

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL [X] DEEPEN [ ]

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

2. NAME OF OPERATOR Inland Production Company

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*) At Surface SE/NW 2011' FNL & 1976' FWL 613 602

5. LEASE DESIGNATION AND SERIAL NO. U-74805

6. IF INDIAN, ALOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME S. Pleasant Valley Federal

9. WELL NO. #6-15-9-17

10. FIELD AND POOL OR WILDCAT Monument Butte

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 15, T9S, R17E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\* 12.9 Miles southeast of Myton, Utah

12. County Duchesne 13. STATE UT

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1976'

16. NO. OF ACRES IN LEASE

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.

19. PROPOSED DEPTH 6500'

20. ROTARY OR CABLE TOOLS Rotary

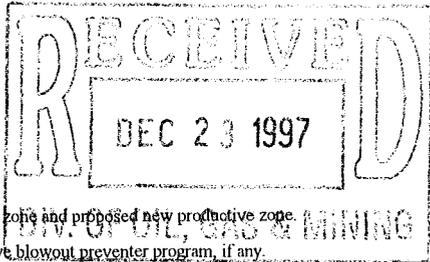
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5209.8' GR

22. APPROX. DATE WORK WILL START\* 1st Quarter 1998

23. PROPOSED CASING AND CEMENTING PROGRAM

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

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



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

24. SIGNED Cheryl Cameron TITLE Regulatory Compliance Specialist DATE 12/18/97

(This space for Federal or State office use)

PERMIT NO. 43-013-32019 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 John R. Bay TITLE Associate Director DATE 2/18/98 Utah DOLM

\*See Instructions On Reverse Side

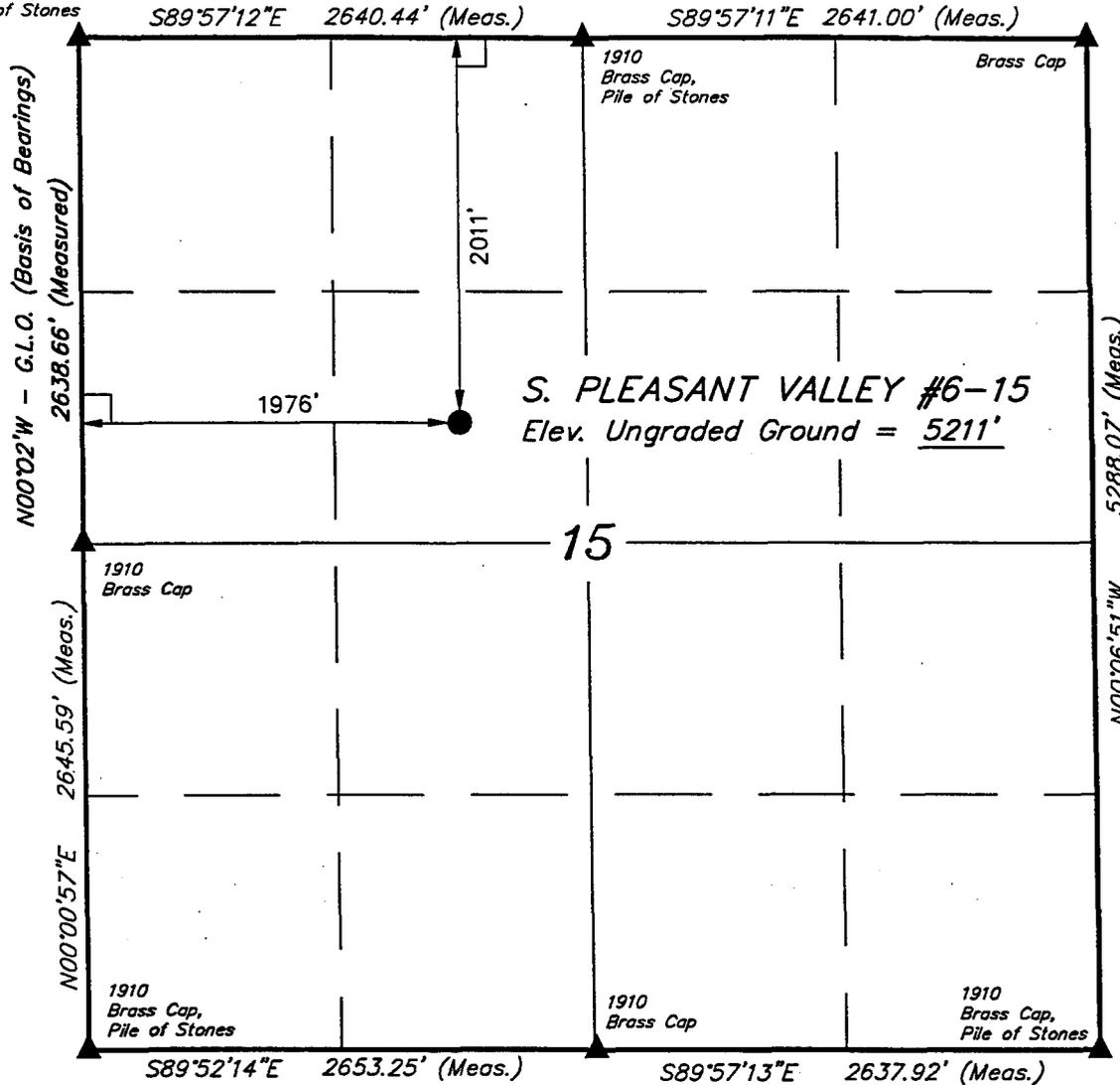
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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

INLAND PRODUCTION CO.

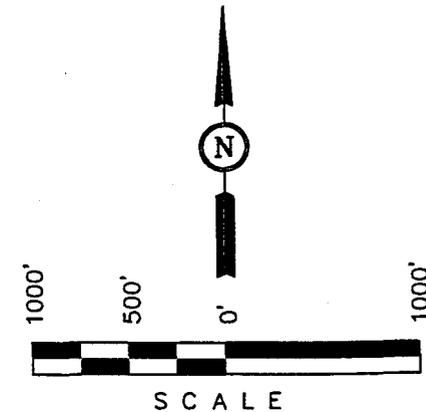
Well location, S. PLEASANT VALLEY #6-15, located in the SE 1/4 NW 1/4 of Section 15, T9S, R17E, S.L.B.&M. Duchesne County, Utah.

1910  
Brass Cap,  
Pile of Stones



BASIS OF ELEVATION

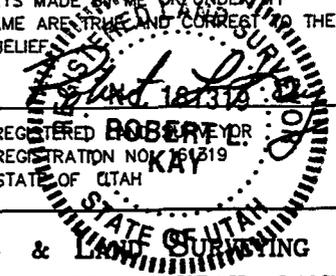
SPOT ELEVATION AT THE NORTHWEST CORNER OF SECTION 15, T9S, R17E, S.L.B.&M. TAKEN FROM THE MYTON SE QUADRANGLE, UTAH, DUCHESNE COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5233 FEET.



CERTIFICATE

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

REGISTERED ROBERT EYER  
REGISTRATION NO. 161319  
STATE OF UTAH



LEGEND:

- = 90° SYMBOL
- = PROPOSED WELL HEAD.
- = SECTION CORNERS LOCATED.

UINTAH ENGINEERING & LAND SURVEYING  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 12-12-97	DATE DRAWN: 12-16-97
PARTY D.A. K.H. C.B.T.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE INLAND PRODUCTION CO.	

**INLAND PRODUCTION COMPANY  
S. PLEASANT VALLEY FEDERAL #6-15-9-17  
SE/NW SECTION 15, 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' – 1280'
Green River	1280'
Wasatch	6500'

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

Green River Formation 1280' – 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 H<sub>2</sub>S will be encountered in this area.

**10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

Please refer to the Monument Butte Field SOP.

**INLAND PRODUCTION COMPANY  
S. PLEASANT VALLEY FEDERAL #6-15-9-17  
SE/NW SECTION 15, T9S, R17E  
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 S. Pleasant Valley #6-15-9-17 located in the SE 1/4 NW 1/4 Section 15, T9S, R17E, S.L.B. 7 M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.5 miles  $\pm$  to the junction of this highway and Utah State Highway 53; proceed southerly along Utah State Highway 53 - 6.3 miles to its junction with an existing paved road to the southeast; proceed southeasterly along this road 5.1 miles to the junction of an existing dirt road to the south; proceed southerly along this road 2.8 miles to the junction of an existing dirt road to the east; proceed easterly 1.3 miles to the beginning of the proposed access road. See Exhibit "A".

**2. PLANNED ACCESS ROAD**

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

**3. LOCATION OF EXISTING WELLS**

Refer to Exhibit "D".

**4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

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

**5. LOCATION AND TYPE OF WATER SUPPLY**

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

**6. SOURCE OF CONSTRUCTION MATERIALS**

Please refer to the Monument Butte Field SOP.

**7. METHODS FOR HANDLING WASTE DISPOSAL**

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

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. WELL SITE LAYOUT

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s). Refer to Exhibits "E" and "E-1".

10. PLANS FOR RESTORATION OF SURFACE

Please refer to the Monument Butte Field SOP.

11. SURFACE OWNERSHIP - Bureau Of Land Management

12. OTHER ADDITIONAL INFORMATION

The Archaeological Cultural Resource Survey will be submitted, as soon as it becomes available.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

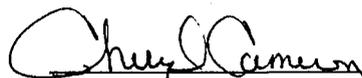
Name: Cheryl Cameron  
Address: P.O. Box 790233 Vernal, Utah 84079  
Telephone: (435) 789-1866

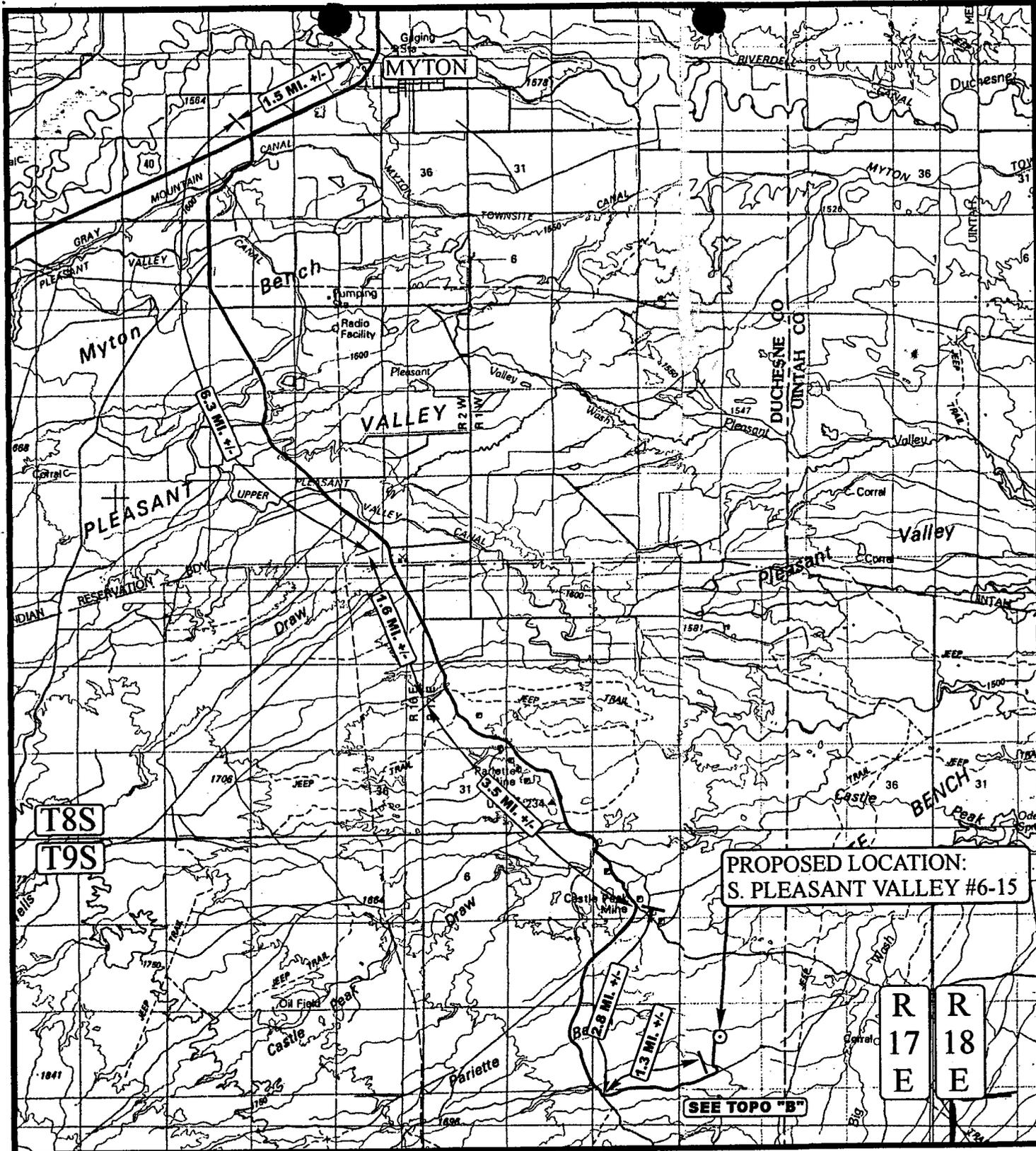
Certification

Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of well #6-15-9-17 SE/NW Section 15, Township 9S, Range 17E: Lease U-74805, 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 I, or persons under my direct supervision have inspected the proposed drillsite and access route; that 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.

\_\_\_\_\_  
12/18/97  
Date

  
\_\_\_\_\_  
Cheryl Cameron  
Regulatory Compliance Specialist



PROPOSED LOCATION:  
S. PLEASANT VALLEY #6-15

R 17 E  
R 18 E

SEE TOPO "B"

**LEGEND:**

⊙ PROPOSED LOCATION



**INLAND PRODUCTION CO.**

S. PLEASANT VALLEY #6-15  
SECTION 15, T9S, R17E, S.L.B.&M.  
2011' FNL 1976' FWL



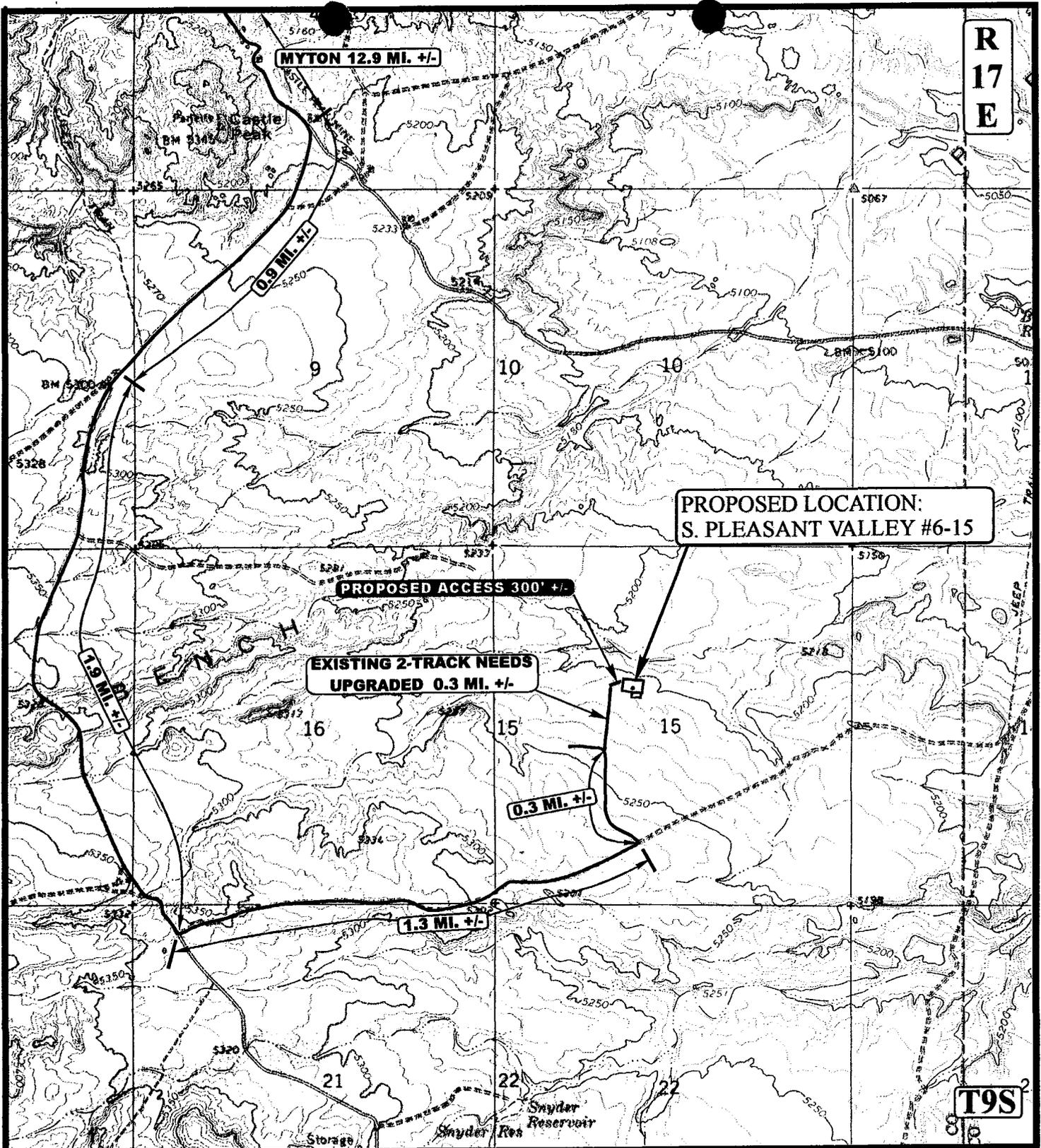
Utah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(801) 789-1017 \* FAX (801) 789-1813  
Email: uels@easilink.com

