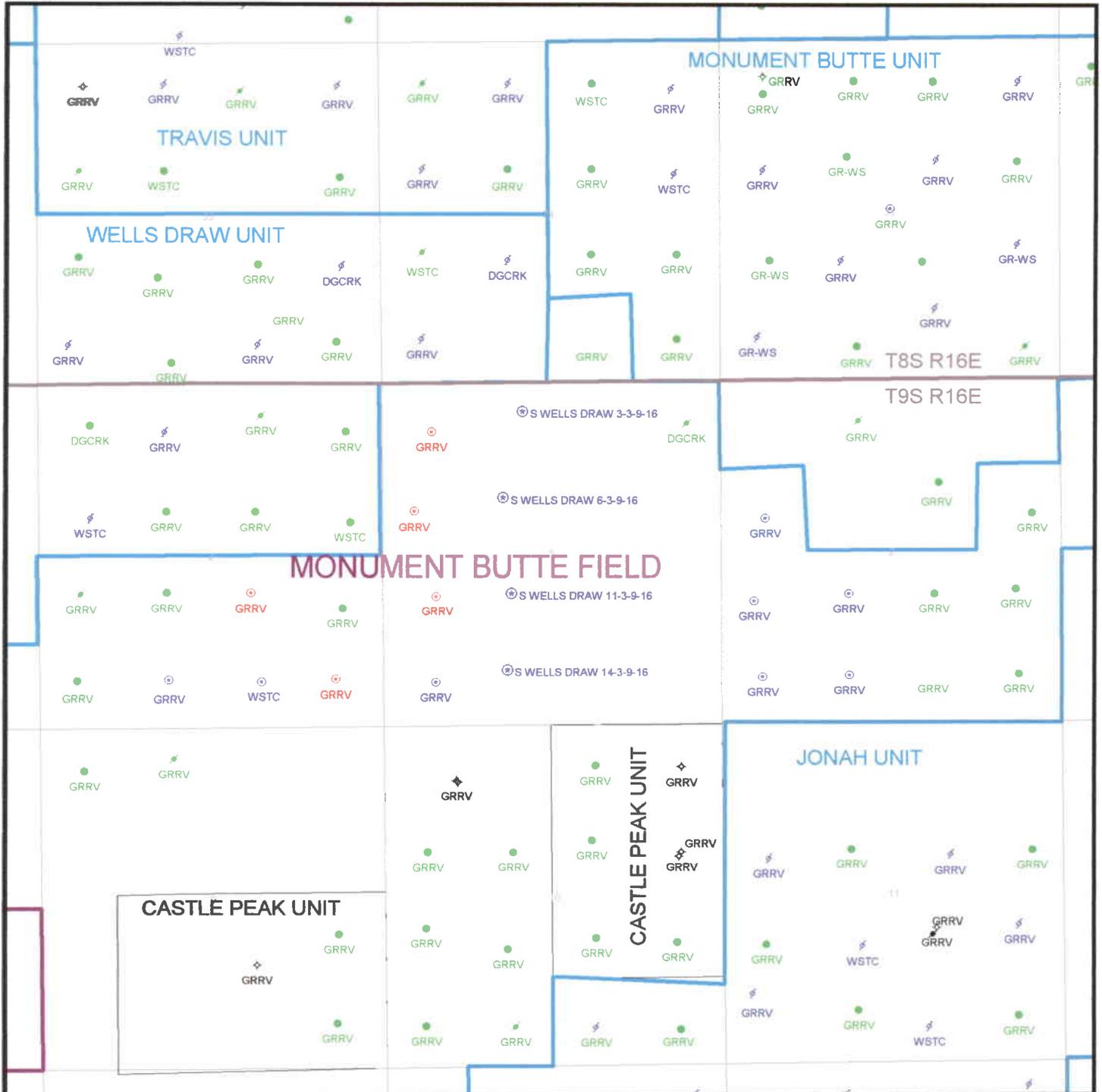
STIPULATIONS: ① FEDERAL APPROVAL



# Utah Oil Gas and Mining

Serving the Industry, Protecting the Environment

OPERATOR: INLAND PRODUCTION COMPANY (N5160)  
 FIELD: MONUMENT BUTTE (105)  
 SEC. 3, TWP 9 S, RNG 16 E  
 COUNTY: DUCHESNE NO UNIT, NO CAUSE



PREPARED  
 DATE: 10-Jan-2000



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)

January 13, 2000

Inland Production Co.  
410 17<sup>th</sup> Street Suite 700  
Denver, CO. 80202

Re: S Wells Draw 11-3-9-16 Well, 2028' FSL, 2008' FWL, NE SW, Sec. 3, T. 9 S., R. 16 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 43-013-32138.

Sincerely,

*for* John R. Baza  
Associate Director

ecc

Enclosures

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

**Operator:** Inland Production Co.  
**Well Name & Number:** S Wells Draw 11-3-9-16  
**API Number:** 43-013-32138  
**Lease:** Federal                      **Surface Owner:** Federal  
**Location:** NE SW                      **Sec.** 3    **T.** 9 S.    **R.** 16 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 of spudding the well. Contact Carol Daniels at (801)538-5284.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Dan Jarvis at (801) 538-5338 or Robert Krueger at (801) 538-5274.

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 supersede the required federal approval which must be obtained prior to drilling.

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

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK **DRILL**  **DEEPEN**

1b. TYPE OF WELL  
 OIL  GAS  SINGLE  MULTIPLE   
 WELL  WELL  OTHER  ZONE  ZONE

5. LEASE DESIGNATION AND SERIAL NO.  
**U-77338**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**N/A**

7. UNIT AGREEMENT NAME  
**N/A**

8. FARM OR LEASE NAME  
**South Wells Draw**

9. WELL NO.  
**11-3-9-16**

10. FIELD AND POOL OR WILDCAT  
**Monument Butte**

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA  
**Section 3, T9S, R16E**

12. County  
**Duchesne**

13. STATE  
**UT**

2. NAME OF OPERATOR  
**Inland Production Company**

3. ADDRESS OF OPERATOR  
**410 - 17th Street, Suite 700, Denver, CO 80202** Phone: **(303) 893-0102**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At Surface **NESW**  
At proposed Prod. Zone **2008' FWL & 2028.2' FSL**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**Approximately 13 miles from Myton, Utah**

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

16. NO. OF ACRES IN LEASE  
**80**

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.  
**approximately 1320'**

19. PROPOSED DEPTH  
**6500'**

20. ROTARY OR CABLE TOOLS  
**Rotary**

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**5618' GR**

22. APPROX. DATE WORK WILL START\*  
**1st Quarter 2000**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
<b>Refer to Monument Butte Field SOP's Drilling Program/Casing Design</b>				

Inland Production Company proposes to drill this well in accordance with the attached exhibits.  
The Conditions of Approval are also attached.

**RECEIVED**

APR 24 2000

DIVISION OF  
OIL, GAS AND MINING

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 **Jon Holst** TITLE **Counsel** DATE **1/3/00**

**NOTICE OF APPROVAL**

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 **Assistant Field Manager Mineral Resources** DATE **4/13/00**

\*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 ATTACHED**

**CONDITIONS OF APPROVAL**  
**APPLICATION FOR PERMIT TO DRILL**

Company/Operator: Inland Production Company

Well Name & Number: 11-3-9-16

API Number: 43-013-32138

Lease Number: U-77338

Location: NESW Sec. 03 T. 09S R. 16E

**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.

**Drilling Operations**

As a minimum, the usable water shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the base of the Usable Water identified at  $\pm$  1330 ft.

**RECEIVED**

APR 24 2000

DIVISION OF  
OIL, GAS AND MINING

**SURFACE USE PROGRAM**  
**Conditions of Approval (COA)**  
**Inland Production Company - South Wells Draw #11-3-9-16**

**Plans For Reclamation Of Location**

All seeding for reclamation operations at this location shall use the following seed mixture:

galleta grass	Hilaria jamessi	3 lbs/acre
bud sagebrush	Artemisia spinescens	3 lbs/acre
shadscale	Atriplex confertifolia	4 lbs/acre

If the seed mixture is to be aurally broadcasted, the pounds per acre shall be doubled. All seed poundages are in Pure Live Seed.

Immediately after construction the stockpiled top soil will be seeded and the seed worked into the soil by "walking" the pile with caterpillar tracks.

**RECEIVED**

APR 24 2000

DIVISION OF  
OIL, GAS AND MINING

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

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

5. Lease Designation and Serial No.  
**U-77338**

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

7. If Unit or CA, Agreement Designation  
**South Wells Draw**

8. Well Name and No.  
**11-3-9-16**

9. API Well No.  
**43-013-32138**

10. Field and Pool, or Exploratory Area  
**Monument Butte**

11. County or Parish, State  
**Duchesne, UT**

**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, CO 80202**

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

**2008' FWL & 2028.2' FSL, NESW, Section 3, T9S R16E**

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 type="checkbox"/> Change of Plans
<input checked="" 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 type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other <b>Request for Permit Extension</b>	<input type="checkbox"/> Dispose Water

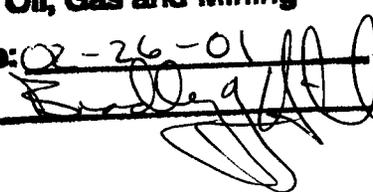
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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

**Inland Production Company requests that a one-year permit extension be granted to drill this well.**

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

Date: 02-26-01

By: 

02-26-01  
CHD

OFFICE OF  
OIL, GAS AND MINING

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

Signed **Jon Holst**

Title **Permitting Agent**

Date **02/20/01**

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any: \_\_\_\_\_

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

**\*See Instruction on Reverse Side**

cc: Jon H.  
Don M.  
BRAD M.  
POSS WF

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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

5. LEASE DESIGNATION AND SERIAL NO.  
U-77338  
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
N/A  
 7. UNIT AGREEMENT NAME  
N/A  
 8. FARM OR LEASE NAME  
South Wells Draw  
 9. WELL NO.  
11-3-9-16  
 10. FIELD AND POOL OR WILDCAT  
Monument Butte  
 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Section 3, T9S, R16E  
 12. County  
Duchesne  
 13. STATE  
UT

2. NAME OF OPERATOR  
Inland Production Company  
 3. ADDRESS OF OPERATOR  
410 - 17th Street, Suite 700, Denver, CO 80202 Phone: (303) 893-0102  
 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
 At Surface NESW  
 At proposed Prod. Zone 2008' FWL & 2028.2' FSL

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
Approximately 13 miles from Myton, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
632' FEL  
 16. NO. OF ACRES IN LEASE  
80  
 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.  
approximately 1320'  
 19. PROPOSED DEPTH  
6500'  
 20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
5618' GR  
 22. APPROX. DATE WORK WILL START\*  
1st Quarter 2000

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
Refer to Monument Butte Field SOP's Drilling Program/Casing Design				

Inland Production Company proposes to drill this well in accordance with the attached exhibits.  
 The Conditions of Approval are also 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 Jon Holst TITLE Counsel DATE 1/3/00

(This space for Federal or State office use)  
 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 Assistant Field Manager Mineral Resources DATE 4/13/00

API # 43.013.32138

\*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 ATTACHED

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

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. TYPE OF WORK DRILL  DEEPEN

1b. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER  SINGLE ZONE  MULTIPLE ZONE

5. LEASE DESIGNATION AND SERIAL NO.  
**U-77338**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**N/A**

7. UNIT AGREEMENT NAME  
**N/A**

8. FARM OR LEASE NAME  
**South Wells Draw**

9. WELL NO.  
**11-3-9-16**

10. FIELD AND POOL OR WILDCAT  
**Monument Butte**

11. SEC., T., R., M., OR BLK.  
AND SURVEY OR AREA  
**Section 3, T9S, R16E**

12. County  
**Duchesne**

13. STATE  
**UT**

2. NAME OF OPERATOR  
**Inland Production Company**

3. ADDRESS OF OPERATOR  
**410 - 17th Street, Suite 700, Denver, CO 80202 Phone: (303) 893-0102**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*  
At Surface **NESW**  
At proposed Prod. Zone **2008' FWL & 2028.2' FSL**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
**Approximately 13 miles from Myton, Utah**

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) <b>632' FEL</b>	16. NO. OF ACRES IN LEASE <b>80</b>	17. NO. OF ACRES ASSIGNED TO THIS WELL <b>40</b>
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. <b>approximately 1320'</b>	19. PROPOSED DEPTH <b>6500'</b>	20. ROTARY OR CABLE TOOLS <b>Rotary</b>

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
**5618' GR**

22. APPROX. DATE WORK WILL START\*  
**1st Quarter 2000**

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
<b>Refer to Monument Butte Field SOP's Drilling Program/Casing Design</b>				

Inland Production Company proposes to drill this well in accordance with the attached exhibits.

The Conditions of Approval are also attached.

**RECEIVED  
JAN 07 2000**

**DIVISION OF OIL, GAS & MINING**

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 Jon Holst TITLE Counsel DATE 1/3/00

(This space for Federal or State office use)

PERMIT NO. 43-013-32138 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 Bradley G. Hill TITLE RECLAMATION SPECIALIST III DATE 1/13/00

**Federal Approval of this  
Action is Necessary**

\*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.

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

*SUBMIT IN TRIPLICATE*

1. Type of Well

Oil Well     Gas Well     Other

**RECEIVED  
FEB 23 2001**

2. Name of Operator

**Inland Production Company**

3. Address and Telephone No.

**410 17th Street, Suite 700, Denver, CO 80202**

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

**2008' FWL & 2028.2' FSL, NESW, Section 3, T9S R16E**

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

5. Lease Designation and Serial No.  
**U-77338**

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

7. If Unit or CA, Agreement Designation  
~~South Wells Draw~~

8. Well Name and No.  
**11-3-9-16**

9. API Well No.  
**43-013-32138**

10. Field and Pool, or Exploratory Area  
**Monument Butte**

11. County or Parish, State  
**Duchesne, UT**

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

**TYPE OF SUBMISSION**

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

**TYPE OF ACTION**

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

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

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

**Inland Production Company requests that a one-year permit extension be granted to drill this well.**

**RECEIVED**

MAR 09 2001

DIVISION OF  
OIL, GAS AND MINING

**CONDITIONS OF APPROVAL ATTACHED**

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

Signed Jon Holst Title Permitting Agent Date 02/20/01

(This space for Federal or State office use)

Approved by [Signature] Title Petroleum Engineer Date FEB 28 2001

Conditions of approval, if any:

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

\*See Instruction on Reverse Side

DOGIM

Inland Production Company  
APD Extension

Well: 11-3-9-16

Location: NESW Sec. 3, T9S, R16E

Lease: UTU 77338

**CONDITIONS OF APPROVAL**

An extension for the referenced APD is granted with the following conditions:

---

1. The extension will expire April 13, 2002
2. No other extensions beyond that time frame will be granted or allowed.

If you have any other questions concerning this matter, please contact Kirk Fleetwood or Ed Forsman of this office at (435) 781-4400.

**RECEIVED**

MAR 09 2001

DIVISION OF  
OIL, GAS AND MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.

UTU-77338

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

S WELLS DRAW

8. Well Name and No.

S WELLS DRAW 11-3-9-16

9. API Well No.

43-013-32138

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT

*SUBMIT IN TRIPLICATE*

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator

INLAND PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

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

2008 FWL 2028 FSL NE/SW Section 3, T09S R16E

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

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

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

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

Inland Production Company requests to extend the permit to drill this well for one year.

**RECEIVED**

SEP 24 2001

DIVISION OF  
OIL, GAS AND MINING

**SEE  
ATTACHMENT**

RECEIVED

SEP 24 2001

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

Signed

*Wendie Craig*

Title

Permit Clerk

Date

8/28/01

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

*[Signature]*

Title

Date

SEP 17 2001

Conditions of approval, if any:

CC: Utah DOGM

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.

*DOGM*

Inland Production Company  
APD Extension

Well: 11-3-9-16

Location: NESW Sec. 3, T9S, R16E

Lease: UTU 77338

**Reasons for Denial**

An extension for the referenced APD is denied for the following reason(s):

1. An extension was granted on February 28, 2001 that extended the expiration of the APD until April 13, 2002.
2. You were informed at the time of the extension approval that no other extensions beyond that time frame will be granted or allowed.

If you have any other questions concerning this matter, please contact Kirk Fleetwood at (435) 781-4486.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION COMPANY

Well Name: S WELLS DRAW 11-3-9-16

Api No. 43-013-32138 LEASE TYPE: FEDERAL

Section 03 Township 09S Range 16E County DUCHESNE

Drilling Contractor STUBBS RIG # 111

SPUDDED:

Date 02/19/2002

Time 11:30 AM

How DRY

Drilling will commence \_\_\_\_\_

Reported by PAT WISENER

Telephone # 1-435-823-7468

Date 02/21/2002 Signed: CHD

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

**SUBMIT IN TRIPLICATE**

1. Type of Well

Oil Well     Gas Well     Other

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

**Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721**

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

**2008' FWL & 2028.2' FSL NE/SW Sec. 3, T9S, R16E**

5. Lease Designation and Serial No.

# U-77338

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

# South Wells Draw

8. Well Name and No.

# SWD 11-3-9-16

9. API Well No.

# 43-013-32138

10. Field and Pool, or Exploratory Area

# Monument Butte

11. County or Parish, State

# Duchesne, Utah.

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

**TYPE OF SUBMISSION**

Notice of Intent  
 Subsequent Report  
 Final Abandonment Notice

**TYPE OF ACTION**

Abandonment  
 Recompletion  
 Plugging Back  
 Casing Repair  
 Altering Casing  
 Other **Spud**

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.)\*

On 2/19/02. MIRU Stubbs # 111. Spud well @ 11:30 am. Drill 310' of 12 1/4" hole with air mist. TIH w/ 7 Jt's 85/8" J-55 24# csgn. Set @ 311.36'/KB. On 2/21/02, Cement with 150 sks of Class "G" w/ 2% CaCL2 + 1/4# sk Cello-Flake Mixed @ 15.8 ppg > 1.16 cf/sk yeild. 3.5 bbls cement returned to surface. WOC

**RECEIVED**

FEB 25 2002

DIVISION OF  
OIL, GAS AND MINING

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

Signed

*Pat Wisener*  
Pat Wisener

Title

Drilling Foreman

Date

02/25/2002

(This space for Federal or State office use)

Approved by \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

# INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 311.36

LAST CASING 8 5/8" SET AT 311.36  
 DATUM 10' KB  
 DATUM TO CUT OFF CASING \_\_\_\_\_  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 310' LOGGER \_\_\_\_\_  
 HOLE SIZE 12 1/4

OPERATOR Inland Production Company  
 WELL South Wells Draw 11-3-9-16  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # Stubbs # 111

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		shjt 43.21					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	301.51
		<b>GUIDE</b> shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			303.36
TOTAL LENGTH OF STRING		303.36	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			10
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			<b>311.36</b>
TOTAL		301.51	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		301.51	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.		SPUD	02/19/2002	GOOD CIRC THRU JOB <u>yes</u>			
CSG. IN HOLE			11:30am	Bbls CMT CIRC TO SURFACE <u>3.5bbls</u>			
BEGIN CIRC				RECIPROCATED PIPE FOR _____ THRU _____ FT STROKE			
BEGIN PUMP CMT				DID BACK PRES. VALVE HOLD ? <u>N/A</u>			
BEGIN DSPL. CMT				BUMPED PLUG TO <u>130</u> PSI			
PLUG DOWN		Cemented	02/21/2002				
CEMENT USED		CEMENT COMPANY-					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	150	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.16 cf/sk yield					
CENTRALIZER & SCRATCHER PLACEMENT				SHOW MAKE & SPACING			
Centralizers - Middle first, top second & third for 3				RECEIVED FEB 22 2002			
				DIVISION OF OIL, GAS AND MINING			

COMPANY REPRESENTATIVE Pat Wisener

DATE 02/22/2002

02

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
NTTY 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		
A	99999	13269	43-013-32139	SWD #14-3-9-16	SE/SW	3	9S	16E	Duchesne	February 18, 2002	3-13-02 02/18/02

WELL 1 COMMENTS:

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	13269	43-013-32138	SWD #11-3-9-16	NE/SW	3	9S	16E	Duchesne	February 19, 2002	3-13-02 02/19/02

WELL 2 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 3 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 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 of wells)
- 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)

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MAR 13 2002

DIVISION OF  
OIL, GAS AND MINING

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

(388)

*Kelcie S. Jones*  
Signature  
Production Clerk  
Title

Kelcie S. Jones

March 13, 2002

Date

FAX NO. 846 3031

FAX NO. 846 3031

INLAND PRODUCTION CO

MAR-13-02 WED 09:57 AM



December 16, 2003

State of Utah, Division of Oil, Gas and Mining  
Attn: Ms. Carol Daniels  
P.O. Box 145801  
Salt Lake City, Utah 84144-5801

Attn: Ms. Carol Daniels  
Re: Completion reports

Dear Ms. Carol Daniels

Enclosed are the preliminary completion reports for the wells spud more than 4 months ago, but not reported as completed.

