

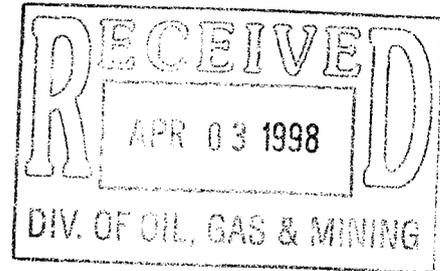


RESOURCES INC.

April 1, 1998

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

**ATTENTION: Ed Forsman  
Wayne Bankert**



Gentlemen:

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

Castle Draw 2-4-9-17	Castle Draw 1-9-9-17
Castle Draw 3-4-9-17	Castle Draw 8-9-9-17
Castle Draw 5-4-9-17	Castle Draw 6-4-9-17
Castle Draw 8-4-9-17	Castle Draw 9-4-9-17
Castle Draw 10-4-9-17	Castle Draw 11-4-9-17
Castle Draw 12-4-9-17	Castle Draw 15-4-9-17
Pleasant Valley 7-9-9-17	

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

Sincerely,

Cheryl Cameron

Regulatory Compliance Specialist

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

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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

2. NAME OF OPERATOR Inland Production Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*) At Surface SW/NE At proposed Prod. Zone 1980' FNL & 1980' FEL

5. LEASE DESIGNATION AND SERIAL NO. U-50750
6. IF INDIAN, ALOTTBE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME Pleasant Valley
9. WELL NO. #7-9-9-17
10. FIELD AND POOL OR WILDCAT Monument Butte
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 9, T9S, R17E
12. County Duchesne 13. STATE UT

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

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.(Also to nearest dng. unit line, if any) 1980'

16. NO. OF ACRES IN LEASE 360

17. NO. OF ACRES ASSIGNED TO THIS WELL 40

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. 6500'

19. PROPOSED DEPTH 6500'

20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5246.9' GR

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

Table with 5 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT/FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Row 1: Refer to Monument Butte Field SOP's Drilling Program/Casing Design

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

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

24. SIGNED Cheryl Cameron TITLE Regulatory Compliance Specialist DATE 3/26/98

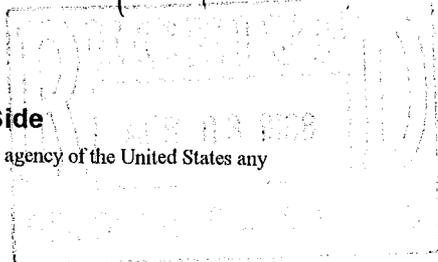
PERMIT NO. 43-013-32076 APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. CONDITIONS OF APPROVAL, IF ANY: Federal Approval of this Action is Necessary

APPROVED BY Bradley G Hill TITLE RECLAMATION SPECIALIST III DATE 4/22/98

\*See Instructions On Reverse Side

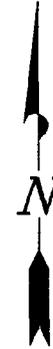
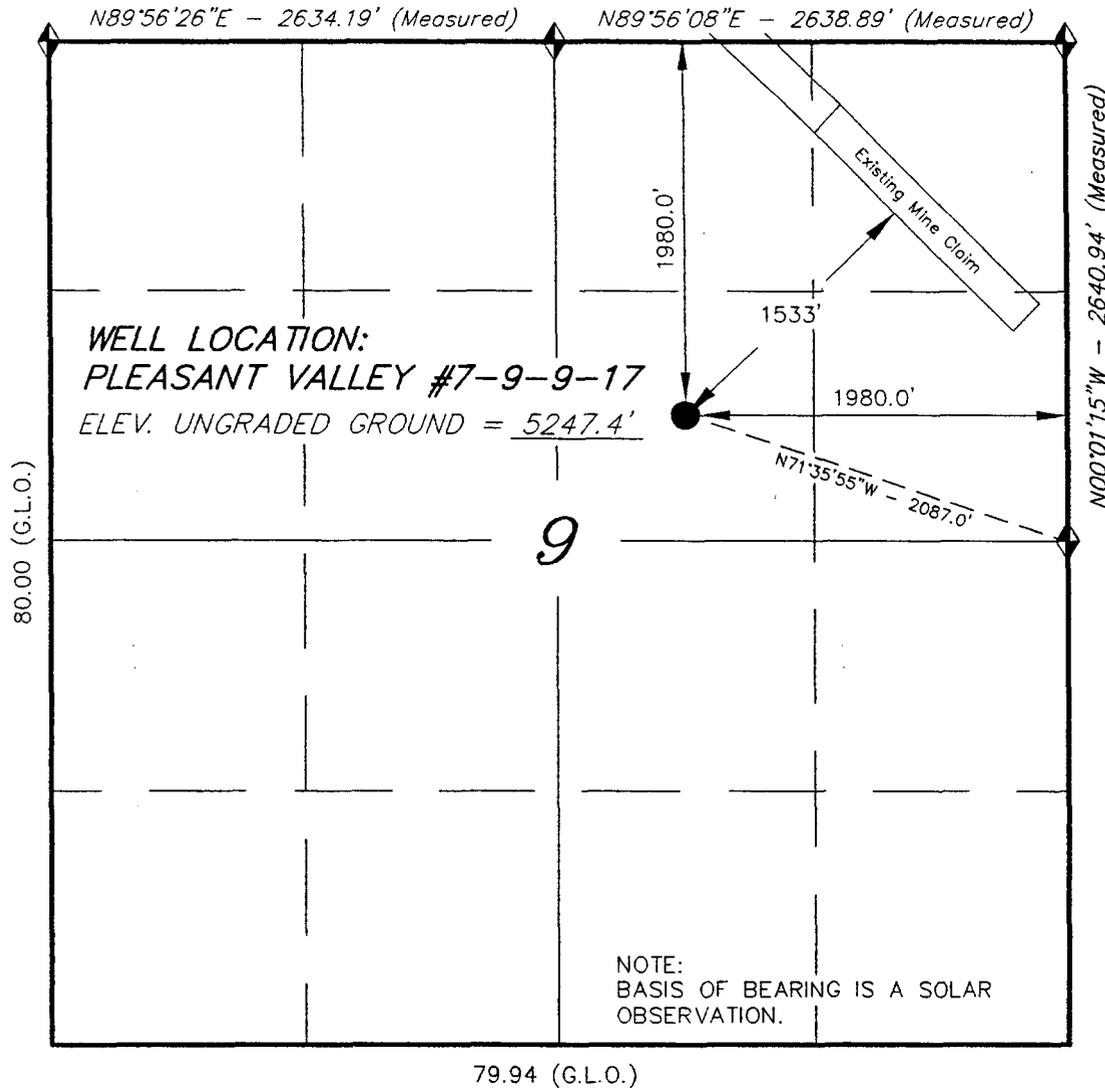
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



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

**INLAND PRODUCTION COMPANY**

WELL LOCATION, PLEASANT VALLEY #7-9-9-17, LOCATED AS SHOWN IN THE SW 1/4 NE 1/4 OF SECTION 9. T9S, R17E, S.L.B.&M. DUCHESNE COUNTY, UTAH.



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

*Debra J. Sorenson*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION No. 189377  
 STATE OF UTAH

**TRI STATE LAND SURVEYING & CONSULTING**

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

SCALE: 1" = 1000'	SURVEYED BY: DS NW
DATE: 3/3/98	WEATHER:
NOTES:	FILE # 7-9

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SE)

United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 1998 Plan of Development Pleasant Valley (GR)  
Unit, Duchesne County, Utah.

Pursuant to telephone conversation between Lisha Cordova, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following well is planned for calendar year 1998 within the Pleasant Valley (GR) Unit, Duchesne County, Utah.

Well No. 7-9-9-17 1980 FNL, 1980 FEL of Sec 9, T9S R17E

This office has no objection to permitting the well at this time.

bcc: File - Pleasant Valley Unit  
Division of Oil Gas and Mining  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:04/16/98

INLAND PRODUCTION COMPANY  
PLEASANT VALLEY #7-9-9-17  
SW/NE SECTION 9, T9S, R17E  
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 1495'
Green River	1495'
Wasatch	6500'

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

Green River Formation 1495' – 6500' - Oil

4. PROPOSED CASING PROGRAM

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

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

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

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

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

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

INLAND PRODUCTION COMPANY  
PLEASANT VALLEY #7-9-9-17  
SW/NE SECTION 9, 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 Pleasant Valley 7-9-9-17 located in the SW 1/4 NE 1/4 Section 9, T9S, R17E, S.L.B. 7 M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southeasterly along this road 12.8 miles  $\pm$  to its junction with a dirt road to the southwest; proceed southwesterly approximately 0.1 mile to the beginning of the proposed access road.

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 Exhibit "E".

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

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

The Archaeological Cultural Resource Survey Report is attached.

Inland Production Company requests that a pipeline ROW be granted to the Pleasant Valley #7-9-9-17 for a 4" poly fuel gas line, and a 6" poly gas gatherline line. Both lines will be run on surface, adjacent to the existing road-way; the route will follow existing roads where possible. Inland requests that a 30' width for the ROW and an additional 30' width for working surface as necessary. Refer to Topographic Map "B".

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

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

Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #7-9-9-17 SW/NE Section 9, Township 9S, Range 17E: Lease UTU-50750 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

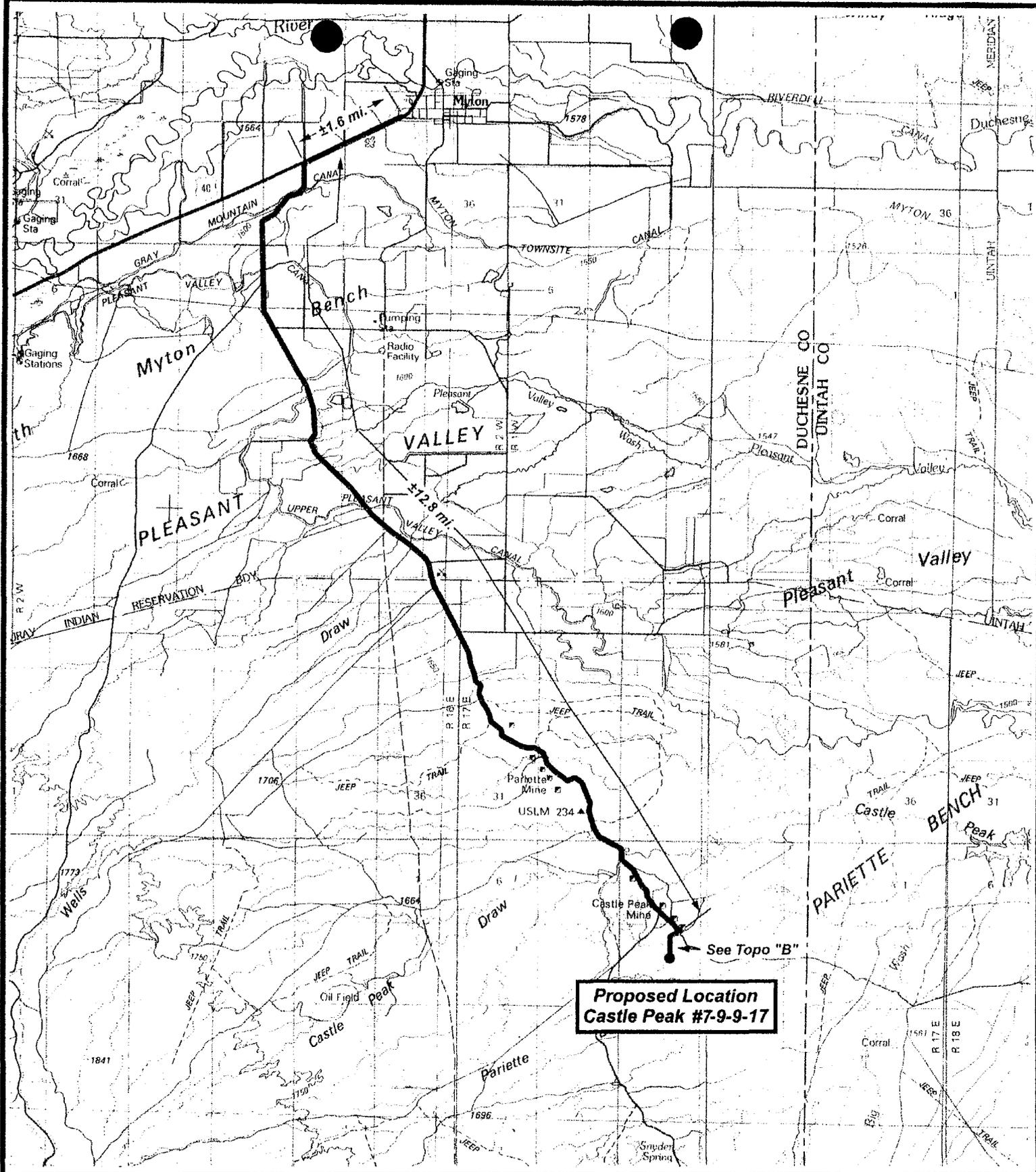
I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be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

3/26/98

Date

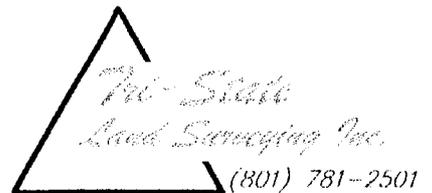


Cheryl Cameron  
Regulatory Compliance Specialist



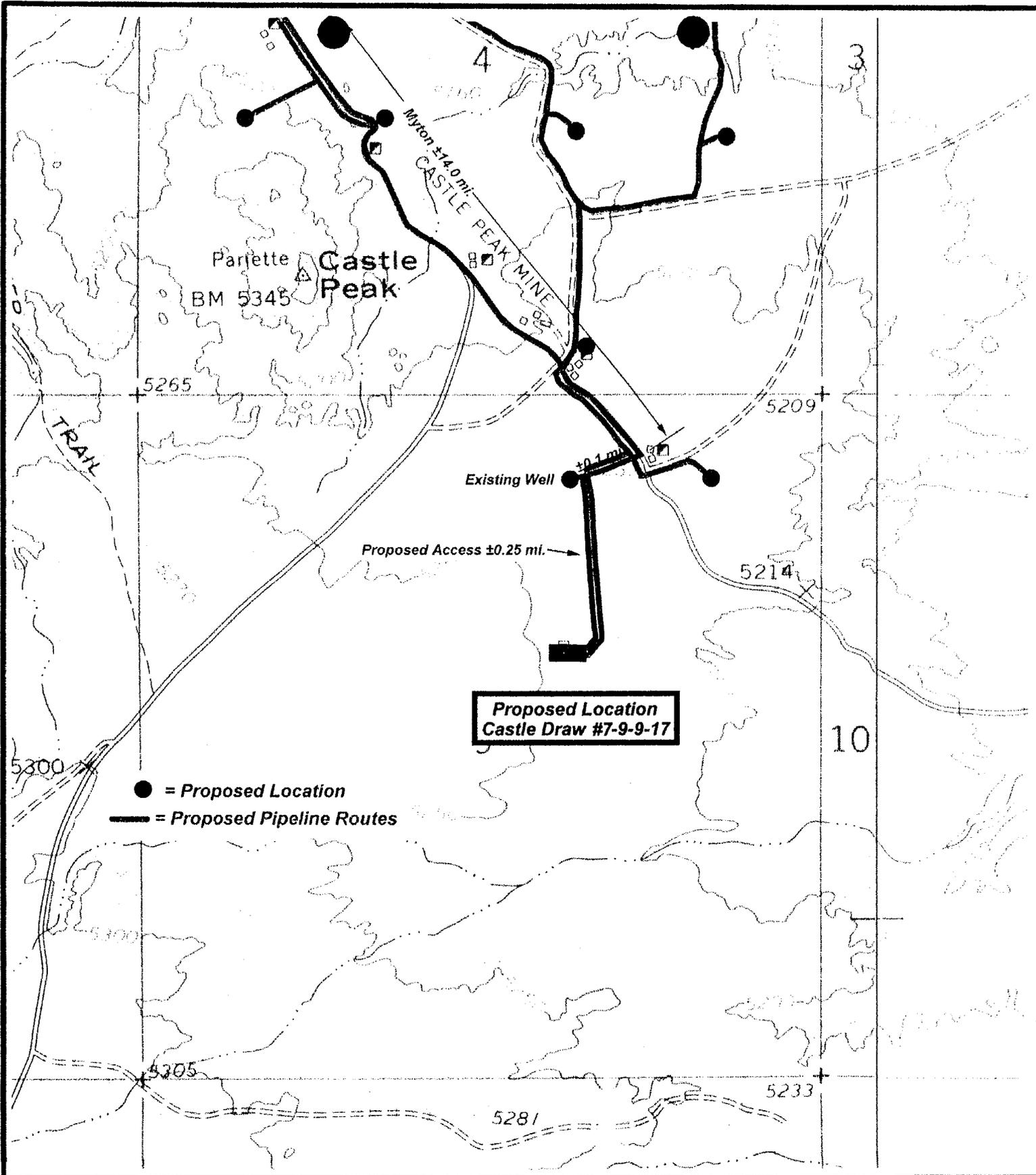
RESOURCES INC.