**TOPOGRAPHIC MAP**

**12 16 97**  
MONTH DAY YEAR



SCALE: 1:100,000 DRAWN BY: C.G. REVISED: 00-00-00



R  
17  
E

PROPOSED LOCATION:  
S. PLEASANT VALLEY #6-15

PROPOSED ACCESS 300' +/-

EXISTING 2-TRACK NEEDS  
UPGRADED 0.3 MI. +/-

0.3 MI. +/-

1.3 MI. +/-

1.9 MI. +/-

MYTON 12.9 MI. +/-

0.9 MI. +/-

T9S

**LEGEND:**

- PROPOSED ACCESS ROAD
- EXISTING ROAD



**INLAND PRODUCTION CO.**

S. PLEASANT VALLEY #6-15  
SECTION 15, T9S, R17E, S.L.B.&M.  
2011' FNL 1976' FWL



**Uintah Engineering & Land Surveying**  
85 South 200 East Vernal, Utah 84078  
(801) 789-1017 \* FAX (801) 789-1813  
Email: uels@easilink.com

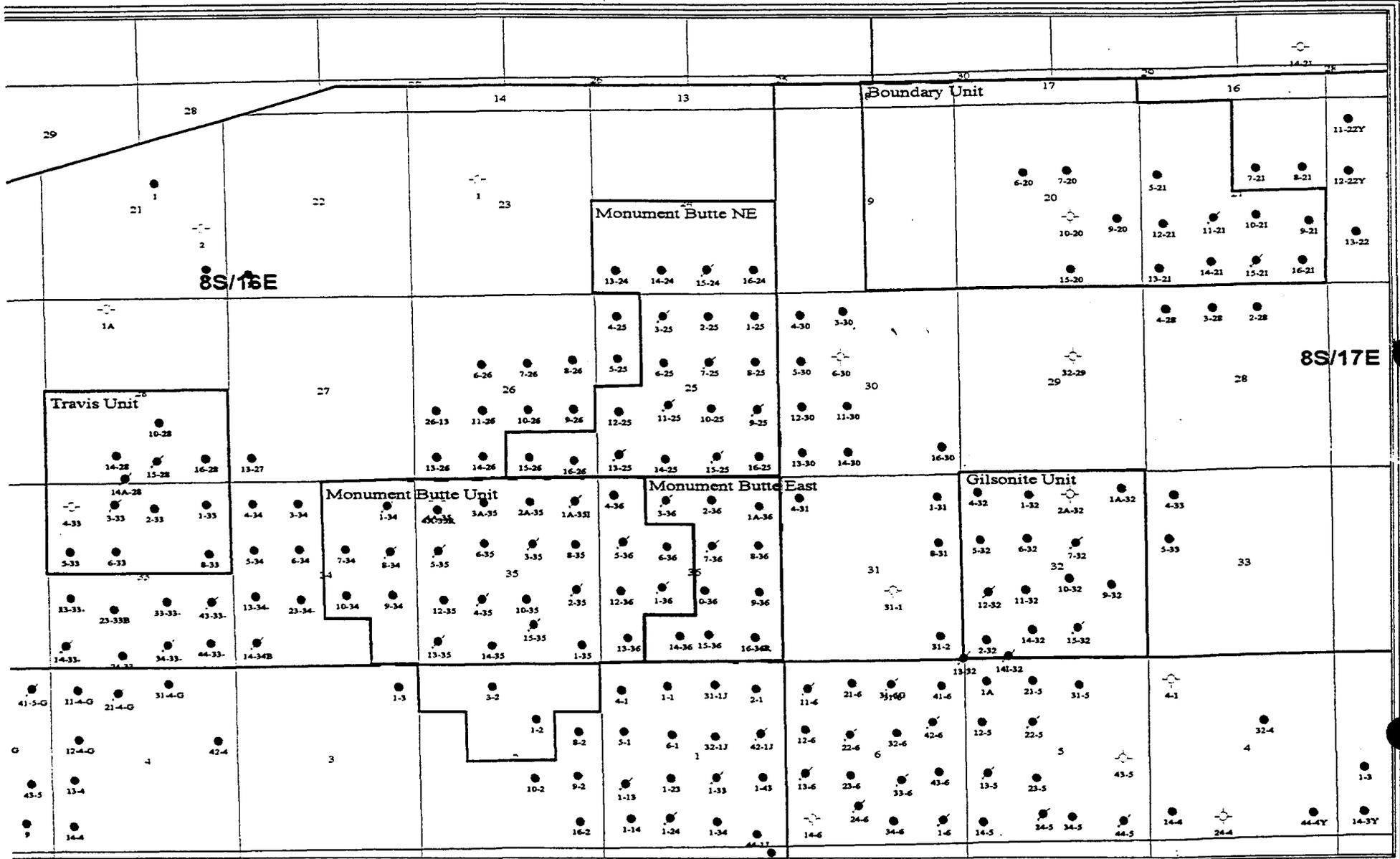
**TOPOGRAPHIC**  
**MAP**

<b>12</b>	<b>16</b>	<b>97</b>
MONTH	DAY	YEAR

SCALE: 1" = 2000' DRAWN BY: C.G. REVISED: 00-00-00



EXHIBIT "C"




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

**Regional Area**  
 Duchesne County, Utah

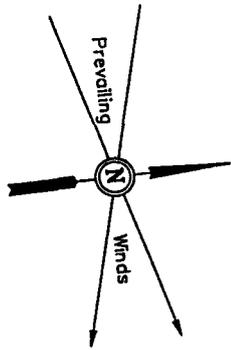
Date: 4/18/97 J.A.



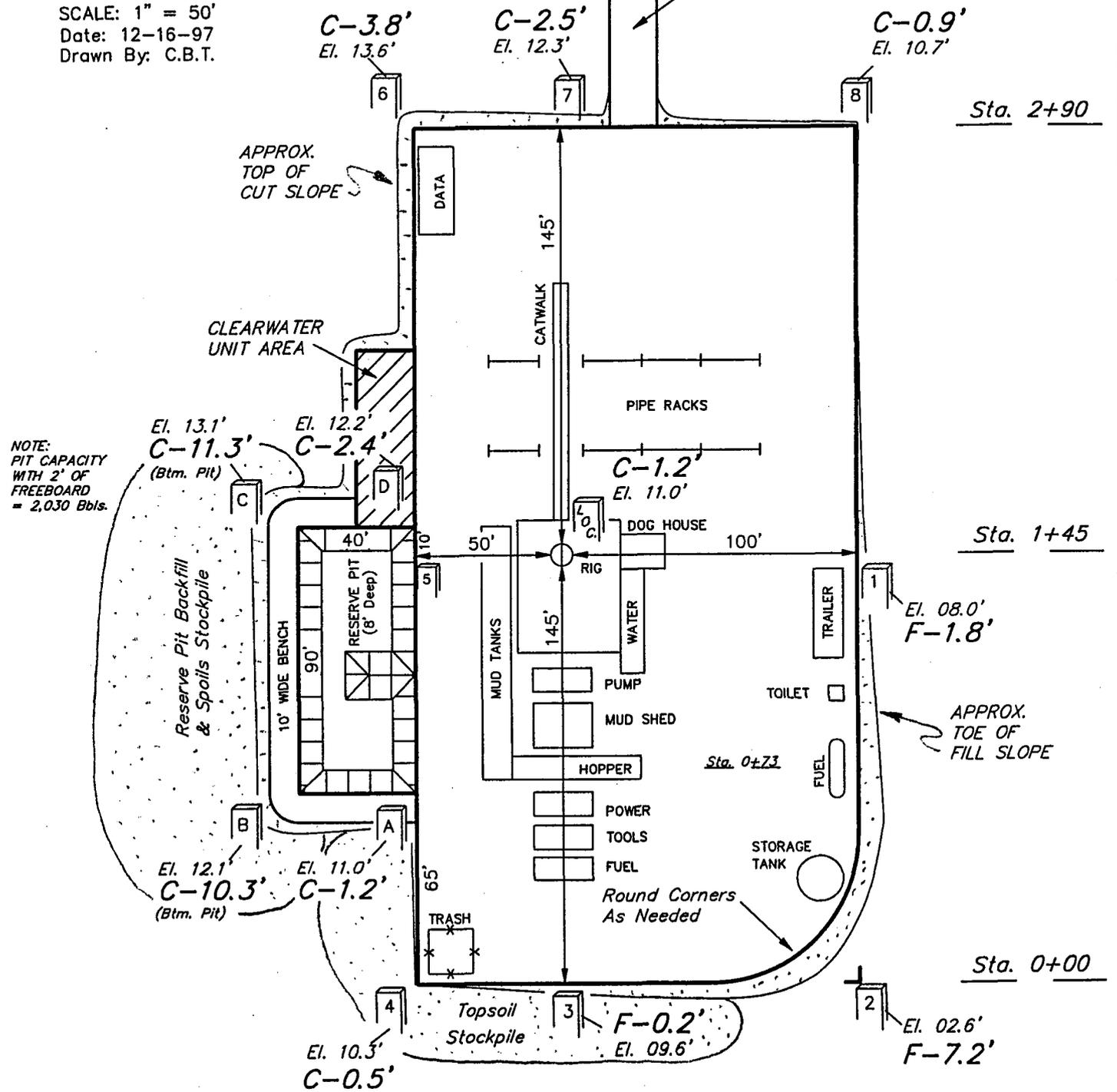
INLAND PRODUCTION CO.

LOCATION LAYOUT FOR

S. PLEASANT VALLEY #6-15  
SECTION 15, T9S, R17E, S.L.B.&M.  
2011' FNL 1976' FWL



SCALE: 1" = 50'  
Date: 12-16-97  
Drawn By: C.B.T.



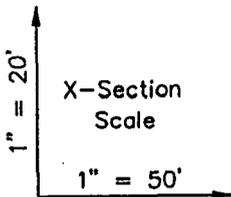
Elev. Ungraded Ground at Location Stake = 5211.0'  
Elev. Graded Ground at Location Stake = 5209.8'

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85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

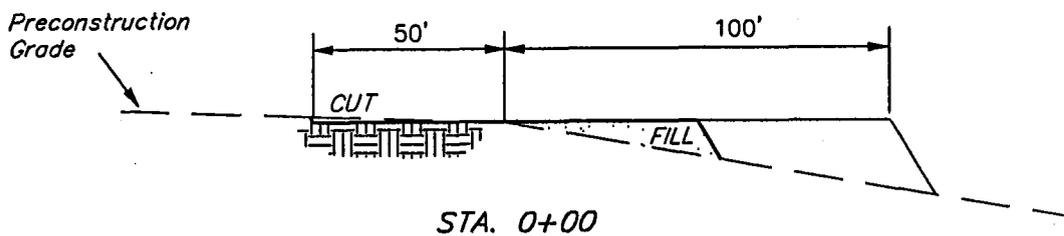
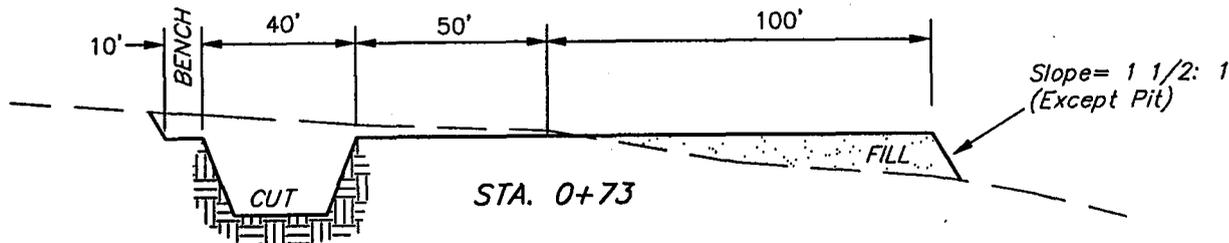
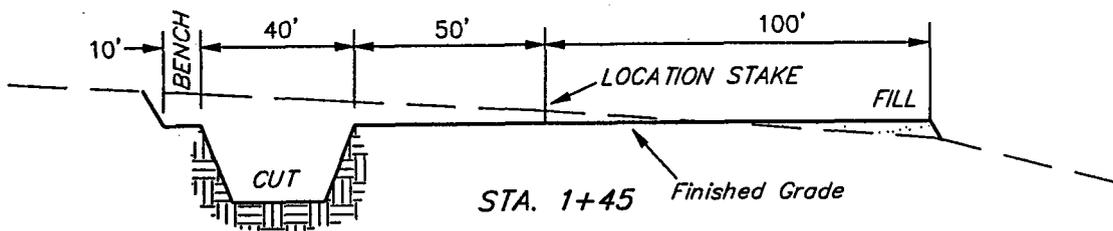
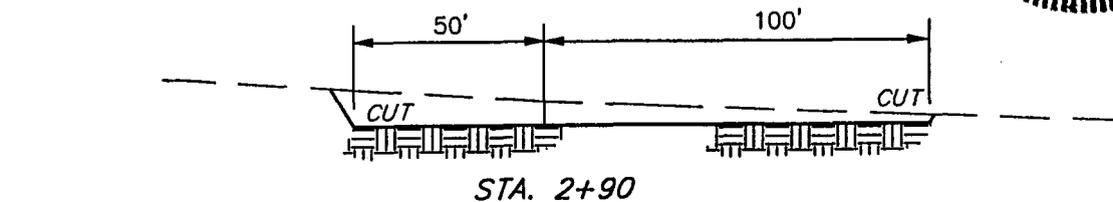
INLAND PRODUCTION CO.

TYPICAL CROSS SECTIONS FOR

S. PLEASANT VALLEY #6-15  
SECTION 15, T9S, R17E, S.L.B.&M.  
2011' FNL 1976' FWL



Date: 12-16-97  
Drawn By: C.B.T.



NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE YARDAGES

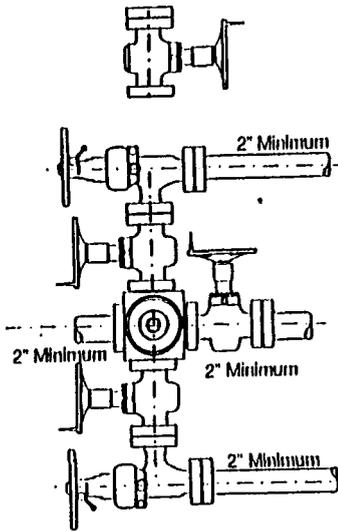
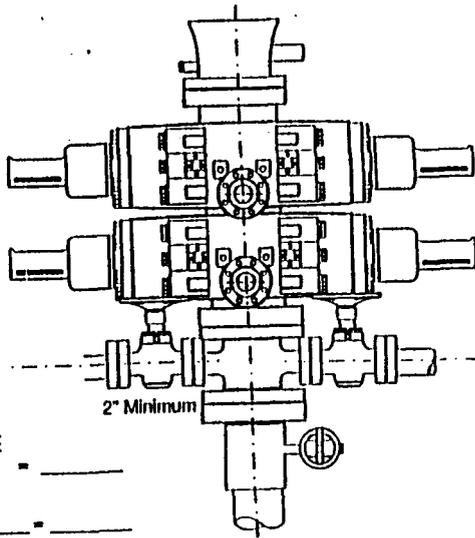
CUT	
(6") Topsoil Stripping	= 870 Cu. Yds.
Remaining Location	= 2,230 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 3,100 CU.YDS.</b>
<b>FILL</b>	<b>= 1,800 CU.YDS.</b>

EXCESS MATERIAL AFTER 5% COMPACTION	= 1,210 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 1,200 Cu. Yds.
EXCESS MATERIAL After Reserve Pit is Backfilled & Topsoil is Re-distributed	= 10 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

RAM TYPE O.O.P.  
 Flake:  
 Size:  
 Model:

2-M SYSTEM



GAL TO CLOSE  
 Annular BOP = \_\_\_\_\_  
 Ramtype BOP  
 \_\_\_\_\_ Rams x \_\_\_\_\_ = \_\_\_\_\_ Gal.  
 \_\_\_\_\_ x 2 = \_\_\_\_\_ Total Gal.