Inland Resources intends to drill and complete most of the wells on this list in the year 2004. At that time, I will be sending to you the final completion reports for these wells.

If you should have any questions, please contact me at (303) 382-4449.

Sincerely,

Brian Harris  
Engineering Tech

RECEIVED  
DEC 22 2003  
DIV. OF OIL, GAS & MINING

SUBMIT IN DUPLICATE\*  
(See other instructions on reverse side)

FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

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

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

5. LEASE DESIGNATION AND SERIAL NO.  
**UTU-77338**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**NA**

7. UNIT AGREEMENT NAME  
**South Wells Draw**

8. FARM OR LEASE NAME, WELL NO.  
**S. Wells Draw 11-3-9-16**

9. WELL NO.  
**43-013-32138**

10. FIELD AND POOL OR WILDCAT  
**Monument Butte**

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
**Sec. 3, T9S, R16E**

1a. TYPE OF WORK  
 OIL WELL     GAS WELL     DRY     Other \_\_\_\_\_

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

2. NAME OF OPERATOR  
**INLAND RESOURCES INC.**

3. ADDRESS AND TELEPHONE NO.  
**1401 17th St. Suite 1000 Denver, CO 80202**

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)\*  
 At Surface **2028' FSL & 2008' FWL (NE SW) Sec. 3, T9S, R16E**  
 At top prod. Interval reported below \_\_\_\_\_

At total depth  
 14. API NO. **43-013-32138**    DATE ISSUED \_\_\_\_\_

12. COUNTY OR PARISH **Duchesne**    13. STATE **UT**

15. DATE SPUDDED **2/19/02**    16. DATE T.D. REACHED \_\_\_\_\_    17. DATE COMPL. (Ready to prod.) **2-22-02**    18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* **5618' GL**    19. ELEV. CASINGHEAD **5630' KB**

20. TOTAL DEPTH, MD & TVD **311**    21. PLUG BACK T.D., MD & TVD \_\_\_\_\_    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**

25. WAS DIRECTIONAL SURVEY MADE  
**No**

26. TYPE ELECTRIC AND OTHER LOGS RUN \_\_\_\_\_    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" - J-55	24#	311'	12-1/4"	To surface with 150 sx Class "G" cmt	
5-1/2" - J-55	15.5#		7-7/8"		

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 @	TA @

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.\* PRODUCTION

DATE FIRST PRODUCTION \_\_\_\_\_    PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) \_\_\_\_\_    WELL STATUS (Producing or shut-in) **TA W/O Drill rig**

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
10 day ave			---->				#VALUE!

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 \_\_\_\_\_

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

SIGNED Brian Harris    TITLE Engineering Technician    DATE 12/12/03

BDH

\*(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
			Well Name S. Wells Draw 11-3-9-16	Garden Gulch Mkr Garden Gulch 1 Garden Gulch 2 Point 3 Mkr X Mkr Y-Mkr Douglas Creek Mkr BiCarbonate Mkr B Limestone Mkr Castle Peak Basal Carbonate Total Depth (LOGGERS)		

**Wells Spudded More than 4 Months Ago But Not Yet Reported As Completed**

Well Name	Twp-Rng-Sec	API Number	Spud Date
S WELLS DRAW 13-3-9-16	09S 16E 03	4301332106	9/22/2000
LONE TREE 10-16-9-17	09S 17E 16	4301332087	2/5/2001
LONE TREE 15-16-9-17	09S 17E 16	4301332089	2/7/2001
LONE TREE 16-16-9-17	09S 17E 16	4301332150	2/13/2001
ODEKIRK SPRINGS 15-35-8-17	08S 17E 35	4304733550	4/11/2001
GBU 1-34-8-17	08S 17E 34	4301332252	8/12/2001
GBU 7-34-8-17	08S 17E 34	4301332257	8/30/2001
ASHLEY 2-11-9-15	09S 15E 11	4301332214	10/24/2001
S WELLS DRAW 14-3-9-16	09S 16E 03	4301332139	2/18/2002
<b>S WELLS DRAW 11-3-9-16</b>	<b>09S 16E 03</b>	<b>4301332139</b>	<b>2/18/2002</b>
ASHLEY 7-11-9-15	09S 15E 11	4301332215	7/8/2002
JONAH 4-11-9-16	09S 16E 11	4301332279	1/2/2003
GBU 10-26-8-17	08S 17E 26	4304734309	1/29/2003
GBU 2-26-8-17	08S 17E 26	4304734163	4/29/2003
JONAH 7-14-9-16	09S 16E 14	4301332338	5/12/2003
JONAH 6-14-9-16	09S 16E 14	4301332337	6/9/2003
JONAH 5-14-9-16	09S 16E 14	4301332336	6/11/2003
LONE TREE U 8-16-9-17	09S 17E 16	4301332311	7/15/2003
HUMPBACK FED 9-24-8-17	08S 17E 24	4304734881	7/21/2003
LONE TREE U 7-16-9-17	09S 17E 16	4301332310	7/25/2003

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 DEC 22 2003  
 DIV. OF OIL, GAS & MINING

Utah Division of Oil, Gas and Mining  
DRILLING OPERATIONS SUSPENDED

**NOTICE TO OPERATORS:**

In order to more accurately monitor wells where drilling operations have been suspended, the Division has changed the statuses of the following wells from Temporarily Abandoned to Operations Suspended in our databases.

These wells will no longer appear on your Monthly Oil and Gas Production Report, Form 10. Therefore, it will now be the operator's responsibility to provide a monthly status report for such wells in accordance with Rule R649-3-6.2.4, which states:

The operator shall submit a monthly status report for each drilling well on Form 9, Sundry Notices and Reports on Wells. The report should include the well depth and a description of the operations conducted on the well during the month. The report shall be submitted no later than the fifth day of the following calendar month until such time as the well is completed and the well completion report is filed.

Your assistance is appreciated. If you have questions regarding this matter, please feel free to call (801) 538-5275.

Operator	Well Name	API Number	Permit Date	Spud Date - Dry	Spud Date - Rotary	Measured Depth	Lease Type
INLAND PRODUCTION	S WELLS DRAW 13-3-9-16	4301332106	08/10/98	09/22/00		310	Federal
INLAND PRODUCTION	S WELLS DRAW 11-3-9-16	4301332138	01/13/00	02/19/02		311	Federal
INLAND PRODUCTION	GBU 10-26-8-17	4304734309	10/01/01	01/29/03		310	Federal
INLAND PRODUCTION	GBU 2-26-8-17	4304734163	07/02/01	04/29/03		314	Federal



# 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 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

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

**NEWFIELD**



February 9, 2005

State of Utah  
Division of Oil, Gas & Mining  
Attn: Carol Daniels  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

Dear Carol:

Please find enclosed "Sundry Notices and Reports on Wells" for the following wells:

South Wells Draw 13-3-9-16  
South Wells Draw 11-3-9-16  
Greater Boundary 10-26-8-17  
Greater Boundary 2-26-8-17  
Ashley 16-10-9-15  
Federal 2-31-8-18  
Sundance State 9-32-8-18  
Sundance State 16-32-8-18  
Federal 6-12-9-17  
Federal 9-4-9-18  
BlackJack Federal 15-10-9-17  
Canvasback 11-23-8-17

As we discussed, if these wells were on our Monthly Production Reports, I've removed them. I'll send in these monthly Operations Suspended Sundries until the wells are completed either as producers or injectors.

Please don't hesitate to contact me if you have any questions or require further assistance. I can be reached by phone @ (435) 646-4831 or by e-mail @ [kjones@newfld.com](mailto:kjones@newfld.com).

Sincerely,

  
Kobbie S. Jones  
Production Clerk

Enclosures

cc: Newfield Exploration Rocky Mountain - Denver

/kj

RECEIVED

FEB 10 2005

DIV. OF OIL, GAS & MINING

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
UTU77338

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
S WELLS DRAW UNIT

8. WELL NAME and NUMBER:  
S WELLS DRAW 11-3-9-16

9. API NUMBER:  
4301332138

10. FIELD AND POOL, OR WILDCAT:  
Monument Butte

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR:  
Newfield Production Company

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

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 2008 FWL & 2028 FSL COUNTY: Duchesne  
OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SW/NE, 3, T9S, R16E STATE: Utah

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will <u>02/01/2005</u>	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Monthly Status Report
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:			

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

Operations Suspended

NAME (PLEASE PRINT) Kebbie Jones TITLE Production Clerk

SIGNATURE *Kebbie Jones* DATE February 09, 2005

(This space for State use only)

**RECEIVED**  
**FEB 10 2005**  
DIV. OF OIL, GAS & MINING

**OPERATOR CHANGE WORKSHEET**

<b>ROUTING</b>	
1. GLH	
2. CDW	
3. FILE	

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change**

**Merger**

The operator of the well(s) listed below has changed, effective:		<b>9/1/2004</b>
<b>FROM:</b> (Old Operator): N5160-Inland Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	<b>TO:</b> ( New Operator): N2695-Newfield Production Company Route 3 Box 3630 Myton, UT 84052 Phone: 1-(435) 646-3721	

**CA No. Unit: SOUTH WELLS DRAW (GR)**

<b>WELL(S)</b>								
NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
S WELLS DRAW 5-3-9-16	03	090S	160E	4301332098	13269	Federal	WI	A
S WELLS DRAW 9-4-9-16	04	090S	160E	4301332102	13269	Federal	WI	A
S WELLS DRAW 10-4-9-16	04	090S	160E	4301332103	13269	Federal	OW	P
S WELLS DRAW 11-4-9-16	04	090S	160E	4301332104	13269	Federal	WI	A
S WELLS DRAW 12-3-9-16	03	090S	160E	4301332105	13269	Federal	OW	P
S WELLS DRAW 13-3-9-16	03	090S	160E	4301332106	13269	Federal	OW	OPS
S WELLS DRAW 14A-4-9-16	04	090S	160E	4301332107	13269	Federal	OW	P
S WELLS DRAW 15-4-9-16	04	090S	160E	4301332108	13269	Federal	WI	A
S WELLS DRAW 16-4-9-16	04	090S	160E	4301332110	13269	Federal	OW	P
S WELLS DRAW 6-3-9-16	03	090S	160E	4301332137	13269	Federal	OW	P
S WELLS DRAW 11-3-9-16	03	090S	160E	4301332138	13269	Federal	OW	OPS
S WELLS DRAW 14-3-9-16	03	090S	160E	4301332139	13269	Federal	OW	DRL
S WELLS DRAW 15-5-9-16	05	090S	160E	4301332329	13269	Federal	WI	A
S WELLS DRAW 16-5T-9-16	05	090S	160E	4301332433	13269	Federal	OW	P

K  
K

**OPERATOR CHANGES DOCUMENTATION**

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

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

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

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

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

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 2/23/2005

**DATA ENTRY:**

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

**FEDERAL WELL(S) BOND VERIFICATION:**

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

**INDIAN WELL(S) BOND VERIFICATION:**

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

**FEE & STATE WELL(S) BOND VERIFICATION:**

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

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

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
UTU77338

**SUNDRY NOTICES AND REPORTS ON WELLS**

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6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
S WELLS DRAW UNIT

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
S WELLS DRAW 11-3-9-16

2. NAME OF OPERATOR:  
Newfield Production Company

9. API NUMBER:  
4301332138

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: 2008 FWL & 2028 FSL

COUNTY: Duchesne

OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SW/NE, 3, T9S, R16E

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 checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will <u>03/01/2005</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Monthly Status Report
	<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.

Patterson #155 was moved in on 3/1/05 and drilling started.

**RECEIVED**

**MAR 09 2005**

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Kebbie Jones

TITLE Production Clerk

SIGNATURE 

DATE March 07, 2005

(This space for State use only)

NEWFIELD



43,013,32138

95 16E 3

March 7, 2005

State of Utah  
Division of Oil, Gas & Mining  
Attn: Carol Daniels  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

Dear Carol:

Please find enclosed "Sundry Notices and Reports on Wells" for the following wells:

South Wells Draw 13-3-9-16  
South Wells Draw 11-3-9-16  
Greater Boundary 10-26-8-17  
Greater Boundary 2-26-8-17  
Ashley 16-10-9-15  
Federal 2-31-8-18  
Sundance State 9-32-8-18  
Sundance State 16-32-8-18  
Federal 6-12-9-17  
Federal 9-4-9-18  
BlackJack Federal 15-10-9-17  
Canvasback 11-23-8-17

As we discussed, if these wells were on our Monthly Production Reports, I've removed them. I'll send in these monthly Operations Suspended Sundries until the wells are completed either as producers or injectors.

Please don't hesitate to contact me if you have any questions or require further assistance. I can be reached by phone @ (435) 646-4831 or by e-mail @ [kjones@newfld.com](mailto:kjones@newfld.com).

Sincerely,

  
Kobbie S. Jones  
Production Clerk

Enclosures

cc: Newfield Exploration Rocky Mountain - Denver

/kj

RECEIVED

MAR 09 2005

DIV. OF OIL, GAS & MINING

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  
 Oil Well  Gas Well  Other

2. Name of Operator  
Newfield Production Company

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

3b. Phone No. (include are code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2008 FWL & 2028 FSL  
SW/NE Section 3 T9S R16E

5. Lease Serial No.

UTU77338

6. If Indian, Allottee or Tribe Name.

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

S WELLS DRAW UNIT

8. Well Name and No.

S WELLS DRAW 11-3-9-16

9. API Well No.

4301332138

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	Weekly Status Report _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

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

On 03/09/05 MIRU Patterson Rig # 155. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 226'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6055'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 145 jt's of 5.5 J-55, 15.5# csgn. Set @ 6139.54' / KB. Cement with 325 sks cement mixed @ 11.0 ppg & 3.43 yld. The 450 sks cement mixed @ 14.4 ppg & 1.24 yld. With all spacers returned to pit. Nipple down Bop's. Drop slips @ 87,000 #'s tension. Release rig 9:00 am on 03/07/05.

RECEIVED

MAR 09 2005

DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct

Name (Printed/ Typed)  
Floyd Mitchell

Title

Drilling Supervisor

Signature

*Floyd Mitchell*

Date

3/7/2005

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by \_\_\_\_\_

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.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

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 checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU77338
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. S WELLS DRAW UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2008 FWL & 2028 FSL SW/NE Section 3 T9S R16E		8. Well Name and No. S WELLS DRAW 11-3-9-16
		9. API Well No. 4301332138
		10. Field and Pool, or Exploratory Area Monument Butte
		11. County or Parish, State Duchesne, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

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

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

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

RECEIVED  
APR 01 2005  
DIV. OF OIL, GAS & MINING

I hereby certify that the foregoing is true and correct Name (Printed/ Typed) Mandie Crozier	Title Regulatory Specialist
Signature <i>Mandie Crozier</i>	Date

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

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(Instructions on reverse)

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DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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OMB No. 1004-0135  
Expires January 31, 2004

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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. S WELLS DRAW UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2008 FWL & 2008 FSL SW/NE Section 3 T9S R16E		8. Well Name and No. S WELLS DRAW 11-3-9-16
		9. API Well No. 4301332138
		10. Field and Pool, or Exploratory Area Monument Butte
		11. County or Parish, State Duchesne, UT

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<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 _____ Weekly Status Report
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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**Status report for time period 03/16/05-03/29/05**

Subject well had completion procedures initiated in the Green River formation on 03/16/05 without the use of a service rig over the well. A cement bond log was run and a total of four Green River intervals were perforated and hydraulically fracture treated w/ 20/40 mesh sand. Perf intervals were #1 (5472-5478'), (5404-5408'), (5293-5298') (All 4 JSPF); #2 (5119-5126'), (5088-5092'), (5038-5042'), (4986-4996') (All 4 JSPF); #3 (4876-4887'), (4819-4829), (4809-4814') (All 4 JSPF); #4 (4300-4308'), (4289-4292') (All 4 JSPF). Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved on well on 03/25/05. Bridge plugs were drilled out. Well was cleaned out to PBD @ 6096'. Zones were swab tested for sand cleanup. A BHA & production tbg string were run in and anchored in well. End of tubing string @ 5559'. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 03/29/05.

I hereby certify that the foregoing is true and correct Name (Printed/ Typed) Tara Kinney	Title Production Clerk
Signature <i>Tara Kinney</i>	Date 4/4/05

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by	Title	Date
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(Instructions on reverse)

**RECEIVED**  
APR 05 2005

DIV. OF OIL, GAS & MINING

**NEWFIELD**



April 5, 2005

State of Utah  
Division of Oil, Gas & Mining  
Attn: Carol Daniels  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

Dear Carol:

Please find enclosed "Sundry Notices and Reports on Wells" for the following wells:

South Wells Draw 13-3-9-16 – last report, well on production March 6, 2005  
South Wells Draw 11-3-9-16 – last report, well on production March 29, 2005  
Greater Boundary 10-26-8-17  
Greater Boundary 2-26-8-17  
Ashley 16-10-9-15  
Federal 2-31-8-18  
Sundance State 9-32-8-18  
Sundance State 16-32-8-18  
Federal 6-12-9-17 – last report, well on production March 23, 2005  
Federal 9-4-9-18  
BlackJack Federal 15-10-9-17  
Canvasback 11-23-8-17

As we discussed, if these wells were on our Monthly Production Reports, I've removed them. I'll send in these monthly Operations Suspended Sundries until the wells are completed either as producers or injectors.

Please don't hesitate to contact me if you have any questions or require further assistance. I can be reached by phone @ (435) 646-4831 or by e-mail @ [kjones@newfld.com](mailto:kjones@newfld.com).

Sincerely,

  
Kebbie S. Jones  
Production Clerk

RECEIVED

APR 0 / 2005

DIV. OF OIL, GAS & MINING

Enclosures

cc: Newfield Exploration Rocky Mountain - Denver

/kj

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
UTU77338

**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, ALLIOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
S WELLS DRAW UNIT

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
S WELLS DRAW 11-3-9-16

2. NAME OF OPERATOR:  
Newfield Production Company

9. API NUMBER:  
4301332138

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: 2008 FWL & 2028 FSL

COUNTY: Duchesne

OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SW/NE, 3, T9S, R16E

STATE: Utah

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

TYPE OF ACTION

TYPE OF SUBMISSION

TYPE OF ACTION

NOTICE OF INTENT  
(Submit in Duplicate)

Approximate date work will

04/01/2005

SUBSEQUENT REPORT  
(Submit Original Form Only)

Date of Work Completion:

ACIDIZE

ALTER CASING

CASING REPAIR

CHANGE TO PREVIOUS PLANS

CHANGE TUBING

CHANGE WELL NAME

CHANGE WELL STATUS

COMMINGLE PRODUCING FORMATIONS

CONVERT WELL TYPE

DEEPEN

FRACTURE TREAT

NEW CONSTRUCTION

OPERATOR CHANGE

PLUG AND ABANDON

PLUG BACK

PRODUCTION (START/STOP)

RECLAMATION OF WELL SITE

RECOMPLETE - DIFFERENT FORMATION

REPERFORATE CURRENT FORMATION

SIDETRACK TO REPAIR WELL

TEMPORARITLY ABANDON

TUBING REPAIR

VENT OR FLAIR

WATER DISPOSAL

WATER SHUT-OFF

OTHER: - Monthly Status Report

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

This well was put on production March 29, 2005.

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DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Kebbie Jones

SIGNATURE

*Kebbie Jones*

TITLE Production Clerk

DATE

*April 5, 2005*

(This space for State use only)

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 checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU77338
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. S WELLS DRAW UNIT
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 2008 FWL & 2028 FSL SW/NE   Section 3 T9S R16E		8. Well Name and No. S WELLS DRAW 11-3-9-16
		9. API Well No. 4301332138
		10. Field and Pool, or Exploratory Area Monument Butte
		11. County or Parish, State Duchesne, UT

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Variance _____
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	_____

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

Newfield Production Company is requesting a variance from Onshore Order 43 CFR Part 3160 Section 4 requiring production tanks to be equipped with Enardo or equivalent vent line valves. Inland operates wells that produce from the Green River formation, which are relatively low gas producers (20 mcfpd). The majority of the wells are equipped with a three phase separator to maximize gas separation and sales.