**CASTLE PEAK #7-9-9-17**  
**SEC. 9, T9S, R17E, S.L.B.&M.**  
**TOPO "A"**

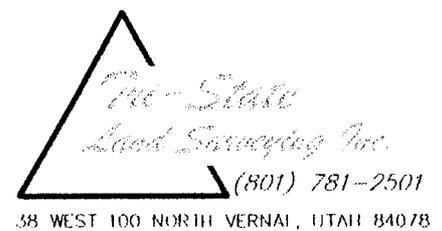
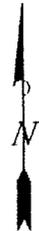


(801) 781-2501

38 WEST 100 NORTH VERNAL, UTAH 84078

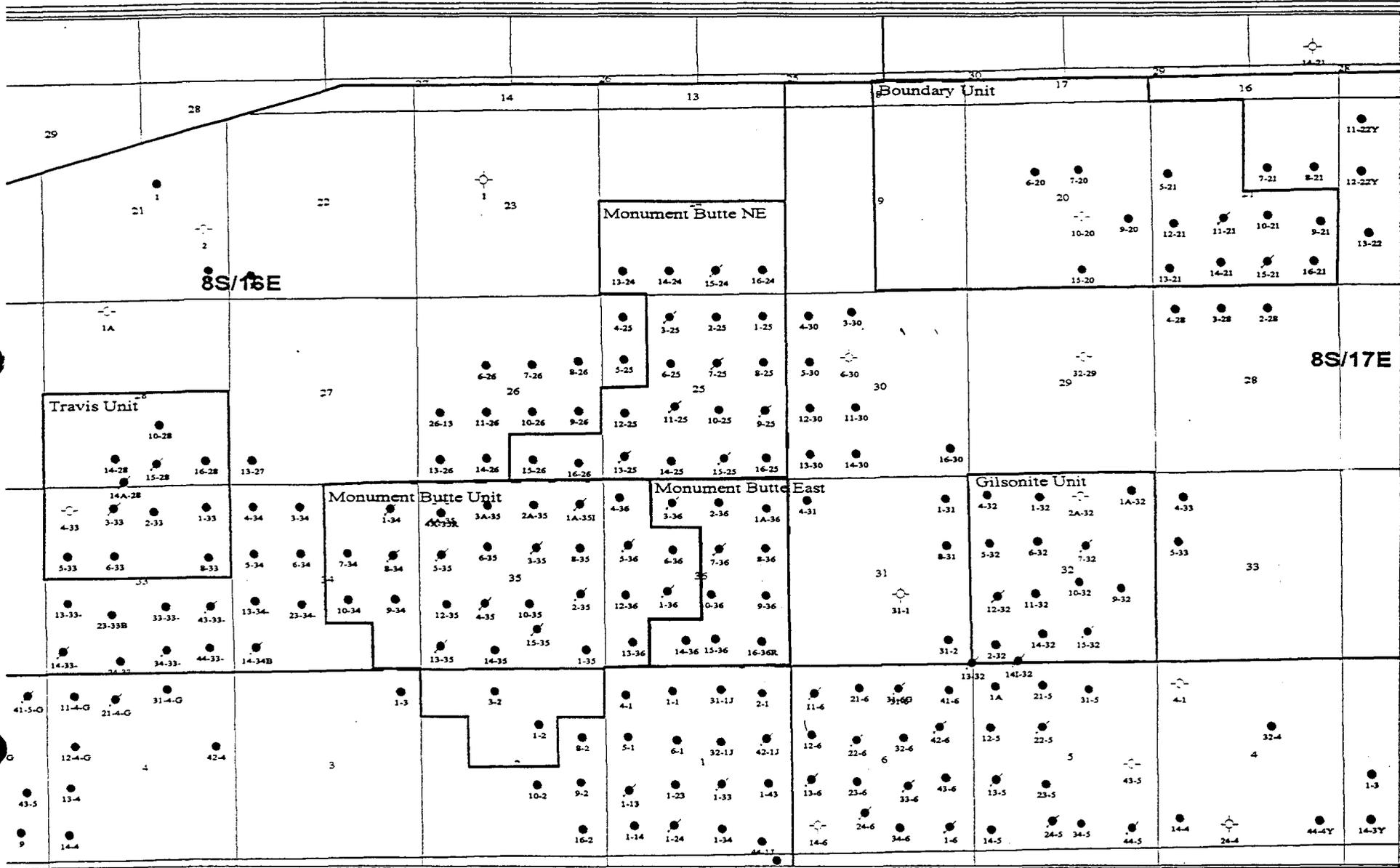


**CASTLE DRAW #7-9-9-17**  
**SEC. 9, T9S, R17E, S.L.B.&M.**  
**TOPO "B"**



SCALE 1" = 1000'

EXHIBIT "C"



**Inland**  
SURVEYING INC.

475 17<sup>th</sup> Street Suite 1500  
Denver, Colorado 80202  
Phone: (303) 292-0900

Regional Area

Duchesne County, Utah

Date: 4/18/97 J.A.

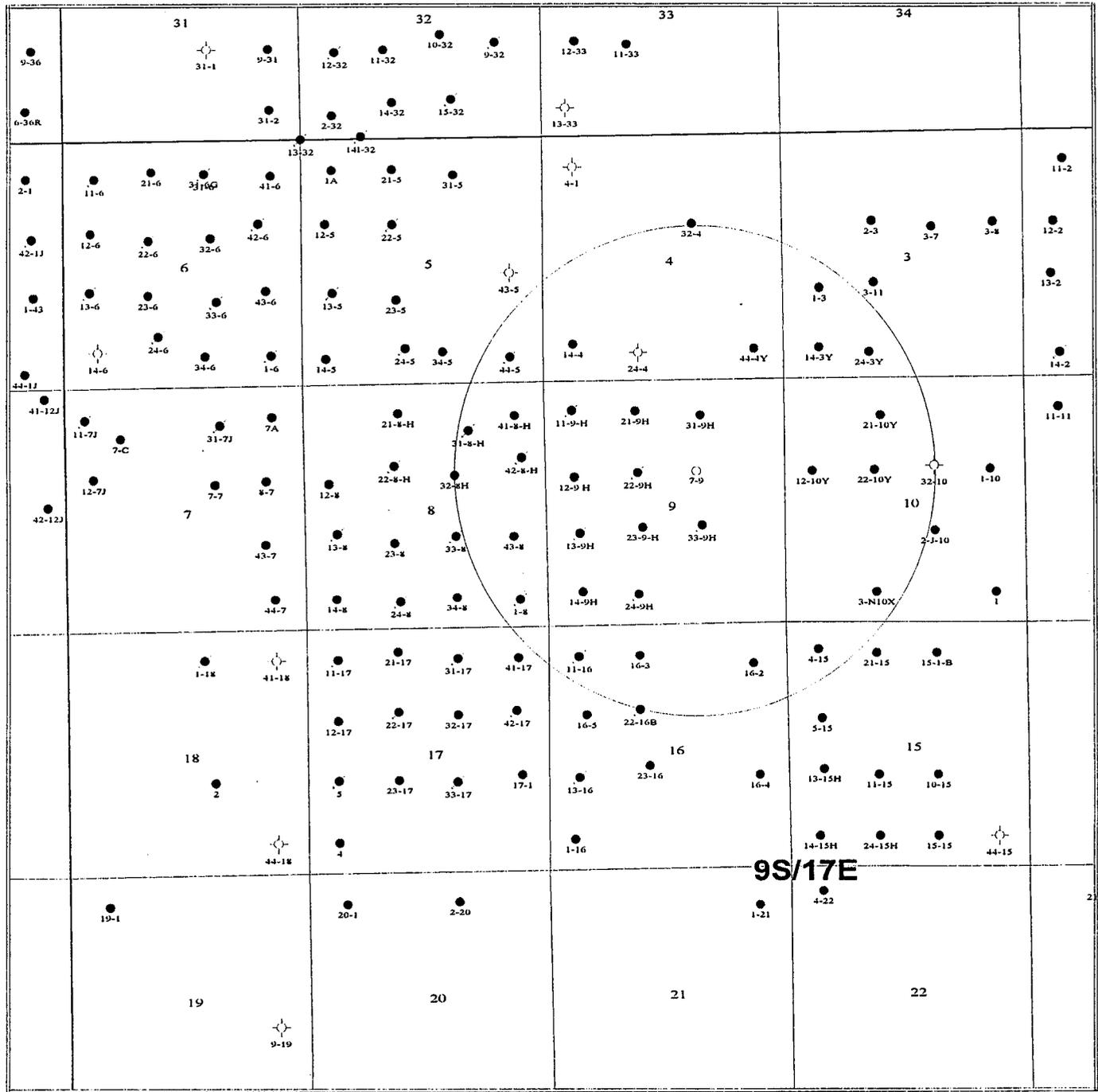
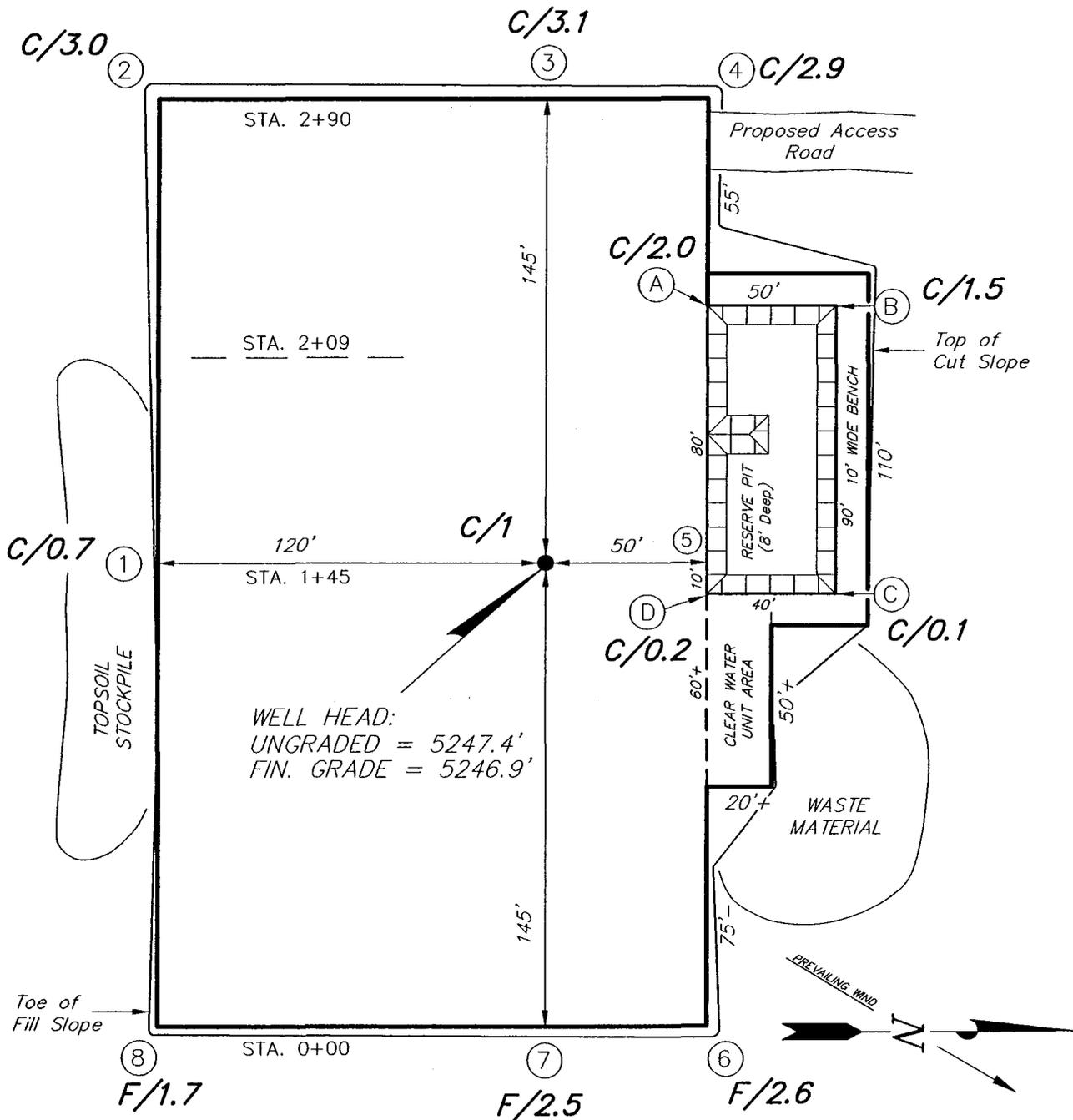


EXHIBIT "D"

INLAND PRODUCTION COMPANY		
ONE MILE RADIUS Castle Draw #7-9		
Job Action		31078
Scale: 1:40044.37		

# INLAND PRODUCTION COMPANY

PLEASANT VALLEY #7-9-9-17  
 SEC. 9, T9S, R17E, S.L.B.&M.



**REFERENCE POINTS**

- 195' WEST = 5250.3'
- 245' WEST = 5251.0'
- 170' SOUTH = 5247.7'
- 220' SOUTH = 5247.1'

SURVEYED BY: DS NW

DRAWN BY: BRW

DATE: 3/3/98

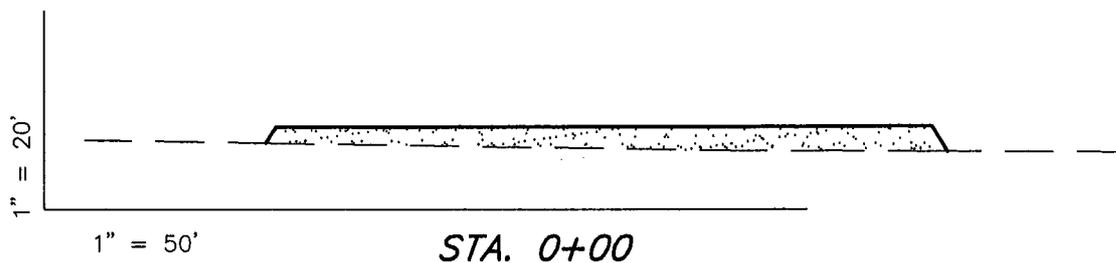
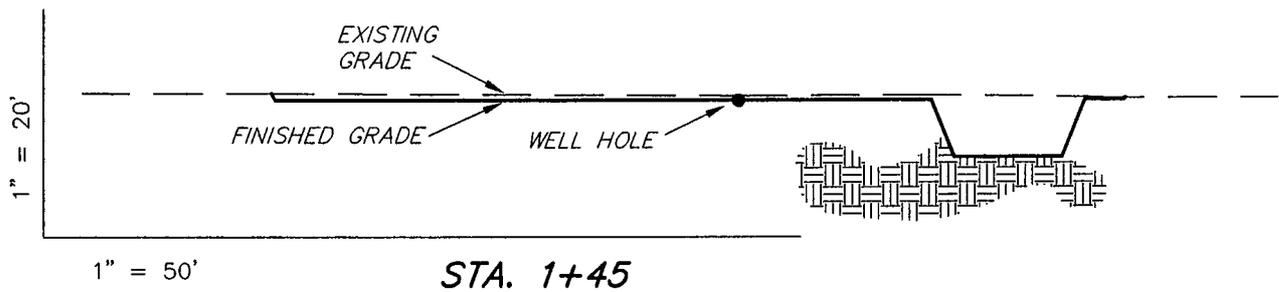
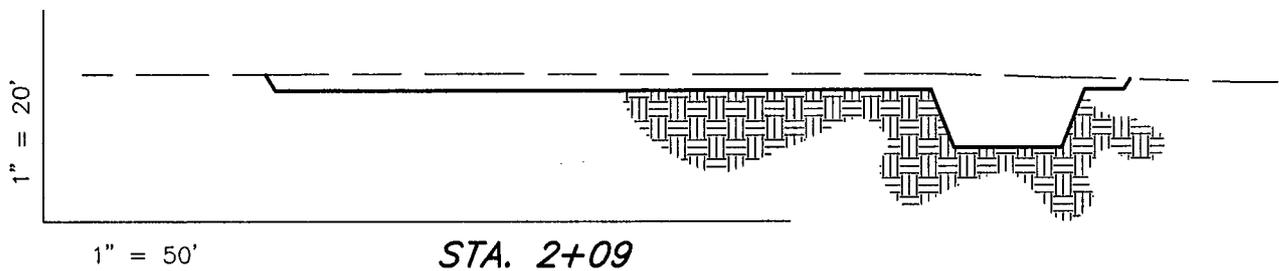
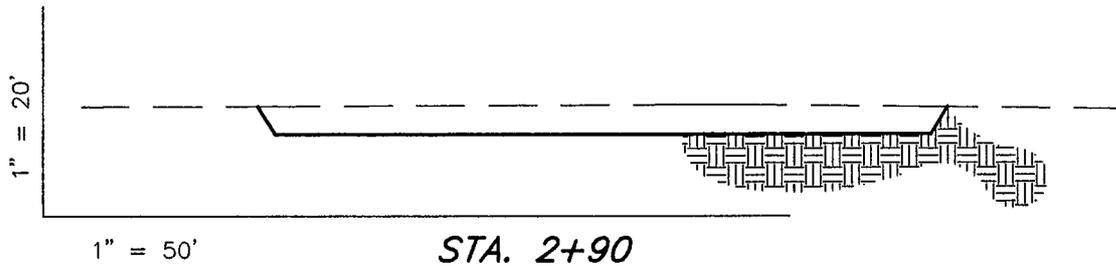
SCALE: 1" = 50'

FILE: 7-9

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

CROSS SECTIONS

PLEASANT VALLEY #7-9-9-17



APPROXIMATE YARDAGES

- CUT = 2,180 Cu. Yds.
- FILL = 820 Cu. Yds.
- PIT = 560 Cu. Yds.
- 6" TOPSOIL = 1,030 Cu. Yds.