Rounding off to the next higher  
 increment of 10 gal. would require  
 \_\_\_\_\_ Gal. (total fluid & nitro volume)

Well No.: South Pleasant Valley 6-15-9-17

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: South Pleasant Valley 6-15-9-17

API Number:

Lease Number:

Location: SENW Sec. 15, T9S, R17E

**GENERAL**

Pad location will be moved approximately 30 ft. S out of draw. Access will be from W.

**CULTURAL RESOURCES**

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

**PALEONTOLOGICAL RESOURCES**

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

**SOILS, WATERSHEDS, AND FLOODPLAINS**

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

**WILDLIFE AND FISHERIES**

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

## THREATENED, ENDANGERED, AND OTHER SENSITIVE SPECIES

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

**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.

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

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

OTHER

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/23/97

API NO. ASSIGNED: 43-013-32019

WELL NAME: SPV FEDERAL 6-15-9-17  
 OPERATOR: INLAND PRODUCTION COMPANY (N5160)

PROPOSED LOCATION:  
 SENW 15 - T09S - R17E  
 SURFACE: 2011-FNL-1976-FWL  
 BOTTOM: 2011-FNL-1976-FWL  
 DUCHESNE COUNTY  
 MONUMENT BUTTE FIELD (105)

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

LEASE TYPE: FED  
 LEASE NUMBER: U - 74805

PROPOSED PRODUCING FORMATION: GRRV

RECEIVED AND/OR REVIEWED:

Plat

Bond: Federal [ State [] Fee []  
 (Number 4488944)

Potash (Y/N)

Oil shale (Y/N)

Water permit  
 (Number GILSONICE STATE 1-52)

RDCC Review (Y/N)  
 (Date: \_\_\_\_\_)

LOCATION AND SITING:

\_\_\_ R649-2-3. Unit: \_\_\_\_\_

R649-3-2. General.

\_\_\_ R649-3-3. Exception.

\_\_\_ Drilling Unit.  
 Board Cause no: \_\_\_\_\_  
 Date: \_\_\_\_\_

COMMENTS: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

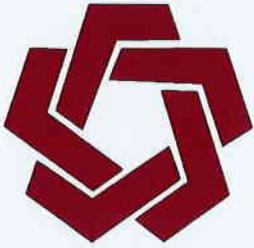
STIPULATIONS: \_\_\_\_\_

\_\_\_\_\_

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\_\_\_\_\_



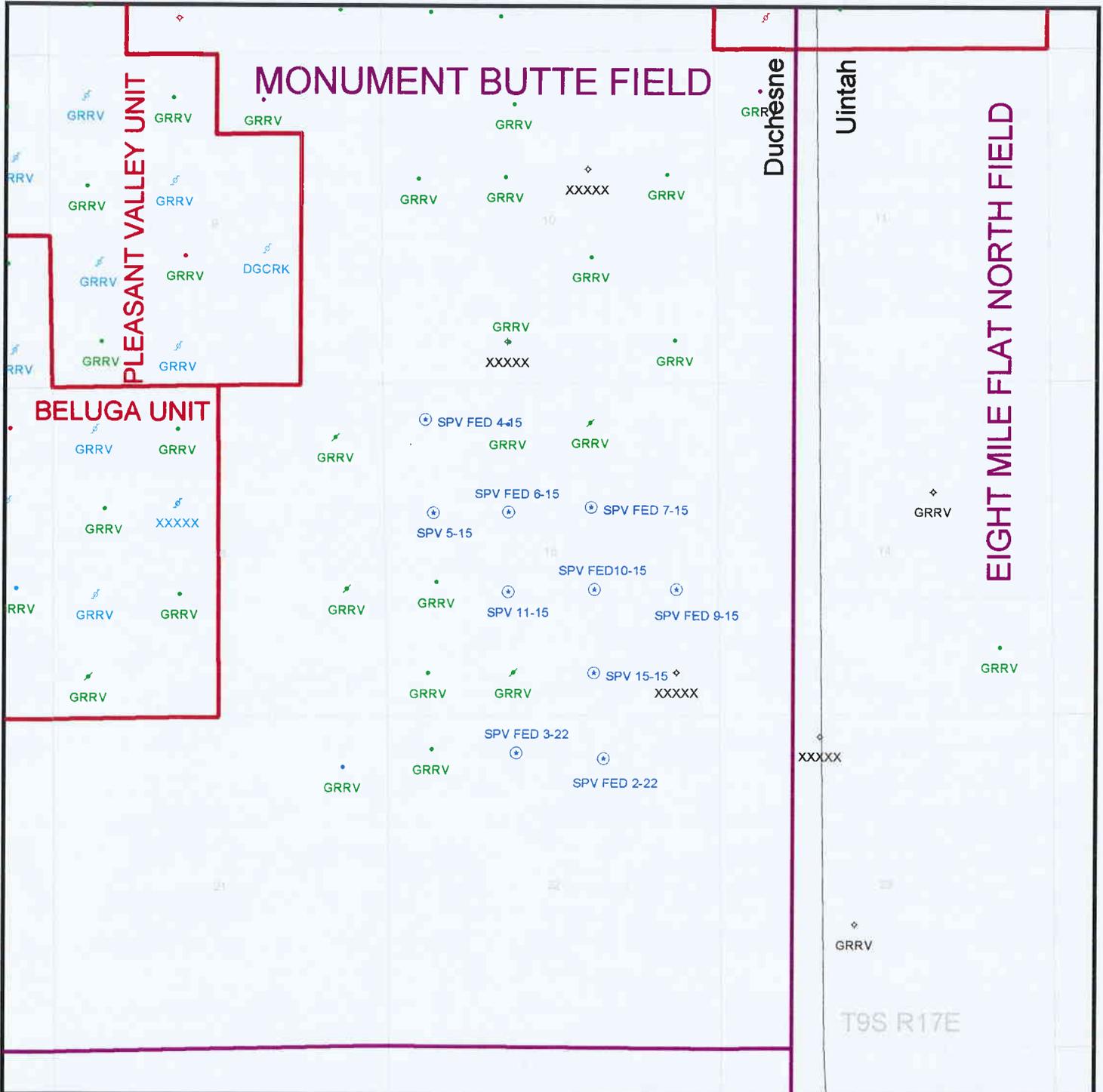
DIVISION OF OIL, GAS & MINING

OPERATOR: INLAND PRODUCTION (N5160)

FIELD: MONUMENT BUTTE (105)

SEC. TWP. RNG.: SEC. 15 & 22, T9S, R17E

COUNTY: DUCHESNE UAC: R649-3-2 GENERAL



DATE PREPARED:  
26-DEC-1997



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)

February 18, 1998

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

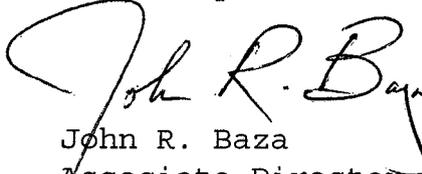
Re: S. Pleasant Valley Federal 6-15-9-17 Well, 2011' FNL,  
1976' FWL, SE NW, Sec. 15, T. 9 S., R. 17 E., Duchesne  
County, Utah

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 43-013-32019.

Sincerely,

  
John R. Baza  
Associate Director

lwp

Enclosures

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

Operator: Inland Production Company  
Well Name & Number: S. Pleasant Valley Federal 6-15-9-17  
API Number: 43-013-32019  
Lease: U-74805  
Location: SE NW Sec. 15 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 John R. Baza (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.

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 SINGLE MULTIPLE WELL [X] WELL [ ] OTHER [ ] ZONE [ ] ZONE [ ]

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*) At Surface SE/NW At proposed Prod. Zone 2011' FNL & 1976' FWL DEC 19 1997

5. LEASE DESIGNATION AND SERIAL NO. U-74805
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME S. Pleasant Valley Federal
9. WELL NO. #6-15-9-17
10. FIELD AND POOL OR WILDCAT Monument Butte
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 15, T9S, R17E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\* 12.9 Miles southeast of Myton, Utah

12. County Duchesne 13. STATE UT

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1976'

16. NO. OF ACRES IN LEASE

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.

19. PROPOSED DEPTH 6500'

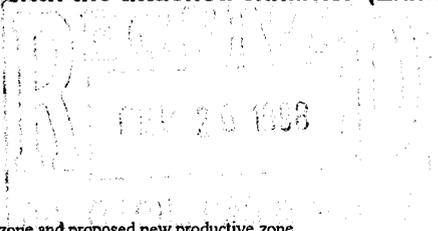
20. ROTARY OR CABLE TOOLS Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5209.8' GR

22. APPROX. DATE WORK WILL START\* 1st Quarter 1998

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

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



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

24. SIGNED Cheryl Cameron TITLE Regulatory Compliance Specialist DATE 12/18/97

NOTICE OF APPROVAL PERMIT NO. APPROVAL DATE

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

CONDITIONS OF APPROVAL, IF ANY: APPROVED BY [Signature] TITLE Assistant Field Manager Mineral Resources DATE FEB 10 1998

\*See Instructions On Reverse Side

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

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Inland Production Company

Well Name & Number: S. Pleasant Valley Federal 6-15-9-17

API Number: 43-013-32019

Lease Number: U-74805

Location: SENW Sec. 015 T. 09S R. 17E

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

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

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

**Drilling Operations**

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Mahogany Oil Shale zone identified at  $\pm 1947$  ft. If Gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

**SURFACE USE PROGRAM**  
Conditions of Approval (COAs)  
Inland Production Company - Well #6-15-9-17

**Location Reclamation**

The seed mixture to revegetate areas of the location not needed for production and operations as well as for final reclamation will be:

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

Additionally at the time of reclaiming the reserve pit in addition to seeding the reserve pit area the remaining stockpiled top soil will also be seeded and the seed worked into the surface of the soil pile.

OPERATOR Inland Production Company  
 ADDRESS 475 17th St., Suite 1500  
Denver, CO 80202

OPERATOR ACCT. NO. 45160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	12276	43-013-31971	Wells Draw 1-4	NE/NE	4	9S	16E	Duchesne	2/9/98	
COMMENT 1: Spud well w/ ZCM Drilling @ 1:00 pm, 2/9/98. (Wells Draw - GR Unit) Entities added 313-98. JLC											
A	99999	12311	43-013-31886	S. Pleasant Valley 5-15	SW/NW	15	9S	17E	Duchesne	2/12/98	
COMMENT 2: Spud well w/ Union, Rig # 17 @ 2:00 pm, 2/12/98.											
A	99999	12312	43-047-33014	ODERIEK SPRINGS 5-36	SW/NW	36	8S	17E	Uintah	2/16/98	
COMMENT 3: Spud well w/ Union, Rig # 7 @ 3:00 pm, 2/16/98.											
A	99999	12313	43-013-32012	Nine Mile 3-7	NE/NW	7	9S	16E	Duchesne	2/19/98	
COMMENT 4: Spud well w/ ZCM Drilling @ 3:15 pm, 2/19/98.											
A	99999	12314	43-047-33013	ODERIEK SPRINGS 6-36	SE/NW	36	8S	17E	Uintah	2/23/98	
COMMENT 5: Spud well w/ Union, Rig # 7 @ 4:00 pm, 2/23/98.											

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

Shawna Smith  
 Signature  
Engineering Technician  
 Title  
 Date  
 Phone No. 303, 376-8107

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

OPERATOR Inland Production Company  
ADDRESS 475 17th St., Suite 1500  
Denver, CO 80202

OPERATOR ACCT. NO. N5160

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
A	99999	12315	43-013-32022	S. Pleasant Valley 10-15-9-17	NE/SE	15	9S	17E	Duchesne	2/20/98	
WELL 1 COMMENTS: Spud well w/Union, Rig #17 @ 2:00 p.m., 2/20/98.											
A	99999	12316	43-013-32011	Nine Mile 2-7	NW/NE	7	9S	16E	Duchesne	2/23/98	
WELL 2 COMMENTS: Spud well w/Cook Sfc. Rig @ 1:00 pm, 2/23/98.											
A	99999	12317	43-013-32018	S. Pleasant Valley 4-15-9-17	NW/NW	15	9S	17E	Duchesne	2/28/98	
WELL 3 COMMENTS: Spud well w/Union, Rig #17 @ 2:00 pm, 2/28/98											
A	99999	12318	43-013-31998	ASHLEY 5-1	SW/NW	1	9S	15E	Duchesne	3/2/98	
WELL 4 COMMENTS: Spud well w/Sierra Drilling @ 10:00 am, 3/2/98. Ashley Unit (Unit Entity not established yet, awaiting oper. reg.)											
A	99999	12319	43-013-32019	S. Pleasant Valley 6-15-9-17	SE/NW	15	9S	17E	Duchesne	3/7/98	
WELL 5 COMMENTS: Spud well w/Union, Rig #17 @ 1:00 pm, 3/7/98.											

INLAND RESOURCES

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

Shannon Smith  
Signature  
Engineering Technician  
Title  
Date  
Phone No. (303) 376-8107

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

**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-74805**

6. If Indian, Allottee or Tribe Name  
**NA**

7. If Unit or CA, Agreement Designation  
**NA**

8. Well Name and No.  
**S. PLEASANT VALLEY 6-15-9-17**

9. API Well No.  
**43-013-32019**

10. Field and Pool, or Exploratory Area  
**MONUMENT BUTTE**

11. County or Parish, State  
**DUCHESNE COUNTY, UTAH**

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

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

3. Address and Telephone No.  
**410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**2011 FNL 1976 FWL                      SE/NW Section 15, T09S R17E**

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

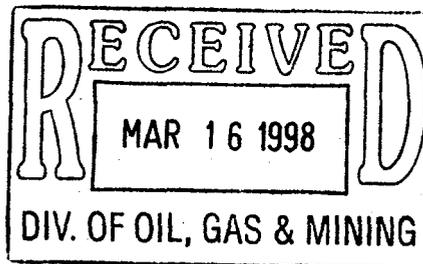
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input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

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

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

**WEEKLY STATUS REPORT FOR THE PERIOD OF 3/4/98 - 3/11/98**

NU BOP. Wait on tester. Test BOP, Kelly valve, rams to 2000#, Hydril to 1500#. Run 8-5/8" cup pkr & press test csg. LD pkr. TIH w/bit. Drl cmt & shoe. Drl 319' - 3517'.



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

Signed Shannon Smith Title Engineering Secretary Date 3/12/98

(This space for Federal or State office use)

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

Conditions of approval, if any:

**CC: UTAH DOGM**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.  
**U-74805**

6. If Indian, Allottee or Tribe Name  
**NA**

7. If Unit or CA, Agreement Designation  
**NA**

8. Well Name and No.  
**S. PLEASANT VALLEY 6-15-9-17**

9. API Well No.  
**43-013-32019**

10. Field and Pool, or Exploratory Area  
**MONUMENT BUTTE**

11. County or Parish, State  
**DUCHESNE COUNTY, UTAH**

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

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

3. Address and Telephone No.  
**410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**2011 FNL 1976 FWL                      SE/NW Section 15, T09S R17E**

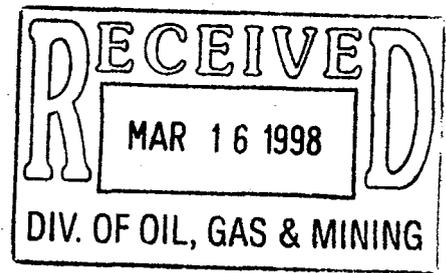
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other <u>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 #17. Drl & set conductor. **Spud well @ 1:00 pm, 3/7/98.** Drl & set RH. NU bowl & flowline. Drl 12-1/4" sfc hole 35' - 319'. C&C. TOH. ND flowline & bowl. Run 8-5/8" GS, 7 jt 8-5/8", 24#, J-55, ST & C csg, WHI 2000 psi WP csg head (291'). Csg set @ 306'. RU Halliburton. Pmp 5 bbl dye wtr & 20 bbl gel. Cmt w/140 sx Premium Plus w/2% CC & 1/2#/sk flocele (15.6 ppg 1.18 cf/sk yield). Good returns w/4 bbl cmt to sfc. RD Halliburton. WOC.



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

Signed Shannon Smith Title Engineering Secretary Date 3/12/98

(This space for Federal or State office use)

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

Conditions of approval, if any:  
**CC: UTAH DOGM**

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

FORM APPROVED  
Budget Bureau No. 1004-0135  
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8. Well Name and No.  
**S. PLEASANT VALLEY 6-15-9-17**

9. API Well No.  
**43-013-32019**

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**MONUMENT BUTTE**

11. County or Parish, State  
**DUCHESNE COUNTY, UTAH**

**SUBMIT IN TRIPLICATE**

1. Type of Well  
 Oil Well     Gas Well     Other

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

3. Address and Telephone No.  
**410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**2011 FNL 1976 FWL                      SE/NW Section 15, T09S R17E**

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

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

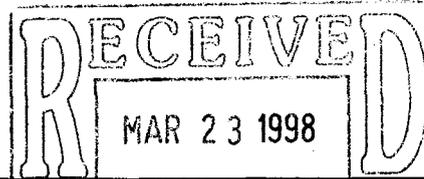
(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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.)\*

**WEEKLY STATUS REPORT FOR THE PERIOD OF 3/12/98 - 3/18/98**

Drilled 7-7/8" hole w/Union, Rig #17 from 3517' - 5500'.