Newfield is requesting a variance for safety reasons. Crude oil production tanks equipped with back pressure devices will emit a surge of gas when the thief hatches are open. While gauging tanks, lease operators will be subject to breathing toxic gases as well as risk a fire hazard, under optimum conditions

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DIV. OF OIL, GAS & MINING

COPIES SENT TO OPERATOR  
DATE: 4-14-05  
BY: CHO

I hereby certify that the foregoing is true and correct Name (Printed/ Typed) Mandie Crozier	Title Regulatory Specialist
Signature <i>Mandie Crozier</i>	Date 04/07/2005

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by 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.	Title <b>Accepted by the</b>	Date	Federal Approval Of This Action Is Necessary
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction. (Instructions on reverse)	Office <b>Utah Division of Oil, Gas and Mining</b>	Date: 4/14/05 By: <i>[Signature]</i>	

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

5. LEASE DESIGNATION AND SERIAL NO.  
**UTU-77338**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**NA**

**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 \_\_\_\_\_

7. UNIT AGREEMENT NAME  
**South Wells Draw**

8. FARM OR LEASE NAME, WELL NO.  
**South Wells Draw 11-3-9-16**

2. NAME OF OPERATOR  
**Newfield Exploration Company**

9. WELL NO.  
**43-013-32138**

3. ADDRESS AND TELEPHONE NO.  
**1401 17th St. Suite 1000 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 **2028' FSL & 2008' FWL (NE/SW) Sec. 3, T9S, R16E**  
At top prod. Interval reported below

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
**Sec. 3, T9S, R16E**

At total depth

14. API NO. **43-013-32138** DATE ISSUED **1/13/00**

12. COUNTY OR PARISH **Duchesne** 13. STATE **UT**

15. DATE SPUDDED **2/19/02** 16. DATE T.D. REACHED **3/7/05** 17. DATE COMPL. (Ready to prod.) **3/29/05** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* **5618' GL** 19. ELEV. CASINGHEAD **5630' KB**

20. TOTAL DEPTH, MD & TVD **6155'** 21. PLUG BACK T.D., MD & TVD **6096'** 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 4289'-5478'**

25. WAS DIRECTIONAL SURVEY MADE  
**No**

26. TYPE ELECTRIC AND OTHER LOGS RUN  
**DIG, SP, COM DEN, COMMENT, CBL.**

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" - J-55	24#	311'	12-1/4"	To surface with 150 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6140'	7-7/8"	325 sx Premlite II and 450 sx 50/50 Poz	

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 @ 5557'	TA @ 5457'

31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	
ODC&A3) 5293'-5298', 5404'-5408', 5472'-5478'	.41"	4/60	5293'-5478'	Frac w/ 30,164# 20/40 sand in 323 bbls fluid	
(C,B,5,1&2) 4986'-4996', 5038'-5042', 5088'-5092', 5119'-5126'	.41"	4/100	4986'-5126'	Frac w/ 90,133# 20/40 sand in 650 bbls fluid	
&2) 4809'-4814', 4819'-4829', 4876'-4887'	.41"	4/104	4809'-4887'	Frac w/ 120,321# 20/40 sand in 819 bbls fluid	
(GB4) 4289'-4292', 4300'-4308'	.41"	4/44	4289'-4308'	Frac w/ 43,679# 20/40 sand in 388 bbls fluid	

33.\* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	WELL STATUS (Producing or shut-in)					
3/29/05	2-1/2" x 1-1/2" x 12' x 15.5' RHAC CDI Pump	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			→	47	13	556	277
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 \_\_\_\_\_

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.  
SIGNED Mandie Crozier TITLE **Regulatory Specialist** DATE **6/8/2005**

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JUN 09 2005**

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
			Well Name S. Wells Draw 11-3-9-16	Garden Gulch Mkr	3778'	
				Garden Gulch 1	3994'	
				Garden Gulch 2	4107'	
				Point 3 Mkr	4370'	
				X Mkr	4634'	
				Y-Mkr	4668'	
				Douglas Creek Mkr	4788'	
				BiCarbonate Mkr	5034'	
				B Limestone Mkr	5163'	
				Castle Peak	5655'	
				Basal Carbonate	6089'	
				Total Depth (LOGGERS)	6149'	

**DIVISION OF OIL, GAS AND MINING  
UNDERGROUND INJECTION CONTROL PROGRAM  
PERMIT  
STATEMENT OF BASIS**

**Applicant:** Newfield Production Company      **Well:** South Wells Draw 11-3-9-16

**Location:** 3/9S/16E      **API:** 43-013-32138

**Ownership Issues:** The proposed well is located on BLM land. The well is located in the South Wells Draw 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. Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Inland is the operator of the South Wells Draw Unit. Newfield 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 303 feet and has a cement top at the surface. A 5 ½ inch production casing is set at 6,155 feet. A cement bond log demonstrates adequate bond in this well up to 790 feet. A 2 7/8 inch tubing with a packer will be set at 4,254 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. There are 4 producing wells and 2 injection wells in the area of review. All of the wells have evidence of 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 1,150 feet. Injection shall be limited to the interval between 4,107 feet and 6,089 feet in the Green River Formation. Information submitted by Inland indicates that the fracture gradient for the 11-3-9-16 well is .79 psi/ft. which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,859 psig. The requested maximum pressure is 1,859 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.

**South Wells Draw 11-3-9-16**  
**page 2**

**Oil/Gas& Other Mineral Resources Protection:** The Board of Oil, Gas & Mining approved the South Wells Draw Unit July 16, 2001 . 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.

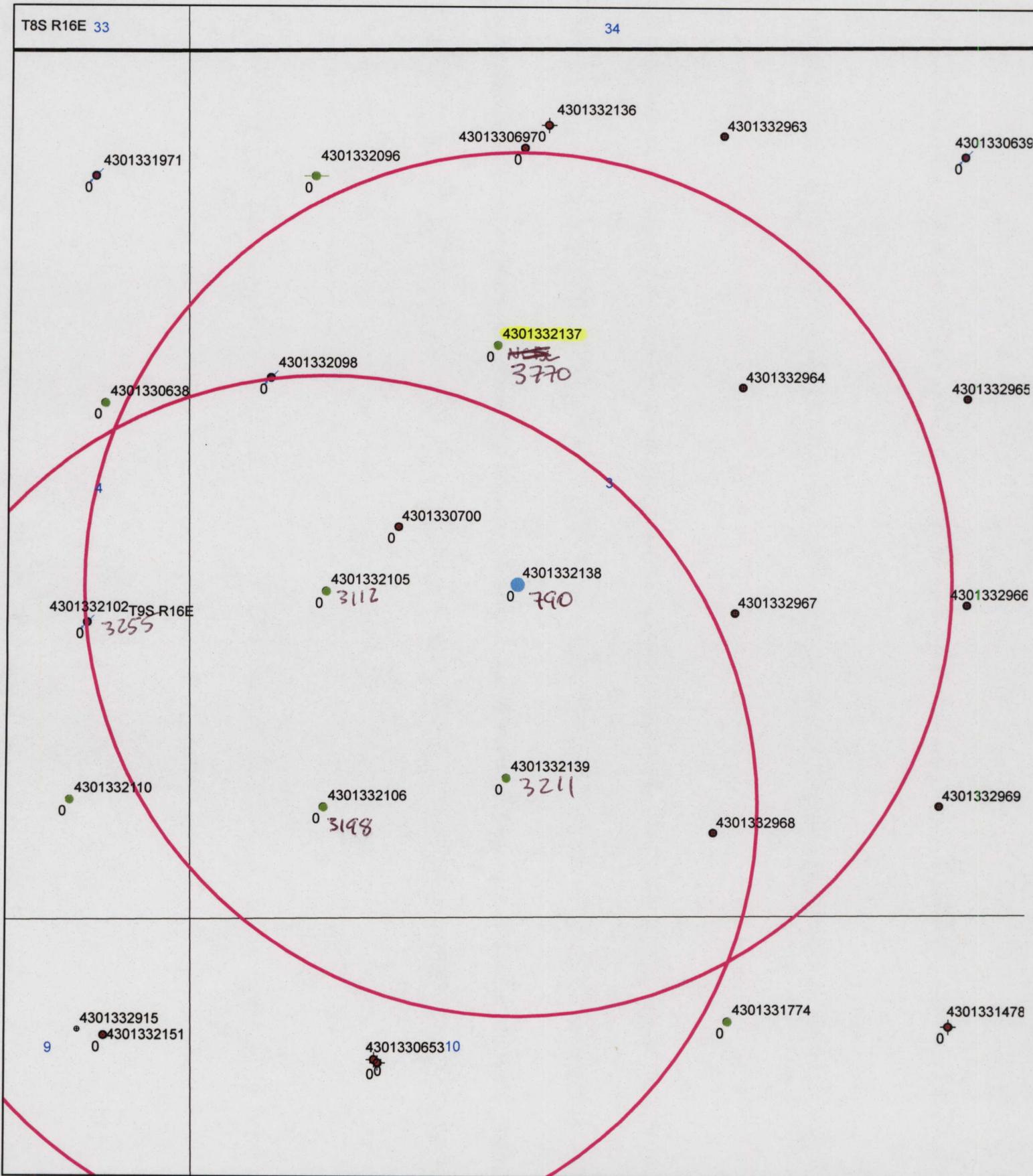
**Bonding:** Bonded with the BLM

**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 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 08/29/2006

# SWD 11-3-9-16 UIC-331.10



**NEWFIELD**



February 24, 2006

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  
South Wells Draw #11-3-9-16  
Monument Butte Field, South Wells Draw Unit, Lease #UTU-77338  
Section 3 -Township 9S-Range 16E  
Duchesne County, Utah

Dear Mr. Jarvis:

Newfield Production Company herein requests approval to convert the South Wells Draw #11-3-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field, South Wells Draw Unit.

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

Sincerely,

A handwritten signature in black ink that reads "David Gerbig".

David Gerbig  
Operations Engineer

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DIVISION OF OIL, GAS AND MINING

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**SOUTH WELLS DRAW #11-3-9-16**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**SOUTH WELLS DRAW UNIT**  
**LEASE #UTU-77338**  
**FEBRUARY 24, 2006**

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# South Wells Draw 11-3-9-16

Spud Date: 02/19/02  
 Put on Production: 03/29/05  
 GL: 5618' KB: 5628'

Initial Production: BOPD,  
 MCFD, BWPD

## Proposed Injection Wellbore Diagram

### SURFACE CASING

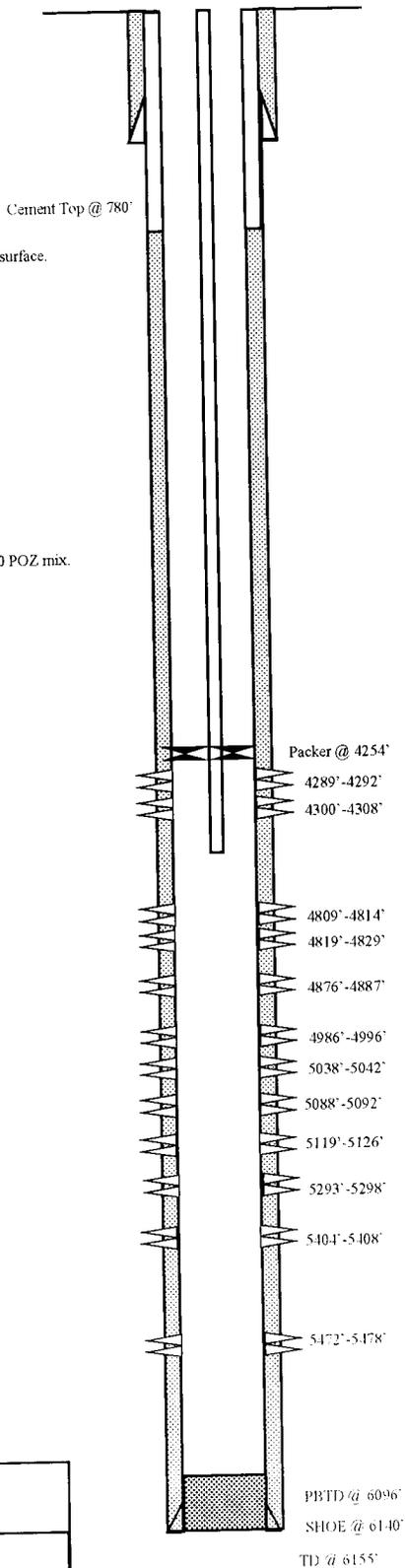
CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (303.36')  
 DEPTH LANDED: 311.36' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 150 sks Class G Mix. Est 3.5 bbls cement to surface.

### PRODUCTION CASING

CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 146 jts. (6141.54')  
 DEPTH LANDED: 6139.54' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ mix.  
 CEMENT TOP AT: 780'

### TUBING

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 167 jts (5445.16')  
 TUBING ANCHOR: 5457.16' KB  
 NO. OF JOINTS: 1 jts (33.38')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 5493.34' KB  
 NO. OF JOINTS: 2 jts (63.96')  
 TOTAL STRING LENGTH: 5558.85' w/ 12.5' KB



### FRAC JOB

- 03/22/05 5293'-5478' **Frac LODC and A3 sands as follows:**  
 30,164#s of 20/40sand in 323 bbls lightning  
 17 frac fluid. Treated @ avg press of 1956,  
 w/avg rate of 24.7 bpm. ISIP 1870 psi. Calc  
 flush: 5291 gal. Actual flush: 5334 gal.
- 03/22/05 4986'-5126' **Frac B2, B1, B.5,C sands as follows:**  
 90,133#s of 20/40 sand in 650 bbls lightning  
 17 frac fluid. Treated @ avg press of 1928,  
 w/avg rate of 24.7 bpm. ISIP 2000 psi. Calc  
 flush: 4984 gal. Actual flush: 4998 gal.
- 03/23/05 4809'-4887' **Frac D2 and D1 sands as follows:**  
 120,321#s of 20/40 sand in 819 bbls  
 lightning 17 frac fluid. Treated @ avg press  
 of 1861, w/avg rate of 24.7 bpm. ISIP 2200  
 psi. Calc flush: 4807 gal. Actual flush: 4788  
 gal.
- 03/23/05 4289'-4308' **Frac BG4 sands as follows:**  
 43,679#s of 20/40 sand in 388 bbls lightning  
 17 frac fluid. Treated @ avg press of 2188,  
 w/avg rate of 24.8 bpm. ISIP 2125 psi. Calc  
 flush: 4287 gal. Actual flush: 4200 gal.

### PERFORATION RECORD

Date	Interval	Tool	Holes
03/16/05	5472'-5478'	4 JSPF	24 holes
03/16/05	5404'-5408'	4 JSPF	16 holes
03/16/05	5293'-5298'	4 JSPF	20 holes
03/22/05	5119'-5126'	4 JSPF	28 holes
03/22/05	5088'-5092'	4 JSPF	16 holes
03/22/05	5038'-5042'	4 JSPF	16 holes
03/22/05	4986'-4996'	4 JSPF	40 holes
03/22/05	4876'-4887'	4 JSPF	14 holes
03/22/05	4819'-4829'	4 JSPF	40 holes
03/22/05	4809'-4814'	4 JSPF	20 holes
03/23/05	4300'-4308'	1 JSPF	32 holes
03/23/05	4289'-4292'	4 JSPF	12 holes

**NEWFIELD**

South Wells Draw # 11-3-9-16  
 2028' FSL & 2008' FWL  
 NE SW Section 3-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-32138; Lease #UTU-77338

## **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 and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS  
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

**2.1 The name and address of the operator of the project.**

Newfield Production Company  
1401 17<sup>th</sup> Street, Suite 1000  
Denver, Colorado 80202

**2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.

**2.3 A full description of the particular operation for approval is requested.**

Approval is requested to convert the South Wells Draw #11-3-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field, South Wells Draw Unit.

**2.4 A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.

**2.5 The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the South Wells Draw #11-3-9-16 well, the proposed injection zone is from Garden Gulch to Basal Limestone (4107' - 6089'). The confining strata directly above and below the injection zones are the Garden Gulch and Castle Peak Members of the Green River Formation, with the Garden Gulch Marker top at 4107' and the Castle Peak top at 5655'.

**2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the South Wells Draw #11-3-9-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The secondary type of fluid to be used for injection will be culinary water from the Johnson Water District commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a State lease (Lease #UTU-77338) in the Monument Butte (Green River) Field, South Wells Draw Unit, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,  
STORAGE AND ENHANCED RECOVERY WELLS  
SECTION V – RULE R615-5-2**

1. **Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
2. **The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
  - 2.1 **A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.
  - 2.2 **Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.
  - 2.3 **A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.
  - 2.4 **Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.
  - 2.5 **A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24#, J-55 surface casing run to 303' GL, and 5-1/2" 15.5# J-55 casing run from surface to 6140' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
  - 2.6 **A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water from the Johnson Water District supply line. The secondary type of fluid to be used for injection will be culinary water from the Johnson Water District commingled with produced water. The estimated average rate of injection will be 300 BPD. and the estimated maximum rate of injection will be 500 BPD.
  - 2.7 **Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

**The proposed average and maximum injection pressures.**

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1859 psig.

**2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The minimum fracture gradient for the South Wells Draw #11-3-9-16, for existing perforations (4289' - 5478') calculates at 0.79 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1859 psig. We may add additional perforations between 4107' and 6149'. See Attachments G and G-1.

**2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.**

In the South Wells Draw #11-3-9-16, the proposed injection zone (4107' - 6089') is in the Garden Gulch to Basal limestone members of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Field. Outside the Monument Butte Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. 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.

**2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.**

See Attachments E through E-6.

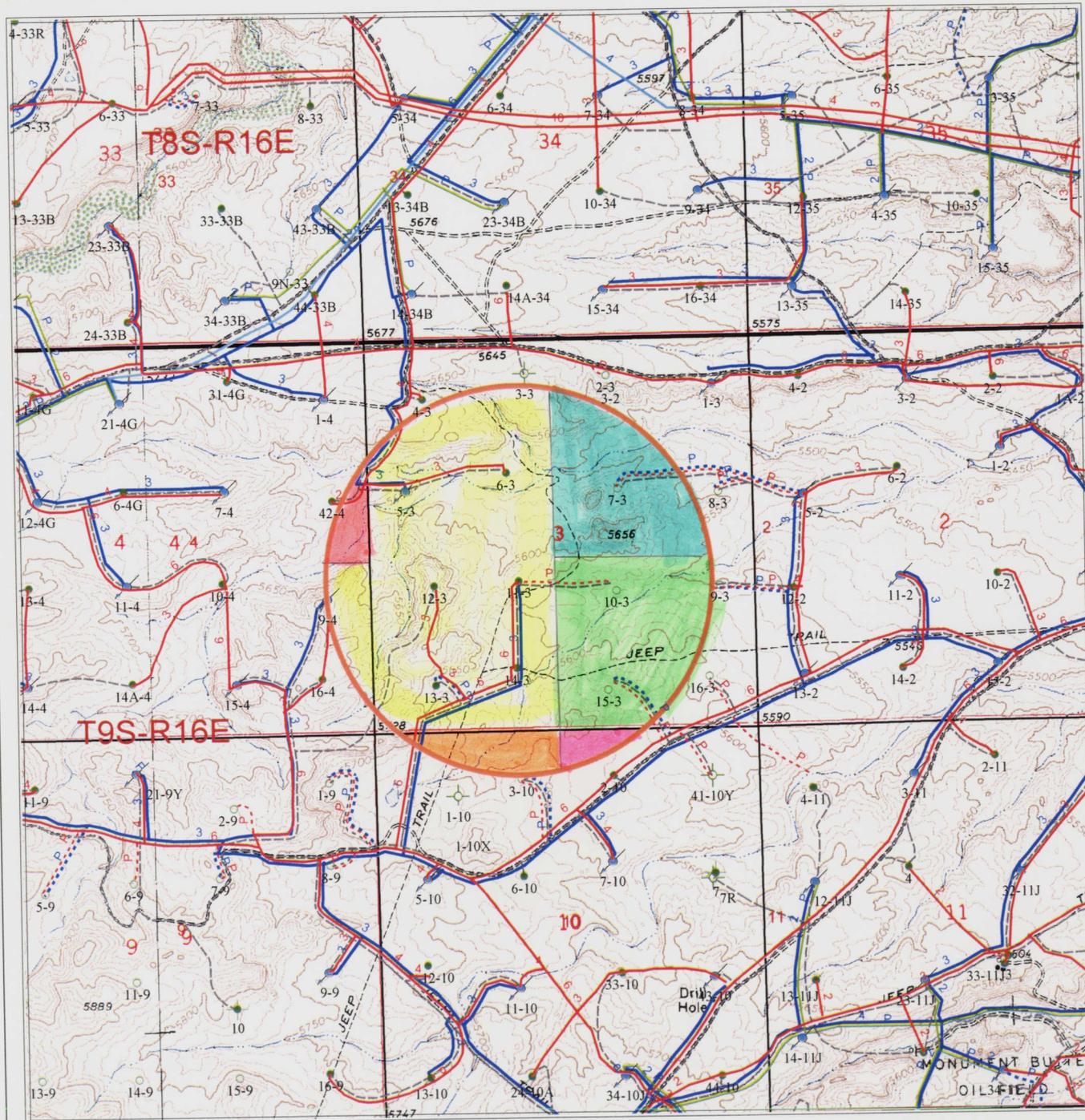
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure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

**2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

See Attachment C.