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

Well No.: Pleasant Valley 7-9-9-17

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Pleasant Valley 7-9-9-17

API Number:

Lease Number: U-50750

Location: SWNE Sec. 9, T9S, R17E

**GENERAL**

Access pad from N, off of 2-9 well location.

**CULTURAL RESOURCES**

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

**PALEONTOLOGICAL RESOURCES**

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

**SOILS, WATERSHEDS, AND FLOODPLAINS**

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

**WILDLIFE AND FISHERIES**

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

**BURROWING OWL:** Due to the proximity of the location to active prairie dog towns, there is the potential to encounter nesting burrowing owls between April 1 and July 15. No new construction or surface disturbing activities will be allowed between April 1 and July 15 within a 0.5 mile radius of any active burrowing owl nest.

**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).

**OTHER**

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 04/03/98

API NO. ASSIGNED: 43-013-32076

WELL NAME: PLEASANT VALLEY 7-9-9-17  
 OPERATOR: INLAND PRODUCTION COMPANY (N5160)  
 CONTACT: Cheryl Cameron (435) 789-1866

PROPOSED LOCATION:  
 SWNE 09 - T09S - R17E  
 SURFACE: 1980-FNL-1980-FEL  
 BOTTOM: 1980-FNL-1980-FEL  
 DUCHESNE COUNTY  
 MONUMENT BUTTE FIELD (105)

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

LEASE TYPE: FED  
 LEASE NUMBER: U-50750  
 SURFACE OWNER: BLM

PROPOSED FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

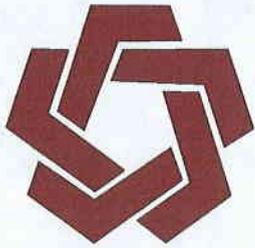
- Plat
- Bond: Federal  State  Fee   
 (No. #4488944)
- Potash (Y/N)
- Oil Shale (Y/N) \*190-5(B)
- Water Permit  
 (No. Johnson Water District)
- RDCC Review (Y/N)  
 (Date: \_\_\_\_\_)
- St/Fee Surf Agreement (Y/N)

LOCATION AND SITING:

- R649-2-3. Unit Pleasant Valley (GR)
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit  
 Board Cause No: \_\_\_\_\_  
 Date: \_\_\_\_\_

COMMENTS: \* Standard Operating Practices (SOP) separate file.  
\* BLM/SL added to 1998 PoD "Pleasant Valley (GR) Unit" 4-16-98.

STIPULATIONS: ① FEDERAL APPROVAL



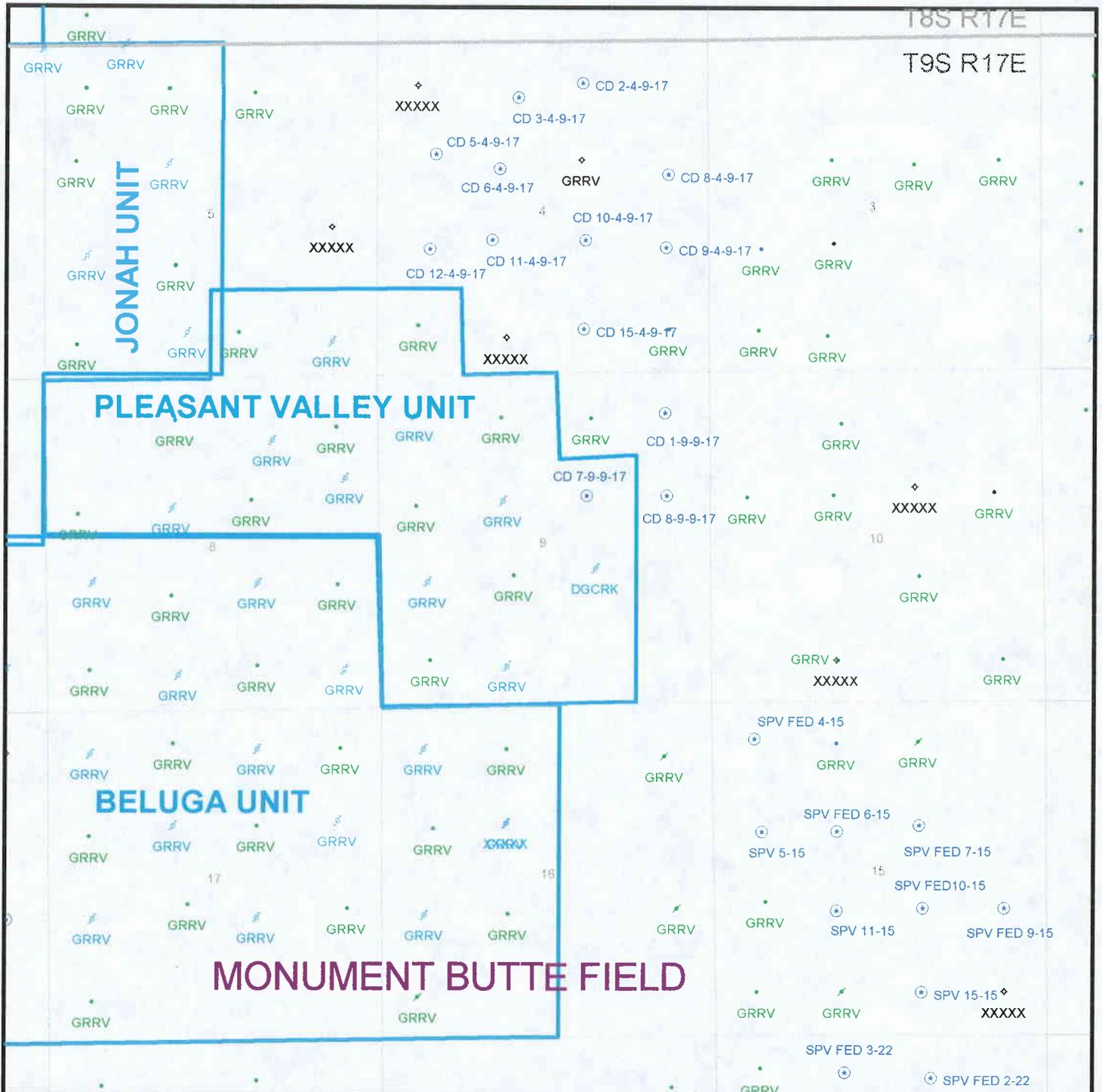
OPERATOR: INLAND PRODUCTION CO. (N5160)

FIELD: MONUMENT BUTTE (105)

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

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

DIVISION OF OIL, GAS & MINING



DATE PREPARED:  
6-APR-1998



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

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

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

April 23, 1998

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

Re: Pleasant Valley 7-9-9-17 Well, 1980' FNL, 1980' FEL, SW NE,  
Sec. 9, T. 9 S., R. 17 E., Duchesne County, Utah

Gentlemen:

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

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32076.

Sincerely,

A handwritten signature in black ink that reads "John R. Baza".

John R. Baza  
Associate Director

lwp

Enclosures

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

Operator: Inland Production Company  
Well Name & Number: Pleasant Valley 7-9-9-17  
API Number: 43-013-32076  
Lease: U-50750  
Location: SW NE Sec. 9 T. 9 S. R. 17 E.

### Conditions of Approval

1. General

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

2. Notification Requirements

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

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

3. Reporting Requirements

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

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

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO. U-50750
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME Pleasant Valley
9. WELL NO. #7-9-9-17
10. FIELD AND POOL OR WILDCAT Monument Butte
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 9, T9S, R17E
12. County Duchesne 13. STATE UT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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

2. NAME OF OPERATOR Inland Production Company
3. ADDRESS OF OPERATOR P.O. Box 790233 Vernal, UT 84079 Phone: (801) 789-1866
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*) At Surface SW/NE 1980' FNL & 1980' FEL

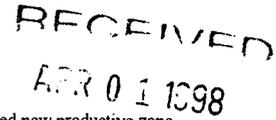
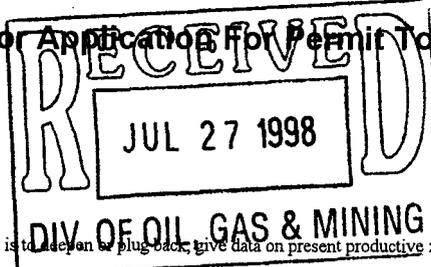
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\* 14 Miles southeast of Myton, Utah

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1980'
16. NO. OF ACRES IN LEASE 360
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.
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20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5246.9' GR
22. APPROX. DATE WORK WILL START\* 2nd Quarter 1998

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

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



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

24. SIGNED Cheryl Cameron TITLE Regulatory Compliance Specialist DATE 3/26/98

(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 7/20/98

NOTICE OF APPROVAL CONDITIONS OF APPROVAL ATTACHED

\*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.

ACR-301544

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: Pleasant Valley 7-9-9-17

API Number: 43-13-32076

Lease Number: U-50750

Location: SWNE Sec. 09 T. 09S R. 17E

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

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

**SURFACE USE PROGRAM**

**Location Reclamation**

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

needle and thread	Stipa comata	3 lbs/acre
shadscale	Atriplex confertifolia	3 lbs/acre
fourwing saltbush	Atriplex canescens	4 lbs/acre
western wheatgrass	Agropyron smithii	2 lbs/acre

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

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

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

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION COMPANY

Well Name: PLEASANT VALLEY 7-9-9-17

Api No. 43-013-32076 LEASE TYPE: FEDERAL

Section 09 Township 09S Range 17E County DUCHESNE

Drilling Contractor UNION DRILLING RIG # 14

SPUDDED:

Date 06/12//2000

Time 1:30 PM

How DRY

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

Reported by PAT WISENER

Telephone # 1-435-823-7468

Date 06/13/2000 Signed: CHD

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

OPERATOR INLAND PRODUCTION COMPANY  
 ADDRESS RT. 3 BOX 3036  
MYTON, UT 84052

OPERATOR ACCT NO N5169

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
E	99999	12277	43-013-32076	Pleasant Valley 7-9-9-17	SYNE	9	9S	17E	Duchesne	June 12, 2000	April 1, 1995
WELL 1 COMMENTS Union rig #14 spud at 1:30pm <i>000619 entity added.</i>											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
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 entry for new well (single well only)
  - B - Add new well to existing entity (group or unit well)
  - C - Re-assign well from one existing entity to another existing entity
  - D - Re-assign well from one existing entity to a new entity
  - E - Other (explain in comments section)

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

*Cari Matheson*  
 Signature  
 Production Clerk  
 June 13, 2000  
 Date

JUN-13-00 TUE 11:44 AM INLAND PRODUCTION CO FAX NO. 435 846 3031 P. 03



June 19, 2000

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

Dear Carol:

Please find enclosed Form 3160- 5, for the Pleasant Valley 7-9-9-17. If you have any questions feel free to call me @ 435-823-7468 cell, or 435-646-3721 office any time.

Sincerely,

PAT WISENER  
Drilling Foreman

Enclosures

*pw*

**RECEIVED**

JUN 20 2000

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.

**U-50750**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**NA**

8. Well Name and No.

**P.V. 7-9-9-17**

9. API Well No.

**43-013-32076**

10. Field and Pool, or Exploratory Area

**MONUMENT BUTTE**

11. County or Parish, State

**Duchesne County, UTAH**

**SUBMIT IN TRIPLICATE**

1. Type of Well

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

2. Name of Operator

**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.

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

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

**1980" FNL & 1980 FEL SW/NE  
Sec.9, T9S, R17E**

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

TYPE OF SUBMISSION

TYPE OF ACTION

<input type="checkbox"/> Notice of Intent
<input checked="" type="checkbox"/> Subsequent Report
<input type="checkbox"/> Final Abandonment Notice

<input type="checkbox"/> Abandonment
<input type="checkbox"/> Recompletion
<input type="checkbox"/> Plugging Back
<input type="checkbox"/> Casing Repair
<input type="checkbox"/> Altering Casing
<input checked="" type="checkbox"/> Other <u>Surface Spud</u>

<input type="checkbox"/> Change of Plans
<input type="checkbox"/> New Construction
<input type="checkbox"/> Non-Routine Fracturing
<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Conversion to Injection
<input type="checkbox"/> Dispose Water

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

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

MIRU UNION RIG # 14. Set equipment. Drill mouse hole & rat hole. Spud well @1:30pm on 6/11/00. Drill 17 1/4" hole and set 23' of 13 3/8" conductor. Nipple up cellar. Drill 12 1/4" hole with air mist to a depth of 311'. TIH w/ 8 5/8" J-55 csg. Landed @ 297.9' KB. Cement with \*14lks class "G" w/ 2% CaCL2 & 1/4#/sk Cello-flake mixed @ 15.8ppg.>1.17 YLD. Estimated 3 bbls cement to surface. WOC 4 hours. Break out & Nipple up BOP's. Pressure test Kelly, TIW, Choke manifold, & BOP's TO 2000 psi. Test 8 5/8" CSG with 2 cup packer to 1500 PSI. ALL TESTED GOOD. Vernal District BLM was represented by Ray Arnold. Utah DOGM notified by phone. Drill 7 7/8" hole with water mist to a depth of 3819'. TOH and PU & MU #4bit,MM, & BHA. Drill 7 7/8"hole with water based mud to a depth of 5652'.

**RECEIVED**

JUN 20 2000

DIVISION OF  
OIL, GAS AND MINING

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

Signed

*H. Wisener*

Title

Drilling Foreman

Date

06/19/2000

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

**CC: UTAH DOGM**

# INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8" CASING SET AT 297.9

LAST CASING 8 5/8' SET AT 297.90  
 DATUM 10' KB  
 DATUM TO CUT OFF CASING \_\_\_\_\_  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 311' LOGGER \_\_\_\_\_  
 HOLE SIZE 12 1/4"

OPERATOR INLAND PRODUCTION COMPANY  
 WELL Pleasant Valley 7-9-9-17  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # UNION RIG 14

**LOG OF CASING STRING:**

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		LANDING JT					14
		WHI " 92 " CSG HEAD			8rd	A	0.95
7	8 5/8"	Maverick SC&T CSG	24 #	J-55	8rd	A	286.05
		SHOE - <b>GUIDE</b>			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			301.9
TOTAL LENGTH OF STRING		301.9	7	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.85		PLUS DATUM TO T/CUT OFF CSG			10
PLUS FULL JTS. LEFT OUT		0	0	CASING SET DEPTH			<b>297.9</b>
TOTAL		286.05	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		286.05	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.		2:30am		GOOD CIRC THRU JOB			YES
CSG. IN HOLE		3:30am		Bbls CMT CIRC TO SURFACE			2 BBLs-
BEGIN CIRC		4:08am		RECIPROCATED PIPE FOR			THRU _____ FT STROKE
BEGIN PUMP CMT		4:23am		DID BACK PRES. VALVE HOLD ?			N/A
BEGIN DSPL. CMT		4:33am		BUMPED PLUG TO			106 PSI
PLUG DOWN		4:41am					

CEMENT USED		CEMENT COMPANY- <b>B. J.</b>		RECEIVED
STAGE	# SX	CEMENT TYPE & ADDITIVES		
1	141	Class "G" w/ 2% CaCL2 + .1/4# /sk. Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield		
2				
		DIVISION OF OIL, GAS AND MINING		
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING		
1 on middle of first JT, 1 on collar of the second & third JT. TOTAL 3				

COMPANY REPRESENTATIVE Pat Wisener DATE 06/13/2000

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.	<b>U-50750</b>
6. If Indian, Allottee or Tribe Name	NA
7. If Unit or CA, Agreement Designation	NA
8. Well Name and No.	<b>P.V. 7-9-17</b>
9. API Well No.	<b>43-013-32076</b>
10. Field and Pool, or Exploratory Area	<b>MONUMENT BUTTE</b>
11. County or Parish, State	<b>Duchesne County, UTAH</b>

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator  
**INLAND PRODUCTION COMPANY**

3. Address and Telephone No.  
**Route 3 Box 3630 Myton, Utah 84052    435-646-3721**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**1980" FNL & 1980 FEL    SW/NE  
 Sec.9, T9S, R17E**

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

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

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

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

**Weekly Status report for thre period of 6/18/00 thru 6/25/00**

Circulate hole. Drop survey. Lay down drill string & BHA. Open hole log. PU & MU 5 1/2" float shoe and 133 jt's of J-55 15.5#, 5 1/2" CSGN. **Set @ 5636.27 KB.** Rig up HES and cement as follows; 20 bbls Mud clean, 20 bbls dye water. 300 sks of HiBOND 65- 65%POZ, 35%CMT, 3%KCL, 10%GEL, Mixed @ 11.0ppg>3.0YLD. 300 sks of PREM 5- 10%CALSEAL, Mixed @ 14.2ppg>1.60YLD. Good returns thru out the job. Plug down @ 12:21 am on 6/19/00. 10 bbls dye water returned to surface. Nipple down BOP's. Drop slips with 95,000# string weight. Clean and dump pits release rig @ 4:00 am on 6/19/00. WOC

**RECEIVED**  
 JUN 27 2000  
 DIVISION OF  
 OIL, GAS AND MINING

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

Signed *Pat W. Wener* Title Drilling Foreman Date 06/26/2000

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

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

# INLAND PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5636.27

LAST CASING 8 5/8' SET AT 297.90  
 DATUM 10' KB  
 DATUM TO CUT OFF CASING \_\_\_\_\_  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TD DRILLER 5652' LOGGER 5666'  
 HOLE SIZE 7 7/8"

OPERATOR INLAND PRODUCTION COMPANY  
 WELL Pleasant Valley 7-9-9-17  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # UNION RIG 14

**LOG OF CASING STRING:**

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		LANDING JT					14
133	5 1/2"	Maverick LT&C CSG	15.5#	J-55	8rd	A	5624.92
		SHOE - <b>FLOAT</b>			8rd	A	1.35

CASING INVENTORY BAL.	FEET	JTS	TOTAL LENGTH OF STRING	5640.27
TOTAL LENGTH OF STRING	5640.27	133	LESS CUT OFF PIECE	14
LESS NON CSG. ITEMS	15.35		PLUS DATUM TO CUT OFF CSG.	10
PLUS FULL JTS. LEFT OUT	116.5	3	CASING SET DEPTH	<b>5636.27</b>

TOTAL	5741.42	136	COMPARE DIVISION OF OIL, GAS AND MINING JUN 27 2000
TOTAL CSG. DEL. (W/O THRDS)	5741.42	136	
TIMING	1ST STAGE	2nd Stage	
BEGIN RUN CSG.	6:30pm		GOOD CIRC THRU JOB <u>YES</u>
CSG. IN HOLE	10:00pm		Bbls CMT CIRC TO SURFACE <u>10bbls dye</u>
BEGIN CIRC	10:15pm	11:20pm	RECIPROCATED PIPE FOR <u>20 MINS.</u> THRU <u>6' FT</u> STROKE
BEGIN PUMP CMT	11:29pm	11:49pm	DID BACK PRES. VALVE HOLD ? <u>YES</u>
BEGIN DSPL. CMT		12:02am	BUMPED PLUG TO <u>2156</u> PSI
PLUG DOWN		<b>12:21am</b>	

CEMENT USED	CEMENT COMPANY- <b>HALIBURTON</b>		
STAGE	# SX	CEMENT TYPE & ADDITIVES	
<b>1</b>	<b>300</b>	HiBond 65- 65% POZ, 35%CMT, 3%KCL,10% GEL. Mixed @ 11.0ppg>3.0YLD	
<b>2</b>	<b>300</b>	PREM 5.-10% CALSEAL. Mixed @ 14.2ppg>1.60YLD	

CENTRALIZER & SCRATCHER PLACEMENT SHOW MAKE & SPACING

1 on middle of first JT, 1 on collar of the second & third JT. Then every third collar for a total of 20.