Log well. Run DIGL/GR/DSN/SDL/CAL. Log TD @ 5504'. Run 129 jts 15.5# J-55 8rd 5-1/2" csg to 5452' & 2' shoe & float & 21' landing jt 5475'. Set @ 5469'. Circ csg. Cmt csg w/275 sx Hibond 65 Modified & 3% salt, .3% Ex - 1 & 10% gel & 2% microbond, 1#/sk granulite, 3#/sk comp silica. Mixed @ 11#, yield 3.00 cf/sk. Tailed w/230 sx Thixotropic & 10% Calseal @ 14.2# yield 1.59. Displace w/132 BW. Pmp plug w/1600#, float OK. 20 bbl dye to sfc, no cmt. Set slips 90,000#. Release rig @ 1:30 pm, 3/14/98. RDMOL.



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

Signed Shannon Smith Title Engineering Secretary Date 3/19/98

(This space for Federal or State office use)

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

Conditions of approval, if any:  
**CC: UTAH DOGM**

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

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No. <b>U-74805</b>
6. If Indian, Allottee or Tribe Name <b>NA</b>
7. If Unit or CA, Agreement Designation <b>NA</b>
8. Well Name and No. <b>S. PLEASANT VALLEY 6-15-9-17</b>
9. API Well No. <b>43-013-32019</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.  
**410 17TH STREET, SUITE 700, DENVER, COLORADO 80202 (303) 893-0102**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**2011 FNL 1976 FWL                      SE/NW Section 15, T09S R17E**

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

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

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

**WEEKLY STATUS REPORT FOR THE PERIOD OF 3/26/98 - 4/1/98**

Perf A sds @ 4865-73' & 4876-88'.  
Swab well. Trip production tbq.

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

Signed Shannon Smith Title Engineering Secretary Date 4/2/98

(This space for Federal or State office use)

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

Conditions of approval, if any:

**CC: UTAH DOGM**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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**U-74805**

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**S. PLEASANT VALLEY 6-15-9-17**

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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.  
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4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
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**WEEKLY STATUS REPORT FOR THE PERIOD OF 3/19/98 - 3/25/98**

Perf CP sds @ 5273-80', 5299-5309' & 5316-20'.

14. I hereby certify that the foregoing is true and correct  
Signed Shawwen Smith Title Engineering Secretary Date 3/26/98

(This space for Federal or State office use)

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

Conditions of approval, if any:

**CC: UTAH DOGM**

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

FORM APPROVED  
Budget Bureau No. 1004-0135  
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**SUBMIT IN TRIPLICATE**

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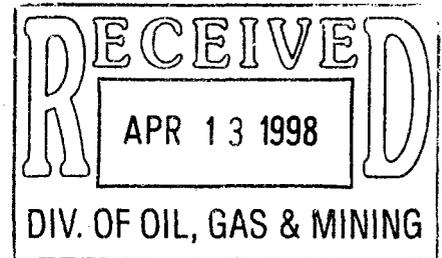
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	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

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

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

**WEEKLY STATUS REPORT FOR THE PERIOD OF 4/2/98 - 4/8/98**

PLACE WELL ON PRODUCITON @ 1:30 PM, 4/1/98.



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

Signed Shawna Smith Title Engineering Secretary Date 4/9/98

(This space for Federal or State office use)

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

Conditions of approval, if any:

**CC: UTAH DOGM**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other instructions on reverse side)

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

5. LEASE DESIGNATION AND SERIAL NO.

U-74805

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

S. Pleasant Valley

9. WELL NO.

#6-15

10. FIELD AND POOL, OR WILDCAT

Monument Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 15, T9S, R17E

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

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

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. REVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR

Inland Production Company

3. ADDRESS OF OPERATOR

P.O. Box 790233 Vernal, UT 84079 (434) 789-1866

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

At surface SE/NW

At top prod. interval reported below 2011' FNL & 1976' FWL

At total depth

14. PERMIT NO. 43-013-32019  
DATE ISSUED 2/10/98

15. DATE SPUNDED 3/7/98  
16. DATE T.D. REACHED 3/13/98  
17. DATE COMPL. (Ready to prod.) 4/1/98  
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5209' GR  
19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5500'  
21. PLUG, BACK T.D., MD & TVD 5422'  
22. IF MULTIPLE COMPLETIONS, HOW MANY? \_\_\_\_\_  
23. IF TESTS DRILLED BY ROTARY TOOLS \_\_\_\_\_  
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
Green River  
Refer to Item #31

25. WAS DIRECTIONAL SURVEY MADE No  
26. TYPE ELECTRIC AND OTHER LOGS RUN DIGL/GR/DSN/SDL/CAL & CBL 6-25-98  
27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)  
DIV OF OIL, GAS & MINING

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24#	306'	12 1/4	140 sx Prem + w/ 2% CC &	2#/sk flocele
5 1/2	15.5#	5469'	7 7/8	275 sx Hibond 65 mod foll Thixo w/ 10% Calseal	owed by 230 sx

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	EOT @ 5374'	TA @ 5245'

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	SIZE	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
CP 5273'-80', 5299'-5309', 5316'-20'		Refer to Item #37	
A 4865'-73', 4876'-88'			

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
4/1/98		Pumping 2 1/2" X 1 1/2" X 15 1/2' RHAC pump				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10 Day Avg	4/98	N/A	→	107	36	1	.336
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 Cheryl Cameron TITLE Regulatory Specialist DATE 6/4/98

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

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

38.

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Garden Gulch	3428'		Item #32			
Garden Gulch 2	3730'					
Point 3	3974'		Perf CP sd 5273'-80', 5299'-5309', 5316'-20'			
X Marker	4225'					
Y Marker	4262'		Pumped 3000 gal pad			
Douglas Creek	4375'		1000 gals w/ 1-6 ppg 20/40 sd			
Bi-Carb	4626'		2131 gals w/ 6-8 ppg 20/40 sd			
B-Lime	4748'					
Castle Peak	5203'		Perf A sd 4865'-73', 4876'-88'			
Basal Carb	NDE		Frac w/ 123,300# 20/40 sd in 575 bbls Delta Frac			

**LONE TREE UNIT WELL LISTING**

AS OF 7/13/98

T. 9S, R. 17E

SEC.	FIELD	WELL NAME	STATUS	API NUMBER	
22	LONE TREE UNIT	SOUTH PLEASANT VALLEY #4-22	PROD	4301331522	11813
21	LONE TREE UNIT	SOUTH PLEASANT VALLEY #1-21	PROD	4301331562	11870
22	LONE TREE UNIT	S. PLEASANT VALLEY FED 3-22-9-17	PROD	4301332024	12332
20	LONE TREE UNIT	SOUTH PLEASANT VALLEY #2-20	PROD	4301331737	12047
15	LONE TREE UNIT	PLSNT VLY #21-15H	PROD	4301332064	6145
15	LONE TREE UNIT	PLSNT VLY FED #14-15H	PROD	4301331695	12101
15	LONE TREE UNIT	PLSNT VLY FED #13-15H	PROD	4301331698	12100
15	LONE TREE UNIT	S. PLEASANT VALLEY FED 4-15-9-17	PROD	4301332018	12317
15	LONE TREE UNIT	S. PLEASANT VALLEY 5-15	PROD	4301331810	12311
*15	LONE TREE UNIT	S. PLEASANT VALLEY 6-15-9-17	PROD	4301332019	12319
15	LONE TREE UNIT	S. PLEASANT VALLEY 11-15	PROD	4301331991	12301
15	LONE TREE UNIT	S. PLEASANT VALLEY 15-15	PROD	4301331992	12303
15	LONE TREE UNIT	PLSNT VLY #24-15H	PROD	4301332081	6150
15	LONE TREE UNIT	S. PLEASANT VALLEY 7-16-9-17	PROD	4301332050	12356
15	LONE TREE UNIT	S. PLEASANT VALLEY 10-15	PROD	4301332022	12315
22	LONE TREE UNIT	S. PLEASANT VALLEY 2-22-9-17	PROD	4301332023	12326
16	LONE TREE UNIT	K JORGENSON ST 16-4	SI	4301332057	1452
16	LONE TREE UNIT	STATE #16-2	SI	4301330552	1451

LONE TREE (GR) UNIT ENTITY 12417 EFF 7-1-98.



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-74805**

6. If Indian, Allottee or Tribe Name  
**NA**

7. If Unit or CA, Agreement Designation  
**NA**

8. Well Name and No.  
**S. PLEASANT VALLEY 6-15-9-17**

9. API Well No.  
**43-013-32019**

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.  
**P.O. BOX 790233 VERNAL, UT 84079 (435) 789-1866**

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)  
**2011 FNL 1976 FWL                      SE/NW Section 15, T09S R17E**

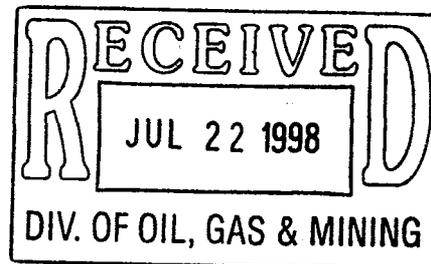
12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

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 <b>Reclamation</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.)\*

The location reclamation and recontouring have been completed in accordance with the Surface Use Program on 6/10/98, per BLM specifications. The reserve pit has been backfilled and the topsoil has been spread over the reserve pit, and the seeding has been conducted on the reserve pit and the topsoil stockpile. All construction and restoration operations have been completed.



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

Signed *Cheryl Cameron* Title Regulatory Compliance Date 7/15/98  
Cheryl Cameron

(This space for Federal or State office use)

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

Conditions of approval, if any:  
**CC: UTAH DOGM**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

5. Lease Designation and Serial No.

**U-74805**

6. If Indian, Allottee or Tribe Name

**NA**

7. If Unit or CA, Agreement Designation

**NA**

8. Well Name and No.

**S. PLEASANT VALLEY 6-15-9-17**

9. API Well No.

**43-013-32019**

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.

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

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

**2011 FNL 1976 FWL SE/NW Section 15, T09S R17E**

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

TYPE OF SUBMISSION

TYPE OF ACTION

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

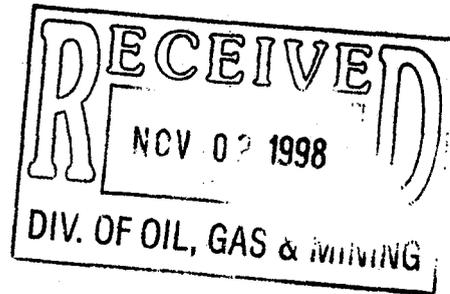
<input type="checkbox"/> Abandonment
<input type="checkbox"/> Recompletion
<input type="checkbox"/> Plugging Back
<input type="checkbox"/> Casing Repair
<input type="checkbox"/> Altering Casing
<input checked="" type="checkbox"/> Other <b>Site Security</b>

<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 direction-ally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Attached please find the site security diagram for the above referenced well.



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

Signed

*Rebbie E. Knight*

Title

**Manager, Regulatory Compliance**

Date

**10/28/98**

(This space for Federal or State office use)

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

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any:

**CC: UTAH DOGM**

# Inland Production Company Site Facility Diagram

S Pleasant Valley 6-15  
SE/NW Sec. 15, T9S, 17E  
Duchesne County  
May 12, 1998

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

**Production Phase:**

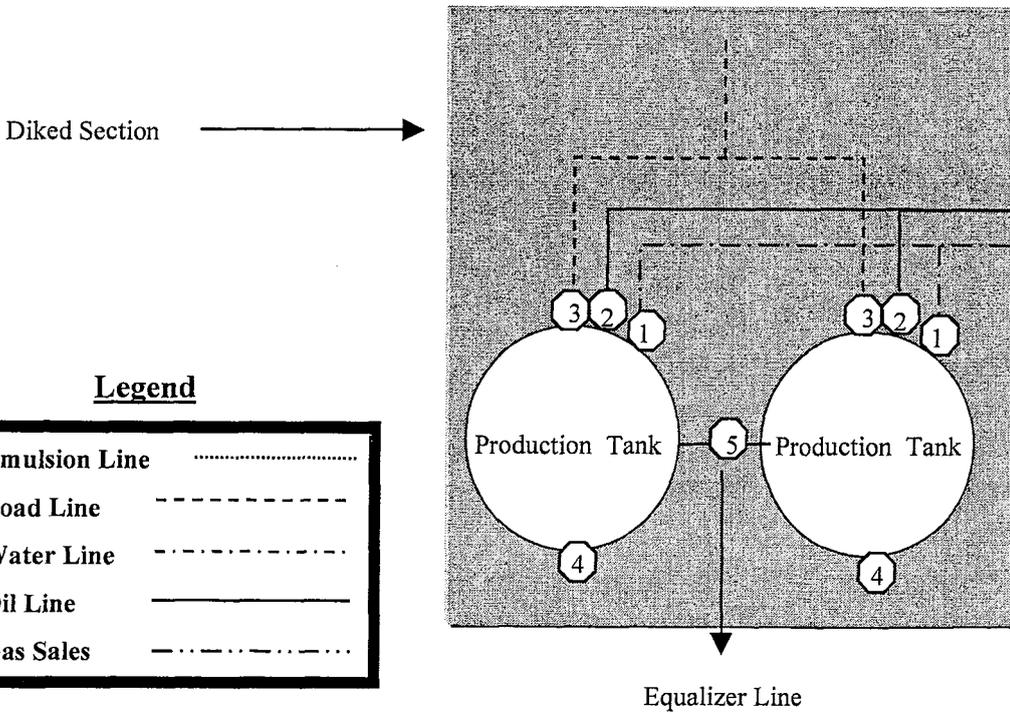
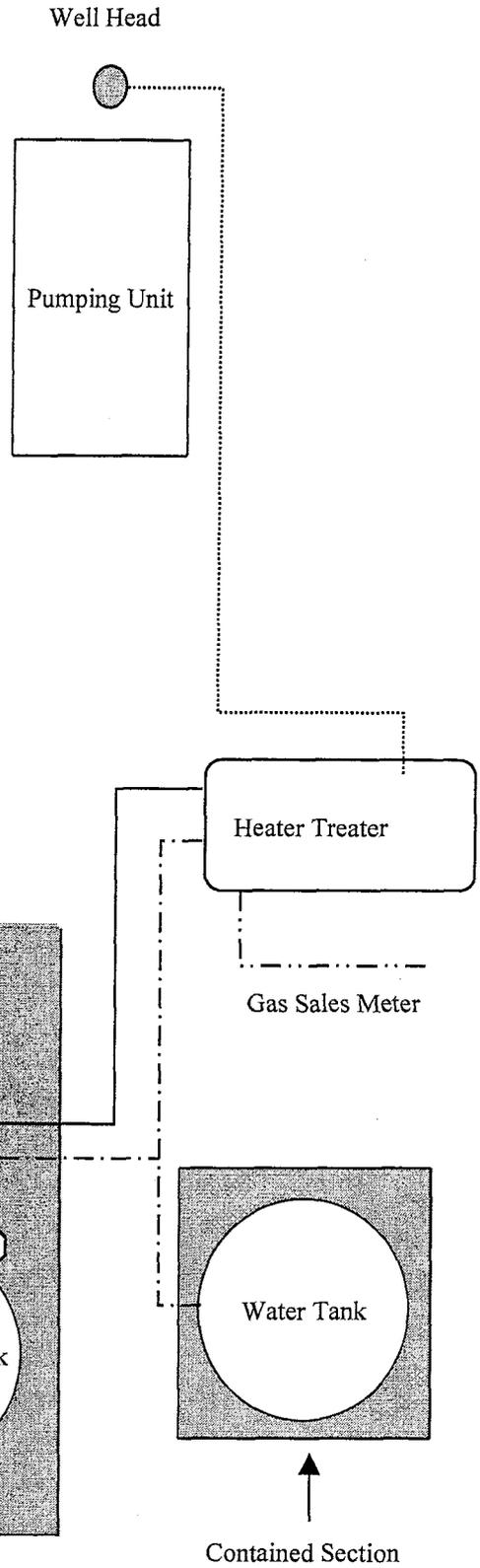
- 1) Valves 1, 3, 4 sealed closed
- 2) Valves 2 and 5 sealed open

**Sales Phase:**

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

**Draining Phase:**

- 1) Valve 1 open



**Legend**

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



## 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



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-924)