**2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

Newfield Production Company will supply any requested information to the Board or Division.



- Well Status**
- Location
  - Surface Spud
  - Drilling
  - Waiting on Completion
  - Producing Oil Well
  - Producing Gas Well
  - Water Injection Well
  - Dry Hole
  - Temporarily Abandoned
  - Plugged & Abandoned
  - Shut In
- Injection system**
- high pressure
  - low pressure
  - proposed
  - return
  - return proposed
- Gas Pipelines**
- Gathering lines
  - Proposed lines
  - Mining tracts
  - 11-3-9-16 1/2mile radius

UTU-77338

UTU-30096

UTU-79832

UTU-65207

UTU-76813

UTU-47172

Attachment A  
 South Wells Draw 11-3-9-16  
 Section 3, T9S-R16E

**NEWFIELD**  
  
 ROCKY MOUNTAINS 1" = 2000'

1/2 Mile Radius Map  
 Duchesne County

Alamo Plaza Building  
 1401 17th Street Suite 1000  
 Denver, Colorado 80202-1247  
 Phone: (303) 893-0102

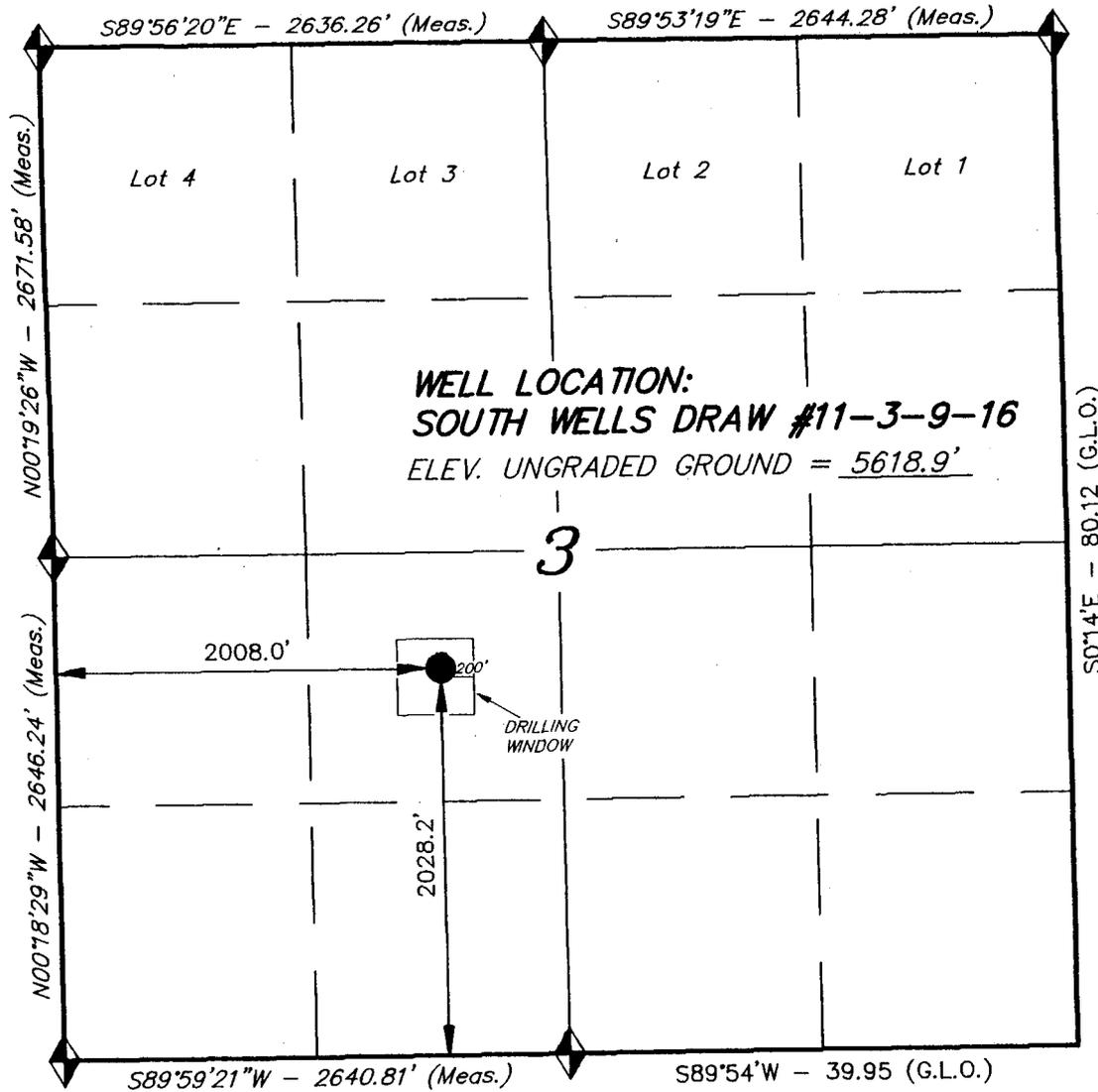
February 17, 2006

**T9S, R16E, S.L.B.&M.**

**INLAND PRODUCTION COMPANY**

WELL LOCATION, SOUTH WELLS DRAW  
 #11-3-9-16, LOCATED AS SHOWN IN THE  
 NE 1/4 SW 1/4 OF SECTION 3, T9S, R16E,  
 S.L.B.&M. DUCHESNE COUNTY, UTAH.

Attachment A-1



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.

*Gene Stewart*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION No. 444102  
 STATE OF UTAH

**TRI STATE LAND SURVEYING & CONSULTING**  
 38 WEST 100 NORTH - VERNAL, UTAH 84078  
 (801) 781-2501

SCALE: 1" = 1000'	SURVEYED BY: G.S. D.S.
DATE: 11-8-98	WEATHER: COOL
REVISIONS:	FILE #

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)  
 BASIS OF BEARINGS IS A GLOBAL POSITIONING SATELITE OBSERVATION

EXHIBIT B

Page 1

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
1	<u>Township 9 South, Range 16 East</u> Section 4: Lots 1-4, S/2N/2 Section 5: Lots 1-3, S/2NE/4, SE/4NW/4, NE/4SW/4	UTU-30096 HBP	Newfield Production Company Key Production Company	(Surface Rights) USA
2	<u>Township 9 South, Range 16 East</u> Section 3: Lots 3,4,S/2NW/4, SW/4 Section 4: NE/4SW/4, SE/4	UTU-77338 HBP	Newfield Production Company	(Surface Rights) USA
3	<u>Township 9 South, Range 16 East</u> Section 3: SE/4 Section 4: SE/4SW/4	UTU-79832 HBP	Yates Petroleum Corporation Newfield Production Company	(Surface Rights) USA
4	<u>Township 9 South, Range 16 East</u> Section 3: Lots 1, 2, S/2NE/4	UTU-47172 HBP	Coastal Oil & Gas Corporation	(Surface Rights) USA

EXHIBIT B

Page 2

#	Land Description	Minerals Ownership & Expires	Minerals Leased By	Surface Rights
5	<u>Township 9 South, Range 16 East</u> Section 10: Lots 1, 2, S/2NE/4	UTU-76813 HBP	Newfield Production Company Yates Petroleum Corporation Yates Drilling Company ABO Petroleum Corporation Myco Industries, Inc.	(Surface Rights) USA
6	<u>Township 9 South, Range 16 East</u> Section 9: NE/4, NE/4NW/4 Section 10: N/2NW/4	UTU-65207 HBP	Newfield Production Company Yates Petroleum Corporation Yates Drilling Company ABO Petroleum Corporation Myco Industries, Inc.	(Surface Rights) USA

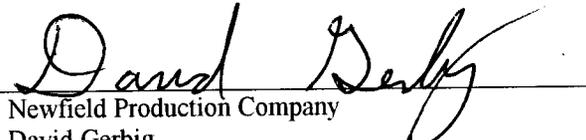
ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well  
South Wells Draw #11-3-9-16

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: \_\_\_\_\_

  
Newfield Production Company  
David Gerbig  
Operations Engineer

Sworn to and subscribed before me this 22 day of March, 2006.

Notary Public in and for the State of Colorado: \_\_\_\_\_

My Commission Expires: \_\_\_\_\_

# South Wells Draw 11-3-9-16

Spud Date: 02/19/02  
 Put on Production: 03/29/05  
 GL: 5618' KB: 5628'

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (303.36')  
 DEPTH LANDED: 311.36' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 150 sks Class G Mix. Est 3.5 bbls cement to surface.

**PRODUCTION CASING**

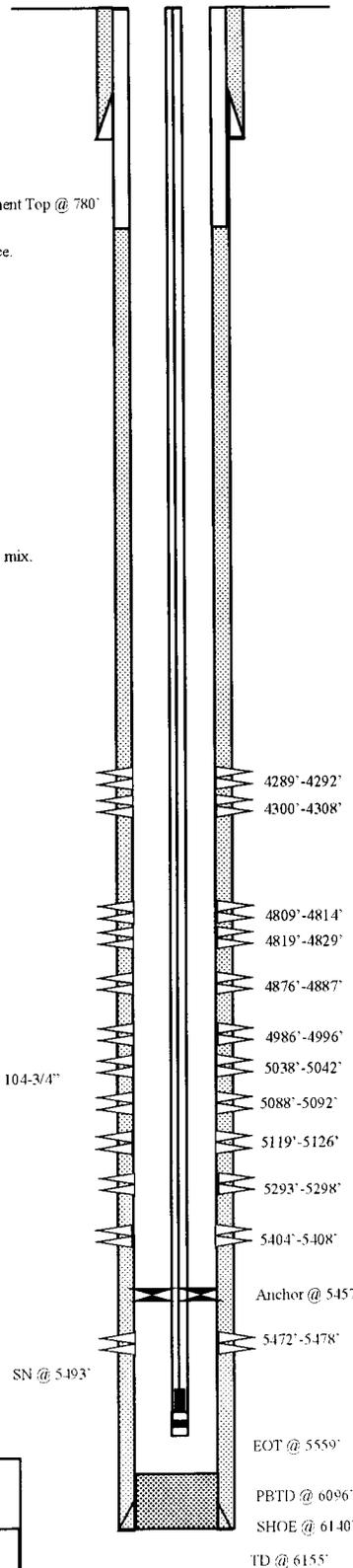
CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 146 jts. (6141.54')  
 DEPTH LANDED: 6139.54' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ mix.  
 CEMENT TOP AT: 780'

**TUBING**

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 167 jts (5445.16')  
 TUBING ANCHOR: 5457.16' KB  
 NO. OF JOINTS: 1 jts (33.38')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 5493.34' KB  
 NO. OF JOINTS: 2 jts (63.96')  
 TOTAL STRING LENGTH: 5558.85' w/ 12.5' KB

**SUCKER RODS**

POLISHED ROD: 1 1/2" x 22'  
 SUCKER RODS: 1-2', 1-4' x 3/4" pony rods, 99-3/4" scraped rods, 104-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weighted rods.  
 PUMP SIZE: 2 1/2" x 1 1/2" x 12" x 15.5" RHAC CDI  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 5 SPM  
 LOGS: Open hole, CBL



**FRAC JOB**

03/22/05 5293'-5478' **Frac LODC and A3 sands as follows:**  
 30,164#s of 20/40sand in 323 bbls lightning  
 17 frac fluid. Treated @ avg press of 1956.  
 w/avg rate of 24.7 bpm. ISIP 1870 psi. Calc  
 flush: 5291 gal. Actual flush: 5334 gal.

03/22/05 4986'-5126' **Frac B2, B1, B.5,C sands as follows:**  
 90,133#s of 20/40sand in 650 bbls lightning  
 17 frac fluid. Treated @ avg press of 1928.  
 w/avg rate of 24.7 bpm. ISIP 2000 psi. Calc  
 flush: 4984 gal. Actual flush: 4998 gal.

03/23/05 4809'-4887' **Frac D2 and D1 sands as follows:**  
 120,321#s of 20/40 sand in 819 bbls  
 lightning 17 frac fluid. Treated @ avg press  
 of 1861, w/avg rate of 24.7 bpm. ISIP 2200  
 psi. Calc flush: 4807 gal. Actual flush: 4788  
 gal.

03/23/05 4289'-4308' **Frac BG4 sands as follows:**  
 43,679#s of 20/40 sand in 388 bbls lightning  
 17 frac fluid. Treated @ avg press of 2188,  
 w/avg rate of 24.8 bpm. ISIP 2125 psi. Calc  
 flush: 4287 gal. Actual flush: 4200 gal.

**PERFORATION RECORD**

Date	Depth Range	Perforation Type	Holes
03/16/05	5472'-5478'	4 JSFP	24 holes
03/16/05	5404'-5408'	4 JSFP	16 holes
03/16/05	5293'-5298'	4 JSFP	20 holes
03/22/05	5119'-5126'	4 JSFP	28 holes
03/22/05	5088'-5092'	4 JSFP	16 holes
03/22/05	5038'-5042'	4 JSFP	16 holes
03/22/05	4986'-4996'	4 JSFP	40 holes
03/22/05	4876'-4887'	4 JSFP	44 holes
03/22/05	4819'-4829'	4 JSFP	40 holes
03/22/05	4809'-4814'	4 JSFP	20 holes
03/23/05	4300'-4308'	4 JSFP	32 holes
03/23/05	4289'-4292'	4 JSFP	12 holes



**South Wells Draw # 11-3-9-16**  
 2028' FSL & 2008' FWL  
 NE/SW Section 3-T9S-R16E  
 Duchesne Co. Utah  
 API #43-013-32138; Lease #UTU-77338

# South Wells Draw #5-3-9-16

Spud Date: 11/18/99  
 Put on Production: 12/21/99  
 Put on Injection: 3/4/02  
 GL: 5599' KB: 5609'

Initial Production: 63 BOPD, 67 MCFD  
 0 BWPD

## Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 8 jts (328.27')  
 DEPTH LANDED: 326'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 306 sx Class "G" plus additives

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 139 jts (5835.89')  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 355 sxs PremLite II, followed by 455 sxPremLite with 1/4# per sx Cello Flake + 2% gel + .3% SM.  
 CEMENT TOP AT:  
 SET AT: 5831.27'

### TUBING

SIZE/GRADE/WT: 2-3/8", 4.7#, LS  
 NO. OF JOINTS: 132 jts. (4245.95')  
 SEATING NIPPLE: 2-3/8" x 3.10'  
 SN LANDED AT: 4255.95'  
 TUBING ANCHOR: 4260.95'  
 TOTAL STRING LENGTH: EOT @ 4263.25'

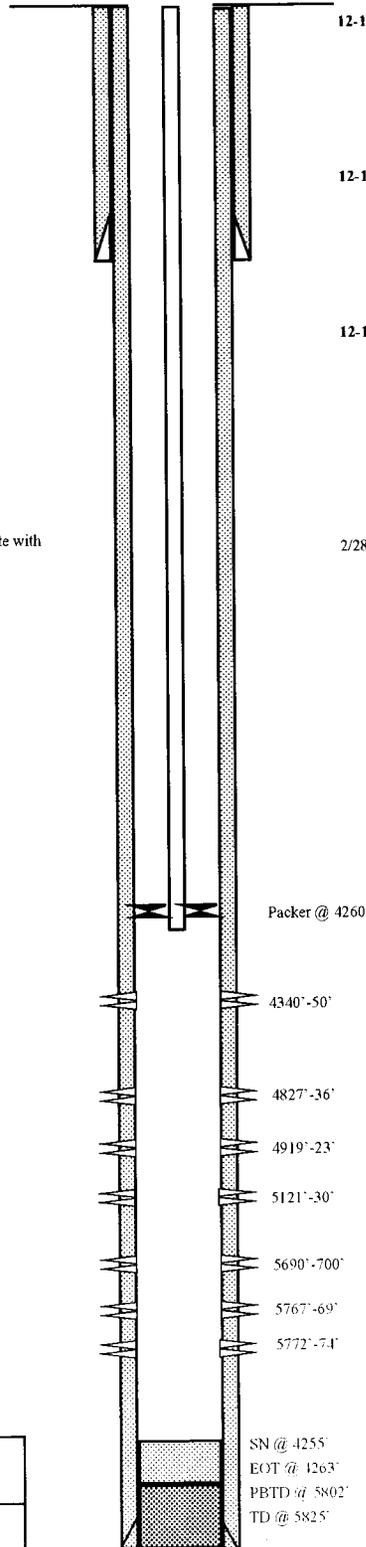
### FRAC JOB

**12-14-99 5690-5774'** **Frac CP sand as follows:**  
 46,369# 20/40 sand in 342 bbbs Viking fluid. Breakdown @ 3400 psi. Treated w/avg press of 2500 psi w/avg rate of 25 BPM. ISIP-2040 psi, 5 min 1813 psi. Left pressure on well.

**12-14-99 4827-4923'** **Frac D sand as follows:**  
 54,978# 20/40 sand in 395 bbbs Viking fluid. Perfs broke down @ 1900 psi. Treated w/avg press of 1900 psi w/avg rate of 26 BPM. ISIP-2245 psi, 5 min 2186 psi. Left pressure on well.

**12-14-99 4340-4350'** **Frac GB sand as follows:**  
 Unable to break down perfs. Re-perfed with additional 4 JSPF. 38,691# 20/40 sand in 315 bbbs Viking fluid. Perfs broke down @ 4030 psi. Treated w/avg press of 2200 psi w/avg rate of 22.4 BPM. ISIP-2236 psi, 5 min 2016 psi. Flow back on 12/64" ck for 3 hrs & died. Recovered 110 BTF.

2/28/02 Convert to injector. Update tubing details.