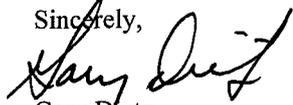
July 17, 2000

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

Dear Carol;

Please find enclosed Form 3160-5, for the Pleasant Valley 7-9-9-17. If you have any questions please call me at 435-823-4211 (CELL) or 435-646-3721 (OFFICE) any time.

Sincerely,



Gary Dietz  
Completion Foreman

Enclosures

gd

RECEIVED

JUL 17 2000

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.  
**U-50750**

6. If Indian, Allottee or Tribe Name  
NA

7. If Unit or CA, Agreement Designation

SUBMIT IN TRIPLICATE

1. Type of Well  
 Oil Well     Gas Well     Other

8. Well Name and No.  
**Pleasant Valley 7-9-9-17**

9. API Well No.  
43-013-32076

2. Name of Operator  
**Inland Production Company**

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

3. Address and Telephone No.  
**Rout #3 Box 3630 Myton, Utah 84052 435-646-3721**

11. County or Parish, State  
Duchesne County Utah

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
1980' FNL & 1980' FEL SW/NE Section 9, T9S, R17E

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

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

Status report for time period 7/10/00 through 7/1600.  
Subject well had completion procedures initiated on 7/10/00. Three Green River intervals were perforated and hydraulically fractured. Bridge plugs and sand plugs were removed from wellbore. Zones are being swab tested to clean up sand at present time.

14. I hereby certify that the foregoing is true and correct  
Signed Gary Dietz Title **Completion Foreman** Date **17-Jul-00**

(This space for Federal or State office use)  
Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_  
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.

\*See Instruction on Reverse Side



**PRODUCTION COMPANY**  
A Subsidiary of Inland Resources Inc.

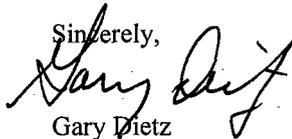
July 24, 2000

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

Dear Carol;

Please find enclosed Form 3160-5, for the Pleasant Valley 7-9-9-17. If you have any questions please call me at 435-823-4211 (CELL) or 435-646-3721 (OFFICE) any time.

Sincerely,



Gary Dietz  
Completion Foreman

Enclosures

gd

**RECEIVED**

JUL 25 2000

**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.

**U-50750**

6. If Indian, Allottee or Tribe Name  
NA

7. If Unit or CA, Agreement Designation

8. Well Name and No.

**Pleasant Valley 7-9-9-17**

9. API Well No.

43-013-32076

10. Field and Pool, or Exploratory Area

**Monument Butte**

11. County or Parish, State

Duchesne County Utah

*SUBMIT IN TRIPLICATE*

1. Type of Well

Oil Well  Gas Well  Other

2. Name of Operator

**Inland Production Company**

3. Address and Telephone No.

**Rout #3 Box 3630 Myton, Utah 84052 435-646-3721**

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

1980' FNL & 1980' FEL SW/NE Section 9, T9S, R17E

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

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

Status report for time period 7/17/00 through 7/23/00.  
Subject well had completion procedures initiated on 7/10/00. Production equipment was ran in well. Began producing on pump on 7/17/00.

**RECEIVED**

JUL 25 2000

DIVISION OF  
OIL, GAS AND MINING

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

Signed Gary Dietz Title **Completion Foreman** Date **24-Jul-00**

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

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.

\*See Instruction on Reverse Side

**INLAND PRODUCTION COMPANY**  
**GEOLOGIC PROGNOSIS AND LOG DISTRIBUTION LIST**

(Updated 3/10/2000)

**WELL:** Pleasant Valley #7-9-9-17

**API Number:** 43-013-32076

**LOCATION:** 1980' FNL, 1980' FEL (SWNE)  
Section 9, T9S, R17E  
Duchesne County, Utah

**ELEVATION:** 5247' Ground  
5257' KB

**TOPS:**

Uinta Formation	surface
Green River Formation	
Garden Gulch Member	3623'
Point Three Marker	4177'
'X' Marker	4434'
'Y' Marker	4466'
Douglas Creek Member	4599'
Bicarbonate	4810'
B Limestone	4960'
Castle Peak Limestone	5420'
Basal Limestones	

**ANTICIPATED PAY SANDS:**

GB-6	4112'
PB-10	4379'
C-SD	4780'
B-0.5	4865'
A-3	5098'
CP-1	5446'

**TOTAL DEPTH:** 5650'

**CORES:** None planned

**DSTS:** None planned

**SAMPLES:** 30' samples from 3000' to TD

**DRILLING:**

Union Rig#14: (435) 828 6434

Pusher: (435) 828 6433 Rex Harris

Superintendent: David Gray (435) 828 8031 (cellular)

**REPORT WATER FLOWS TO UTAH DIVISION OF OIL, GAS AND MINING:** (801) 538 5340

**OPEN HOLE LOGGING:**

Phoenix Surveys: David Jull (435) 637 4420

DIGL/SP/GR Suite: TD to surface casing

CDL/CNL/GR/CAL Suite logs: TD to 3000'

Gamma Ray scale 0-150

Matrix density 2.68

LAS data floppy required.

**DATA DISTRIBUTION:**

Pleasant Valley #7-9-9-17

Page 1 of 2

**RECEIVED**

**JUL 31 2000**

**DIVISION OF  
OIL, GAS AND MINING**

Inland Production Company (Mail 6 copies)  
Route #3 Box 3630  
Myton, UT 84052  
Attn: Brad Mecham

Inland Production Company (Mail 6 copies,  
EXPRESS)  
410 17th St., Suite 700  
Denver, CO 80202  
Fax: 303-382-4455  
Attn: Josh Axelson

State of Utah  
Division of Oil, Gas and Mining (Mail 1 copy)  
1594 West North Temple, Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

Bureau of Land Management (Mail 1 copy)  
170 S. 500 East  
Vernal, UT 84078  
Attn: Ed Forsman

**COMPANY CONTACTS:**

**Pat Wisener** (District Drilling Foreman)  
(435) 646 3721 office  
(435) 646 3031 office fax  
(435) 823 7468 cellular  
(435) 646 1270 pager

**Brad Mecham** (District Manager)  
(435) 646 3721 office  
(435) 646 3031 office fax  
(435) 823 6205 cellular  
(435) 353 4211 home

**Donn Murphy** (Operations Manager)  
(303) 893 0102 X440 office  
(303) 526 7748 home  
(435) 823 3737 cellular

707 17th Street, Suite 3300  
Denver, CO 80202-3404  
Attn: Joe Albi  
(303) 295 3995 (office) notify prior to coring, testing,  
logging or abandonment  
(303) 295 3494 (fax)  
(303) 683 1118 (home)  
or Attn: Tim Wilcox  
(303) 295-3995 (office)  
(303) 431 4631 (home)

**PARTNERS:**

Key Production Company, Inc (Mail 1 copy)



August 22, 2000

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

Attn: Mr. Edwin I. Forsman

Dear Mr. Forsman:

Enclosed are duplicate copies of the Well Completion form (Form 3160-4) and a set of logs for the following wells:

Pleasant Valley # 7-9-9-17  
Pleasant Valley # 15-9-9-17

Also enclosed is an *updated* completion form only for the Wells Draw Federal # 44-31.

If you should have any questions, please contact me at (303) 893-0102.

Sincerely,

Madalyn M. Runge  
Operations Secretary

Enclosures

cc: State of Utah, Division of Oil, Gas and Mining  
Attn: Mr. Robert Krueger  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

Well File – Denver  
Well File – Roosevelt  
Patsy Barreau / Denver  
Bob Jewett / Denver

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AUG 28 2000

DIVISION OF  
OIL, GAS AND MINING

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

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

<p><b>1a. TYPE OF WORK</b></p> <p>OIL WELL <input checked="" type="checkbox"/>    GAS WELL <input type="checkbox"/>    DRY <input type="checkbox"/>    Other _____</p> <p><b>1b. TYPE OF WELL</b></p> <p>NEW WELL <input checked="" type="checkbox"/>    WORK OVER <input type="checkbox"/>    DEEPEN <input type="checkbox"/>    PLUG BACK <input type="checkbox"/>    DIFF RESVR. <input type="checkbox"/>    Other _____</p>	<p>5. LEASE DESIGNATION AND SERIAL NO. <b>U - 50750</b></p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME <b>NA</b></p> <p>7. UNIT AGREEMENT NAME <b>PLEASANT VALLEY</b></p> <p>8. FARM OR LEASE NAME, WELL NO. <b>Pleasant Valley 7-9-9-17</b></p>
---	---

<p>2. NAME OF OPERATOR <b>INLAND RESOURCES INC.</b></p> <p>3. ADDRESS AND TELEPHONE NO. <b>410 17th St. Suite 700 Denver, CO 80202</b></p> <p>4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)* At Surface <b>1980' FNL &amp; 1980' FEL (SW/NE) Section 9 - T9s - R17E</b> At top prod. Interval reported below</p>	<p>9. API WELL NO. <b>43-013-32076</b></p> <p>10. FIELD AND POOL OR WILDCAT <b>Monument Butte</b></p> <p>11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA <b>Sec. 9-9S-17E</b></p>
--	---

14. PERMIT NO. <b>43-013-32076</b>	DATE ISSUED <b>07/20/98</b>	12. COUNTY OR PARISH <b>DUCHESNE</b>	13. STATE <b>UT</b>
15. DATE SPUNDED <b>06/12/00</b>	16. DATE T.D. REACHED <b>06/18/00</b>	17. DATE COMPL. (Ready to prod.) <b>07/17/00</b>	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* <b>5247' GR      5257' KB</b>
20. TOTAL DEPTH, MD & TVD <b>5666'</b>	21. PLUG BACK T.D., MD & TVD <b>5636'</b>	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY <b>INTERVALS DRILLED BY [Signature]</b>

<p>24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* <b>Green River (4766' to 5086')</b></p>	<p>25. WAS DIRECTIONAL SURVEY MADE <b>No</b></p>
<p>26. TYPE ELECTRIC AND OTHER LOGS RUN <b>✓DIGI/SP/CDL 6-22-00</b></p>	<p>27. WAS WELL CORED <b>No</b></p>

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8	24#	298'	12-1/4	141 sx Class G w/ 2% CaCl2	
5-1/2	15.5#	5636'	7-7/8	00 sx HiBond 60-65% Poz & 300 sx Prem	

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SIZE	DEPTH SET (MD)	PACKER SET (MD)	
				2-7/8	EOT @ 5545'	TA @ 5447'	

31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	JSPF	NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(A-sds) 5074' - 5086'	4	48	5074' - 5086'	Frac w/ 78,000# 20/40 sd in 476 bbls fluid
(CP-sds) 5458' - 5496'	2	76	5458' - 5496'	Frac w/ 90,021# 20/40 sd in 546 bbls fluid
(C/B-sds) 4766' - 4861'	4	48	4766' - 4861'	Frac w/ 90,000# 20/40 sd in 541 bbls fluid

**33.\* PRODUCTION**

DATE FIRST PRODUCTION <b>07/17/00</b>	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) <b>2-1/2" x 1-1/2" x 16' RHAC Pump</b>	WELL STATUS (Producing or shut-in) <b>PRODUCING</b>					
DATE OF TEST <b>22 day average</b>	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO
			→	56	25	17	446
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	

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

TEST WITNESSED BY \_\_\_\_\_

35. LIST OF ATTACHMENTS  
**Logs in Item #26**

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

SIGNED [Signature] TITLE **Senior Operations Engineer** DATE **8/22/00**

\*(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);

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	TOP MEAS. DEPTH	TRUE VERT. DEPTH
			Pleasant Valley 7-9-9-17	Garden Gulch Mkr 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)	3620' 3926' 4182' 4423' 4462' 4588' 4822' 4948' 5414' 5666'	

RECEIVED

AUG 26 1933

DIVISION OF  
OIL, GAS AND MINING



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

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

<b>UTSL-</b>	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
<b>UTU-</b>	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

**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:

**9/1/2004**

<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:**

**PLEASANT VALLEY (GR)**

**WELL(S)**

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
FEDERAL 14-4H	04	090S	170E	4301330671	12277	Federal	OW	P
FEDERAL 34-5H	05	090S	170E	4301330721	12277	Federal	OW	P
FEDERAL 44-5H	05	090S	170E	4301330913	12277	Federal	WI	A
FEDERAL 32-8H	08	090S	170E	4301330542	12277	Federal	OW	P
FEDERAL 42-8H	08	090S	170E	4301330678	12277	Federal	WI	A
FED NGC 31-8H	08	090S	170E	4301330679	12277	Federal	WI	A
NGC 12-8H FED	08	090S	170E	4301330680	12277	Federal	OW	P
NGC 41-8H	08	090S	170E	4301330741	12277	Federal	OW	P
FEDERAL 22-8H	08	090S	170E	4301331457	12277	Federal	WI	A
FEDERAL 21-8H	08	090S	170E	4301331460	12277	Federal	OW	P
PVU 4-8-9-17	08	090S	170E	4301332273	12277	Federal	OW	P
FEDERAL 13-9H	09	090S	170E	4301330656	12277	Federal	WI	A
NGC 24-9H FED	09	090S	170E	4301330682	12277	Federal	WI	A
FEDERAL 11-9-H	09	090S	170E	4301330887	12277	Federal	WI	A
FEDERAL 12-9-H	09	090S	170E	4301330983	12277	Federal	OW	P
FEDERAL NGC 22-9-H	09	090S	170E	4301331049	12277	Federal	WI	A
FEDERAL 33-9H	09	090S	170E	4301331108	12277	Federal	WI	A
FEDERAL 23-9-H	09	090S	170E	4301331206	12277	Federal	OW	P
FEDERAL 21-9H	09	090S	170E	4301331458	12277	Federal	OW	P
FEDERAL 14-9H	09	090S	170E	4301331459	12277	Federal	OW	P
PLEASANT VALLEY 7-9-9-17	09	090S	170E	4301332076	12277	Federal	OW	P
PLEASANT VALLEY 15-9-9-17	09	090S	170E	4301332135	12277	Federal	OW	P

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

- Changes entered in the Oil and Gas Database on: 2/28/2005
- Changes have been entered on the Monthly Operator Change Spread Sheet on: 2/28/2005
- Bond information entered in RBDMS on: 2/28/2005
- Fee/State wells attached to bond in RBDMS on: 2/28/2005
- Injection Projects to new operator in RBDMS on: 2/28/2005
- 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:**

- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 61BSBDH2919
- The **FORMER** operator has requested a release of liability from their bond on: n/a\*  
The Division sent response by letter on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

**REGION 8**

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

Ref: 8P-W-GW

**SEP 22 2009**

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

Mr. Eric Sundberg  
Regulatory Analyst  
Newfield Production Company  
1001 Seventeenth Street – Suite 2000  
Denver, CO 80202

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

RE: Additional Well: Pleasant Valley Area Permit  
UIC Permit No. UT20771-00000  
Well ID: UT20771-08467  
Pleasant Valley No. 7-9-9-17  
Duchesne County, Utah  
API #43-013-32076

Dear Mr. Sundberg:

9S 17E 9

The Newfield Production Company's request to convert the former Green River Formation oil well Pleasant Valley No. 7-9-9-17 to an enhanced recovery injection well under the Pleasant Valley Area Permit is hereby authorized by the Environmental Protection Agency (EPA), Region 8, under the terms and conditions of the Authorization for Additional Well.