September 16, 2004

### Memorandum

To: Vernal Field Office

From: Acting Chief, Branch of Fluid Minerals

Subject: Merger Approval

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

Michael Coulthard  
Acting Chief, Branch of  
Fluid Minerals

### Enclosure

1. State of Texas Certificate of Registration

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

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

**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

**X Operator Name Change**

**Merger**

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

**CA No. Unit: LONE TREE (GREEN RIVER)**

<b>WELL(S)</b>								
NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
FED NGC 21-15	15	090S	170E	4301330614	12417	Federal	WI	A
NGC 24-15H FED	15	090S	170E	4301330681	12417	Federal	OW	P
FEDERAL 14-15H	15	090S	170E	4301331695	12417	Federal	WI	A
FEDERAL 13-15H	15	090S	170E	4301331698	12417	Federal	OW	P
S PLEASANT VALLEY 5-15-9-17	15	090S	170E	4301331886	12417	Federal	WI	A
S PLEASANT VALLEY 11-15-9-17	15	090S	170E	4301331991	12417	Federal	WI	A
S PLEASANT VALLEY 15-15-9-17	15	090S	170E	4301331992	12417	Federal	WI	A
S PLEASANT VALLEY FED 4-15-9-17	15	090S	170E	4301332018	12417	Federal	OW	P
S PLEASANT VALLEY FED 6-15-9-17	15	090S	170E	4301332019	12417	Federal	OW	P
S PLEASANT VALLEY FED 7-15-9-17	15	090S	170E	4301332020	12417	Federal	WI	A
S PLEASANT VALLEY FED 10-15-9-17	15	090S	170E	4301332022	12417	Federal	OW	P
STATE 16-2	16	090S	170E	4301330552	12417	State	OW	TA
K JORGENSON ST 16-4	16	090S	170E	4301330572	12417	State	WI	A
LONE TREE 10-16-9-17	16	090S	170E	4301332087	12417	State	OW	P
LONE TREE 15-16-9-17	16	090S	170E	4301332089	12417	State	OW	P
LONE TREE 16-16-9-17	16	090S	170E	4301332150	12417	State	OW	P
S PLEASANT VALLEY FED 2-20	20	090S	170E	4301331737	12417	Federal	OW	P
S PLEASANT VALLEY FED 1-21	21	090S	170E	4301331563	12417	Federal	WI	A
S PLEASANT VALLEY FED 4-22	22	090S	170E	4301331522	12417	Federal	OW	P
S PLEASANT VALLEY FED 2-22-9-17	22	090S	170E	4301332023	12417	Federal	OW	P
S PLEASANT VALLEY FED 3-22-9-17	22	090S	170E	4301332024	12417	Federal	WI	A

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

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

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

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

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

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

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

**DATA ENTRY:**

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

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

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

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

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

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

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

**LEASE INTEREST OWNER NOTIFICATION:**

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

**COMMENTS:**

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



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 8  
1595 Wynkoop Street  
DENVER, CO 80202-1129  
Phone 800-227-8917  
<http://www.epa.gov/region08>

Ref: 8P-W-GW

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

SEP 22 2009

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

RE: Additional Well Lone Tree Unit Permit  
UIC Permit No. UT20853-00000  
Well ID: UT20853-08469  
South Pleasant Valley 6-15-9-17  
2011' FNL & 1976' FWL  
SE NW Sec. 15-T9S-R17E  
Duchesne County, Utah  
API # 43-013-32019

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

Dear Mr. Sundberg:

The Newfield Production Company's request to convert the former Green River Formation oil well South Pleasant Valley 6-15-9-17 to an enhanced recovery injection well in the Lone Tree Unit Area Permit is hereby authorized by the Environmental Protection Agency (EPA) 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 Lone Tree Unit Area, Permit No. UT20853-00000, 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 3,433 feet and the estimated top of the Wasatch Formation at 5,804 feet.

RECEIVED

SEP 29 2009

DIV. OF OIL, GAS & MINING

Prior to receiving authorization to inject, the EPA requires that Newfield submit for review and approval: (1) the results of a Part 1 (Internal) Mechanical Integrity Test (MIT), (2) a pore pressure calculation of the injection interval, (3) a complete EPA Form No. 7520-12 (Well Rework Record) with a new schematic diagram, and (4) the results of a radioactive tracer survey within a 180-day authorization to inject.

The initial Maximum Allowable Injection Pressure (MAIP) for the South Pleasant Valley 6-15-9-17 was determined to be 1,315 psig. UIC Area Permit UT20853-00000 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 Mr. Bob Near at (303) 312-6278 or 1-(800)-227-8917 (Ext. 312-6278). Please submit the required data to ATTENTION: Bob Near, at the letterhead address, citing MAIL CODE: 8P-W-GW very prominently.

Sincerely,



*ST* Stephen S. Tubert  
Assistant Regional Administrator  
Office of Partnerships and Regulatory Assistance

Enclosures: Authorization For Conversion of An Additional Well  
EPA Form No. 7520-12 (Well Rework Record).  
Proposed Wellbore and P&A Wellbore Schematics for South Pleasant Valley  
6-15-9-17.

cc: Letter Only

Curtis Cesspooch, Chairman  
Uintah & Ouray Business Committee  
Ute Indian Tribe

Irene Cuch, Vice Chairwoman  
Uintah & Ouray Business Committee  
Ute Indian Tribe

Ronald Groves, Councilman  
Uintah & Ouray Business Committee  
Ute Indian Tribe

Steven Cesspooch, Councilman  
Uintah & Ouray Business Committee  
Ute Indian Tribe

Phillip Chimburas, Councilman  
Uintah & Ouray Business Committee  
Ute Indian Tribe

Frances Poowegup, Councilwoman  
Uintah & Ouray Business Committee  
Ute Indian Tribe

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

All enclosures:

Ferron Secakuku, Director  
Natural Resources  
Ute Indian Tribe

Larry Love, Director  
Energy and Minerals Department  
Ute Indian Tribe

Michael Guinn, District Manager  
Newfield Production Company  
Myton, Utah

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

Fluid Minerals Engineering Office  
U.S. Bureau of Land Management  
Vernal Office



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: UT20853-00000

The Lone Tree Unit Final UIC Area Permit No.UT20853-00000, effective September 1, 1998, authorizes injection for the purpose of enhanced oil recovery into multiple lenticular sand units which are distributed throughout the lower portion of the Green River Formation. On June 24, 2009, the Permittee provided notice to the Director concerning the following additional enhanced recovery injection well:

Well Name: South Pleasant Valley 6-15-9-17
EPA Well ID Number: UT20853-08469
Location: 2011'FNL & 1976'FWL
SE NW Sec. 15-T9S-R17E
Duchesne County, Utah.
API # 43-013-32019

Pursuant to 40 CFR §144.33, Area UIC Permit No. UT20853-00000 authorizes the Permittee to construct and operate, 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. UT20853-00000, as modified and as specified in the 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: \_\_\_\_\_

[Signature]
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 6-15-9-17  
EPA Well ID Number: UT 20853-08469

### **For well conversion, Operator must submit:**

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

Once these records are received and approved by EPA, the director will provide written authorization to inject for a limited period of 180 days, during which time a Radioactive Tracer Survey (RTS) is required. The RTS will supplement the cementing records, which show an insufficient interval of 80 percent cement bond index or greater through the confining zone, by demonstrating the presence or absence of adequate cement to prevent fluid movement behind the casing above the uppermost perforation. It is intended that a maximum of 180 days of injection will allow the injection zone to achieve the Maximum Allowable Injection Pressure (MAIP) for the purpose of executing the RTS. If 180 days is not sufficient to achieve the MAIP specified in the permit, an extension of the period of Limited Authorization to Inject may be requested.

A successful RTS will be considered a valid confirmation that cementing records show adequate cement to prevent the upward migration of injection fluids from the injection zone at injection pressures up to the MAIP, until one of the following events occurs, at which time a subsequent RTS is required:

- a) If the submitted RTS is determined to be inconclusive or inadequate by EPA
- b) If the MAIP of the injection well is exceeded for any reason (*It is a violation to exceed the MAIP without prior EPA approval*)
- c) If new injection perforations are added to the injection well, either through the creation of new perforations or the adjustment of the packer depth to inject into a set of existing perforations that were previously inactive
- d) If the injection formation is acid-treated, hydraulically stimulated, or stimulated by any other method through the injection well which may affect the cement integrity of the well
- e) If the Director requests that a RTS be run for any reason

A submitted RTS which indicates the movement of fluid behind casing out of the injection zone will result in a requirement to demonstrate Part II Mechanical Integrity using an approved Part II demonstration method such as a temperature log, oxygen activation log, or noise log at a frequency no less than once every five years.

**Approved Injection Zone:** The approved Injection interval is from the top of the Garden Gulch Member [3,433' (KB)] to the estimated top of the Wasatch Formation [5,804' (KB)].

**Maximum Allowable Injection Pressure (MAIP):** The initial MAIP is **1,315 psig**, based on the following calculation:

$$\begin{aligned} \text{MAIP} &= [\text{FG} - (0.433)(\text{SG})] * \text{D}, \text{ where} \\ \text{FG} &= 0.71 \text{ psi/foot} \quad \text{SG} = 1.015 \quad \text{D} = \underline{\mathbf{4,865 \text{ feet}}} \text{ (top perforation depth KB)} \\ \text{MAIP} &= \underline{\mathbf{1,315 \text{ psig}}} \end{aligned}$$

UIC Area Permit No. UT20853-00000 also provides the opportunity for the Permittee to request a change of the MAIP based upon results of a step rate test 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). The cement record and cement bond log (CBL) were evaluated and failed to demonstrate the presence of adequate cement to prevent the possible migration of injection fluids from behind the casing from the injection zone.

**Well Construction: Tubing and Packer:** 2-7/8" 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.
- (2) Because the cementing records have not satisfactorily demonstrated the presence of adequate cement, in the Confining Zone (3,350-3,433'), to prevent migration of injection fluid behind the casing from the injection zone, a RTS above the injection zone is required to confirm the presence of adequate cement. If the RTS is not run, or if the RTS does not confirm adequate cement, the Permittee shall demonstrate Part II (External) Mechanical Integrity pursuant to 40 CFR § 146.8(a)(2) using an approved test method such as temperature log, noise log, or oxygen activation log, and the demonstration of Part II Mechanical Integrity shall be repeated no less than every five years after the last successful test.

**Demonstration of Financial Responsibility:** The permittee has demonstrated financial responsibility by an annual Financial Statement with a Plugging and Abandonment estimated cost of \$59,344 that has been approved by EPA. The Director may revise the amount required, and may require the permittee to obtain and provide updated estimates 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 9.6 lb/gal shall be placed between all plugs. A minimum 50 ft. surface plug shall be set inside and outside of the surface casing to seal pathways for fluid migration into the subsurface. 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 20 foot cement plug on top of the CIBP.

PLUG NO. 2: Perforate and Squeeze a cement plug on the backside of the 5-1/2" casing across the Trona and the Mahogany Bench zone between approximately 2,567' (KB) to 2,737' (KB) unless pre-existing backside cement precludes cement-squeezing this interval. Set a minimum 170 foot balanced cement plug inside the 5-1/2" casing from approximately 2,567' (KB) to 2,737' (KB).

PLUG NO. 3: Perforate and Squeeze a cement plug on the backside of the 5-1/2" casing across the top of the Green River Formation between approximately 1,155' (KB) and 1,275' (KB) unless pre-existing backside cement precludes cement-squeezing this interval. Set a minimum 120 foot plug inside the 5-1/2" casing from approximately 1,155' (KB) to 1,275' (KB).

PLUG NO. 4: Set a Class "G" cement plug within the 5-1/2" casing from 356' and up the 5 1/2" X 8-5/8" casing annulus to the surface.

Cut off surface and 5-1/2" casing at least 4 ft below ground level and set P&A marker; submit Sundry Notices and all necessary data as required by the EPA and other regulatory agencies.

## **INJECTION WELL-SPECIFIC CONSIDERATIONS**

Well Name: **South Pleasant Valley 6-15-9-17**

EPA Well ID Number: **UT 20853-08469**

**Underground Sources of Drinking Water (USDWs):** USDWs in the Beluga Unit 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 at approximately 311 feet below ground surface in the South Pleasant Valley 6-15-9-17.

**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 Douglas Creek Member – Green River Formation Water: 26,037 mg/l.

- TDS of Sanwash Injection Facility System source water: 3,078 mg/l.

The **injectate** is water from the Beluga Facility Injection System blended with produced Green River Formation Water resulting in TDS < 10,000 mg/l.

**Aquifer Exemption:** An Aquifer Exemption is not required because the TDS of the produced water from the proposed injection well is greater than 10,000 mg/l.

**Confining Zone:** The Confining Zone is the established zone (3,350-3,433') above the Garden Gulch Member of the Green River Formation, with no 80%, or greater, cement bond.

**Injection Zone:** The Injection Zone is approximately 2,371' of multiple lenticular sand units interbedded with shale, marlstone and limestone from the top of the Garden Gulch Member at 3,433' to the estimated top of the Wasatch Formation at 5,804'. All formation tops are based on correlations to the Newfield Production Federal #1-26-8-17 (UT20702-04671) type log.

**Well Construction:**

**Surface Casing:** 8-5/8" casing is set at 306' (KB) in a 12-1/4" hole, using 140 sacks Class G cement, circulated to the surface.

**Longstring Casing:** 5-1/2" casing is set at 5,469' (KB) in a 7-7/8" hole secured with 505 sacks of 50-50 POZ cement. Total driller depth is 5,469'. Plugged back total depth is 5,422'. EPA calculates top of cement at 2,196. Operator top of cement is 1,100'.

**Perforations:** Top perforation: **4,865** (KB)                      Bottom perforation: **5,320** (KB)

**AREA OF REVIEW (AOR) WELL REQUIREMENTS**

The following six (6) wells that penetrate the Confining Zone within or proximate to a ¼ mile radius around the South Pleasant Valley 6-15-9-17 well were evaluated to determine if any corrective action is necessary to prevent fluid movement into USDWs.

Well: Pleasant Valley 21-15H-9-17	API: 43-013-30614	NE NW	Sec. 15-T9S-R17E
Well: S. Pleasant Valley 5-15	API: 43-013-31886	SW NW	Sec. 15-T9S-R17E
Well: S. Pleasant Valley 7-15-9-17	API: 43-013-32020	SW NE	Sec. 15-T9S-R17E

*Authorization for Additional Well: UIC Area Permit UT20853-00000  
Well: South Pleasant Valley 6-15-9-17 EPA Well ID: UT20853-08469*

Well: Lone Tree Fed. N-15-9-17	API: 43-013-33933	NW SW Sec.15-T9S-R17E
Well: Federal 13-15H-9-17	API: 43-013-31698	NW SW Sec.15-T9S-R17E
Well: S. Pleasant Valley 11-15-9-17	API: 43-013-31991	NE SW Sec.15-T9S-R17E

**Corrective Action NOT REQUIRED on two AOR Wells:**

Well: Pleasant Valley 21-15H-9-17	API: 43-013-30614	NE NW Sec.15-T9S-R17E TOC 1,452' CBL.
Well: Lone Tree Fed. N-15-9-17	API: 43-013-33933	NW SW Sec.15-T9S-R17E TOC 110' CBL

**Corrective Action REQUIRED on four AOR Wells:**

Well: S. Pleasant Valley 5-15	API: 43-013-31886	SW NW Sec.15-T9S-R17E TOC ?
Well: S. Pleasant Valley 7-15-9-17	API: 43-013-32020	SW NE Sec. 15-T9S-R17E TOC 114'
Well: Federal 13-15H-9-17	API: 43-013-31698	NW SW Sec. 15-T9S-R17E TOC 709'
Well: S. Pleasant Valley 11-15-9-17	API: 43-013-31991	NE SW Sec. 15-T9S-R17E TOC 142'

**AOR Well Corrective Action Plan:**

The S. Pleasant Valley 5-15, 7-15-9-17, 11-15-9-17 and the Federal 13-15H-9-17 will be monitored weekly at the surface for evidence of fluid movement out of the injection zone.

In addition, Newfield developed a corrective action monitoring program, effective July 10, 2008, entitled "Procedure related to proposed Class II Enhanced Oil Recovery Injection Wells determined by the EPA to have specific Area of Review (AOR) wells with inadequate cement across the Confining Zone."

If possible fluid movement out of the Injection Zone is identified, either through the weekly monitoring, through Newfield's July 10, 2008 procedure, described above, or through any other means, (for example, evidence of fluid flow or increased bradenhead annulus pressure readings, the Permittee will shut in the South Pleasant Valley 6-15-9-17 well immediately and notify the Director. No injection into the South Pleasant Valley 6-15-9-17 well will be permitted until the Permittee has notified the Director that the situation has been resolved, submitted Rework Records (EPA Form No. 7520-12) and a schematic diagram, and received authorization from the Director to re-commence injection.