### PERFORATION RECORD

Date	Depth Range	Perforation Type	Holes
12-14-99	5690'-5700'	4 JSPF	40 holes
12-14-99	5767'-5769'	4 JSPF	8 holes
12-14-99	5772'-5774'	4 JSPF	8 holes
12-14-99	4827'-4836'	4 JSPF	36 holes
12-14-99	4919'-4923'	1 JSPF	16 holes
12-14-99	4340'-4350'	4 JSPF	80 holes
2/27/02	5121'-5130'	4 JSPF	36 holes



**Inland Resources Inc.**

**South Wells Draw #5-3-9-16**

2018' FNL & 491' FWL

SWNW Section 3-T9S-R16E

Duchesne Co, Utah

API #43-013-32098 Lease #U-77338

# South Wells Draw #6-3-9-16

Initial Production: 68 BOPD, 161 MCFD  
4 BWPD

Spud Date: 5/15/00  
Put on Production: 6/21/00  
GL: 5573' KB: 5583' KB

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (274.70')  
DEPTH LANDED: 286.55'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 141 sx Class "G" plus additives

**PRODUCTION CASING**

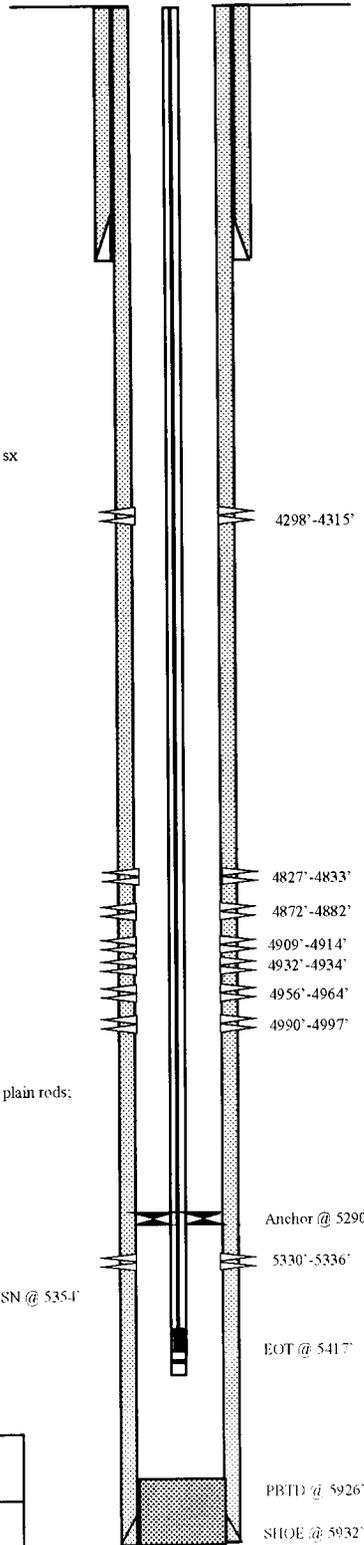
CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 139 jts (5934.31')  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 265 sx PremLite II pls additives; followed by 400 sx 50/50 Poz with additives.  
SET AT: 5931.91' KB

**TUBING**

SIZE/GRADE/WT: 2-7/8", J-55, 6.5#  
NO. OF JOINTS: 4 jts. (123.53')  
NO. OF JOINTS: 149 jts. (4644.46')  
NO. OF JOINTS: 16 jts. (511.96')  
TUBING ANCHOR: 5289.96'  
NO. OF JOINTS: 2 jts. (5292.76')  
SEATING NIPPLE: 2-7/8" x 1.10'  
SN LANDED AT: 5354.32'  
NO. OF JOINTS: 2 jts. (5355.42')  
TOTAL STRING LENGTH: EOT @ 5416.81'

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22'  
SUCKER RODS: 4-1 1/2" wt bars, 14-3/4" scraped rods; 81- 3/4" plain rods;  
113- 3/4" scraped rods; 2- 4'x3/4" pony rods.  
PUMP SIZE: 2-1/2"x1-1/2"x 12"x15" RHAC  
STROKE LENGTH: 74"  
PUMP SPEED: 4 SPM



**FRAC JOB**

**6-13-00 5330-5336'** **Frac A sand as follows:**  
68,307# 20/40 sand in 475 bbls 1-25 Viking fluid. Breakdown @ 2841 psi. Treated w/avg press of 2600 psi w/avg rate of 29.1 BPM. ISIP-2270 psi, 5 min 2140 psi. Flowed back on 12/64 choke for 3.5 hrs & died. Rec 122 BTF.

**6-16-00 4827-4997'** **Frac D/C sand as follows:**  
90,400# 20/40 sand in 520 bbls Viking fluid. Perfs broke down @ 2620 psi. Treated w/avg press of 2000 psi w/avg rate of 33.2 BPM. ISIP-2358 psi, 5 min 2311 psi. Left pressure on well. Est. 734 BWTR.

**6-16-00 4298-4315'** **Frac GB sand as follows:**  
81,240# 20/40 sand in 492 bbls Viking fluid. Perfs broke down @ 3577 psi. Treated w/avg press of 2200 psi w/avg rate of 28.5 BPM. ISIP-2488 psi, 5 min 2461 psi. Flow back on 12/64" ck for 4.5 hrs & died. Recovered 165 BTF.

6/21/00 Hole in tubing. Update rod and tubing details.  
1/17/02 Hole in tubing. Update rod and tubing details.  
03/04/03 Hole in tubing. Update rod and tubing details.  
11/4/05 Parted rods. Update rod and tubing details

**PERFORATION RECORD**

Date	Interval	Job	Holes
6-13-00	5330'-5336'	4 JSPP	24 holes
6-14-00	4827'-4833'	2 JSPP	12 holes
6-14-00	4872'-4882'	2 JSPP	20 holes
6-14-00	4909'-4914'	2 JSPP	10 holes
6-14-00	4932'-4934'	2 JSPP	4 holes
6-14-00	4956'-4964'	2 JSPP	16 holes
6-14-00	4990'-4997'	2 JSPP	14 holes
6-16-00	4298'-4315'	4 JSPP	68 holes

**NEWFIELD**

**South Wells Draw #6-3-9-16**  
1813' FNL & 1876' FWL  
SENW Section 3-T9S-R16E  
Duchesne Co. Utah  
API #43-013-32137 Lease #U-77338

# South Wells Draw #12-3-9-16

Spud Date: 10/29/98  
 Put on Production: 9/13/01  
 GL: 5684' KB: 5694'

Initial Production: 54.7 BOPD,  
 146.1 MCFD, 12.3 BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (315')  
 DEPTH LANDED: 325'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sx Class "G" plus additives

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 137 jts (5909')  
 SET AT: 5918'  
 HOLE SIZE: 7-7/8" SN @ 4891'  
 CEMENT DATA: 280 sx PremLite modified; followed by 280 sx Class "G" plus additives.

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 149 jts (4822.77')  
 TUBING ANCHOR: 4825.57'  
 NO. OF JOINTS: 2 jts (4890.17')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4891.27 KB  
 NO. OF JOINTS: 2 jts (4956.35')  
 TOTAL STRING LENGTH: EOT @ 4956.15'

**SUCKER RODS**

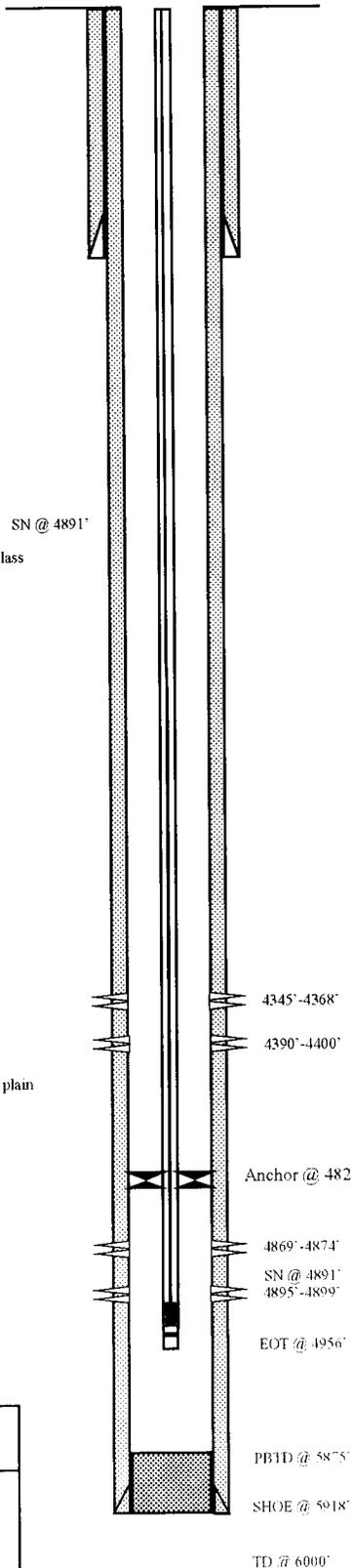
POLISHED ROD: 1-1/2" x 22' SM  
 SUCKER RODS: 6-1 1/2" weight bars; 10-3/4" scraped rods; 89-3/4" plain rods, 90-3/4" scraped rods, 1-6, 1-2' x 3/4" pony rod.  
 PUMP SIZE: 2-1/2" x 1 1/2" x 15 1/2" RHAC  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 4.5 SPM  
 LOGS: DIGL/SP/GR/CAL

**FRAC JOB**

9/10/01 4869'-4899' **Frac D1 sands as follows:**  
 43,420# 20/40 sand in 391 bbls Viking I-25 fluid. Treated @ avg press of 2125 psi w/avg rate of 31 BPM. ISIP 2000 psi.  
 9/10/01 4345'-4400' **Frac GB sands as follows:**  
 128,420# 20/40 sand in 892 bbls Viking I-25 fluid. Treated @ avg press of 1925 psi w/avg rate of 31.2 BPM. ISIP 2140 psi. Flowed for 8.5 hrs then died.  
 9/19/02 Stuck pump. Update rod and tubing details.  
 11/12/03 Stuck pump. Update rod details.  
 4/12/04 Pump change. Update rod details.

**PERFORATION RECORD**

9/10/01	4895'-4899'	4 JSPF	16 holes
9/10/01	4869'-4874'	4 JSPF	20 holes
9/10/01	4390'-4400'	4 JSPF	40 holes
9/10/01	4345'-4368'	4 JSPF	92 holes



**Inland Resources Inc.**  
 South Wells Draw #12-3-9-16  
 1980' FSL & 844' FWL  
 NWSW Section 3-T9S-R16E  
 Duchesne Co. Utah  
 API #43-013-32105 Lease #U-77338

# South Wells Draw 13-3-9-16

Spud Date: 9-22-00  
Put on Production: 4-6-05

Initial Production: BOPD 17,  
MCFD 36, BWPD 52

GL: 4941' KB: 4953'

**SURFACE CASING**

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (299.08')  
DEPTH LANDED: 311' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 155 sks Class "G" est. 7 bbbs to surface

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 138 jts. (6092')  
DEPTH LANDED: 6131' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 350 sks Premlite II & 450 sks 50/50 POZ  
CEMENT TOP AT: 50'

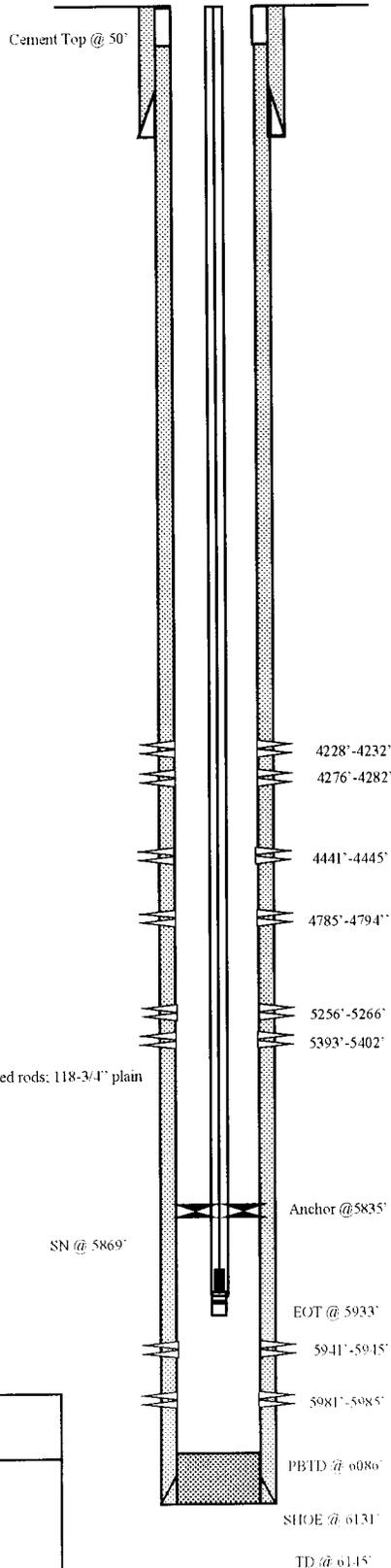
**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 187 jts (5823')  
TUBING ANCHOR: 5835' KB  
NO. OF JOINTS: 1 jts (31')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5869' KB  
NO. OF JOINTS: 2 jts (62.46')  
TOTAL STRING LENGTH: EOT @ 5933' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22"  
SUCKER RODS: 6 1-1/2" weight bars; 10-3/4" scraped rods; 118-3/4" plan rods; 99-3/4" scraped rods; 1-2' x 3/4" pony rod.  
PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 15' RHAC  
STROKE LENGTH: 86"  
PUMP SPEED: 6 SPM

Wellbore Diagram



**FRAC JOB**

3-31-05	5941'-5985''	<b>Frac CP5 and CP4 sand as follows:</b> 25,226#'s of 20/40 sand in 317 bbbs of Lightning 17 frac fluid. Treated @ ave pressure of 1835 w/ avg rate of 24.9 bpm w/up to 8 ppg of sand. ISIP was 1920. 463 bbbs EWTR. Calc. flush 5938 gal. Actual flush 5964 gal.
3-31-05	5393'-5402''	<b>Frac LODC sand as follows:</b> 20,302#'s of 20/40 sand in 283 bbbs Lightning 17 frac fluid. Treated @ ave. pressure of 1878 w/ave reate of 24.8 BPM w/up to 8 ppg of sand. ISIP was 2230. Calc. flush 5391 gals. Actual flush 5418 gals
3-31-05	5256'-5266''	<b>Frac A1 sand as follows:</b> 50,376#'s of 20/40 sand in 423 bbbs Lightning 17 frac fluid. Treated @ ave pressure 1883 w/ave rate of 24.8 BPM. ISIP was 2010. Calc. flush 5253 gals. Actual flush 4914 gals.
3-31-05	4785'-4794''	<b>Frac D1 sand as follows:</b> 24,722#'s of 20/40 sand in 292 bbbs Lightning 17 frac fluid. Treated @ ave pressure 2033 w/ ave rate of 24.9 BPM. ISIP was 2025. Calc. flush 4783 gals. Actual flush 4746.
3-31-05	4441'-4228''	<b>Frac PB8, GB6 and GB4 sand as follows:</b> 37,704#'s of 20/40 sand in 375 bbbs of Lightning 17 frac fluid. Treated @ ave pressure of 1885 w ave rate of 25 BPM. ISIP was 2020. Calc. flush 4439 gals. Actual flush 4158 gals.

**PERFORATION RECORD**

3-23-05	5981'-5985'	4 JSPF	16 holes
3-23-05	5941'-5945'	4 JSPF	16 holes
3-31-05	5393'-5402'	4 JSPF	36 holes
3-31-05	5256'-5266'	4 JSPF	40 holes
3-31-05	4785'-4794'	4 JSPF	36 holes
3-31-05	4441'-4445'	4 JSPF	16 holes
3-31-05	4276'-4282'	4 JSPF	24 holes
3-31-05	4228'-4232'	4 JSPF	16 holes

**NEWFIELD**

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**South Wells Draw 13-3-9-16**  
 633' FSL 835' FWL  
 SW/SW Section 3-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-32106; Lease #UTU-77338

# South Wells Draw 14-3-9-16

Spud Date: 2/18/2002  
 Put on Production: 1/27/2005  
 GL: 5615' KB:5627'

Initial Production: BOPD,  
 MCFD, BWPD

Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (303.12')  
 DEPTH LANDED: 311.12' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 150sxs Class "G" cmt, est 4.5 bbl cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 145 jts. (6100.78')  
 DEPTH LANDED: 6098.78' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 350 sxs Prem. Lite II & 450 sxs 50/50 POZ mix  
 CEMENT TOP AT: 664'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 178 jts (5785.14')  
 TUBING ANCHOR: 5797.14' KB  
 NO. OF JOINTS: 2 jts (65.17')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 5865.11' KB  
 NO. OF JOINTS: 2 jts (65.11')  
 TOTAL STRING LENGTH: EOT @ 5931.77' w/ 12' KB

**SUCKER RODS**

POLISHED ROD: 1 1/2" x 22'  
 SUCKER RODS: 1-6', 1-4', 1-2' x 3/4" pony rods; 100-3/4" scraped rods;  
 118-3/4" plain rods; 10-3/4" scraped rods; 6-1 1/2" weight rods  
 PUMP SIZE: 2 1/2" x 1 1/2" x 14.5 RHAC pump w/ SM Plunger  
 STROKE LENGTH: 86"  
 PUMP SPEED, SPM: 5 SPM  
 LOGS: DIGL/SP/GR/CAL.

**FRAC JOB**

1/21/05 5826'-5974' **Frac CP5, 4, 3 sands as follows:**  
 75,962# 20/40 sand in 604 bbls Lightning  
 17 frac fluid. Treated @ avg press of 1962 psi  
 w/avg rate of 25.5 BPM. ISIP 1880 psi. Calc  
 flush: 5824 gal. Actual flush: 5863 gal.

1/21/05 5660'-5736' **Frac CP2, 1 sands as follows:**  
 100,304# 20/40 sand in 734 bbls Lightning  
 17 frac fluid. Treated @ avg press of 1885 psi  
 w/avg rate of 25.4 BPM. ISIP 1930 psi. Calc  
 flush: 5658 gal. Actual flush: 5657 gal.

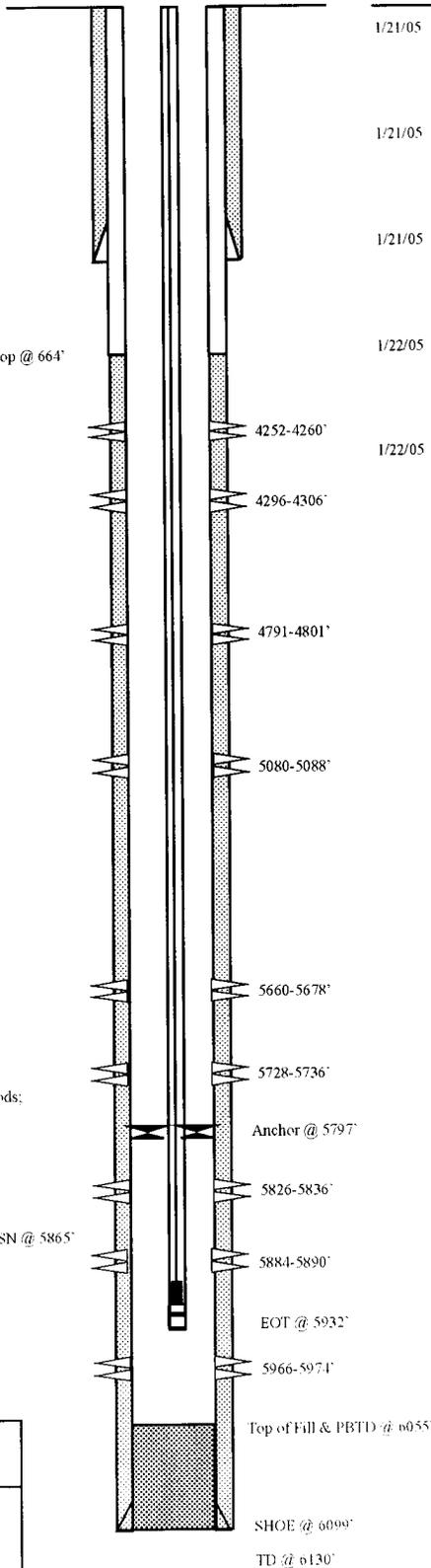
1/21/05 5080'-5088' **Frac B2 sands as follows:**  
 35,296# 20/40 sand in 349 bbls Lightning  
 17 frac fluid. Treated @ avg press of 1995 psi  
 w/avg rate of 25.2 BPM. ISIP 1980 psi. Calc  
 flush: 5078 gal. Actual flush: 5077 gal.

1/22/05 4791'-4801' **Frac D1 sands as follows:**  
 26,035# 20/40 sand in 281 bbls Lightning  
 17 frac fluid. Treated @ avg press of 1890 psi  
 w/avg rate of 14.8 BPM. ISIP 2030 psi. Calc  
 flush: 4789 gal. Actual flush: 4788 gal.

1/22/05 4252'-4306' **Frac GB6 and 4 sands as follows:**  
 63,646# 20/40 sand in 474 bbls lightning Frac  
 17 fluid. Treated @ avg press of 2271 psi  
 w/avg rate of 25.4 BPM. ISIP 2425 psi. Calc  
 flush: 4250 gal. Actual flush: 4158 gal.