The addition of the proposed injection well, within the exterior boundary of the Uintah & Ouray Indian Reservation, is being made under the authority of 40 CFR §144.33 (c) and terms of the Pleasant Valley Area Permit No. UT20771-00000 and subsequent modifications.

Please be aware that Newfield does not have authorization to begin injection operations into the well until all Prior to Commencing Injection requirements have been submitted and evaluated by the EPA, and has received written authorization from the Director to begin injection. Please note that the Permit limits injection to the gross interval within the Green River Formation between the depths of 3,619 feet and the top of the Wasatch Formation, estimated at 5,950 feet.

Prior to receiving authorization to inject, the EPA requires that Newfield submit for review and approval the results of a Part 1 (Internal) mechanical integrity test (MIT), a pore pressure calculation of the injection interval, and an EPA Form No. 7520-12 (Well Rework Record) with a new schematic diagram.

**RECEIVED**

**SEP 29 2009**

**DIV. OF OIL, GAS & MINING**

The initial Maximum Allowable Surface Injection Pressure (MAIP) for the Pleasant Valley No. 7-9-9-17 was determined to be 1,670 psig. UIC Area Permit UT20771-00000 also provides the opportunity for the permittee to request a change in the MAIP based upon results of a Step Rate Test that demonstrates that the formation breakdown pressure will not be exceeded.

If you have any questions, please call Emmett Schmitz at (303)-312-6174 or 1-(800)-227-8917 (Ext. 312-6174). Please submit the required data to Attention: Emmett Schmitz at the letterhead address, citing MAIL CODE: 8P-W-GW very prominently.

Sincerely,



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

Encl: Authorization for Conversion of An Additional Well  
EPA Form No. 7520-12 (Well Rework Record)  
Proposed Conversion Schematic: Pleasant Valley No. 7-9-9-17  
P&A Schematic: Pleasant Valley No. 7-9-9-17  
EPA Form No. 7520-13 (Plugging Record)

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

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

All Enclosures:

Ferron Secakuku  
Director, Natural Resources  
Ute Indian Tribe

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

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

Fluid Minerals Engineering Office  
BLM - Vernal Office

Michael Guinn  
District Manager  
Newfield Production Company  
Myton, Utah



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

REGION 8  
1595 WYNKOOP STREET  
DENVER, CO 80202-1129  
Phone 800-227-8917  
<http://www.epa.gov/region08>

**AUTHORIZATION FOR ADDITIONAL WELL**

**UIC Area Permit No: 20771-00000**

Pleasant Valley Final UIC Area Permit No. UT20771-00000, effective November 6, 1995 authorizes Class II authorized fluid injection for the purpose of enhanced oil recovery in the Monument Butte Field. June 19, 2009, Newfield Production Company notified the Director concerning the following additional enhanced recovery injection well:

Pleasant Valley No. 7-9-9-17  
Pleasant Valley Area Permit UT20771-00000  
SW NE (1,980' FNL & 1,980' FEL) Section 9 – T9S – R17E  
Duchesne County, Utah  
API No. 43-013-32076

Pursuant to 40 CFR §144.33, Area UIC Permit No. UT20771-00000 authorizes the Permittee to construct and/or convert, or plug and abandon additional enhanced recovery injection wells within the Area Permit. This well was determined to satisfy additional well criteria required by the Permit.

This well is subject to all provisions of UIC Area Permit No. UT20771-00000, as modified and as specified in the Injection Well-Specific Requirements detailed below. This Authorization shall expire one year after the Effective Date unless the Permittee has converted the well to injection or submits a written request to extend this Authorization prior to the expiration date.

This Authorization is effective upon signature.

Date: SEP 22 2009

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

*\* The person holding this title is referred to as the Director throughout the permit and Authorization*

## **INJECTION WELL-SPECIFIC REQUIREMENTS**

Well Name: Pleasant Valley No, 7-9-9-17  
EPA Well ID Number: UT20771-08467

### **Prior to Commencing Injection Operations, the Permittee shall submit the following information:**

1. Completed Well Rework Record (EPA Form No. 7520-12) and schematic diagram.
2. Pore pressure calculation of the proposed injection zone;
3. A successful Part I (internal) Mechanical Integrity test (MIT)

Once these records are received and approved by EPA, the Director will provide written authorization to inject.

**Approved Injection Zone:** Injection is approved between the top of the Garden Gulch Member of the Green River Formation (3,619 feet) to the top of the Wasatch Formation at an estimated depth of 5,950 feet (KB).

**Maximum Allowable Injection Pressure (MAIP):** The initial MAIP is 1,670 psig, based on the following calculation:

$$\text{MAIP} = [\text{FG} - (0.433)(\text{SG})] * \text{D}, \text{ where}$$

$$\text{FG} = 0.79 \text{ psi/ft.} \quad \text{SG} = 1.015 \quad \text{D} = 4,766 \text{ feet (top perforation depth KB)}$$

$$\text{MAIP} = \underline{\underline{1,670 \text{ psig}}}$$

UIC Area Permit No. UT20771-00000 provides the opportunity for the Permittee to request a change of the MAIP based upon the submitted results of a Step Rate Test (SRT) that demonstrates the formation breakdown pressure will not be exceeded.

**Well Construction: Casing and Cementing:** The well was constructed in compliance with existing regulatory controls for casing and cementing pursuant to 40 CFR § 146.22(c). Cementing records, including the Cement Bond Log, have satisfactorily demonstrated the presence of adequate cement within the Confining Zone to prevent the migration of injection fluids behind the casing from the injection zone.

**Well Construction: Tubing and Packer:** 2-7/8 inch or similar size injection tubing is approved; the packer shall be set at a depth no more than 100 feet above the top perforation.

### **Demonstration of Mechanical Integrity:**

- (1) A successful demonstration of Part I (Internal) Mechanical Integrity using a Casing-Tubing Annulus Pressure Test is required prior to injection, and no less than every five years after the last successful test.

**Demonstration of Financial Responsibility:** The Applicant has demonstrated financial responsibility by a Financial Statement in the amount of \$59,344 that has been approved by the EPA. The Director may revise the amount required, and may require the Permittee to obtain and provide updated estimates of costs for plugging the well according to the approved Plugging and Abandonment plan.

**Plugging and Abandonment:** The well shall be plugged in a manner that isolates the injection zone and prevents movement of fluids into or between USDWs. Tubing, packers, and any downhole apparatus shall be removed. Class A, C, G, and H cements, with additives such as accelerators and retarders that control or enhance cement properties, may be used for plugs; however, volume extending additives and gel cements are not approved for plug use. Plug placement shall be verified by tagging. Plugging gel of at least 9.2 lb/gal shall be placed between all plugs. A minimum 50-foot surface plug shall be set inside and outside of the surface casing to seal pathways for fluid migration into the subsurface. Within sixty (60) days after plugging the owner or Operator shall submit Plugging Record (EPA Form 7520-13) to the Director. The Plugging Record must be certified as accurate and complete by the person responsible for the plugging operation. At a minimum, the following plugs are required:

- PLUG NO. 1: Set a cast iron bridge plug (CIBP) no more than 50 feet above the top perforation with a minimum of 20 feet of cement plug on top of the CIBP.
- PLUG NO. 2: Perforate and squeeze cement up the backside of the 5-1/2 inch casing across the Trona Zone and the Mahogany Bench from approximately 2,750 feet to 2,925 feet (KB) unless pre-existing backside cement precludes cement-squeezing this interval. Set a minimum 175-foot balanced cement plug inside the 5-1/2 inch casing from approximately 2,750 feet – 2,925 feet (KB).
- PLUG NO. 3: Perforate and squeeze cement up the backside of the 5-1/2 inch casing across the contact between the Uinta Formation and Green River Formation 1,330 feet – 1,450 feet (KB) unless pre-existing backside cement precludes cement-squeezing this interval. Set a minimum 120-foot cement plug inside the 5-1/2 inch casing from approximately 1,330 feet – 1,450 feet (KB).
- PLUG NO. 4: Set a Class “G” cement plug within the 5-1/2 inch casing to 350 feet and up the 5-1/2 inch X 8-5/8 inch casing annulus to the surface.

## **INJECTION WELL-SPECIFIC CONSIDERATIONS**

Well Name: Pleasant Valley No. 7-9-9-17

EPA Well ID Number: UT20771-08467

**Underground Sources of Drinking Water (USDWs):** USDWs in the Pleasant Valley Area Permit generally occur within the Uinta Formation. According to "*Base of Moderately Saline Ground Water in the Uinta Basin, Utah, State of Utah Technical Publication No. 92,*" the base of moderately saline ground water may be found near surface in the Pleasant Valley No. 7-9-9-17.

**http:NRWRT1.NR.STATE.UT.US:** There are no reservoirs, streams, domestic or agricultural water wells within a quarter (1/4) mile of the well.

**Composition of Source, Formation, and Injectate Water: (Total Dissolved Solids [TDS]):** TDS of the produced Douglas Creek Member: 7,480 mg/l.

The blended **injectate** (3,078 mg/l) is produced Douglas Creek Member water, water from the Johnson Water District pipeline and/or water from the Green River pipeline, and water from Green River Formation wells proximate to the Pleasant Valley No. 7-9-9-17.

**Aquifer Exemption:** The total dissolved solids of water produced from the proposed injection zone is less than 10,000 mg/l. EPA has evaluated additional data and information and has concluded that the original Green River Formation water was saline prior to enhanced oil recovery water flooding. The weight of evidence supports the conclusion that the occasional water sample from this area showing less than 10,000 mg/l total dissolved solids (TDS) is not representative of original Green River Formation water, and is attributed to injection of relatively fresh water during enhanced oil recovery operations. This freshening effect from water flood operations is considered by EPA to be a temporary artificial condition. An aquifer exemption is not required for this proposed injection well.

**Confining Zone:** The 22-foot (3,597 feet – 3,619 feet) shale Confining Zone directly overlies the Garden Gulch Member

**Injection Zone:** The Injection Zone at this well location is approximately 2,331 feet of multiple lenticular sand units interbedded with shale, marlstone and limestone from the top of the Garden Gulch Member at 3,619 feet (KB) to the top of the Wasatch Formation which is estimated to be at 5,950 feet (KB). All formation tops are based on correlations to the Newfield Production Federal No. 1-26-8-17 (UT20702-04671) Type Log.

**Well Construction:** The CBL shows 80% or greater cement bond index in the Confining Zone (3,598 feet – 3,620 feet KB).

**Surface Casing:** 8-5/8 inch casing is set at 298 feet (KB) in a 12-1/4 inch hole, using 141 sacks Class "G" cement, cemented to the surface.

Longstring Casing: 5-1/2 inch casing is set at 5,636 feet (KB) in a 7-7/8 inch hole secured with 300 sacks of Hibond and 300 sacks Prem. Total driller depth 5,652 feet. Plugged back total depth (PBSD) is 5,636 feet. EPA calculates top of cement at 1,788 feet. Estimated CBL top of cement is 480 feet.

Perforations: Top perforation: 4,766 feet (KB). Bottom perforation: 5,496 feet (KB)

**AREA OF REVIEW (AOR) WELLS: NO CORRECTIVE ACTION.**

Federal No. 22-9H-9-17 - UT20771-04268	API: 43-013-31049	SE NW Sec. 9-T9S-R17E
Castle Draw No. 8-9-9-17 - UT20944-06155	API: 43-013-32078	SE NE Sec. 9-T9S-R17E
Federal No. 31-9H-9-17 - UT20876-04532	API: 43-013-31107	NW NE Sec. 9-T9S-R17E
Federal No. 33-9H-9-17 - UT20771-04271	API: 43-013-31108	NW SE Sec. 9-T9S-R17E
Pleasant Valley Fed. M-9-9-17	API: 43-013-33896	(SL)SW NE Sec. 9-T9S-R17E (BHL)SW SW NE Sec. 9-T9S-R17E

**Reporting of Noncompliance:**

- (a) Anticipated Noncompliance. The Operator shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with Permit requirements.
- (b) Compliance Schedules. Reports of compliance or noncompliance with, or any progress on, interim and final requirements contained in any compliance schedule of this Permit shall be submitted no later than thirty (30) days following each schedule date.
- (c) Written Notice of any noncompliance which may endanger health or the environment shall be reported to the Director within five (5) days of the time the operator becomes aware of the noncompliance. The written notice shall contain a description of the noncompliance and its cause; the period of noncompliance including dates and times; if the noncompliance has not been corrected the anticipated time it is expected to continue; and steps taken or planned to prevent or reduce recurrence of the noncompliance.

**Twenty-Four Hour Noncompliance Reporting:** The Operator shall report to the Director any noncompliance which may endanger health or environment. Information shall be provided, either orally or by leaving a message, within twenty-four (24) hours from the time the Operator becomes aware of the circumstances by telephoning 1-(800)-227-8917 and asking for the EPA Region 8 UIC Program Compliance and Enforcement Director, or by contacting the Region 8 Emergency Operations Center at (303)-293-1788, if calling from outside EPA Region 8. The following information shall be included in the verbal report:

- (a) Any monitoring or other information which indicates that any contaminant may cause an endangerment to a USDW.
- (b) Any noncompliance with a Permit condition or malfunction of the injection system which may cause fluid migration into or between underground sources of drinking water.

**Oil Spill and Chemical Release Reporting:** The Operator shall comply with all other reporting requirements related to oil spills and chemical releases or other potential impacts to human health or the environment by contacting the **National Response Center (NRC) 1-(800)-424-8802 or 1-(202)-267-2675**, or through the NRC website at <http://www.nrc.uscg.mil/index.htm>

**Other Noncompliance:** The Operator shall report all other instances of noncompliance not otherwise reported at the time monitoring reports are submitted.

**Other Information:** Where the Operator becomes aware that he failed to submit any relevant facts in the Permit application, or submitted incorrect information in a Permit application, or in any report to the Director, the operator shall submit such correct facts or information within two (2) weeks of the time such information became known to him.



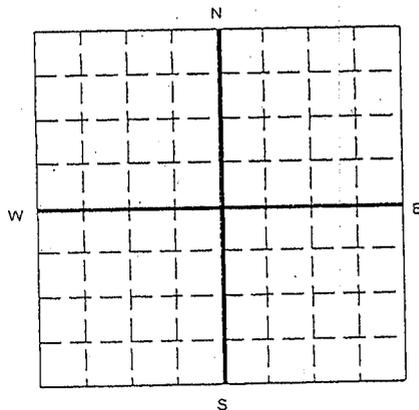
United States Environmental Protection Agency  
Washington, DC 20460

### WELL REWORK RECORD

Name and Address of Permittee

Name and Address of Contractor

Locate Well and Outline Unit on  
Section Plat - 640 Acres



State \_\_\_\_\_ County \_\_\_\_\_ Permit Number \_\_\_\_\_

Surface Location Description  
\_\_\_\_ 1/4 of \_\_\_\_ 1/4 of \_\_\_\_ 1/4 of \_\_\_\_ 1/4 of Section \_\_\_\_ Township \_\_\_\_ Range \_\_\_\_

Locate well in two directions from nearest lines of quarter section and drilling unit

Surface  
Location \_\_\_\_ ft. frm (N/S) \_\_\_\_ Line of quarter section  
and \_\_\_\_ ft. from (E/W) \_\_\_\_ Line of quarter section.

**WELL ACTIVITY**

- Brine Disposal
- Enhanced Recovery
- Hydrocarbon Storage

Lease Name \_\_\_\_\_

Total Depth Before Rework \_\_\_\_\_

Total Depth After Rework \_\_\_\_\_

Date Rework Commenced \_\_\_\_\_

Date Rework Completed \_\_\_\_\_

**TYPE OF PERMIT**

- Individual
- Area

Number of Wells \_\_\_\_\_

Well Number \_\_\_\_\_

**WELL CASING RECORD -- BEFORE REWORK**

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

**WELL CASING RECORD -- AFTER REWORK (Indicate Additions and Changes Only)**

Casing		Cement		Perforations		Acid or Fracture Treatment Record
Size	Depth	Sacks	Type	From	To	

DESCRIBE REWORK OPERATIONS IN DETAIL  
USE ADDITIONAL SHEETS IF NECESSARY

**WIRE LINE LOGS, LIST EACH TYPE**

Log Types

Logged Intervals

**Certification**

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

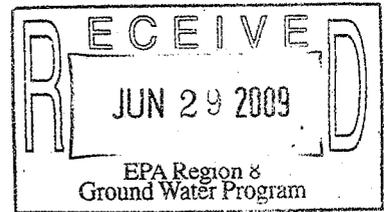
Name and Official Title (Please type or print)

Signature

Date Signed

UT 20771-08467

Pleasant Valley 7-9-9-17



Spud Date: 6/12/00  
Put on Production: 7/17/00  
GL: 5247' KB: 5257'

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55 *Base USDWs = Near Surface*  
WEIGHT: 24#  
LENGTH: 7 JTS (297.9')  
DEPTH LANDED: 297.90'  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 141 sxs Class "G" cmt w/ 2% CaCl2

*Green River*

*1389'*

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 133 jts (5636.27')  
DEPTH LANDED: 5636' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs HiBond 65, 65% POZ, 35% CMT, 3% KCL, 10% GEL, 300 sxs PREM 5.-10% CALSEAL  
CEMENT TOP AT: 480' per CBL

*80% Bond 3598'-3620'*

FRAC JOBS

7/12/00	5458'-5496'	Frac CP sands: 90,021# 20/40 sand in 546 bbls Viking 1-25 fluid. Treated @ avg. of 1700 psi W/ avg. rate of 30 BPM. ISIP 1930 psi. Calc. flush: 5458 gal. Actual flush: 5376 gal.
7/14/00	5074'-5086'	Frac A sands: 78,000# 20/40 sand in 476 bbls Viking 1-25 fluid. Treated at avg 2200 psi W/ avg rate of 28 BPM. ISIP 2320 psi. Calc. flush: 5074 gal. Actual flush: 4998 gal.
7/14/00	4854'-4771'	Frac C/B sands: 90,000 # 20/40 sand in 541 bbls Viking 1-25 fluid. Treated W/ avg press 1900 psi W/ avg rate of 29 BPM. ISIP 2110 psi. Calc. flush: 4854 gal. Actual flush: 4704 gal.
10/31/01		Parted rods. Updated rod and tubing details.
03-01-06		Tubing Leak. Updated tubing and rod detail.
02/28/06		Parted Rods. Updated rod and tubing details.