*Authorization for Additional Well: UIC Area Permit UT20853-00000  
Well: South Pleasant Valley 6-15-9-17 EPA Well ID: UT20853-08469*

**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:**

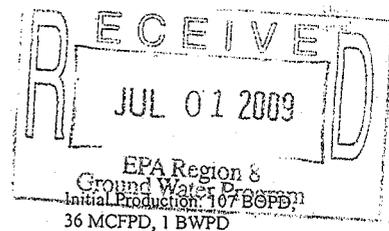
The operator shall comply with all other reporting requirements related to oil spills and chemical releases or other potential impacts to human health or the environment by contacting the **National Response Center (NRC) 1-(800)-424-8802 or 1-(202)-267-2675**, or through the **NRC website at <http://www.nrc.uscg.mil/index.htm>**.

**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.



# South Pleasant Valley 6-15-9-17

Spud Date: 3/7/98  
 Put on Production: 4/1/98  
 GL: 5211' KB: 5226'

## Proposed Injection Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55 ST&C  
 WEIGHT: 24#  
 LENGTH: 7 jts. (291')  
 DEPTH LANDED: 306'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 140 sxs Premium Plus w/2% CC & 1/2#/sx flocele

Base USDW 311'

### PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55 LT&C  
 WEIGHT: 15.5#  
 LENGTH: 129 jts. (5475')  
 DEPTH LANDED: 5469'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 275 sxs Hibond 65 Modified tail w/ 230 sxs Thixotropic & 10% Calseal  
 CEMENT TOP AT: 1100'

TOC/EPA 2196'

No 80% Cement Bond

### FRAC JOB

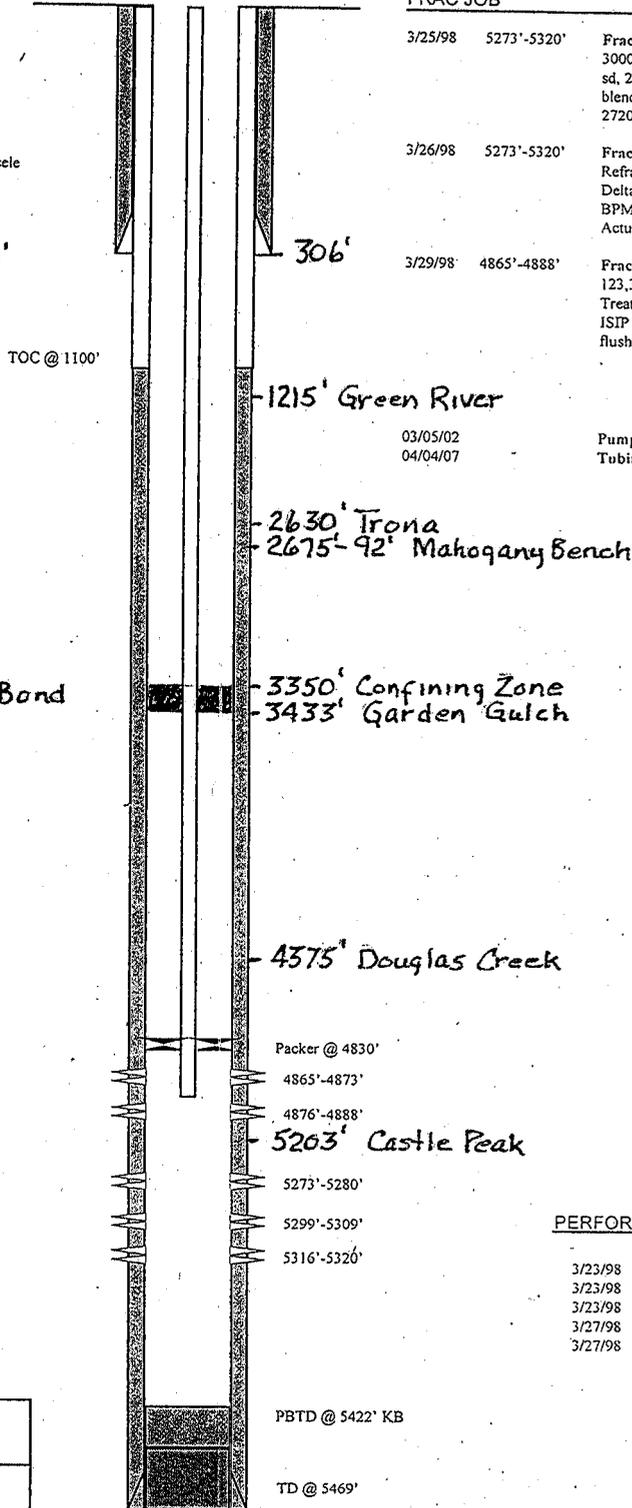
3/25/98 5273'-5320' Frac CP sands as follows:  
 3000 gal pad. 1000 gals w/1-6 ppg 20/40 sd, 2131 gals w/6-8 ppg 20/40 sd. Pre-gel blender broke down. Perfs broke down @ 2720 psi.

3/26/98 5273'-5320' Frac CP sands as follows:  
 Refrac w/120,300# 20/40 sand in 580 bbl Delta frac. Treated @ avg 1520 psi and 30 BPM. ISIP 1616. Calc. flush: 5273 gal. Actual flush: 5194 gal.

3/29/98 4865'-4888' Frac A sands as follows:  
 123,300# sand in 575 bbl Delta Frac. Treated @ avg 1325 psi and 27.9 BPM. ISIP 1691. Calc. flush: 4865 gal. Actual flush: 4775 gal.

03/05/02  
 04/04/07

Pump change: Update rod and tubing detail  
 Tubing Leak: Updated rod and tubing detail.



### PERFORATION RECORD

Date	Depth Range	SPF	Holes
3/23/98	5273'-5280'	4 SPF	28 holes
3/23/98	5299'-5309'	4 SPF	40 holes
3/23/98	5316'-5320'	4 SPF	16 holes
3/27/98	4865'-4873'	4 SPF	32 holes
3/27/98	4876'-4888'	4 SPF	48 holes

**NEWFIELD**

---

South Pleasant Valley 6-15-9-17  
 2011' FNL & 1976' FWL  
 SE/NW Section 15-T9S-R17E  
 Duchesne Co, Utah  
 API #43-013-32019; Lease #UTU-74805

Est. Basal Carb. 5679'  
 Est. Wasatch 5804'

South Pleasant Valley 6-15-9-17

Spud Date: 3/7/98  
 Put on Production: 4/1/98  
 GL: 5211' KB: 5226'

Initial Production: 107 BOPD,  
 36 MCFPD, 1 BWPD

Proposed P & A  
 Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"  
 GRADE: J-55 ST&C  
 WEIGHT: 24#  
 LENGTH: 7 jts. (291')  
 DEPTH LANDED: 306'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 140 sxs Premium Plus w/2% CC & 1/2#/sx floccle

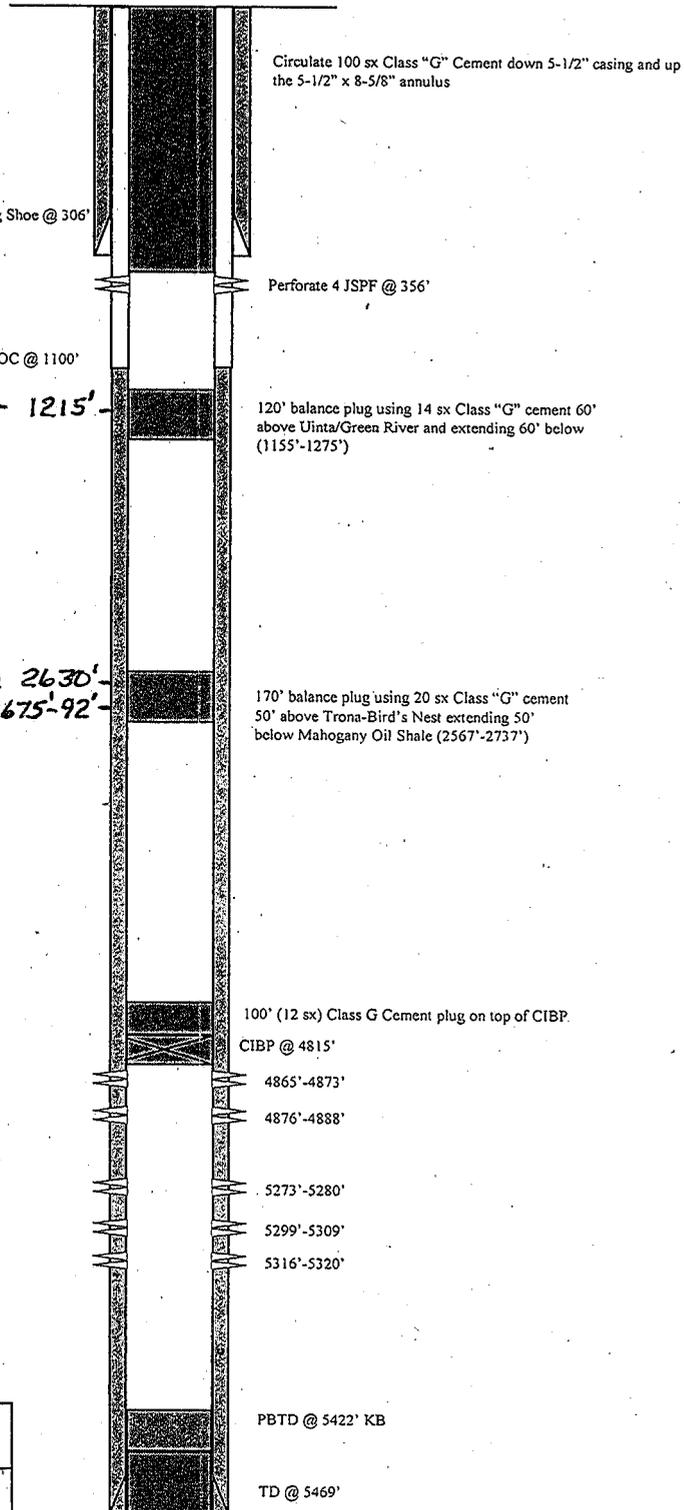
Base USDW 311'

PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55 LT&C  
 WEIGHT: 15.5#  
 LENGTH: 129 jts. (5475')  
 DEPTH LANDED: 5469'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 275 sxs Hibond 65 Modified tail w/ 230 sxs  
 Thixotropic & 10% Calseal  
 CEMENT TOP AT: 1100'

Green River 1215'

Trona 2630'  
 Mahogany Bench 2675'-92'



Circulate 100 sx Class "G" Cement down 5-1/2" casing and up the 5-1/2" x 8-5/8" annulus

Perforate 4 JSPF @ 356'

120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below (1155'-1275')

170' balance plug using 20 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below Mahogany Oil Shale (2567'-2737')

100' (12 sx) Class G Cement plug on top of CIBP

CIBP @ 4815'

4865'-4873'

4876'-4888'

5273'-5280'

5299'-5309'

5316'-5320'

PBTB @ 5422' KB

TD @ 5469'


<p>South Pleasant Valley 6-15-9-17</p> <p>2011' FNL &amp; 1976' FWL</p> <p>SE/NW Section 15-T9S-R17E</p> <p>Duchesne Co, Utah</p> <p>API #43-013-32019; Lease #UTU-74805</p>

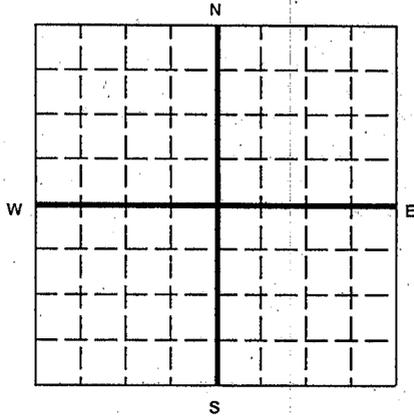


United States Environmental Protection Agency  
Washington, DC 20460

### WELL REWORK RECORD

Name and Address of Permittee	Name and Address of Contractor
<input style="width:95%" type="text"/>	<input style="width:95%" type="text"/>

Locate Well and Outline Unit on Section Plat - 640 Acres



State <input style="width:95%" type="text"/>	County <input style="width:95%" type="text"/>	Permit Number <input style="width:95%" type="text"/>
--	---	--

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.

<b>WELL ACTIVITY</b> <input type="checkbox"/> Brine Disposal <input type="checkbox"/> Enhanced Recovery <input type="checkbox"/> Hydrocarbon Storage  Lease Name <input style="width:95%" type="text"/>	Total Depth Before Rework <input style="width:95%" type="text"/> Total Depth After Rework <input style="width:95%" type="text"/> Date Rework Commenced <input style="width:95%" type="text"/> Date Rework Completed <input style="width:95%" type="text"/>	<b>TYPE OF PERMIT</b> <input type="checkbox"/> Individual <input type="checkbox"/> Area Number of Wells: <input style="width:20px" type="text"/>  Well Number <input style="width:95%" type="text"/>
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#### 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
	<input style="width:95%" type="text"/>	<input style="width:95%" type="text"/>
<input style="width:95%" type="text"/>	<input style="width:95%" type="text"/>	<input style="width:95%" type="text"/>
<input style="width:95%" type="text"/>	<input style="width:95%" type="text"/>	<input style="width:95%" type="text"/>

#### 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
<input style="width:95%" type="text"/>	<input style="width:95%" type="text"/>	<input style="width:95%" type="text"/>



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

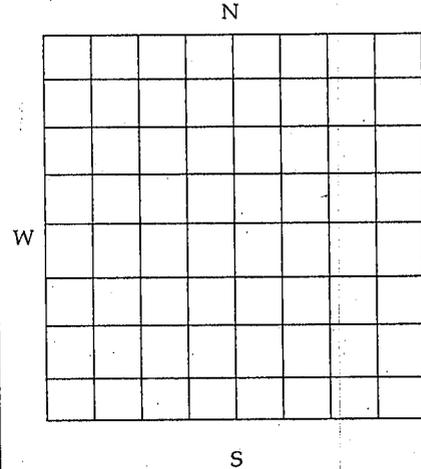
TYPE OF AUTHORIZATION

- 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 Cementer 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>

SEP 28 2009

Ref: 8P-W-GW

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

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

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

Re: Additional Well Lone Tree Unit  
UIC Permit No. UT20853-00000  
Well ID: UT20853-08469  
South Pleasant Valley 6-15-9-17  
2011'FNL & 1976 FWL  
SW NW Sec. 15-~~7~~9S-R17E  
Duchesne County, Utah  
API #43-013-32019

Dear Mr. Sundberg,

I am sending you an update of the dated AUTHORIZATION FOR ADDITIONAL WELL for the well referenced above. Please add it to your file. If you have any questions I can be reached at (303)- 312-6567.

Thank you.

Nadine Carlile  
Administrative Assistant

cc: Ferron Secakuku  
Larry Love  
Michael Guinn  
Gilbert Hunt  
Fluid Minerals Engineering Office

**RECEIVED**  
**OCT 08 2009**  
DIV. OF OIL, GAS & MINING



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: UT20853-00000**

The Lone Tree Unit Final UIC Area Permit No. UT20853-00000, effective September 1, 1998, authorizes injection for the purpose of enhanced oil recovery into multiple lenticular sand units which are distributed throughout the lower portion of the Green River Formation. On June 24, 2009, the Permittee provided notice to the Director concerning the following additional enhanced recovery injection well:

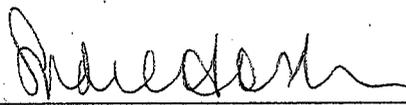
Well Name:	South Pleasant Valley 6-15-9-17
EPA Well ID Number:	UT20853-08469
Location:	2011'FNL & 1976'FWL SE NW Sec. 15-T9S-R17E Duchesne County, Utah. API # 43-013-32019

Pursuant to 40 CFR §144.33, Area UIC Permit No. UT20853-00000 authorizes the Permittee to construct and operate, 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. UT20853-00000, as modified and as specified in the 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*

Authorization for Additional Well: UIC Area Permit UT20853-00000  
Well: South Pleasant Valley 6-15-9-17 EPA Well ID: UT20853-08469

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

5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-74805
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME: GMBU
8. WELL NAME and NUMBER: S PLEASANT VALLEY FED 6-15-9-17
9. API NUMBER: 4301332019
10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

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

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 2011 FNL 1976 FWL COUNTY: DUCHESNE  
OTR/OTR SECTION.TOWNSHIP. RANGE. MERIDIAN: SENW, 15, T9S, R17E STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 07/06/2010	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The subject well has been converted from a producing oil well to an injection well on 07/01/10.  
New interval added: 4716-4720' 3 JSPF.