**PERFORATION RECORD**

1/18/05	5966-5974'	4 JSPP	32 holes
1/18/05	5884-5890'	4 JSPP	24 holes
1/18/05	5826-5836'	4 JSPP	40 holes
1/21/05	5728-5736'	4 JSPP	32 holes
1/21/05	5660-5678'	4 JSPP	72 holes
1/21/05	5080-5088'	4 JSPP	32 holes
1/21/05	4791-4801'	4 JSPP	40 holes
1/22/05	4296-4306'	4 JSPP	40 holes
1/22/05	4252-4260'	4 JSPP	32 holes



**NEWFIELD**

South Wells Draw 14-3-9-16

846' FSL & 1951' FWL

SWSSE Section 3-T9S-R16E

Duchesne Co. Utah

API #43-013-32139, Lease #UTU-77338

# South Wells Draw #9-4-9-16

Spud Date: 10/13/98  
 Put on Production: 11/10/98  
 GL: 5689' KB: 5699'

Initial Production: 69 BOPD, 124 MCFD  
 8 BWPD

## Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (311')  
 DEPTH LANDED: 297'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 140 sx Class "G" w/2% CC, 2% gel, 1/2 #/sx floccle

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 137 jts (5981')  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 280 sx Premium Lite Mod, and 340 sx Class "G" w/10% A-10 and 10% salt.  
 CEMENT TOP AT:  
 SET AT: 5990'

### TUBING

SIZE/GRADE/WT: 2-7/8", 6.5#, M-50  
 NO. OF JOINTS: 152 jts. (4712.22')  
 SEATING NIPPLE: 1.10'  
 SN LANDED AT: 4713.32'  
 TUBING ANCHOR: 4720.19'  
 TOTAL STRING LENGTH: 4720.54'

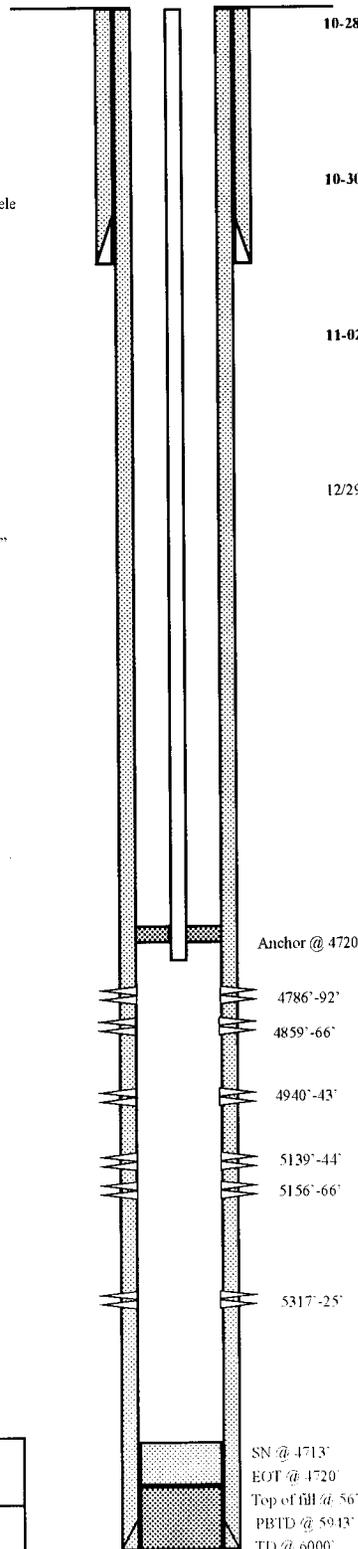
### FRAC JOB

**10-28-98 5317'-25'** **Frac A sand as follows:**  
 96,000# 20/40 sand in 505 bbls  
 Viking I-25 fluid. Breakdown  
 @ 3098 psi. Treated w/avg press of 1800 psi  
 w/avg rate of 28 BPM. ISIP-2300 psi, 5  
 min 2215 psi. Flowback on 12/64" ck for 4 hrs &  
 died.

**10-30-98 5139'-66'** **Frac B sand as follows:**  
 104,900# 20/40 sand in 516 bbls  
 Viking I-25 fluid. Breakdown  
 @ 3225 psi. Treated w/avg press of 1520 psi  
 w/avg rate of 29.6 BPM. ISIP-2400 psi, 5  
 min 2200 psi. Flowback on 12/64" ck for 2 hrs &  
 died.

**11-02-98 4786'-943'** **Frac D/YDC sand as follows:**  
 128,840# 20/40 sand in 587 bbls  
 Viking I-25 fluid. Breakdown  
 @ 2291 psi. Treated w/avg press of 2600 psi  
 w/avg rate of 36.7 BPM. ISIP-3500 psi, 5  
 min 3008 psi. Flowback on 12/64" ck for 1-1/2 hrs  
 & died.

12/29/01 Convert to injector.



### PERFORATION RECORD

Date	Depth	Perforation Type	Holes
10-27-98	5317'-5325'	4 JSPF	32 holes
10-29-98	5139'-5144'	4 JSPF	20 holes
10-29-98	5156'-5166'	4 JSPF	40 holes
10-31-98	4786'-4792'	4 JSPF	24 holes
10-31-98	4859'-4866'	4 JSPF	28 holes
10-31-98	4940'-4943'	4 JSPF	12 holes



**Inland Resources Inc.**

**South Wells Draw #9-4-9-16**

1837' FSL & 613' FWL

NESE Section 4-T9S-R16E

Duchesne Co, Utah

API #43-013-32102; Lease #U111-77338

Attachment F  
Page 1 of 6

<b>Analytical Laboratory Report for:</b> <b>NEWFIELD PRODUCTION COMPANY</b>	 <b>Chemical Services</b>

## Production Water Analysis

Listed below please find water analysis report from: Johnson Water Line, JOHNSON STATION #2 CHARGE PUMP

**Lab Test No:** 2006400226      **Sample Date:** 01/17/2006  
**Specific Gravity:** 1.001

**TDS:** 357  
**pH:** 7.80

<b>Cations:</b>	<b>mg/L</b>	<b>as:</b>
Calcium	80.00	(Ca <sup>++</sup> )
Magnesium	24.00	(Mg <sup>++</sup> )
Sodium	0	(Na <sup>+</sup> )
Iron	1.10	(Fe <sup>++</sup> )
Manganese	0.00	(Mn <sup>++</sup> )
<b>Anions:</b>	<b>mg/L</b>	<b>as:</b>
Bicarbonate	122	(HCO <sub>3</sub> <sup>-</sup> )
Sulfate	95	(SO <sub>4</sub> <sup>=</sup> )
Chloride	35	(Cl <sup>-</sup> )
<b>Gases:</b>		
Carbon Dioxide		(CO <sub>2</sub> )
Hydrogen Sulfide	0	(H <sub>2</sub> S)

NEWFIELD PRODUCTION COMPANY Lab Test No: 2006400226

DownHole SAT™ Scale Prediction  
@ 60 deg. F



Mineral Scale	Saturation Index	Momentary Excess (lbs/1000 bbls)
Calcite (CaCO <sub>3</sub> )	1.01	.00108
Aragonite (CaCO <sub>3</sub> )	.876	-.0303
Witherite (BaCO <sub>3</sub> )	0	-4.93
Strontianite (SrCO <sub>3</sub> )	0	-1.54
Magnesite (MgCO <sub>3</sub> )	.202	-.693
Anhydrite (CaSO <sub>4</sub> )	.0236	-.314
Gypsum (CaSO <sub>4</sub> *2H <sub>2</sub> O)	.0481	-228.43
Barite (BaSO <sub>4</sub> )	0	-.0267
Celestite (SrSO <sub>4</sub> )	0	-44.65
Silica (SiO <sub>2</sub> )	0	-32.86
Brucite (Mg(OH) <sub>2</sub> )	< 0.001	-1.05
Magnesium silicate	0	-62.42
Siderite (FeCO <sub>3</sub> )	13.52	.215
Halite (NaCl)	0	-136333
Thenardite (Na <sub>2</sub> SO <sub>4</sub> )	0	-33648
Iron sulfide (FeS)	0	-.0114

**Interpretation of DHSat Results:**

The **Saturation Index** is calculated for each mineral species independently and is a measure of the degree of supersaturation (driving force for precipitation) under the conditions modeled. This value ranges from 0 to infinity with 1.0 representing a condition of equilibrium where scale will neither dissolve nor precipitate. Values less than 1.0 are undersaturated and values greater than 1.0 are supersaturated. The scale is logarithmic, i.e. a Saturation Index of 3 is 10 times more saturated than a value of 2.

The **Momentary excess** is a measure of how much scale would have to precipitate to bring the system back to a non-scaling condition. This value ranges from negative (dissolving) infinity to positive (precipitating) infinity. The **Momentary Excess** represents the amount of scale possible while the **Saturation Level** represents the probability that scale will form.

<p><b>Analytical Laboratory Report for:</b>  <b>NEWFIELD PRODUCTION COMPANY</b></p>	 <p><b>Chemical Services</b>  Account Representative:  <b>Arnold, Joe</b></p>
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## Production Water Analysis

Listed below please find water analysis report from: Run B, S. WELLS DRAW 11-3-9-16 TREATER

<b>Lab Test No:</b>	2006400439	<b>Sample Date:</b>	02/07/2006
<b>Specific Gravity:</b>	1.005		
<b>TDS:</b>	6390		
<b>pH:</b>	8.80		

Cations:	mg/L	as:
Calcium	20.00	(Ca <sup>++</sup> )
Magnesium	12.00	(Mg <sup>++</sup> )
Sodium	828	(Na <sup>+</sup> )
Iron	2.00	(Fe <sup>++</sup> )
Manganese	0.00	(Mn <sup>++</sup> )
Anions:	mg/L	as:
Bicarbonate	978	(HCO <sub>3</sub> <sup>-</sup> )
Sulfate	300	(SO <sub>4</sub> <sup>-2</sup> )
Chloride	4250	(Cl <sup>-</sup> )
Gases:		
Carbon Dioxide		(CO <sub>2</sub> )
Hydrogen Sulfide	0	(H <sub>2</sub> S)

Page 4 of 6

NEWFIELD PRODUCTION  
COMPANY

Lab Test No: 2006400439

DownHole SAT™ Scale Prediction  
@ 130 deg. F

Mineral Scale	Saturation Index	Momentary Excess (lbs/1000 bbls)
Calcite (CaCO <sub>3</sub> )	13.66	10.34
Aragonite (CaCO <sub>3</sub> )	11.35	10.11
Witherite (BaCO <sub>3</sub> )	0	-1.6
Strontianite (SrCO <sub>3</sub> )	0	-.396
Magnesite (MgCO <sub>3</sub> )	10.04	8.03
Anhydrite (CaSO <sub>4</sub> )	.00725	-463.8
Gypsum (CaSO <sub>4</sub> *2H <sub>2</sub> O)	.00636	-565.91
Barite (BaSO <sub>4</sub> )	0	-.129
Celestite (SrSO <sub>4</sub> )	0	-65.94
Silica (SiO <sub>2</sub> )	0	-80.91
Brucite (Mg(OH) <sub>2</sub> )	.036	-2.34
Magnesium silicate	0	-116.26
Siderite (FeCO <sub>3</sub> )	51.95	.0148
Halite (NaCl)	< 0.001	-180103
Thenardite (Na <sub>2</sub> SO <sub>4</sub> )	< 0.001	-48168
Iron sulfide (FeS)	0	-.025

**Interpretation of DHSat Results:**

The Saturation Index is calculated for each mineral species independently and is a measure of the degree of supersaturation (driving force for precipitation) under the conditions modeled. This value ranges from 0 to infinity with 1.0 representing a condition of equilibrium where scale will neither dissolve nor precipitate. Values less than 1.0 are undersaturated and values greater than 1.0 are supersaturated. The scale is logarithmic, i.e. a Saturation Index of 3 is 10 times more saturated than a value of 2.

The Momentary excess is a measure of how much scale would have to precipitate to bring the system back to a non-scaling condition. This value ranges from negative (dissolving) infinity to positive (precipitating) infinity. The Momentary Excess represents the amount of scale possible while the Saturation Level represents the probability that scale will form.

DownHole SAT(tm)  
MIXED WATER CHEMISTRY

Page 5 of 6

1) Johnson Water

2) S. Wells Dr 11-3-9

Report Date: 02-15-2006

CATIONS

Calcium (as Ca)	125.00
Magnesium (as Mg)	74.00
Barium (as Ba)	0.00
Strontium (as Sr)	0.00
Sodium (as Na)	1678
Iron (as Fe)	1.05
Manganese (as Mn)	0.00

ANIONS

Chloride (as Cl)	2354
Sulfate (as SO4)	197.50
Dissolved CO2 (as CO2)	5.38
Bicarbonate (as HCO3)	589.96
Carbonate (as CO3)	210.08
H2S (as H2S)	0.00

PARAMETERS

pH	8.77
Temperature (°F)	130.00
Density(g/mL)	1.00
Pressure(atm)	1.00
Calculated T.D.S.	5237
Molar Conductivity	7527

BJ Chemical Services  
Roosevelt, Utah

DownHole SAT(tm)  
MIXED WATER DEPOSITION POTENTIAL INDICATORS

Page 6 of 6

1) Johnson Water

2) S. Wells Dr 11-3-9

Report Date: 02-15-2006

SATURATION LEVEL		MOMENTARY EXCESS (Lbs/1000 Barrels)		
Calcite (CaCO3)	91.02	Calcite (CaCO3)		26.71
Aragonite (CaCO3)	75.67	Aragonite (CaCO3)		26.61
Witherite (BaCO3)	0.00	Witherite (BaCO3)		-1.46
Strontianite (SrCO3)	0.00	Strontianite (SrCO3)		-0.364
Magnesite (MgCO3)	64.64	Magnesite (MgCO3)		22.32
Anhydrite (CaSO4)	0.0376	Anhydrite (CaSO4)		-362.28
Gypsum (CaSO4*2H2O)	0.0330	Gypsum (CaSO4*2H2O)		-443.21
Barite (BaSO4)	0.00	Barite (BaSO4)		-0.151
Magnesium silicate	0.00	Magnesium silicate		-109.67
Iron hydroxide (Fe(OH)3)	8011	Iron hydroxide (Fe(OH)3)		< 0.001
Iron sulfide (FeS)	0.00	Iron sulfide (FeS)		-0.0198
SIMPLE INDICES		BOUND IONS	TOTAL	FREE
Langelier	2.37	Calcium	125.00	82.23
Stiff Davis Index	2.48	Barium	0.00	0.00
		Carbonate	210.08	46.77
		Phosphate	0.00	0.00
		Sulfate	197.50	158.54

## OPERATING CONDITIONS

Temperature (°F)	130.00
Time (mins)	3.00

BJ Chemical Services  
Roosevelt, Utah

**Attachment "G"**

**South Wells Draw #11-3-9-16  
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5293	5478	5386	1870	0.79	1859 ←
4986	5126	5056	2000	0.83	1989
4809	4887	4848	2200	0.89	2190
4289	4308	4299	2125	0.93	2116
				<b>Minimum</b>	<u><u>1859</u></u>

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

$\text{Frac Gradient} = (\text{ISIP} + (0.433 * \text{Top Perf.})) / \text{Top Perf.}$

**Please note:** These are existing perforations; additional perforations may be added during the actual conversion procedure.

# NEWFIELD



Attachment G-1  
page 1 of 4

## DAILY COMPLETION REPORT

WELL NAME: South Wells Draw 11-3-9-16 Report Date: 3-23-05 Day: 02a  
 Operation: Completion Rig: Rigless

### WELL STATUS

Surf Csg: 8-5/8' @ 311' Prod Csg: 5-1/2" @ 6140' Csg PBTD: 6045' WL  
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			A-3	5293 - 5298'	4/20
			LODC	5404 - 5408'	4/16
			LODC	5472 - 5478'	4/24

### CHRONOLOGICAL OPERATIONS

Date Work Performed: 3-22-05 SITP:  SICP: 10

Day2a.

RU BJ "Ram Head" frac flange. RU BJ & frac LODC & A3 sds, stage #1 down casing w/ 30,164#'s of 20/40 sand in 323 bbls Lightning 17 frac fluid. Open well w/ 10 psi on casing. Perfs broke down @ 2191 psi, back to 1066 psi. Treated @ ave pressure of 1956 w/ ave rate of 24.7 bpm w/ up to 8 ppg of sand. Spot 5 bbls of 15% HCL in flush for next stage. ISIP was 1870. 467 bbls EWTR. Leave pressure on well. **See day2b.**

### FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 144 Starting oil rec to date:   
 Fluid lost/recovered today: 323 Oil lost/recovered today:   
 Ending fluid to be recovered: 467 Cum oil recovered:   
 IFL:  FFL:  FTP:  Choke:  Final Fluid Rate:  Final oil cut:

### STIMULATION DETAIL

Base Fluid used: Lightning 17 Job Type: Sand frac  
 Company: BJ Services  
 Procedure or Equipment detail: LODC & A3 sds down casing

### COSTS

Weatherford BOP	\$60
Weatherford Services	\$650
Betts frac water	\$290
NPC fuel gas	\$70
BJ Services LODC sd	\$17,160
NPC Supervisor	\$150

2394 gals of pad  
1875 gals w/ 1-5 ppg of 20/40 sand  
3963 gals w/ 5-8 ppg of 20/40 sand  
Flush w/ 5334 gals of slick water

**\*\*Flush called @ blender to include 2 bbls pump/line volume\*\***

Max TP: 2197 Max Rate: 24.9 Total fluid pmpd: 323 bbls  
 Avg TP: 1956 Avg Rate: 24.7 Total Prop pmpd: 30,164#'s  
 ISIP: 1870 5 min:  10 min:  FG: .78

Completion Supervisor: Ron Shuck

DAILY COST: \$18,380  
 TOTAL WELL COST: \$292,958



## DAILY COMPLETION REPORT

**WELL NAME:** South Wells Draw 11-3-9-16      **Report Date:** 3-23-05      **Day:** 02b  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8-5/8' @ 311'      **Prod Csg:** 5-1/2" @ 6140'      **Csg PBSD:** 6045' WL  
**Tbg:** Size: \_\_\_\_\_ **Wt:** \_\_\_\_\_      **Grd:** \_\_\_\_\_ **Pkr/EOT @:** \_\_\_\_\_      **BP/Sand PBSD:** 4940'  
**Plug** 5200'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			B.5 sds	5038-5042'	4/16
			B1 sds	5088-5092'	4/16
D1 sds	4809-4814'	4/20	B2 sds	5119-5126'	4/28
D1 sds	4819-4829'	4/40	A-3 sds	5293-5298'	4/20
D2 sds	4876-4887'	4/44	LODC sds	5404-5408'	4/16
C sds	4986-4996'	4/40	LODC sds	5472-5478'	4/24

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 3-22-05      **SITP:** \_\_\_\_\_ **SICP:** 1560

Day2b.

RU Lone Wolf WLT, crane & lubricator. RIH w/ 5-1/2" Weatherford composite flow through frac plug & 7' & 4' perf guns. Set plug @ 5200'. Perforate B2 sds @ 5119-26', B1 @ 5088-92', B.5 @ 5038-42' & C @ 4986-96' w/ 3-1/8" Slick Guns ( 23 gram, .43"HE, 90° ) w/ 4 spf for total of 100 shots. RU BJ & frac stage #2 w/ 90,133#'s of 20/40 sand in 650 bbls Lightning 17 frac fluid. Open well w/ 1560 psi on casing. Perfs broke down @ 2638 psi, back to 1530 psi. Treated @ ave pressure of 1928 w/ ave rate of 24.7 bpm w/ 8 ppg of sand. Spot 5 bbls of 15% HCL in flush for next stage. ISIP was 2000. 1117 bbls EWTR. Leave pressure on well. RIH w/ frac plug & 11' perf gun. Set plug @ 4940'. Perforate D2 sds @ 4876-87', D1 @ 4819-29' & 4809-14' w/ 4 spf for total of 104 shots.