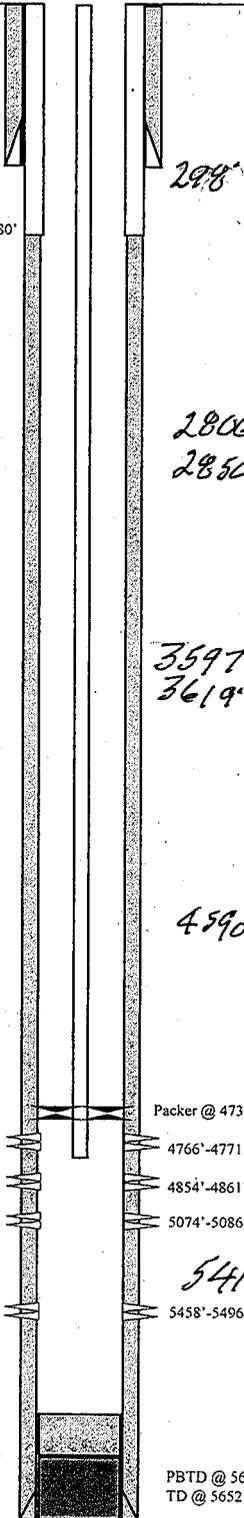
*2806'-2850' Trona  
2850'-2878 Mahogany Bench*

*3597'-3619' Confirms Zone  
3619' Garden Gulch*

*4590' Douglas Creek*

PERFORATION RECORD

7/12/00	5458-5496'	2 JSPF	76 holes
7/13/00	5074'-5086'	4 JSPF	48 holes
7/14/00	4766'-4771'	4 JSPF	20 holes
7/14/00	4854'-4861'	4 JSPF	28 holes



Packer @ 4731'

4766'-4771'

4854'-4861'

5074'-5086'

*5414'-5496' Bottle Neck*

5458'-5496'

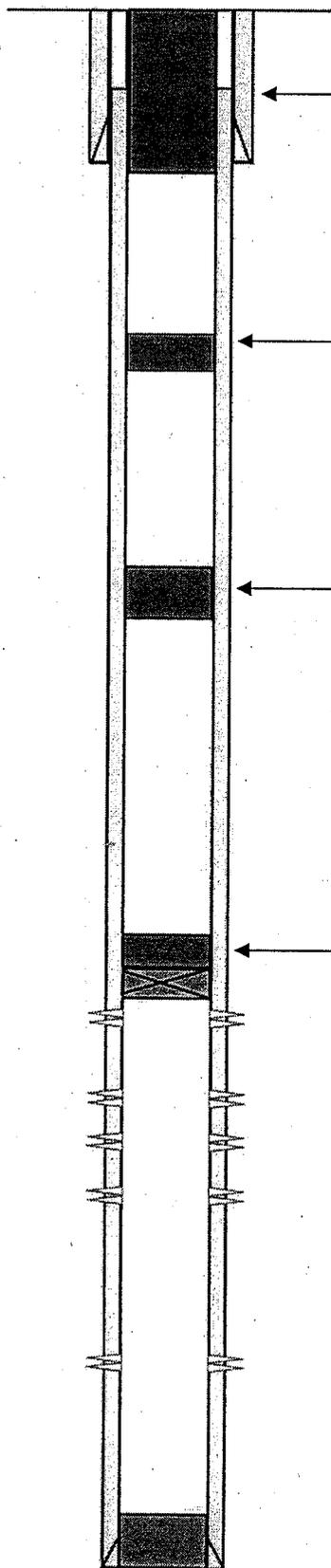
PBTD @ 5636'  
TD @ 5652'

*Est. Baseal Carbonate 5925'  
Est. Nysatah 5950'*

**NEWFIELD**

Pleasant Valley 7-9-9-17  
1980 FNL & 1980 FEL  
SW/NE Section 9-T9S-R17E  
Duchesne Co, Utah  
API #43-013-32076; Lease #UTU-50750

## Plugging and Abandonment Diagram for Pleasant Valley No. 7-9-9-17



Plug 4: Set a Class "G" cement plug within the 5-1/2 inch casing surface to 350 feet and up the 5-1/2 inch X 8-5/8 inch casing annulus to the surface.

Plug 3: Perforate and squeeze cement up the backside of the casing across the contact between the Uinta Formation and Green River Formation 1,330 feet – 1,450 feet (KB) unless pre-existing backside cement precludes cement-squeezing this interval. Set a minimum 120-foot cement plug inside the casing from approximately 1,330 feet – 1,450 feet.

Plug 2: Perforate and squeeze cement up the backside of the casing across the Trona Zone and the Mahogany Bench from approximately 2,750 feet – 2,925 feet (KB) unless pre-existing backside cement precludes cement-squeezing this interval. Set a minimum 175-foot balanced cement plug inside the casing from approximately 2,750 feet – 2,925 feet.

Plug 1: Set a cast iron bridge plug (CIBP) no more than 50 ft above the top perforation with a minimum of 20 ft cement plug on top of the CIBP.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

**PLUGGING RECORD**

NAME AND ADDRESS OF PERMITTEE

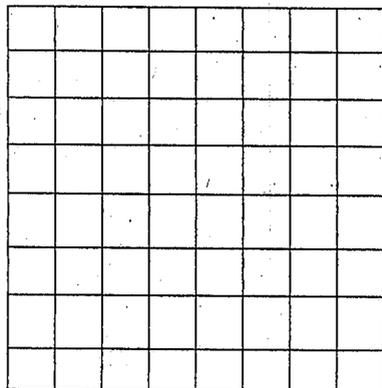
NAME AND ADDRESS OF CEMENTING COMPANY

LOCATE WELL AND OUTLINE UNIT ON SECTION PLAT — 640 ACRES

STATE

COUNTY

PERMIT NUMBER



SURFACE LOCATION DESCRIPTION

\_\_\_\_ 1/4 of \_\_\_\_ 1/4 of \_\_\_\_ 1/4 of \_\_\_\_ 1/4 of Section \_\_\_\_ Township \_\_\_\_ Range \_\_\_\_

LOCATE WELL IN TWO DIRECTIONS FROM NEAREST LINES OF QUARTER SECTION AND DRILLING UNIT  
Surface

Location \_\_\_\_ ft. from (N/S) \_\_\_\_ Line of quarter section

and \_\_\_\_ ft. from (E/W) \_\_\_\_ Line of quarter section

TYPE OF AUTHORIZATION

- Individual Permit
- Area Permit
- Rule

Number of Wells \_\_\_\_

Describe in detail the manner in which the fluid was placed and the method used in introducing it into the hole

Lease Name

CASING AND TUBING RECORD AFTER PLUGGING

METHOD OF EMPLACEMENT OF CEMENT PLUGS

SIZE	WT(LB/FT)	TO BE PUT IN WELL(FT)	TO BE LEFT IN WELL(FT)	HOLE SIZE

- CLASS I
  - CLASS II
    - Brine Disposal
    - Enhanced Recovery
    - Hydrocarbon Storage
  - CLASS III
- The Balance Method
  - The Dump Bailer Method
  - The Two-Plug Method
  - Other

CEMENTING TO PLUG AND ABANDONED DATA

PLUG #1 PLUG #2 PLUG #3 PLUG #4 PLUG #5 PLUG #6 PLUG #7

Size of Hole or Pipe in which Plug Will Be Placed (inches)							
Depth to Bottom of Tubing or Drill Pipe (ft.)							
Sacks of Cement To Be Used (each plug)							
Slurry Volume To Be Pumped (cu. ft.)							
Calculated Top of Plug (ft.)							
Measured Top of Plug (if tagged ft.)							
Slurry Wt. (Lb./Gal.)							
Type cement or other material (Class III)							

LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS

From	To	From	To

Signature of Cemente or Authorized Representative

Signature of EPA Representative

CERTIFICATION

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. (REF. 40 CFR 122.22)

NAME AND OFFICIAL TITLE (Please type or print)

SIGNATURE

DATE SIGNED



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 8

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

AUG 06 2010

Ref: 8P-W-GW

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

43 013 32076  
9S 17E 9

Mr. Eric Sundberg  
Regulatory Analyst  
Newfield Production Company  
1001 Seventeenth Street – Suite 2000  
Denver, CO 80202

RE: Underground Injection Control (UIC)  
One Year Extension of UIC Permits

Dear Mr. Sundberg:

The Environmental Protection Agency Region 8 (EPA) has received Newfield Production Company's (Newfield) August, 3, 2010, letter requesting a one year extension of five UIC Permits. EPA hereby grants an extension of one year from the date of expiration, to construct or convert wells under the following UIC Permits and Add Well Authorizations:

UIC Permit Number	Well Name	New Date of Expiration
UT20642-08443	Federal 23-5J-9-17	8/11/2011
UT20798-08393	Federal 14-8-9-17	8/12/2011
UT20776-08406	Federal 21-10Y-9-17	8/13/2011
UT20853-08411	Federal 13-15H-9-17	8/13/2011
UT20771-08467	→ Pleasant Valley 7-9-9-17	8/24/2011

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

Sincerely,

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

cc: Uintah & Ouray Business Committee:  
Curtis Cesspooch, Chairman  
Frances Poowegup, Vice-chairwoman  
Phillip Chimburas, Councilman  
Stewart Pike, Councilman  
Irene Cuch, Councilwoman  
Richard Jenks, Jr., Councilman

Daniel Picard  
BIA - Uintah & Ouray Indian Agency

Mike Natchees  
Environmental Coordinator  
Ute Indian Tribe

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

Brad Hill  
Acting Associate Director  
Utah Division of Oil, Gas, and Mining  
Fluid Minerals Engineering Office  
BLM - Vernal Office

Michael Guinn  
District Manager  
Newfield Production Company  
Myton, Utah

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-50750
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</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>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> PLEASANT VLY 7-9-9-17
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>9. API NUMBER:</b> 43013320760000
<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> 1980 FNL 1980 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNE Section: 09 Township: 09.0S Range: 17.0E 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: 6/7/2013	<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 checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input checked="" 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="Commence injection"/>

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

The above reference well was put on injection at 8:15 AM on  
06/07/2013. EPA # UT22197-09998

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
June 11, 2013**

<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> 6/10/2013	

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-50750
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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>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> PLEASANT VLY 7-9-9-17
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>9. API NUMBER:</b> 43013320760000
<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> 1980 FNL 1980 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNE Section: 09 Township: 09.0S Range: 17.0E 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: 5/24/2013  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
		<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" 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"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
<p>The subject well has been converted from a producing oil well to an injection well on 05/23/2013. Initial MIT on the above listed well. On 05/24/2013 the casing was pressured up to 1190 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-09998</p>		<p><b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY</b></p> <p>July 02, 2013</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> 5/28/2013

# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: \_\_\_\_\_ Date: 5/24/13  
 Test conducted by: Chris Walters  
 Others present: \_\_\_\_\_

-09998

Well Name: <u>Pleasant Valley 7-9-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>SW/NE</u> Sec: <u>9</u> T <u>9</u> N <u>10</u> R <u>17</u> E W	County: <u>Duchesne</u>	State: <u>UT</u>
Operator: <u>Newfield</u>		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: _____	PSIG

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

Pre-test casing/tubing annulus pressure: 1190 psig

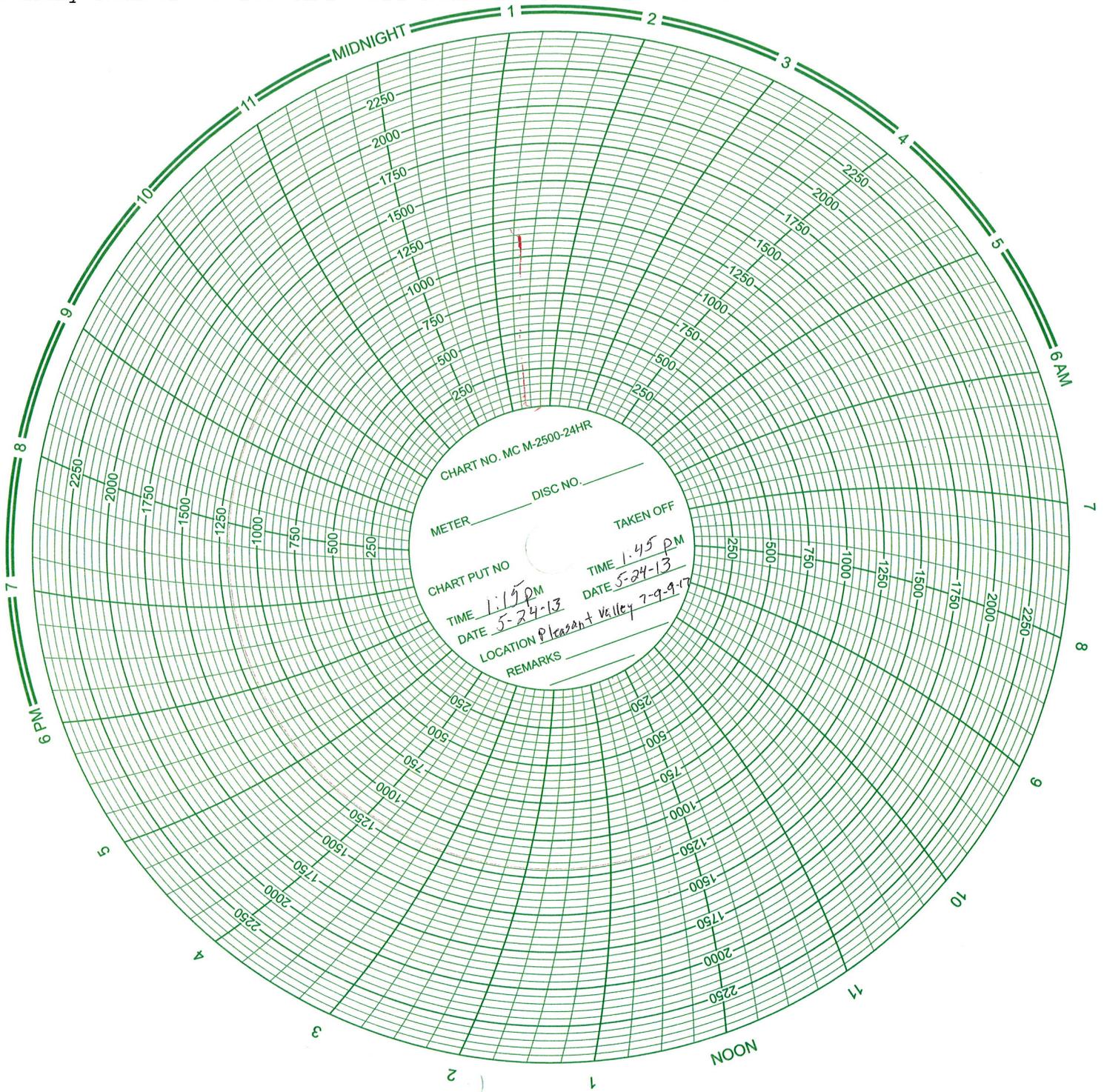
MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	<u>0</u> psig	psig	psig
End of test pressure	<u>0</u> psig	psig	psig
<b>CASING / TUBING ANNULUS PRESSURE</b>			
0 minutes	<u>1190</u> psig	psig	psig
5 minutes	<u>1190</u> psig	psig	psig
10 minutes	<u>1190</u> psig	psig	psig
15 minutes	<u>1190</u> psig	psig	psig
20 minutes	<u>1190</u> psig	psig	psig
25 minutes	<u>1190</u> psig	psig	psig
30 minutes	<u>1190</u> psig	psig	psig
_____ minutes	<del>          </del> psig	psig	psig
_____ minutes	psig	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

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

## MECHANICAL INTEGRITY PRESSURE TEST

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

Signature of Witness: \_\_\_\_\_



**Daily Activity Report****Format For Sundry****PLSNT VLY 7-9-9-17****3/1/2013 To 7/30/2013****5/23/2013 Day: 2****Conversion**