On 06/30/2010 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 07/06/2010 the casing was pressured up to 1210 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 50 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT20853-08469 API# 43-013-32019

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

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

SIGNATURE  DATE 07/12/2010

(This space for State use only)

**RECEIVED**  
JUL 19 2010  
DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

**SUBMIT IN TRIPLICATE - Other Instructions on page 2**

1. Type of Well  
 Oil Well  Gas Well  Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

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

3b. Phone (include are code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2011 FNL 1976 FWL  
SENW Section 15 T9S R17E

5. Lease Serial No.

USA UTU-74805

6. If Indian, Allottee or Tribe Name.

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

GMBU

8. Well Name and No.

S PLEASANT VALLEY FED 6-15-9-17

9. API Well No.

4301332019

10. Field and Pool, or Exploratory Area

GREATER MB UNIT

11. County or Parish, State

DUCHESNE, UT

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

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

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

The subject well has been converted from a producing oil well to an injection well on 07/01/10.  
New interval added: 4716-4720' 3 JSPF.

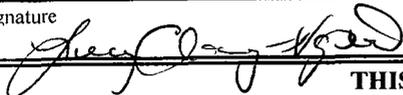
On 06/30/2010 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well. On 07/06/2010 the casing was pressured up to 1210 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 50 psig during the test. There was not an EPA representative available to witness the test.

EPA# UT20853-08469 API# 43-013-32019

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

Lucy Chavez-Nauboto

Signature



Title

Administrative Assistant

Date

07/12/2010

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

Approved by

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

Title

Office

Date

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

(Instructions on page 2)

**RECEIVED**

**JUL 19 2010**

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

# Mechanical Integrity Test

## Casing or Annulus Pressure Mechanical Integrity Test

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

EPA Witness: \_\_\_\_\_ Date: 7, 6, 2010  
 Test conducted by: James Bird  
 Others present: None

Well Name: <u>South Pleasant Valley 6-15-9-17</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument Butte</u>		
Location: <u>SE/NW</u> Sec: <u>15</u> T <u>9</u> N <u>18</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: 0 bpd

Pre-test casing/tubing annulus pressure: 0 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	50 psig	psig	psig
End of test pressure	50 psig	psig	psig
<b>CASING / TUBING ANNULUS PRESSURE</b>			
0 minutes	1210 psig	psig	psig
5 minutes	1210 psig	psig	psig
10 minutes	1210 psig	psig	psig
15 minutes	1210 psig	psig	psig
20 minutes	1210 psig	psig	psig
25 minutes	1210 psig	psig	psig
30 minutes	1210 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

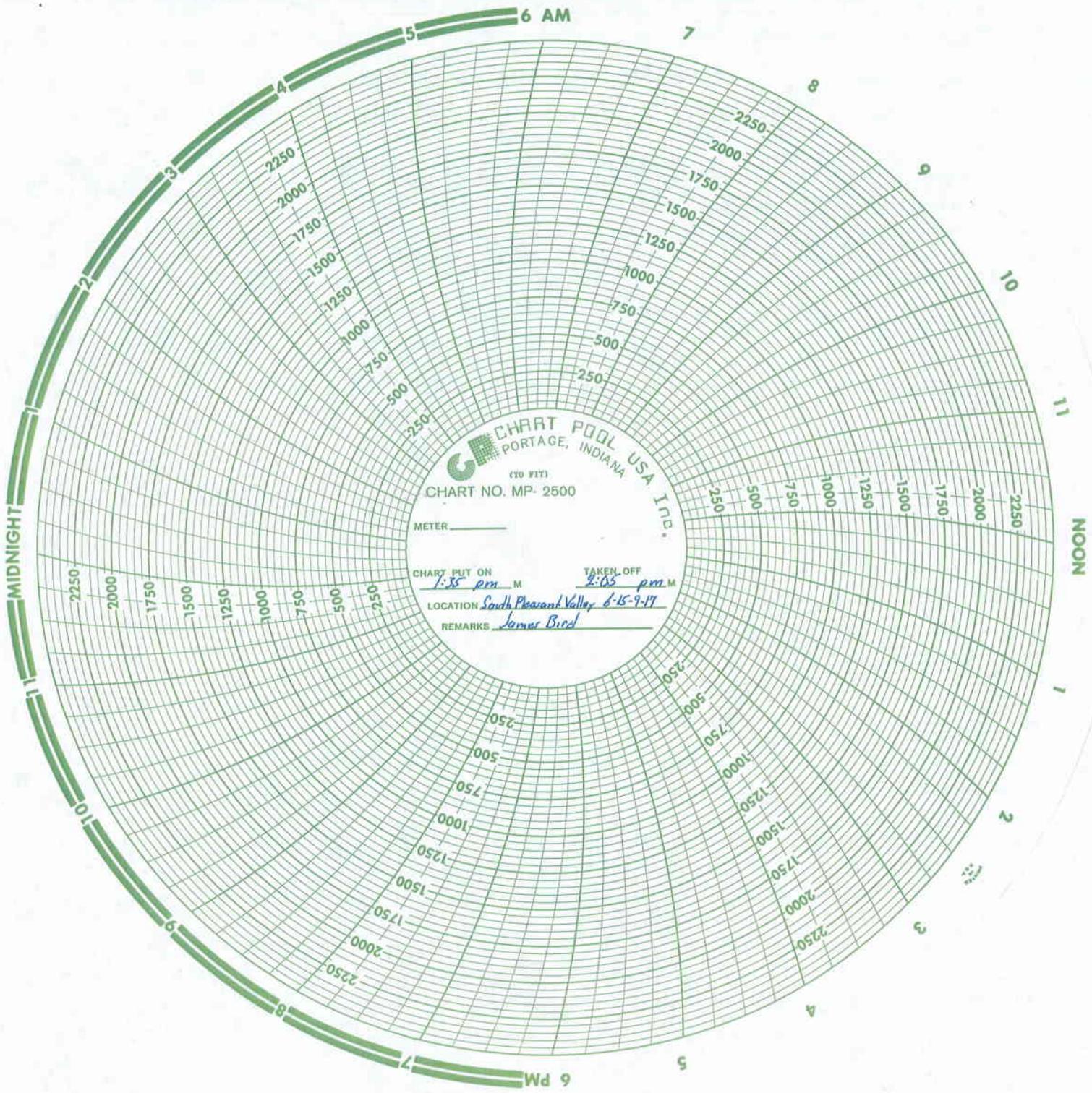
### MECHANICAL INTEGRITY PRESSURE TEST

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: James Bird

**CHART POOL USA, Inc.**  
PORTAGE, INDIANA  
(70 FT)  
CHART NO. MP- 2500  
METER \_\_\_\_\_

CHART PUT ON 1:35 pm M TAKEN OFF 2:05 pm M  
LOCATION South Pleasant Valley 6-15-9-17  
REMARKS James Bird



## Daily Activity Report

Format For Sundry

**S PLSNT VLY 6-15-9-17**

**5/1/2010 To 9/30/2010**

**6/24/2010 Day: 1**

**Conversion**

NC #2 on 6/24/2010 - MIRUSU, L/D Rods - 3:00 PM MIRUSU, OWU, R/U H/Oiler To Csg, Pmp 60 Bbls Wtr, R/D Pmp Unit, Unseat Pmp, Flush Rods W/- 40 Bbls Wtr, Reset Pmp, R/U H/Oiler To Tbg, Fill & Test To 3000 Psi, Good Test Took 10 Bbls Wtr To Fill, POOH W/- Polished Rod, 1- 8', 1- 6', 1- 4', 1- 2' x 3/4" Poy Subs, 104- 3/4" Guided Rods, 55- 3/4" Plain Rods, SWI, CSDFN @ 7:30 PM, 7:30 To 8:00 PM C/Trvl. - 3:00 PM MIRUSU, OWU, R/U H/Oiler To Csg, Pmp 60 Bbls Wtr, R/D Pmp Unit, Unseat Pmp, Flush Rods W/- 40 Bbls Wtr, Reset Pmp, R/U H/Oiler To Tbg, Fill & Test To 3000 Psi, Good Test Took 10 Bbls Wtr To Fill, POOH W/- Polished Rod, 1- 8', 1- 6', 1- 4', 1- 2' x 3/4" Poy Subs, 104- 3/4" Guided Rods, 55- 3/4" Plain Rods, SWI, CSDFN @ 7:30 PM, 7:30 To 8:00 PM C/Trvl. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$4,025

**6/28/2010 Day: 2**

**Conversion**

NC #2 on 6/28/2010 - POOH W/- Tbg, R/U Wireline, Shoot Perfs, P/U N-80 Tbg W/- Bit & Scraper - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, R/U H/Oiler To Tbg, Flush Rods W/- 20- Bbls Wtr, Finish L/D 26- 3/4" Plain Rods, 20- 3/4" Guided Rods, 6- 1 1/2" x 25' Wt Bars, Rod Pmp, X - Over For Tbg, R/D Wellhead, R/U Weatherford BOPS, Release TA, POOH W/- 155 Jts Tbg Breaking And Doping Collars, L/D 16- Jts Tbg On Float, R/U The The Perforators, RIH & Shoot B2 Perfs, R/D Wireline, P/U & TIH W/- Bit & Scraper, 100- Jts Tbg (N-80), SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, R/U H/Oiler To Tbg, Flush Rods W/- 20- Bbls Wtr, Finish L/D 26- 3/4" Plain Rods, 20- 3/4" Guided Rods, 6- 1 1/2" x 25' Wt Bars, Rod Pmp, X - Over For Tbg, R/D Wellhead, R/U Weatherford BOPS, Release TA, POOH W/- 155 Jts Tbg Breaking And Doping Collars, L/D 16- Jts Tbg On Float, R/U The The Perforators, RIH & Shoot B2 Perfs, R/D Wireline, P/U & TIH W/- Bit & Scraper, 100- Jts Tbg (N-80), SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. **Finalized**

**Daily Cost:** \$0

**Cumulative Cost:** \$15,348

**6/29/2010 Day: 3**

**Conversion**

NC #2 on 6/29/2010 - TIH W/- N-80 Tbg, Pkr & Plg - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, P/U & TIH W/- 70 Jts Tbg (N-80), Tag Fill @ 5407', 15' Of Fill On PBSD, L/D 18 Jts Tbg (N-80) On Float, POOH W/- 152 Jts Tbg, Scraper & Bit, Flush Tbg W/- 20 Bbls Wtr On TOH, P/U & TIH W/- Weatherford RBP, RH, 6'- 2 3/8" Tbg Sub (N-80), Weatherford PKR, SN, 150- Jts Tbg, Set RBP @ 4787', POOH W/- 3 Jts Tbg, Set PKR @ 4682', R/U H/Oiler To Tbg, Break Down B2 Perfs, Perfs Broke @ 3700 Psi, Release PKR, Hang Over Night, Wait For BJ, SWI, CSDFN @ 1:00 PM, 1:00 To 1:30 PM C/trvl. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, P/U & TIH W/- 70 Jts Tbg (N-80), Tag Fill @ 5407', 15' Of Fill On PBSD, L/D 18 Jts Tbg (N-80) On Float, POOH W/- 152 Jts Tbg, Scraper & Bit, Flush Tbg W/- 20 Bbls Wtr On TOH, P/U & TIH W/- Weatherford RBP, RH, 6'- 2 3/8" Tbg Sub (N-80), Weatherford PKR, SN, 150- Jts Tbg, Set RBP @ 4787', POOH W/- 3 Jts Tbg, Set PKR @ 4682', R/U H/Oiler To Tbg, Break Down B2 Perfs, Perfs Broke @ 3700 Psi, Release PKR, Hang Over Night, Wait For BJ, SWI, CSDFN @ 1:00 PM, 1:00 To 1:30 PM C/trvl.

**Daily Cost:** \$0

**Cumulative Cost:** \$20,350

**6/30/2010 Day: 4****Conversion**

NC #2 on 6/30/2010 - Frac B2 Perfs, Flow Well Back, Start L/D N-80 Jts Tbg - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Finish L/D 102- Jts N-80 Tbg, P/U & TIH W/- Arrowset Pkr, SN & Collar, 150- Jts Tbg (J-55), Tbg Standing Full, Drop Stnd Vlve, Pressure Test Tbg To 3000 Psi For 1 Hr, Good Test, R/U Sandline, RIH & Fish Stnd Vlve, R/D Sandline, R/D Weatherford BOPS, R/U Wellhead, R/U H/Oiler To Csg, Pmp PKR Fluid & 70 Bbls Wtr, P/U & Set PKR, Land Wellhead, Fill & Test To 1500 Psi For 30 Min, No Test, SWI, CSDFN @ 6:30 PM, 6:30 To 7:00 PM C/Trvl. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, R/U Frac Valve, R/U BJ Sevices, Frac B2 Perfs, R/D BJ, Flow Well Back, Well Flowed Back Approx. 100 Bbls Fluid, RIH W/- 3 Jts Tbg To Plg, Circ Plg Clean, Release Plg, POOH W/- 50 Jts Tbg (N-80), SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Finish L/D 102- Jts N-80 Tbg, P/U & TIH W/- Arrowset Pkr, SN & Collar, 150- Jts Tbg (J-55), Tbg Standing Full, Drop Stnd Vlve, Pressure Test Tbg To 3000 Psi For 1 Hr, Good Test, R/U Sandline, RIH & Fish Stnd Vlve, R/D Sandline, R/D Weatherford BOPS, R/U Wellhead, R/U H/Oiler To Csg, Pmp PKR Fluid & 70 Bbls Wtr, P/U & Set PKR, Land Wellhead, Fill & Test To 1500 Psi For 30 Min, No Test, SWI, CSDFN @ 6:30 PM, 6:30 To 7:00 PM C/Trvl. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, R/U Frac Valve, R/U BJ Sevices, Frac B2 Perfs, R/D BJ, Flow Well Back, Well Flowed Back Approx. 100 Bbls Fluid, RIH W/- 3 Jts Tbg To Plg, Circ Plg Clean, Release Plg, POOH W/- 50 Jts Tbg (N-80), SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Finish L/D 102- Jts N-80 Tbg, P/U & TIH W/- Arrowset Pkr, SN & Collar, 150- Jts Tbg (J-55), Tbg Standing Full, Drop Stnd Vlve, Pressure Test Tbg To 3000 Psi For 1 Hr, Good Test, R/U Sandline, RIH & Fish Stnd Vlve, R/D Sandline, R/D Weatherford BOPS, R/U Wellhead, R/U H/Oiler To Csg, Pmp PKR Fluid & 70 Bbls Wtr, P/U & Set PKR, Land Wellhead, Fill & Test To 1500 Psi For 30 Min, No Test, SWI, CSDFN @ 6:30 PM, 6:30 To 7:00 PM C/Trvl. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, R/U Frac Valve, R/U BJ Sevices, Frac B2 Perfs, R/D BJ, Flow Well Back, Well Flowed Back Approx. 100 Bbls Fluid, RIH W/- 3 Jts Tbg To Plg, Circ Plg Clean, Release Plg, POOH W/- 50 Jts Tbg (N-80), SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, Finish L/D 102- Jts N-80 Tbg, P/U & TIH W/- Arrowset Pkr, SN & Collar, 150- Jts Tbg (J-55), Tbg Standing Full, Drop Stnd Vlve, Pressure Test Tbg To 3000 Psi For 1 Hr, Good Test, R/U Sandline, RIH & Fish Stnd Vlve, R/D Sandline, R/D Weatherford BOPS, R/U Wellhead, R/U H/Oiler To Csg, Pmp PKR Fluid & 70 Bbls Wtr, P/U & Set PKR, Land Wellhead, Fill & Test To 1500 Psi For 30 Min, No Test, SWI, CSDFN @ 6:30 PM, 6:30 To 7:00 PM C/Trvl. - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, R/U Frac Valve, R/U BJ Sevices, Frac B2 Perfs, R/D BJ, Flow Well Back, Well Flowed Back Approx. 100 Bbls Fluid, RIH W/- 3 Jts Tbg To Plg, Circ Plg Clean, Release Plg, POOH W/- 50 Jts Tbg (N-80), SWI, CSDFN @ 7:00 PM, 7:00 To 7:30 PM C/Trvl. **Finalized**

**Daily Cost:** \$0**Cumulative Cost:** \$42,303**7/1/2010 Day: 6****Conversion**

NC #2 on 7/1/2010 - Retest Csg, Ready For MIT, Final Report - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, R/U H/Oiler To Tbg, Circ Well W/- 120 Bbls Wtr, R/D Wellhead, R/U Weatherford BOPS, L/D 4- Jts Tbg, R/D Weatherford BOPS, R/U Wellhead, R/U H/Oiler To Csg, Pmp 70 Bbls & PKR Fluid, P/U & Set PKR, Land Wellhead, Pressure Test Csg To 1500 Psi For 30 Min, Good Test, R/D NC #2, Well Ready For MIT - 5:30 To 6:00 AM C/Trvl, 6:00 AM OWU, R/U H/Oiler To Tbg, Circ Well W/- 120 Bbls Wtr, R/D Wellhead, R/U Weatherford BOPS, L/D 4- Jts Tbg, R/D Weatherford BOPS, R/U Wellhead, R/U H/Oiler To Csg, Pmp 70 Bbls & PKR Fluid, P/U & Set PKR, Land Wellhead, Pressure Test Csg To 1500 Psi For 30 Min, Good Test, R/D NC #2, Well Ready For MIT **Finalized**

**Daily Cost:** \$0**Cumulative Cost:** \$57,860

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**7/9/2010 Day: 7****Conversion**

Rigless on 7/9/2010 - MIT on Well - On 6/30/2010 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well (South Pleasant Valley 6-15-9-17). On 7/6/2010 the csg was pressured up to 1210 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 50 psig during the test. There was not an EPA representative available to witness the test. Final Report EPA# UT20853-08469 API# 43-013-32019 - On 6/30/2010 Jason Deardorff with the EPA was contacted concerning the initial MIT on the above listed well (South Pleasant Valley 6-15-9-17). On 7/6/2010 the csg was pressured up to 1210 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbg pressure was 50 psig during the test. There was not an EPA representative available to witness the test. Final Report EPA# UT20853-08469 API# 43-013-32019 **Finalized**

**Daily Cost:** \$0**Cumulative Cost:** \$89,600

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**Pertinent Files: Go to File List**



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 8

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

JUL 28 2010

Ref: 8P-W-GW

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

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

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

RE: Underground Injection Control (UIC)  
Limited Authorization to Inject  
EPA UIC Permit UT20853-08469  
Well: South Pleasant Valley 6-15-9-17  
SENW Sec. 15 T9S-R17E  
Duchesne County, Utah  
API No.: 43-013-32019

Dear Mr. Guinn:

The Environmental Protection Agency Region 8 (EPA) has received Newfield Production Company's (Newfield) July 12, 2010, letter with enclosures. The enclosed Part I (internal) Mechanical Integrity test, Well Rework Record (EPA Form 7520-12), schematic diagram, and calculated pore pressure were reviewed and approved by EPA, satisfactorily completing all Prior to Commencing Injection Requirements for UIC Permit UT20853-08469.