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 467      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 650      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 1117      **Cum oil recovered:** \_\_\_\_\_  
**IFL:** \_\_\_\_\_ **FFL:** \_\_\_\_\_ **FTP:** \_\_\_\_\_ **Choke:** \_\_\_\_\_ **Final Fluid Rate:** \_\_\_\_\_ **Final oil cut:** \_\_\_\_\_

### STIMULATION DETAIL

**Base Fluid used:** Lightning 17      **Job Type:** Sand frac

**Company:** BJ Services

**Procedure or Equipment detail:** B2, B1, B.5 & C sds down casing

6904 gals of pad

4625 gals w/ 1-5 ppg of 20/40 sand

9250 gals w/ 5-8 ppg of 20/40 sand

1623 gals w/ 8 ppg of 20/40 sand

Flush w/ 4998 gals of slick water

**\*\*Flush called @ blender to include 2 bbls pump/line volume\*\***

**Max TP:** 1958      **Max Rate:** 24.7      **Total fluid pmpd:** 650 bbls

**Avg TP:** 1928      **Avg Rate:** 24.7      **Total Prop pmpd:** 90,133#'s

**ISIP:** 2000      **5 min:** \_\_\_\_\_      **10 min:** \_\_\_\_\_      **FG:** .83

**Completion Supervisor:** Ron Shuck

### COSTS

Weatherford BOP	\$70
Weatherford Services	\$2,200
Betts frac water	\$900
NPC fuel gas	\$220
BJ Services B&C sds	\$18,980
NPC Supervisor	\$150
Lone Wolf B & C sds	\$6,500

**DAILY COST:** \$29,020

**TOTAL WELL COST:** \$321,978

## DAILY COMPLETION REPORT

**WELL NAME:** South Wells Draw 11-3-9-16      **Report Date:** 3-24-05      **Day:** 03a  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8-5/8' @ 311'      **Prod Csg:** 5-1/2" @ 6140'      **Csg PBDT:** 6045' WL  
**Tbg:** Size:      **Wt:**      **Grd:**      **Pkr/EOT @:**      **BP/Sand PBDT:** 4930'  
**Plug** 5200' 4940'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			B.5 sds	5038-5042'	4/16
			B1 sds	5088-5092'	4/16
D1 sds	4809-4814'	4/20	B2 sds	5119-5126'	4/28
D1 sds	4819-4829'	4/40	A-3 sds	5293-5298'	4/20
D2 sds	4876-4887'	4/44	LODC sds	5404-5408'	4/16
C sds	4986-4996'	4/40	LODC sds	5472-5478'	4/24

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 3-23-05      **SITP:**      **SICP:** 560

Day3a.

RU WLT. RIH w/ frac plug. Set plug @ 4930' due to plug failure @ 4940'. RU BJ & frac stage #3 w/ 120,321#'s of 20/40 sand in 819 bbls Lightning 17 frac fluid. Open well w/ 560 psi on casing. Perfs broke down @ 2790 psi, back to 1020 psi. Treated @ ave pressure of 1861 w/ ave rate of 24.7 bpm w/ 8 ppg of sand. Spot 5 bbls of 15% HCL in flush for next stage. ISIP was 2200. 1936 bbls EWTR. Leave pressure on well. **See day3b.**

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 1117      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 819      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 1936      **Cum oil recovered:** \_\_\_\_\_  
**IFL:**      **FFL:**      **FTP:**      **Choke:**      **Final Fluid Rate:**      **Final oil cut:**

### STIMULATION DETAIL

### COSTS

<b>Base Fluid used:</b> Lightning 17 <b>Job Type:</b> Sand frac <b>Company:</b> BJ Services <b>Procedure or Equipment detail:</b> D2 & D1 sds down casing  8988 gals of pad 6000 gals w/ 1-5 ppg of 20/40 sand 12,000 gals w/ 5-8 ppg of 20/40 sand 2622 gals w/ 8 ppg of 20/40 sand Flush w/ 4788 gals of slick water	<table style="width: 100%; border-collapse: collapse;"> <tr><td>Weatherford BOP</td><td style="text-align: right;">\$70</td></tr> <tr><td>Weatherford Services</td><td style="text-align: right;">\$2,550</td></tr> <tr><td>Betts frac water</td><td style="text-align: right;">\$1,180</td></tr> <tr><td>NPC fuel gas</td><td style="text-align: right;">\$290</td></tr> <tr><td>BJ Services D sds</td><td style="text-align: right;">\$23,520</td></tr> <tr><td>NPC Supervisor</td><td style="text-align: right;">\$150</td></tr> <tr><td>Lone Wolf D sds</td><td style="text-align: right;">\$5,000</td></tr> </table>	Weatherford BOP	\$70	Weatherford Services	\$2,550	Betts frac water	\$1,180	NPC fuel gas	\$290	BJ Services D sds	\$23,520	NPC Supervisor	\$150	Lone Wolf D sds	\$5,000
Weatherford BOP	\$70														
Weatherford Services	\$2,550														
Betts frac water	\$1,180														
NPC fuel gas	\$290														
BJ Services D sds	\$23,520														
NPC Supervisor	\$150														
Lone Wolf D sds	\$5,000														

Had to set extra plug due to plug failure.

\*\*Flush called @ blender to include 2 bbls pump/line volume\*\*

**Max TP:** 2013      **Max Rate:** 24.7      **Total fluid pmpd:** 819 bbls  
**Avg TP:** 1861      **Avg Rate:** 24.7      **Total Prop pmpd:** 120,321#'s  
**ISIP:** 2200      **5 min:**      **10 min:**      **FG:** .89

**Completion Supervisor:** Ron Shuck

**DAILY COST:** \$32,760  
**TOTAL WELL COST:** \$354,738

## DAILY COMPLETION REPORT

**WELL NAME:** South Wells Draw 11-3-9-16      **Report Date:** 3-24-05      **Day:** 03b  
**Operation:** Completion      **Rig:** Rigless

### WELL STATUS

**Surf Csg:** 8-5/8' @ 311'      **Prod Csg:** 5-1/2" @ 6140'      **Csg PBTD:** 6045' WL  
**Tbg:** Size:      **Wt:**      **Grd:**      **Pkr/EOT @:**      **BP/Sand PBTD:** 4400'  
**Plug** 5200' 4940' 4930'

### PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
GB4 sds	4289-4292'	4/12	B.5 sds	5038-5042'	4/16
GB4 sds	4300-4308'	4/32	B1 sds	5088-5092'	4/16
D1 sds	4809-4814'	4/20	B2 sds	5119-5126'	4/28
D1 sds	4819-4829'	4/40	A-3 sds	5293-5298'	4/20
D2 sds	4876-4887'	4/44	LODC sds	5404-5408'	4/16
C sds	4986-4996'	4/40	LODC sds	5472-5478'	4/24

### CHRONOLOGICAL OPERATIONS

**Date Work Performed:** 3-23-05      **SITP:**      **SICP:** 1605

Day3b.

RU WLT. RIH w/ frac plug & 8' & 3' perf guns. Set plug @ 4400'. Perforate GB4 sds @ 4300-4308', 4289-4292' w/ 4 spf for total of 44 shots. RU BJ & frac stage #4 w/ 43,679#'s of 20/40 sand in 388 bbls Lightning 17 frac fluid. Open well w/ 1605 psi on casing. Perfs broke down @ 4105 psi, back to 1420 psi. Treated @ ave pressure of 2188 w/ ave rate of 24.8 bpm w/ 8 ppg of sand. ISIP was 2170. 2324 bbls EWTR. RD BJ & WLT. Begin immediate flow back on well @ 2000 psi w/ 12/64 choke. Well flowed for 6 hours & died w/ 370 bbls rec'd (16% of frac). SIFN.

### FLUID RECOVERY (BBLs)

**Starting fluid load to be recovered:** 2324      **Starting oil rec to date:** \_\_\_\_\_  
**Fluid lost/recovered today:** 370      **Oil lost/recovered today:** \_\_\_\_\_  
**Ending fluid to be recovered:** 1954      **Cum oil recovered:** \_\_\_\_\_  
**IFL:**      **FFL:**      **FTP:**      **Choke:**      **Final Fluid Rate:**      **Final oil cut:**

### STIMULATION DETAIL

**Base Fluid used:** Lightning 17      **Job Type:** Sand frac

**Company:** BJ Services

**Procedure or Equipment detail:** GB4 sds down casing

3822 gals of pad  
 2625 gals w/ 1-5 ppg of 20/40 sand  
 5250 gals w/ 5-8 ppg of 20/40 sand  
 399 gals w/ 8 ppg of 20/40 sand  
 Flush w/ 4200 gals of slick water

### COSTS

Weatherford BOP	\$70
Weatherford Services	\$2,550
Betts frac water	\$490
NPC fuel gas	\$120
BJ Services GB4 sds	\$12,080
NPC Supervisor	\$150
Lone Wolf GB4 sds	\$5,000
Betts water transfer	\$400

**Max TP:** 2305      **Max Rate:** 24.9      **Total fluid pmpd:** 388 bbls  
**Avg TP:** 2188      **Avg Rate:** 24.8      **Total Prop pmpd:** 43,679#'s  
**ISIP:** 2170      **5 min:**      **10 min:**      **FG:** .94

**Completion Supervisor:** Ron Shuck

**DAILY COST:** \$20,860

**TOTAL WELL COST:** \$375,598

## ATTACHMENT H

### WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4194'.
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class G cement.
3. Plug #2 Set 200' plug from 2000'-2200' with 25 sx Class "G" cement.
4. RU perforators and perforate with 4 JSPF @ 361'.
5. Plug #3 Circulate 112 sx Class G cement down 5-1/2" casing and up the 5-1/2" x 8-5/8" annulus to surface.

The approximate cost to plug and abandon this well is \$33,025.

# South Wells Draw 11-3-9-16

Spud Date: 02/19/02  
 Put on Production: 03/29/05  
 GL: 5618' KB: 5628'

Initial Production: BOPD,  
 MCFD, BWPD

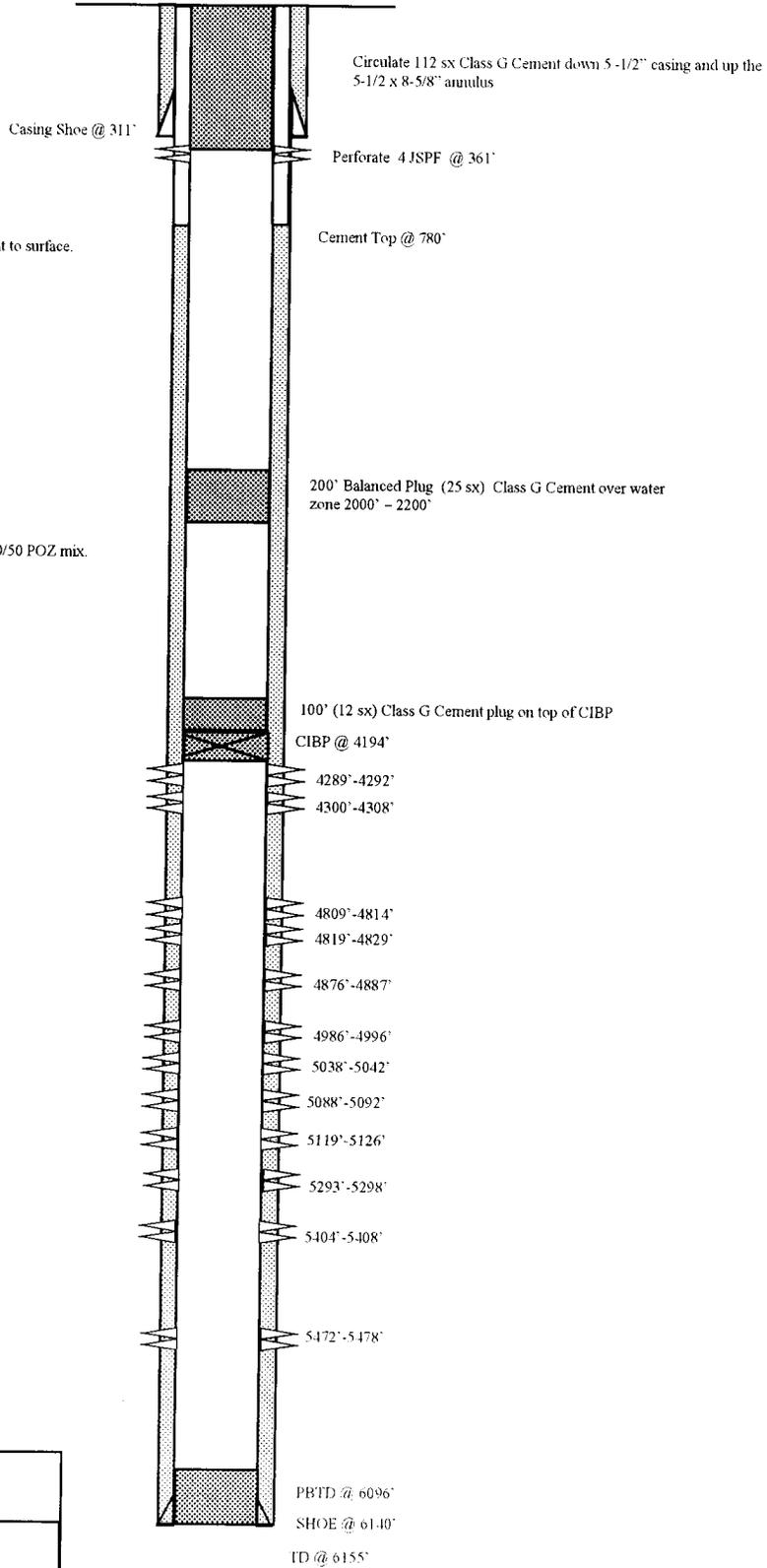
Proposed P & A  
 Wellbore Diagram

**SURFACE CASING**

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (303.36')  
 DEPTH LANDED: 311.36' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 150 sxs Class G Mix. Est 3.5 bbls cement to surface.

**PRODUCTION CASING**

CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 146 jts. (6141.54')  
 DEPTH LANDED: 6139.54' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ mix.  
 CEMENT TOP AT: 780'




<p><b>South Wells Draw # 11-3-9-16</b>                  2028' FSL &amp; 2008' FWL                  NE/4SW Section 3-T9S-R16E                  Duchesne Co, Utah                  API #43-013-32138; Lease #UTU-77338</p>

**NOTICE OF AGENCY  
ACTION  
CAUSE NO. UIC 331**

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

IN THE MATTER OF THE APPLI-  
CATION OF Newfield Production Com-  
pany FOR ADMINISTRATIVE AP-  
PROVAL OF THE South Wells Draw 13-  
3-9-16, South Wells Draw 11-3-9-16, Jonah  
Federal 15-12-9-16, Jonah Federal 9-14-  
9-16, Jonah Federal 11-14-9-16, Jonah  
Federal 13-14-9-16, Jonah Federal 15-14-  
9-16, Jonah Federal 9-15-9-16, Jonah 5-  
14-9-16, Jonah 7-14-9-16 WELLS LO-  
CATED IN SECTIONS 3, 12, 14, & 15,  
TOWNSHIP 9 South, RANGE 16 East,  
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 pro-  
ceeding to consider the application of  
Newfield Production Company for ad-  
ministrative approval of the South Wells  
Draw 13-3-9-16, South Wells Draw 11-3-  
9-16, Jonah Federal 15-12-9-16, Jonah  
Federal 9-14-9-16, Jonah Federal 11-14-  
9-16, Jonah Federal 13-14-9-16, Jonah  
Federal 15-14-9-16, Jonah Federal 9-15-  
9-16, Jonah 5-14-9-16, Jonah 7-14-9-16  
wells, located in Sections 3, 12, 14, 15,  
Township 9 South, Range 16 East,  
Duchesne County, Utah, for conversion  
to a Class II injection well. The adjudica-  
tive proceeding will be conducted infor-  
mally according to Utah Admin. Rule R649-  
10, Administrative Procedures.

Selective zones in the Green River For-  
mation will be used for water injection.  
The maximum requested injection pres-  
sure and rate will be determined based on  
fracture gradient information submitted  
by Newfield Production Company.

Any person desiring to object to the  
proposed application or otherwise inter-  
vene in the proceeding, must file a written  
protest or notice of intervention with the  
Division within fifteen days following  
publication of this notice. The Division's  
Presiding Officer for this proceeding is Gil  
Hunt, Associate Director at PO Box  
145801, Salt Lake City, Utah 84114-5801,  
phone number (801) 538-5340. If such a  
protest or notice of intervention is re-  
ceived, a hearing will be scheduled in ac-  
cordance with the aforementioned adminis-  
trative procedure rule. Protestants and/or  
interveners should be prepared to demon-  
strate at the hearing how this matter affects  
their interests.

Dated this 11th day of May, 2006.

STATE OF UTAH

DIVISION OF OIL, GAS & MINING

Gil Hunt

Associate Director

Published in the Uintah Basin Standard

May 16, 2006.



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

August 29, 2006

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

Re: South Wells Draw Unit Well: South Wells Draw 11-3-9-16, Section 3,  
Township 9 South, Range 16 East, SLBM, 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,

Gil Hunt  
Associate Director, Oil & Gas

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

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
U-77338

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
S WELLS DRAW UNIT

8. WELL NAME and NUMBER:  
S WELLS DRW 11-3-9-16

9. API NUMBER:  
4301332138

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 Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

4. LOCATION OF WELL: FOOTAGES AT SURFACE: 2028 FSL & 2008 FWL COUNTY: DUCHESNE

OTR/OTR SECTION TOWNSHIP RANGE MERIDIAN: SWNE. 3, T9S, R16E 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 checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: 09/20/2006	<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 checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Injection Conversion
	<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 converted from a producing oil well to an injection well on 9/20/06. On 9/28/06 Dennis Ingram with the State of Utah was contacted concerning the initial MIT on the above listed well. Permission was given at that time to perform the test on 10/9/06. On 10/9/06 the csg was pressured up to 1075 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 0 psig during the test. There was not a State representative available to witness the test. API #43-013-32138

NAME (PLEASE PRINT) Callie Duncan

TITLE Production Clerk

SIGNATURE

*Callie Duncan*

DATE 10/16/2006

(This space for State use only)

RECEIVED  
OCT 17 2006  
DIV. OF OIL, GAS & MINING

# Mechanical Integrity Test Casing or Annulus Pressure Test

Inland Production Company

Rt. 3 Box 3630  
Myton, UT 84052  
435-646-3721

Witness: \_\_\_\_\_ Date 10/9/06 Time 10:00  am  pm  
Test Conducted by: JD Horrocks  
Others Present: \_\_\_\_\_

Well: <u>Southwells Draw 13-3-9-16</u>	Field: <u>Monument Butte/SWD unit</u>
Well Location: <u>SW/SW sec. 3 T9S R16E</u>	API No: <u>43-013-32106</u>

Time	Casing Pressure	
0 min	<u>1200</u>	psig
5	<u>1200</u>	psig
10	<u>1200</u>	psig
15	<u>1200</u>	psig
20	<u>1200</u>	psig
25	<u>1200</u>	psig
30 min	<u>1200</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 0 psig

Result:  Pass  Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: JD Horrocks

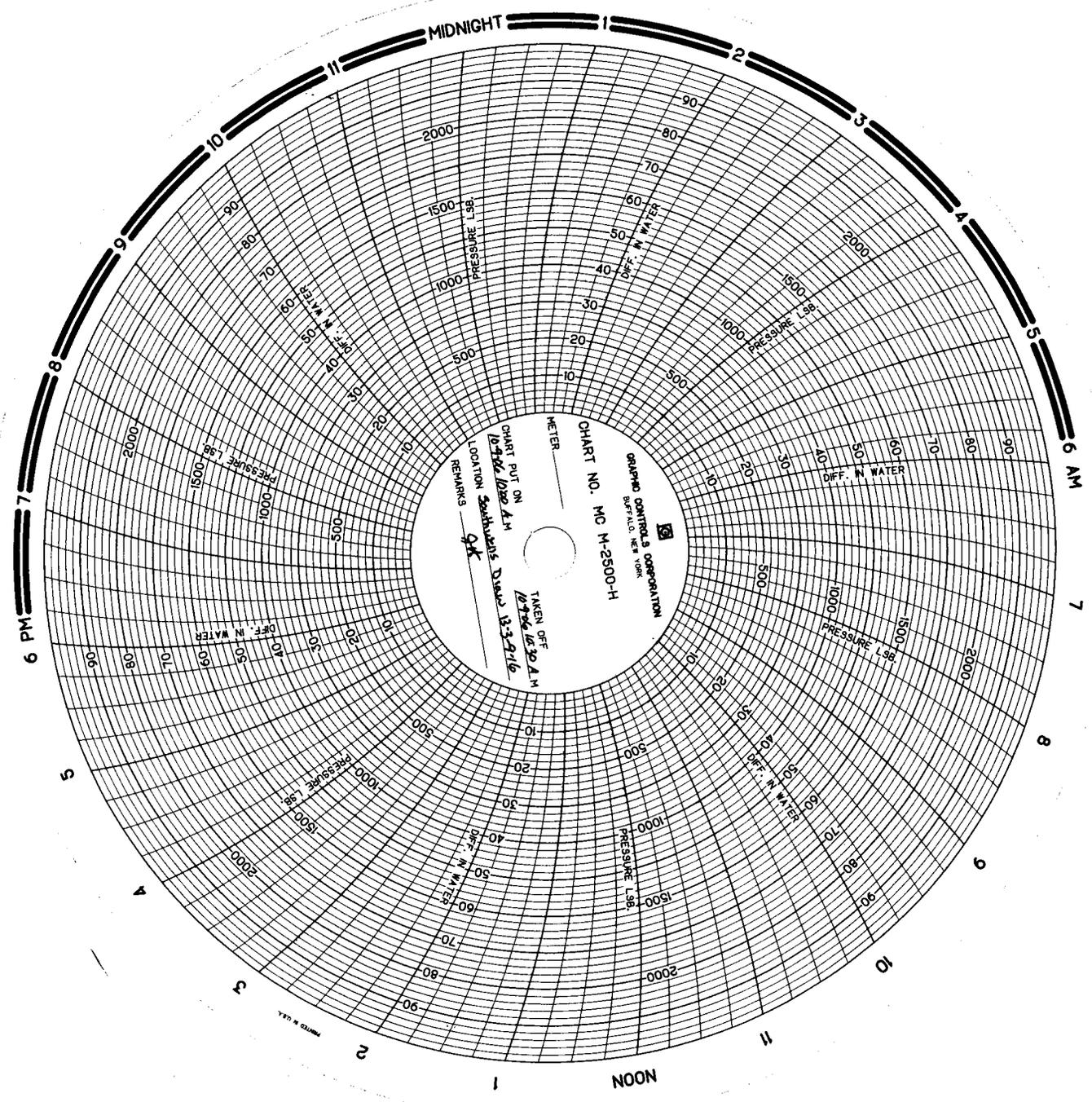


CHART NO. MC M-2500-H  
GARDNER CONTROLS CORPORATION  
BUFFALO, N.Y. U.S.A.  
METER \_\_\_\_\_  
CHART PUT ON \_\_\_\_\_  
LOCATION Southview Drive 13-39-16  
REMARKS OK  
TAKEN OFF \_\_\_\_\_  
10:46 AM

PRINTED IN U.S.A.