WWS #7 on 5/23/2013 - Flush tbg w/ 30 BW cont TOO H tolling tbg breaking inspecting and green doping every connection - Flush tbg w/ 30 BW cont TOO H tolling tbg breaking inspecting and green doping every connection w/ 70 more jts 2-7/8 j-55 tbg LD 22 jts 5-1/2 TAC 2 jts SN 2 jts NC flush 1 more time with 30 bbl TIH w/ 2-3/8 WL entry guide x/n nipple w/ 1.875 profile 2-3/8 tbg sub hover 5-1/2 AS-1x pkr on-off tool SN,150 jts 2-7/8 j-55 tbg pump 15 bw drop sv psi test tbg to 3000 psi w/22 BW good good psi test ret sv w/ sand line fluid down csg ND BOP set pkr setest goog. - MIRU pump 60 bbl down csg RD PU rods parted LD 1-1/2X22 polish rods 2',4',6',8',x 3/4 pony TOO H w/ 674 per 3/4 #67 parted body break TIH w/ overshot w/ 5/8 X 3/4 rod string lotch onto fish unseat pump flush rods w/ 60 bw seat pump shut in tbg to 3000 psi w/2 BW good test LD 85 -4 per 3/4 93-51k 3/4, 35-4per 3/4,4-1-1/2 WT Bars and pump flushed 4 more times w/ 80 BWx10 to tbg eq NDWH release TAC NV BOP RU tbg EQ TOO H talling tbg breaking inspecting and green doping every connection w/80 jts 2-7/8 j-55 tbg sw ready for flush. - Flush tbg w/ 30 BW cont TOO H tolling tbg breaking inspecting and green doping every connection w/ 70 more jts 2-7/8 j-55 tbg LD 22 jts 5-1/2 TAC 2 jts SN 2 jts NC flush 1 more time with 30 bbl TIH w/ 2-3/8 WL entry guide x/n nipple w/ 1.875 profile 2-3/8 tbg sub hover 5-1/2 AS-1x pkr on-off tool SN,150 jts 2-7/8 j-55 tbg pump 15 bw drop sv psi test tbg to 3000 psi w/22 BW good good psi test ret sv w/ sand line fluid down csg ND BOP set pkr setest goog. - MIRU pump 60 bbl down csg RD PU rods parted LD 1-1/2X22 polish rods 2',4',6',8',x 3/4 pony TOO H w/ 674 per 3/4 #67 parted body break TIH w/ overshot w/ 5/8 X 3/4 rod string lotch onto fish unseat pump flush rods w/ 60 bw seat pump shut in tbg to 3000 psi w/2 BW good test LD 85 -4 per 3/4 93-51k 3/4, 35-4per 3/4,4-1-1/2 WT Bars and pump flushed 4 more times w/ 80 BWx10 to tbg eq NDWH release TAC NV BOP RU tbg EQ TOO H talling tbg breaking inspecting and green doping every connection w/80 jts 2-7/8 j-55 tbg sw ready for flush. - Flush tbg w/ 30 BW cont TOO H tolling tbg breaking inspecting and green doping every connection w/ 70 more jts 2-7/8 j-55 tbg LD 22 jts 5-1/2 TAC 2 jts SN 2 jts NC flush 1 more time with 30 bbl TIH w/ 2-3/8 WL entry guide x/n nipple w/ 1.875 profile 2-3/8 tbg sub hover 5-1/2 AS-1x pkr on-off tool SN,150 jts 2-7/8 j-55 tbg pump 15 bw drop sv psi test tbg to 3000 psi w/22 BW good good psi test ret sv w/ sand line fluid down csg ND BOP set pkr setest goog. - MIRU pump 60 bbl down csg RD PU rods parted LD 1-1/2X22 polish rods 2',4',6',8',x 3/4 pony TOO H w/ 674 per 3/4 #67 parted body break TIH w/ overshot w/ 5/8 X 3/4 rod string lotch onto fish unseat pump flush rods w/ 60 bw seat pump shut in tbg to 3000 psi w/2 BW good test LD 85 -4 per 3/4 93-51k 3/4, 35-4per 3/4,4-1-1/2 WT Bars and pump flushed 4 more times w/ 80 BWx10 to tbg eq NDWH release TAC NV BOP RU tbg EQ TOO H talling tbg breaking inspecting and green doping every connection w/80 jts 2-7/8 j-55 tbg sw ready for flush. - Flush tbg w/ 30 BW cont TOO H tolling tbg breaking inspecting and green doping every connection w/ 70 more jts 2-7/8 j-55 tbg LD 22 jts 5-1/2 TAC 2 jts SN 2 jts NC flush 1 more time with 30 bbl TIH w/ 2-3/8 WL entry guide x/n nipple w/ 1.875 profile 2-3/8 tbg sub hover 5-1/2 AS-1x pkr on-off tool SN,150 jts 2-7/8 j-55 tbg pump 15 bw drop sv psi test tbg to 3000 psi w/22 BW good good psi test ret sv w/ sand line fluid down csg ND BOP set pkr setest goog. - Flush tbg w/ 30 BW cont TOO H tolling tbg breaking inspecting and green doping every connection w/ 70 more jts 2-7/8 j-55 tbg LD 22 jts 5-1/2 TAC 2 jts SN 2 jts NC flush 1 more time with 30 bbl TIH w/ 2-3/8 WL entry guide x/n

nipple w/ 1.875 profile 2-3/8 tbg sub hover 5-1/2 AS-1x pkr on-off tool SN,150 jts 2-7/8 j-55 tbg pump 15 bw drop sv psi test tbg to 3000 psi w/22 BW good good psi test ret sv w/ sand line fluid down csg ND BOP set pkr setest goog. - MIRU pump 60 bbl down csg RD PU rods parted LD 1-1/2X22 polish rods 2',4',6',8',x 3/4 pony TOO H w/ 674 per 3/4 #67 parted body break TIH w/ overshot w/ 5/8 X 3/4 rod string lotch onto fish unseat pump flush rods w/ 60 bw seat pump shut in tbg to 3000 psi w/2 BW good test LD 85 -4 per 3/4 93-51k 3/4, 35-4per 3/4,4-1-1/2 WT Bars and pump flushed 4 more times w/ 80 BWx10 to tbg eq NDWH release TAC NV BOP RU tbg EQ TOO H talling tbg breaking inspecting and green doping every connection w/80 jts 2-7/8 j-55 tbg sw ready for flush. - MIRU pump 60 bbl down csg RD PU rods parted LD 1-1/2X22 polish rods 2',4',6',8',x 3/4 pony TOO H w/ 674 per 3/4 #67 parted body break TIH w/ overshot w/ 5/8 X 3/4 rod string lotch onto fish unseat pump flush rods w/ 60 bw seat pump shut in tbg to 3000 psi w/2 BW good test LD 85 -4 per 3/4 93-51k 3/4, 35-4per 3/4,4-1-1/2 WT Bars and pump flushed 4 more times w/ 80 BWx10 to tbg eq NDWH release TAC NV BOP RU tbg EQ TOO H talling tbg breaking inspecting and green doping every connection w/80 jts 2-7/8 j-55 tbg sw ready for flush. - Flush tbg w/ 30 BW cont TOO H tolling tbg breaking inspecting and green doping every connection w/ 70 more jts 2-7/8 j-55 tbg LD 22 jts 5-1/2 TAC 2 jts SN 2 jts NC flush 1 more time with 30 bbl TIH w/ 2-3/8 WL entry guide x/n nipple w/ 1.875 profile 2-3/8 tbg sub hover 5-1/2 AS-1x pkr on-off tool SN,150 jts 2-7/8 j-55 tbg pump 15 bw drop sv psi test tbg to 3000 psi w/22 BW good good psi test ret sv w/ sand line fluid down csg ND BOP set pkr setest goog. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$23,507

**5/28/2013 Day: 3**

**Conversion**

Rigless on 5/28/2013 - Conduct initial MIT - Iinitial MIT on the above listed well. On 05/24/2013 the casing was pressured up to 1190 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-09998 - Iinitial MIT on the above listed well. On 05/24/2013 the casing was pressured up to 1190 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-09998 - Iinitial MIT on the above listed well. On 05/24/2013 the casing was pressured up to 1190 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not an EPA representative available to witness the test. EPA# UT22197-09998 **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$48,841

**Pertinent Files:** [Go to File List](#)

Spud Date: 6.12.00  
 Put on Production: 7.17.00  
 GL: 5247' KB: 5257'

# Pleasant Valley 7-9-9-17

## Injection Wellbore Diagram

### SURFACE CASING

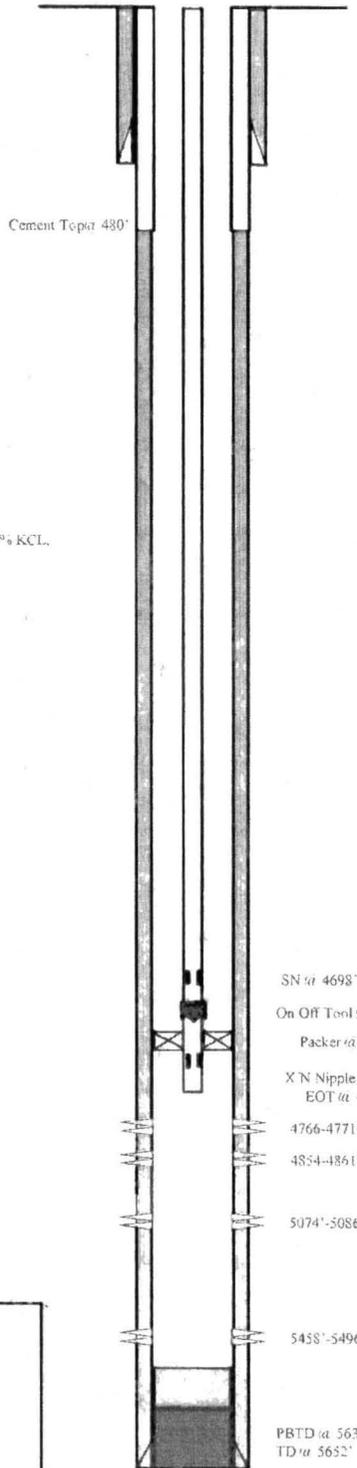
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 JTS (297.9')  
 DEPTH LANDED: 297.90'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 141 sxs Class "G" cement w/ 2% CaCl<sub>2</sub>

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 133 JTS (5646.27')  
 DEPTH LANDED: 5616' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs HiBond 65, 65% POZ, 35% CMT, 3% KCL, 10% GEL, 300 sxs PREM 5-10% CALSEAL  
 CEMENT TOP AT: 480' per CBL

### TUBING

SIZE GRADE/WT: 2-7/8" J-55 - 6.5#  
 NO. OF JOINTS: 150 JTS (4683.2')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4698.2' KB  
 ON OFF TOOL AT: 4659.3'  
 ARROW #1 PACKER CE AT: 4704.36'  
 XO 2-3/8 x 2-7/8 J-55 AT: 4708'  
 TBG PUP 2-3/8 J-55 AT: 4708.5'  
 X N NIPPLE AT: 4712.6'  
 TOTAL STRING LENGTH: EOT @ 4714.08'



### FRAC JOBS

7/12/00	5458'-5496'	<b>Frac C/P sands:</b> 50,021# 20/40 sand in 546 bbls Viking 1-25 fluid. Treated @ avg. of 1700 psi W avg. rate of 30 BPM. ISIP 1930 psi. Calc. flush: 5458 gal. Actual flush: 5376 gal.
7/14/00	5074'-5086'	<b>Frac A sands:</b> 78,000# 20/40 sand in 476 bbls Viking 1-25 fluid. Treated @ avg. 2200 psi W avg. rate of 28 BPM. ISIP 2320 psi. Calc. flush: 5074 gal. Actual flush: 4998 gal.
7/14/00	4766-4861'	<b>Frac C/B sands:</b> 90,000# 20/40 sand in 541 bbls Viking 1-25 fluid. Treated @ avg. press 1900 psi W avg. rate of 29 BPM. ISIP 2110 psi. Calc. flush: 4854 gal. Actual flush: 4704 gal.
10-31-01		<b>Parted rods:</b> Updated rod and tubing details.
03-01-06		<b>Tubing Leak:</b> Updated tubing and rod detail.
02-28-06		<b>Parted Rods:</b> Updated rod and tubing details.
02-26-10		<b>Parted Rods:</b> Updated rod and tubing details.
05-23-13		<b>Convert to Injection Well</b>
05-24-13		<b>Conversion MIT Finalized</b> - update tbg detail

### PERFORATION RECORD

7-12-00	5458'-5496'	2 JSPF	76 holes
7-13-00	5074'-5086'	4 JSPF	48 holes
7-14-00	4766'-4771'	4 JSPF	20 holes
7-14-00	4854'-4861'	4 JSPF	28 holes

**NEWFIELD**

Pleasant Valley 7-9-9-17  
 1980 FNL & 1980 FEL  
 SW/NE Section 9-T9S-R17E  
 Duchesne Co, Utah  
 API #43-013-32076, Lease #UTU-50750

<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>  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-50750
		<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> PLEASANT VLY 7-9-9-17
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>9. API NUMBER:</b> 43013320760000
<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> 1980 FNL 1980 FEL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SWNE Section: 09 Township: 09.0S Range: 17.0E 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: 8/8/2016	<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="Workover MIT"/>

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

The above subject well had workover procedures performed (packer repair), attached is a daily status report. Workover MIT performed on the above listed well. On 08/08/2016 the csg was pressured up to 1510 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 760 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-09998

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY  
August 09, 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> 8/9/2016	

## Mechanical Integrity Test

### Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: \_\_\_\_\_ Date: 8 18 116  
 Test conducted by: Michael Jensen  
 Others present: \_\_\_\_\_

Well Name: <u>Pleasant Valley 74-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>S1/4 NE</u> Sec: <u>9</u> T <u>9</u> N <u>10</u> R <u>17</u> E/W	County: <u>Duchesne</u>	State: <u>UT</u>
Operator: <u>Newfield</u>		
Last MIT: <u>1</u> / <u>1</u>	Maximum Allowable Pressure: <u>1837</u>	PSIG

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

Pre-test casing/tubing annulus pressure: 0 / 760 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	760 psig	psig	psig
End of test pressure	760 psig	psig	psig
<b>CASING/TUBING ANNULUS PRESSURE</b>			
0 minutes	1510.4 psig	psig	psig
5 minutes	1510.4 psig	psig	psig
10 minutes	1509.8 psig	psig	psig
15 minutes	1510.0 psig	psig	psig
20 minutes	1509.8 psig	psig	psig
25 minutes	1509.6 psig	psig	psig
30 minutes	1509.8 psig	psig	psig
_____ minutes	psig	psig	psig
_____ minutes	psig	psig	psig
<b>RESULT</b>	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail	<input type="checkbox"/> Pass <input type="checkbox"/> Fail

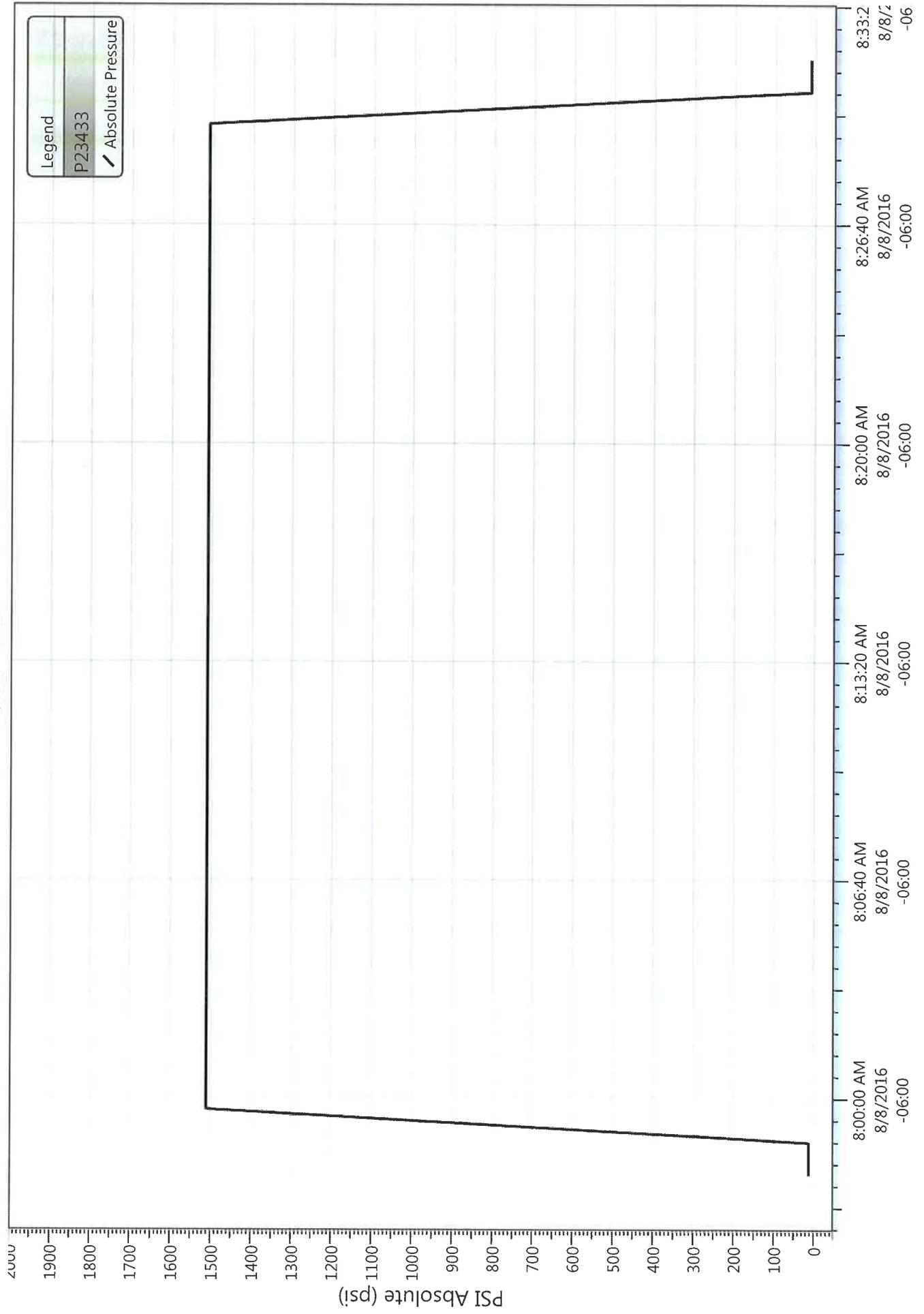
Does the annulus pressure build back up after the test?     Yes     No