As of the date of this letter, Newfield is authorized to commence injection into the South Pleasant Valley 6-15-9-17 well at a Maximum Allowable Injection Pressure (MAIP) of 1,275 psig for a limited period of 180 days, during which time a Radioactive Tracer Survey (RTS) is required. The MAIP has been reduced as the top perforations are now at 4,716 feet (the original MAIP was 1,315 psig when the top perforations were at 4,865 feet). If Newfield seeks a higher MAIP than 1,275 psig, it may be advantageous to run a step rate test prior to conducting the RTS because a RTS conducted at the higher MAIP will be required. Newfield must receive prior authorization from the Director to inject at pressures greater than the permitted MAIP during any test.

Please remember that it is Newfield's responsibility to be aware of and to comply with all conditions of Permit UT20853-08469.

**RECEIVED**  
**AUG 04 2010**  
DIV. OF OIL, GAS & MINING

If you have questions regarding the above action, please call Tom Aalto at 303-312-6949 or 1-800-227-8917, ext. 312-6949. The RTS log with interpretation should be mailed to Jason Deardorff at the letterhead address, citing mail code 8P-W-GW.

Sincerely,



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

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

Daniel Picard  
BIA - Uintah & Ouray Indian Agency

Ferron Secakuku  
Director, Natural Resources  
Ute Indian Tribe

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

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

Fluid Minerals Engineering Office  
BLM - Vernal Office

Eric Sundberg, Regulatory Analyst  
Newfield Production Company

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

5. LEASE DESIGNATION AND SERIAL NUMBER:  
USA UTU-74805

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:  
GMBU

1. TYPE OF WELL: OIL WELL  GAS WELL  OTHER

8. WELL NAME and NUMBER:  
S PLEASANT VALLEY FED 6-15-9-17

2. NAME OF OPERATOR:  
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:  
4301332019

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

PHONE NUMBER  
435.646.3721

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

4. LOCATION OF WELL:  
FOOTAGES AT SURFACE: 2011 FNL 1976 FWL

COUNTY: DUCHESNE

OTR/TR. SECTION. TOWNSHIP. RANGE. MERIDIAN: SENW, 15, T9S, R17E

STATE: UT

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will <u>08/05/2010</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion:	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Put on Injection
	<input checked="" type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

The above reference well was put on injection at 5:30 PM on 08/05/2010.

EPA # UT20853-08469 API # 43-013-32019

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

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE 

DATE 08/09/2010

(This space for State use only)

**RECEIVED  
AUG 11 2010  
DIV. OF OIL, GAS & MINING**



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 8**

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

**NOV 03 2010**

**RECEIVED**

**NOV 10 2010**

Ref: 8P-W-GW

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

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

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

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

RE: Underground Injection Control (UIC)  
Authorization to Continue Injection  
EPA UIC Permit UT20853-08469  
Well: South Pleasant Valley 6-15-9-17  
SENW Sec. 15 T9S-R17E  
Duchesne County, UT  
API No.: 43-013-32019

Dear Mr. Guinn:

The U.S. Environmental Protection Agency (EPA), Region 8, received the results of the October 19, 2010, Radioactive Tracer Survey (RTS) for the South Pleasant Valley 6-15-9-17 well. EPA has determined that the test demonstrates the presence of adequate cement to prevent the upward migration of injection fluids from the injection zone at the Maximum Allowable Injection Pressure (MAIP) of 1,275 psig, and hereby approves the test results.

As a reminder, the MAIP has been reduced to 1,275 psig from the 1,315 psig MAIP previously authorized due to the fact that the uppermost perforations were reported to have been raised in elevation after the permit was issued. As of the date of this letter, EPA hereby authorizes continued injection into the South Pleasant Valley 6-15-9-17 well under the terms and conditions of UIC Permit UT20853-08469 at the MAIP of 1,275 psig.

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

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

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

Or, you may reach Mr. Wiser by telephone at 303-312-6211, or 1 800-227-8927, ext. 312-6211. Please remember that it is your responsibility to be aware of and to comply with all conditions of injection well Permit UT20853-08469.

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

Sincerely,



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

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

Daniel Picard  
BIA - Uintah & Ouray Indian Agency

Mike Natchees  
Environmental Coordinator  
Ute Indian Tribe

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

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

Fluid Minerals Engineering Office  
BLM - Vernal Office

Eric Sundberg  
Regulatory Analyst  
Newfield Production Company

<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-74805
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630 , Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> S PLEASANT VALLEY FED 6-15-9-17
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2011 FNL 1976 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 15 Township: 09.0S Range: 17.0E Meridian: S		<b>9. API NUMBER:</b> 43013320190000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<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 type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START 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"/> WILDCAT WELL DETERMINATION <input checked="" type="checkbox"/> OTHER	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <b>6/4/2015</b>	<input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text" value="5 YR MIT"/>	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> DRILLING REPORT Report Date:	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. 5 YR MIT performed on the above listed well. On 06/04/2015 the casing was pressured up to 1091 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tbq pressure was 1604 psig during the test. There was not an EPA representative available to witness the test. EPA #UT22197-08469		
<b>Accepted by the          Utah Division of          Oil, Gas and Mining          FOR RECORD ONLY          June 10, 2015</b>		
<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> 6/8/2015	

**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: 6/4/2015  
Test conducted by: Riley Bagley  
Others present: \_\_\_\_\_

Well Name: <u>South Pleasant Valley Federal</u>	Type: ER SWD	Status: AC TA UC
Field: <u>Monument B-tt</u>		
Location: <u>6</u> Sec: <u>15</u> T <u>9</u> N/S R <u>17</u> E/W County: <u>Duchesne</u> State: <u>UT</u>		
Operator: <u>NEWFIELD EXPLORATION</u>		
Last MIT: <u>1/1</u>	Maximum Allowable Pressure: <u>1719</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: 0/1604 psig

MIT DATA TABLE	Test #1	Test #2	Test #3
<b>TUBING PRESSURE</b>			
Initial Pressure	<u>1604</u> psig	psig	psig
End of test pressure	<u>1604</u> psig	psig	psig
<b>CASING / TUBING ANNULUS PRESSURE</b>			
0 minutes	<u>1089</u> psig	psig	psig
5 minutes	<u>1089</u> psig	psig	psig
10 minutes	<u>1090</u> psig	psig	psig
15 minutes	<u>1090</u> psig	psig	psig
20 minutes	<u>1090</u> psig	psig	psig
25 minutes	<u>1090</u> psig	psig	psig
30 minutes	<u>1091</u> 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

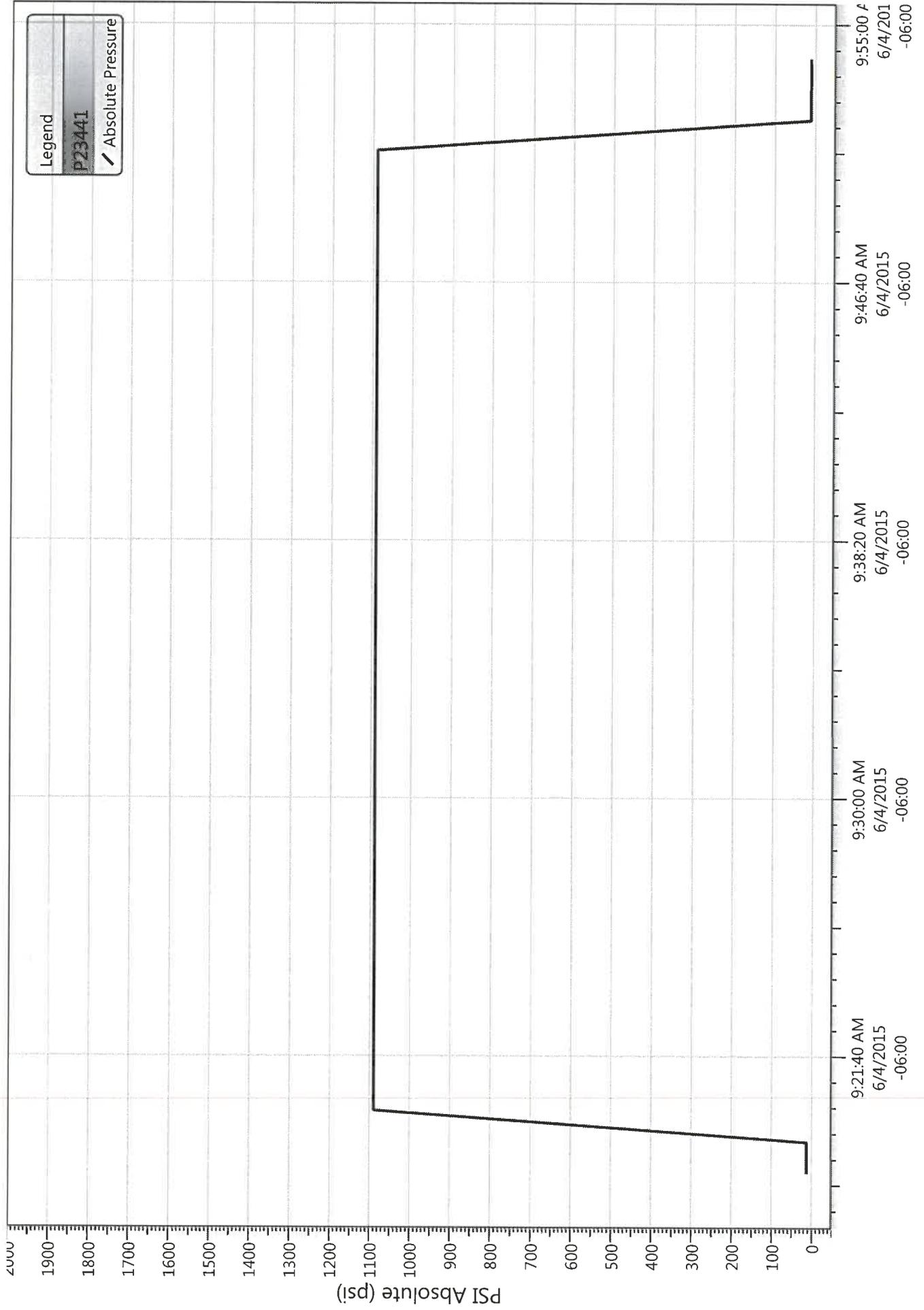
Does the annulus pressure build back up after the test?  Yes  No

**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: \_\_\_\_\_

South Pleasant Valley Federal 6 15 9-17 ( 5 yr MIT 6/4/15)  
6/4/2015 9:16:50 AM



# South Pleasant Valley 6-15-9-17

Spud Date: 3/7/98  
 Put on Production: 4/1/98  
 GL: 5211' KB: 5226'

Initial Production: 107 BOPD,  
 36 MCFPD, 1 BWPD

Injection Wellbore  
 Diagram

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55 ST&C  
 WEIGHT: 24#  
 LENGTH: 7 jts. (291')  
 DEPTH LANDED: 306'  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 140 sxs Premium Plus w/ 2% CC & 1/2#sx floccle

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55 LT&C  
 WEIGHT: 15.5#  
 LENGTH: 129 jts. (5475')  
 DEPTH LANDED: 5469'  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 275 sxs Hibond 65 Modified tail w/ 230 sxs Thixotropic & 10% Calseal  
 CEMENT TOP AT: 1100'

**TUBING**

SIZE GRADE WT: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 150 jts. (4666.8')  
 SEATING NIPPLE: 2-7/8" (1.1')  
 SN LANDED AT: 4681.8'  
 CE @ 4682.91'  
 TOTAL STRING LENGTH: EOT @ 4689' KB

**FRAC JOB**

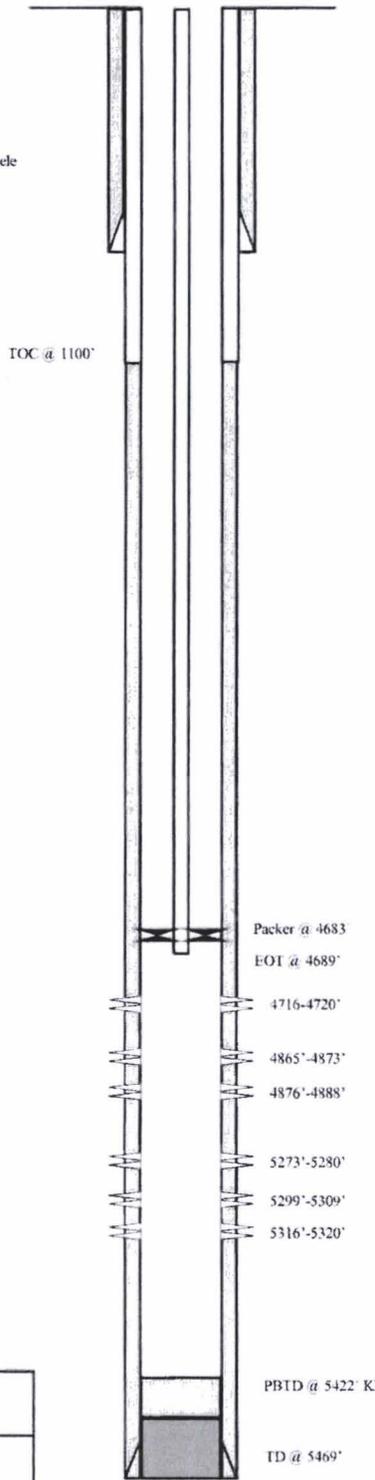
3/25/98 5273'-5320' **Frac CP sands as follows:**  
 3000 gal pad. 1000 gals w/1-6 ppg 20/40 sd, 2131 gals w/6-8 ppg 20-40 sd. Pre-gel blender broke down. Perfs broke down @ 2720 psi.

3/26/98 5273'-5320' **Frac CP sands as follows:**  
 Refrac w/ 120,300# 20-40 sand in 580 bbl Delta frac. Treated @ avg 1520 psi and 30 BPM. ISIP 1616. Calc. flush: 5273 gal. Actual flush: 5194 gal.

3/29/98 4865'-4888' **Frac A sands as follows:**  
 123,300# sand in 575 bbl Delta Frac. Treated @ avg 1325 psi and 27.9 BPM. ISIP 1691. Calc. flush: 4865 gal. Actual flush: 4775 gal.

03/05/02 **Pump change:** Update rod and tubing detail  
 04/04/07 **Tubing Leak:** Updated rod and tubing detail.  
 2/11/2010 **Parted rods.** Updated rod and tubing detail.

6-29-10 4716-4720' **Frac B2 sands as follows:**  
 9400# 20-40 sand in 85 bbl Lightning 17 fluid.  
 Convert to Injection well  
 7-1-10 **MIT completed** - tbg detail updated  
 7-6-10



**PERFORATION RECORD**

3/23/98	5273'-5280'	4 SPF	28 holes
3/23/98	5299'-5309'	4 SPF	40 holes
3/23/98	5316'-5320'	4 SPF	16 holes
3/27/98	4865'-4873'	4 SPF	32 holes
3/27/98	4876'-4888'	4 SPF	48 holes
6-29-10	4716-4720'	3 SPF	12 holes

**NEWFIELD**

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**South Pleasant Valley 6-15-9-17**

2011' FNL & 1976' FWL

SE/NW Section 15-T9S-R17E

Duchesne Co. Utah

API #43-013-32019; Lease #UTU-74805