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

**UNDERGROUND INJECTION CONTROL PERMIT**

**Cause No. UIC-331**

**Operator:** Newfield Production Company  
**Well:** South Wells Draw 11-3-9-16  
**Location:** Section 3, Township 9 South, Range 16 East  
**County:** Duchesne  
**API No.:** 43-013-32138  
**Well Type:** Enhanced Recovery (waterflood)

**Stipulations of Permit Approval**

1. Approval for conversion to Injection Well issued on August 29, 2006.
2. Maximum Allowable Injection Pressure: 1,859 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation  
(4,107' - 6,089')

Approved by:

Gil Hunt  
Associate Director

10-25-06  
Date

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

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.



1. Type of Well  
 Oil Well    Gas Well    Other

2. Name of Operator  
**NEWFIELD PRODUCTION COMPANY**

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

3b. Phone    (include are code)  
                   435.646.3721

4. Location of Well    (Footage, Sec., T., R., M., or Survey Description)  
                   2028 FSL & 2008 FWL  
                   SWNE Section 3 T9S R16E

5. Lease Serial No.  
**USA UTU-77338**

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
**S WELLS DRAW UNIT**

8. Well Name and No.  
**S WELLS DRAW 11-3-9-16**

9. API Well No.  
**4301332138**

10. Field and Pool, or Exploratory Area  
**MONUMENT BUTTE**

11. County or Parish, State  
**DUCHESNE, UT**

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Change Status, Put Well on Injection
	<input checked="" type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

The above referenced well was put on injection at 12:00 p.m. on 11/10/06.

I hereby certify that the foregoing is true and correct (Printed/ Typed) <b>Mandie Crozier</b>	Title <b>Regulatory Specialist</b>
Signature 	Date <b>11/13/2006</b>



Approved by _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
Office _____		

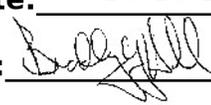
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

NOV 15 2006

BLM/CAL/ISS/MP/MS

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-77338
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.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>1. TYPE OF WELL</b> Water Injection Well	<b>8. WELL NAME and NUMBER:</b> S WELLS DRAW 11-3-9-16	
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY	<b>9. API NUMBER:</b> 43013321380000	
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052	<b>PHONE NUMBER:</b> 435 646-4825 Ext	<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2028 FSL 2008 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 03 Township: 09.0S Range: 16.0E Meridian: S	<b>COUNTY:</b> DUCHESNE	
		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/22/2011  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION  <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER	
	<input 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.		
<p>On 09/14/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 09/22/2011 the casing was pressured up to 1230 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test . The tubing pressure was 1710 psig during the test. There was not a State representative available to witness the test.</p>		
		<p><b>Accepted by the Utah Division of Oil, Gas and Mining</b></p> <p>Date: <u>10/13/2011</u></p> <p>By: <u></u></p>
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/27/2011	

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company  
Rt. 3 Box 3630  
Myton, UT 84052  
435-646-3721

Witness: \_\_\_\_\_ Date 9/22/11 Time 3:00 am pm  
Test Conducted by: DAVE Cloward  
Others Present: \_\_\_\_\_

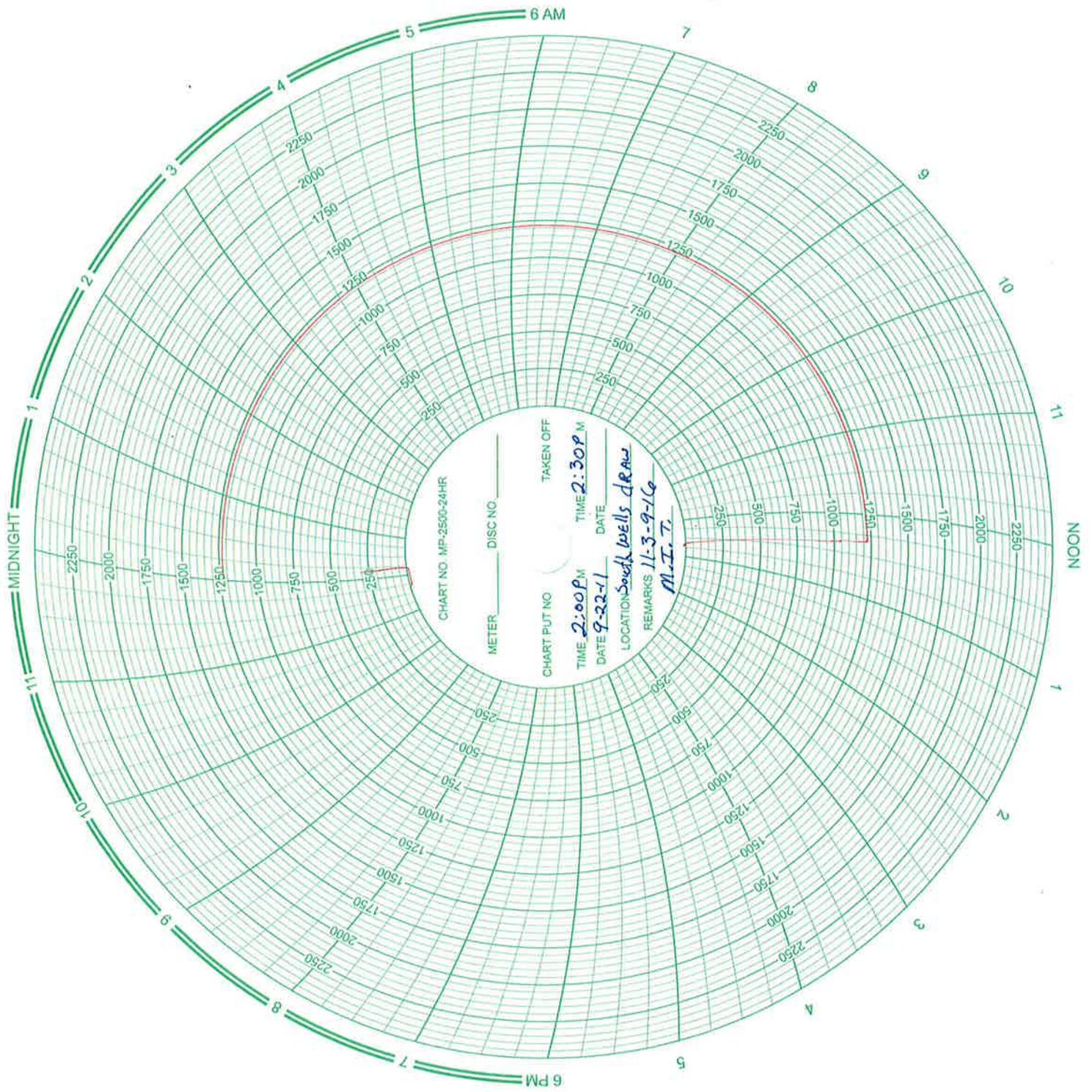
Well: <u>South Wells DRAW 11-3-9-16</u>	Field: <u>South Wells DRAW 11-3-9-16</u>
Well Location: <u>South Wells DRAW 11-3-9-16</u>	Duchesne County, UTAH UTU 87538X
<u>NE/SW SEC. 3, T9S, R16E</u>	API No: <u>43-013-32138</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1230</u>	psig
5	<u>1230</u>	psig
10	<u>1230</u>	psig
15	<u>1230</u>	psig
20	<u>1230</u>	psig
25	<u>1230</u>	psig
30 min	<u>1230</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 1710 psig

Result: Pass Fail

Signature of Witness: \_\_\_\_\_  
Signature of Person Conducting Test: David Cloward



# South Wells Draw 11-3-9-16

Spud Date: 02/19/02  
 Put on Production: 03/29/05  
 GL: 5618' KB: 5628'

Initial Production: BOPD,  
 MCFD, BWPD

Injection Wellbore  
 Diagram

**SURFACE CASING**

CSG SIZE: 8 5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (303.36')  
 DEPTH LANDED: 311.36' KB  
 HOLE SIZE: 12 1/4"  
 CEMENT DATA: 150 sks Class G Mix. Est 3.5 bbls cement to surface.

**PRODUCTION CASING**

CSG SIZE: 5 1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 146 jts. (6141.54')  
 DEPTH LANDED: 6139.54' KB  
 HOLE SIZE: 7 7/8"  
 CEMENT DATA: 325 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ mix.  
 CEMENT TOP AT: 780'

**TUBING**

SIZE/GRADE/WT.: 2 7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 129 jts (4207.72')  
 SEATING NIPPLE: 2 7/8" (1.10')  
 SN LANDED AT: 4219.72' KB  
 TOTAL STRING LENGTH: 4227.02' w/ 12.5' KB

**FRAC JOB**

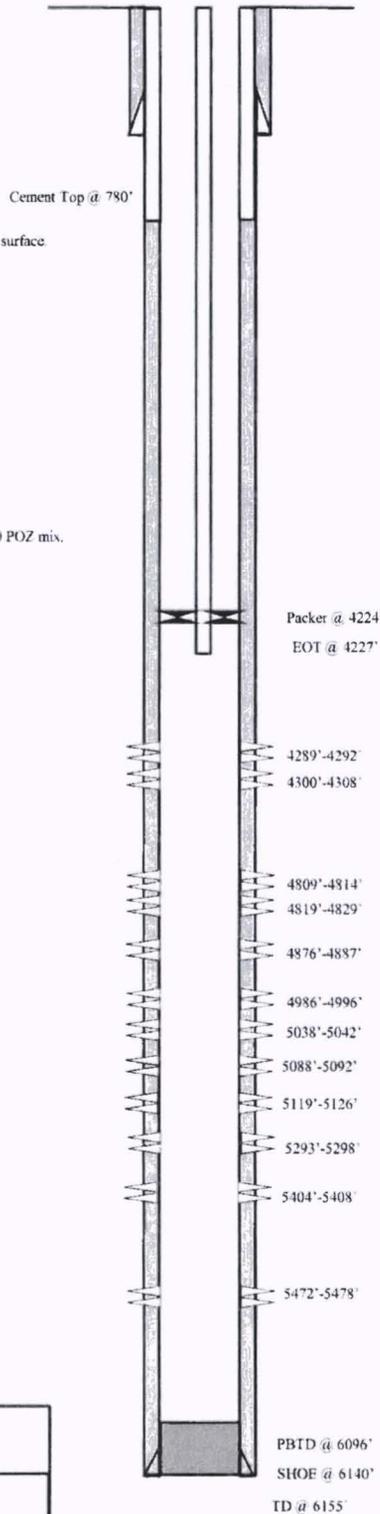
03/22/05 5293'-5478' **Frac LODC and A3 sands as follows:**  
 30,164#s of 20/40 sand in 323 bbls lightning  
 17 frac fluid. Treated @ avg press of 1956,  
 w/avg rate of 24.7 bpm. ISIP 1870 psi. Calc  
 flush: 5291 gal. Actual flush: 5334 gal

03/22/05 4986'-5126' **Frac B2, B1, B.5,C sands as follows:**  
 90,133#s of 20/40 sand in 650 bbls lightning  
 17 frac fluid. Treated @ avg press of 1928,  
 w/avg rate of 24.7 bpm. ISIP 2000 psi. Calc  
 flush: 4984 gal. Actual flush: 4998 gal.

03/23/05 4809'-4887' **Frac D2 and D1 sands as follows:**  
 120,321#s of 20/40 sand in 819 bbls  
 lightning 17 frac fluid. Treated @ avg press  
 of 1861, w/avg rate of 24.7 bpm. ISIP 2200  
 psi. Calc flush: 4807 gal. Actual flush: 4788  
 gal.

03/23/05 4289'-4308' **Frac BG4 sands as follows:**  
 43,679#s of 20/40 sand in 388 bbls lightning  
 17 frac fluid. Treated @ avg press of 2188,  
 w/avg rate of 24.8 bpm. ISIP 2125 psi. Calc  
 flush: 4287 gal. Actual flush: 4200 gal.

9/20/06 **Well converted to an Injection well.**  
 10/16/06 **MIT completed and submitted.**



**PERFORATION RECORD**

Date	Interval	Tool	Holes
03/16/05	5472'-5478'	4 JSPF	24 holes
03/16/05	5404'-5408'	4 JSPF	16 holes
03/16/05	5293'-5298'	4 JSPF	20 holes
03/22/05	5119'-5126'	4 JSPF	28 holes
03/22/05	5088'-5092'	4 JSPF	16 holes
03/22/05	5038'-5042'	4 JSPF	16 holes
03/22/05	4986'-4996'	4 JSPF	40 holes
03/22/05	4876'-4887'	4 JSPF	44 holes
03/22/05	4819'-4829'	4 JSPF	40 holes
03/22/05	4809'-4814'	4 JSPF	20 holes
03/23/05	4300'-4308'	4 JSPF	32 holes
03/23/05	4289'-4292'	4 JSPF	12 holes

**NEWFIELD**

South Wells Draw # 11-3-9-16  
 2028' FSL & 2008' FWL  
 NE SW Section 3-T9S-R16E  
 Duchesne Co, Utah  
 API #43-013-32138; Lease #UTU-77338

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  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.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-77338
		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>1. TYPE OF WELL</b> Water Injection Well		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>8. WELL NAME and NUMBER:</b> S WELLS DRAW 11-3-9-16
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. API NUMBER:</b> 43013321380000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2028 FSL 2008 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 03 Township: 09.0S Range: 16.0E Meridian: S		<b>COUNTY:</b> DUCHESNE
		<b>STATE:</b> UTAH

11.

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 8/11/2016	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="5 YR MIT"/>

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

On 08/08/2016 Amy Doebele with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 08/11/2016 the casing was pressured up to 1240 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1649 psig during the test. There was a State representative available to witness the test - Amy Doebele.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
August 31, 2016**

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 8/15/2016	

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630  
Myton, UT 84052  
435-646-3721

Witness: Amy Deebel Date 8/11/16 Time 10:20 (am) pm

Test Conducted by: Kim Giles

Others Present: Jeremy Price  
5yr.

Well: <u>So. Wells Draw 11-3-9-16</u>	Field: <u>Monument Butte</u>
Well Location: <u>NE/5W Sec. 3, T9S, R16E</u> <u>Duchesne County, Utah</u>	API No: <u>43-013-32138</u>

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1240</u>	psig
5	<u>1240</u>	psig
10	<u>1240</u>	psig
15	<u>1240</u>	psig
20		psig
25		psig
30 min		psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig

Tubing pressure: 1649 psig

Result: Pass Fail

Signature of Witness: Amy Deebel

Signature of Person Conducting Test: Kim Giles

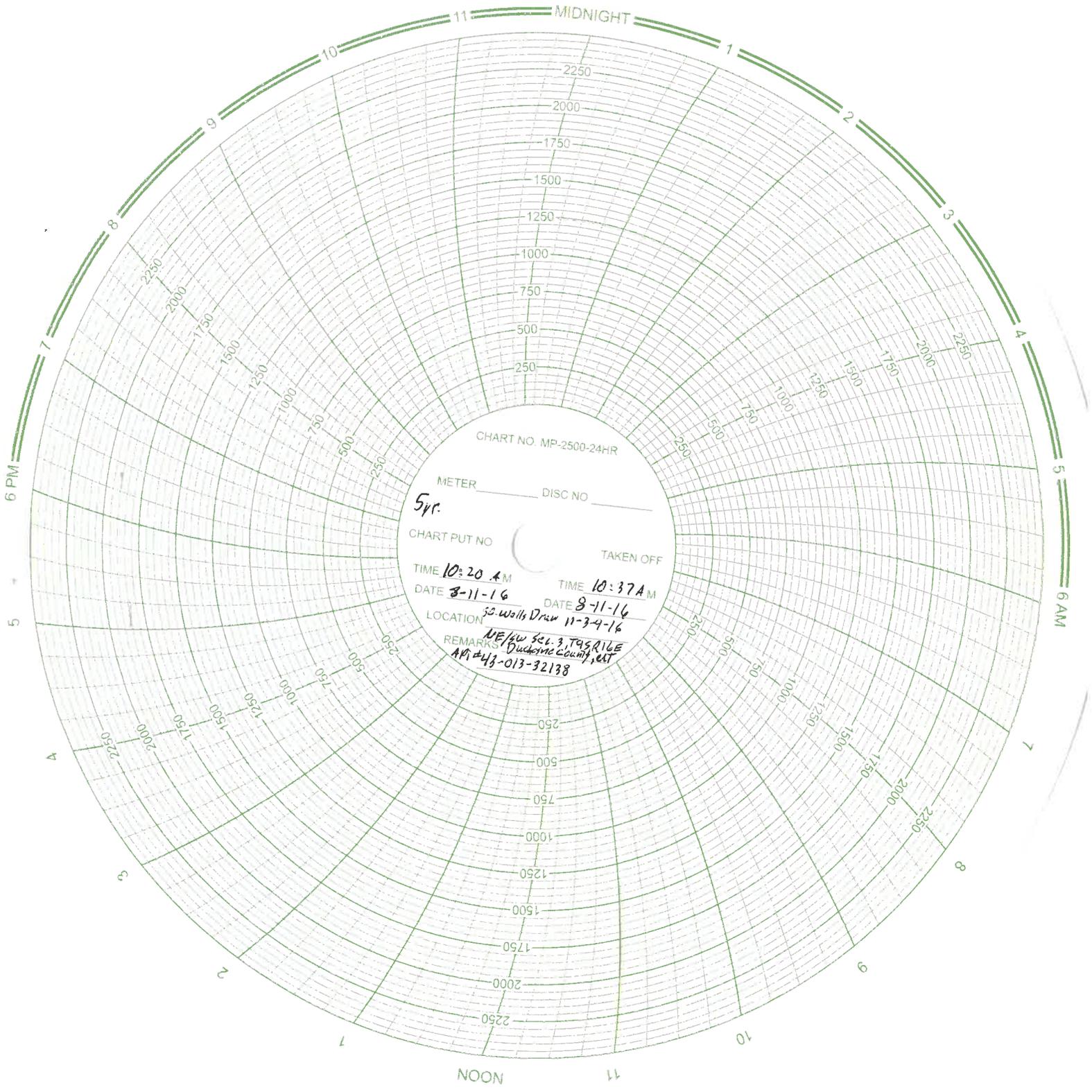


CHART NO. MP-2500-24HR

METER \_\_\_\_\_ DISC NO \_\_\_\_\_

5yr.

CHART PUT NO \_\_\_\_\_

TAKEN OFF \_\_\_\_\_

TIME 10:20 A.M.

TIME 10:37 A.M.

DATE 8-11-16

DATE 8-11-16

LOCATION

50 Wally Draw 11-3-16

REMARKS

NE/w Sec. 3, T9S R16E

Dickens County, WYO

API # 43-013-32138