## MECHANICAL INTEGRITY PRESSURE TEST

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

Signature of Witness: \_\_\_\_\_

Pleasant Valley 7-9-9-17 MIT(8/8)  
8/8/2016 7:56:19 AM



**NEWFIELD**

**Schematic**

**Well Name: Plsnt Vly 7-9-9-17**

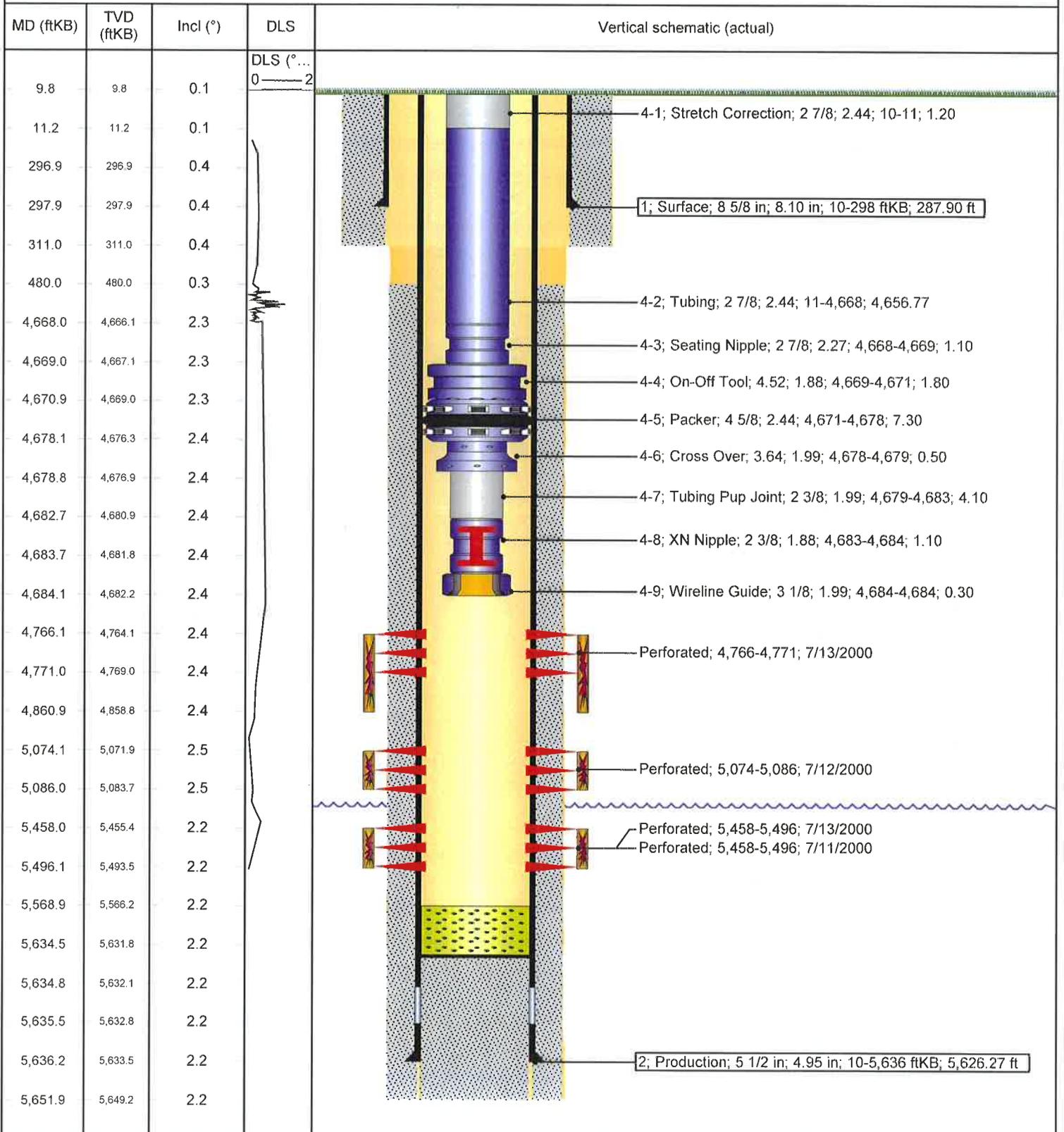
Surface Legal Location 09-9S-17E		API/UWI 43013320760000	Well RC 500151666	Lease	State/Province Utah	Field Name GMBU CTB8	County Duchesne
Spud Date	Rig Release Date	On Production Date 7/17/2000	Original KB Elevation (ft) 5,257	Ground Elevation (ft) 5,247	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,634.6	

**Most Recent Job**

Job Category Production / Workover	Primary Job Type Repairs	Secondary Job Type Packer Repair	Job Start Date 8/3/2016	Job End Date 8/8/2016
---------------------------------------	-----------------------------	-------------------------------------	----------------------------	--------------------------

**TD: 5,652.0**

Vertical - Original Hole, 8/9/2016 11:41:14 AM



# NEWFIELD



## Vertical Wellbore Diagram Data Plsnt Vly 7-9-9-17

Surface Legal Location 09-9S-17E		API/UWI 43013320760000		Lease	
County Duchesne		State/Province Utah		Basin	
Well Start Date 6/12/2000		Spud Date		Final Rig Release Date	
Original KB Elevation (ft) 5,257		Ground Elevation (ft) 5,247		Total Depth (ftKB) 5,652.0	
				Total Depth All (TVD) (ftKB)	
				PBTD (All) (ftKB) Original Hole - 5,634.6	

### Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	6/12/2000	8 5/8	8.10	24.00	J-55	298
Production	6/19/2000	5 1/2	4.95	15.50	J-55	5,636

### Cement

#### String: Surface, 298ftKB 6/12/2000

Cementing Company BJ Services Company		Top Depth (ftKB) 10.0	Bottom Depth (ftKB) 311.0	Full Return? No	Vol Cement Ret (bbl)
Fluid Description 2% CaCL2 + .1/4# /sk. Cello-Flake		Fluid Type Lead	Amount (sacks) 141	Class G	Estimated Top (ftKB) 10.0

#### String: Production, 5,636ftKB 6/19/2000

Cementing Company BJ Services Company		Top Depth (ftKB) 480.0	Bottom Depth (ftKB) 5,652.0	Full Return? No	Vol Cement Ret (bbl)
Fluid Description 65% POZ, 35% CMT, 3% KCL, 10% GEL		Fluid Type Lead	Amount (sacks) 300	Class HiBond 65	Estimated Top (ftKB) 480.0
Fluid Description 10% CALSEAL.		Fluid Type Tail	Amount (sacks) 300	Class PREM 5	Estimated Top (ftKB) 2,586.0

### Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Run Date	Pull Date
Fill	5,569	5,635	2/16/2006	

### Perforation Intervals

Stage#	Top (ftKB)	Btm (ftKB)	Linked Zone	Shot Dens (shots/ft)	Phasing (*)	Nom Hole Dia (in)	Date
1	5,458	5,496	CP, Original Hole	2			7/11/2000
2	5,074	5,086	A, Original Hole	4			7/12/2000
3	4,854	4,861	CB, Original Hole	4			7/13/2000
4	4,766	4,771	CB, Original Hole	4			7/13/2000

### Pumping Summary

Interval Number	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Link to Proppant	Proppant Mass (lb)	Vol Clean Total (bbl)	Vol Slurry Total (bbl)	Vol Recov Total (bbl)
1	1,930		30.5	2,200	White Sand, 20/40	90,021.0	0.00	0	0.00
1	2,320		33.0	2,626	White Sand, 20/40	78,000.0	0.00	0	0.00
2	2,110		30.0	2,424	White Sand, 20/40	90,000.0	0.00	0	0.00

### Tubing Strings

Tubing Description		Run Date		Set Depth (ftKB)				
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Stretch Correction	1	2 7/8	2.44			1.20	10.0	11.2
Tubing	149	2 7/8	2.44	6.50	J-55	4,656.77	11.2	4,668.0
Seating Nipple	1	2 7/8	2.27			1.10	4,668.0	4,669.1
On-Off Tool	1	4 5/8	1.88			1.80	4,669.1	4,670.9
Packer	1	4 5/8	2.44			7.30	4,670.9	4,678.2
Cross Over	1	3 6/8	1.99			0.50	4,678.2	4,678.7
Tubing Pup Joint	1	2 3/8	1.99			4.10	4,678.7	4,682.8
XN Nipple	1	2 3/8	1.88			1.10	4,682.8	4,683.9
Wireline Guide	1	3 1/8	1.99			0.30	4,683.9	4,684.2

### Rod Strings

Rod Description		Run Date		Set Depth (ftKB)			
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)



# Job Detail Summary Report

**Well Name:** Plsnt Vly 7-9-9-17

<b>Jobs</b>		
Primary Job Type	Job Start Date	Job End Date
Repairs	8/3/2016	8/8/2016

Daily Operations		
Report Start Date	Report End Date	24hr Activity Summary
8/3/2016	8/3/2016	Rig move from S-34-8-18 to 7-9-9-17 location Spot rig in to wellhead. Rig up service unit. Rig up hot oiler to casing. Pressure casing to 1500 psi, lose 15 psi in 30 minute test Drop standing valve inside tubing. Pump and seat valve into seat nipple w/ 35 bbl. water. Pressure tubing to 3040 psi, casing @ 1430 psi. Both tubing and casing holding 30 minute test. Bleed casing pressure off. Shut well in for night. Leave 3000 psi on tubing and 0 psi on casing over night.
Start Time 06:00	End Time 07:00	Comment Crew travel from yard to location
Start Time 07:00	End Time 10:00	Comment Rig down service unit. Clean and prep location for production
Start Time 10:00	End Time 11:00	Comment Rig move from S-34-8-18 to 7-9-9-17 location
Start Time 11:00	End Time 12:30	Comment Spot rig in to wellhead. Rig up service unit.
Start Time 12:30	End Time 13:30	Comment Rig up hot oiler to casing. Pressure casing to 1500 psi, lose 15 psi in 30 minute test
Start Time 13:30	End Time 15:30	Comment Drop standing valve inside tubing. Pump and seat valve into seat nipple w/ 35 bbl. water. Pressure tubing to 3040 psi, casing @ 1430 psi. Both tubing and casing holding 30 minute test. Bleed casing pressure off.
Start Time 15:30	End Time 16:00	Comment Shut well in for night. Leave 3000 psi on tubing and 0 psi on casing over night.
Start Time 16:00	End Time 17:00	Comment Crew travel from location to yard



Well Name: Pisnt Vly 7-9-9-17

### Job Detail Summary Report

Daily Operations		
Report Start Date	Report End Date	
8/4/2016	8/4/2016	
<p>24hr Activity Summary                      Casing 50 psi, tubing 2920 psi (Tubing gain 40 psi and casing 50 psi in 15 hours)                      Bleed pressure off of tubing into flowback tank. 107 bbl.                      Rig up and run in hole w/ sandline. Retrieve standing valve. Pull to surface.                      Nipple down wellhead, release packer, Nipple up BOP. Rig up work floor and tubing tongs                      Circulate oil out of well w/ hot oiler (70 bbl.)                      Trip out of hole w/ 150' joints 2-7/8" J55 tubing, seat nipple, on/off tool, packer, 2-7/8"x2-3/8" x-over, 2-3/8" XN nipple, 2-3/8" wireline guide                      Make up and run in hole w/ tubing as follows:                      149' joints 2-7/8" J55                      2-7/8" Seat Nipple                      On/off tool                      Packer                      2-7/8"x2-3/8" crossover                      2-3/8"x4' pup                      2-3/8" X.N. nipple                      2-3/8" wireline guide                      Tubing was flowing, Drop standing valve, pumped valve to seat nipple w/ 30 bbl. water. Pressure tubing to 3000 psi. Lost 150 psi on 1st test, lost 75 psi on 2nd test, Pressure tubing back up to 3000 psi.                      Shut well in for night</p>		
Start Time	End Time	Comment
06:00	07:00	Crew travel from yard to location. Conduct daily safety meeting and JSA on location
Start Time	End Time	Comment
07:00	07:30	Casing 50 psi, tubing 2920 psi (Tubing gain 40 psi and casing 50 psi in 15 hours)
Start Time	End Time	Comment
07:30	09:30	Bleed pressure off of tubing into flowback tank. 107 bbl.
Start Time	End Time	Comment
09:30	10:30	Rig up and run in hole w/ sandline. Retrieve standing valve. Pull to surface.
Start Time	End Time	Comment
10:30	12:00	Nipple down wellhead, release packer, Nipple up BOP. Rig up work floor and tubing tongs
Start Time	End Time	Comment
12:00	13:00	Circulate oil out of well w/ hot oiler (70 bbl.)
Start Time	End Time	Comment
13:00	14:30	Trip out of hole w/ 150' joints 2-7/8" J55 tubing, seat nipple, on/off tool, packer, 2-7/8"x2-3/8" x-over, 2-3/8" XN nipple, 2-3/8" wireline guide



Well Name: PIsnt Vly 7-9-9-17

### Job Detail Summary Report

Start Time 14:30	End Time 16:00	Comment Make up and run in hole w/ tubing as follows: 149) Joints 2-7/8" J55 2-7/8" Seat Nipple On/off tool Packer 2-7/8"x2-3/8" crossover 2-3/8"x4' pup 2-3/8" X.N. nipple 2-3/8" wireline guide
Start Time 16:00	End Time 17:30	Comment Tubing was flowing. Drop standing valve, pumped valve to seat nipple w/ 30 bbl. water. Pressure tubing to 3000 psi. Lost 150 psi on 1st test, lost 75 psi on 2nd test, Pressure tubing back up to 3000 psi.
Start Time 17:30	End Time 18:00	Comment Shut well in for night
Start Time 18:00	End Time 19:00	Comment Crew travel
Report Start Date 8/5/2016	Report End Date 8/5/2016	24hr Activity Summary Pressure test, good test, RD floor and tongs, ND bop, NU injection head, SDFN
Start Time 06:00	End Time 07:00	Comment Crew travel, fuel and start rid, morning JSA
Start Time 07:00	End Time 08:00	Comment TBG dropped from 2690 to 2250 in a 14 hour period, pumped tbg back up to 3000 psi, held solid for 30 min.
Start Time 08:00	End Time 08:30	Comment MU and TIH w/ sandline and 3/4" - 7/8" overshot, fish valve, TOOH and RD sandline
Start Time 08:30	End Time 09:30	Comment RD floor and Tongs, ND Bop's, NU Injection well head.
Start Time 09:30	End Time 10:30	Comment Reverse circulation 60 bbls PKR Fluid mixed with fresh water, PU and set PKR w/ 15000 tension.
Start Time 10:30	End Time 15:30	Comment Pumped csg up to 1500 PSI. 1st test lost 50 PSI, 1520 psi to 1470 psi, 2nd test lost 30 psi, 1470 1440 psi, bled gas head off csg, cleared air from HO lines, pumped csg back up to 1500 PSI, 3rd test lost 10 PSI, 1500 psi to 1490 psi, was loosening .6 psi per min on MIT, Let settle over weekend.
Start Time 15:30	End Time 16:00	Comment SWI, clean up for night
Start Time 16:00	End Time 16:30	Comment Travel time
Report Start Date 8/8/2016	Report End Date 8/8/2016	24hr Activity Summary HELD MIT (PASSED), PWOI, FINAL RIG REPORT! MIT
Start Time 06:00	End Time 07:00	Comment CREW TRAVEL, FUEL AND START RIG, MORNING MEETING
Start Time 07:00	End Time 08:00	Comment PSI ON CSG DROPPED FROM 1350 TO 1050 OVER WEEKEND, PUMPED CSG BACK TO 1500 PSI, HELD @ 1500 PSI FOR 30 MIN, PASSES MIT. Workover MIT performed on the above listed well. On 08/08/2016 the csg was pressured up to 1510 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 760 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-09998
Start Time 08:00	End Time 09:00	Comment PREP TO RD, RD, PREP RIG TO MOVE, PRE TRIPS, CLEAN UP LOCATION.



# Job Detail Summary Report

Well Name: Plsnt Vly 7-9-9-17

Start Time 09:00	End Time 10:00	Comment MOVE RIG FROM THE 7-9-9-17 TO THE ODEKIRK IN CENTRAL BASIN.
Start Time 10:00	End Time 11:00	Comment TRAVEL TIME. FINAL REPORT!