

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

FORM 3

AMENDED REPORT   
(highlight changes)

<b>APPLICATION FOR PERMIT TO DRILL</b>		5. MINERAL LEASE NO: <b>Fee</b>	6. SURFACE: <b>Fee</b>
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>		7. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
B. TYPE OF WELL: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		8. UNIT or CA AGREEMENT NAME:	
2. NAME OF OPERATOR: El Paso E&P Company, L.P. c/o H&B Petroleum Consultants		9. WELL NAME and NUMBER: Sprouse-Bowden 2-18B1	
3. ADDRESS OF OPERATOR: 291 Daffodil CITY Casper STATE Wy ZIP 82604		PHONE NUMBER: (307) 237-9310	10. FIELD AND POOL, OR WILDCAT: Altomont/BlueBell <i>US</i>
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: 2427'FSL & 1525'FWL <i>5813854 40.308738</i> AT PROPOSED PRODUCING ZONE: <i>44622547 -110.042268</i>		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NESW 18 T2S R1W	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: 3.32 miles West of Roosevelt, Urah		12. COUNTY: Duchesne	13. STATE: UTAH
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) 1525	16. NUMBER OF ACRES IN LEASE: 640	17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 640	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) 2562	19. PROPOSED DEPTH: 12,500	20. BOND DESCRIPTION: 400JU0708	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5138	22. APPROXIMATE DATE WORK WILL START: Upon Approval	23. ESTIMATED DURATION: 56 Days	

**PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT	SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT	
17 1/2	13 3/8	500	460	1.15cuft/sx 15.6 lb/gal
12 1/4	9 5/8" N-80 40 lb	4,460	Lead: Prem Lite 450 sx	3.2cu/ft/sx 11 lb/gal
			Tail: Class G 150 sx	1.25 cuft/sx 14.4 lb/gal
8 3/4	7" HCP 110 29 lb	12,500	Class G 1090 sx	1.25 cuft/sx 14.4 lb/gal

**ATTACHMENTS**

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN                                   |
| <input type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER        | <input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |

NAME (PLEASE PRINT) Larry D. Brown TITLE Agent for El Paso E&P Company, L.P.  
SIGNATURE *Larry D. Brown* DATE 11-13-07

(This space for State use only)

API NUMBER ASSIGNED: 43-013-33808

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

*(303) 291-6443*  
**RECEIVED**  
NOV 15 2007

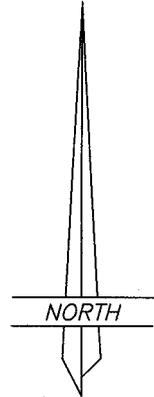
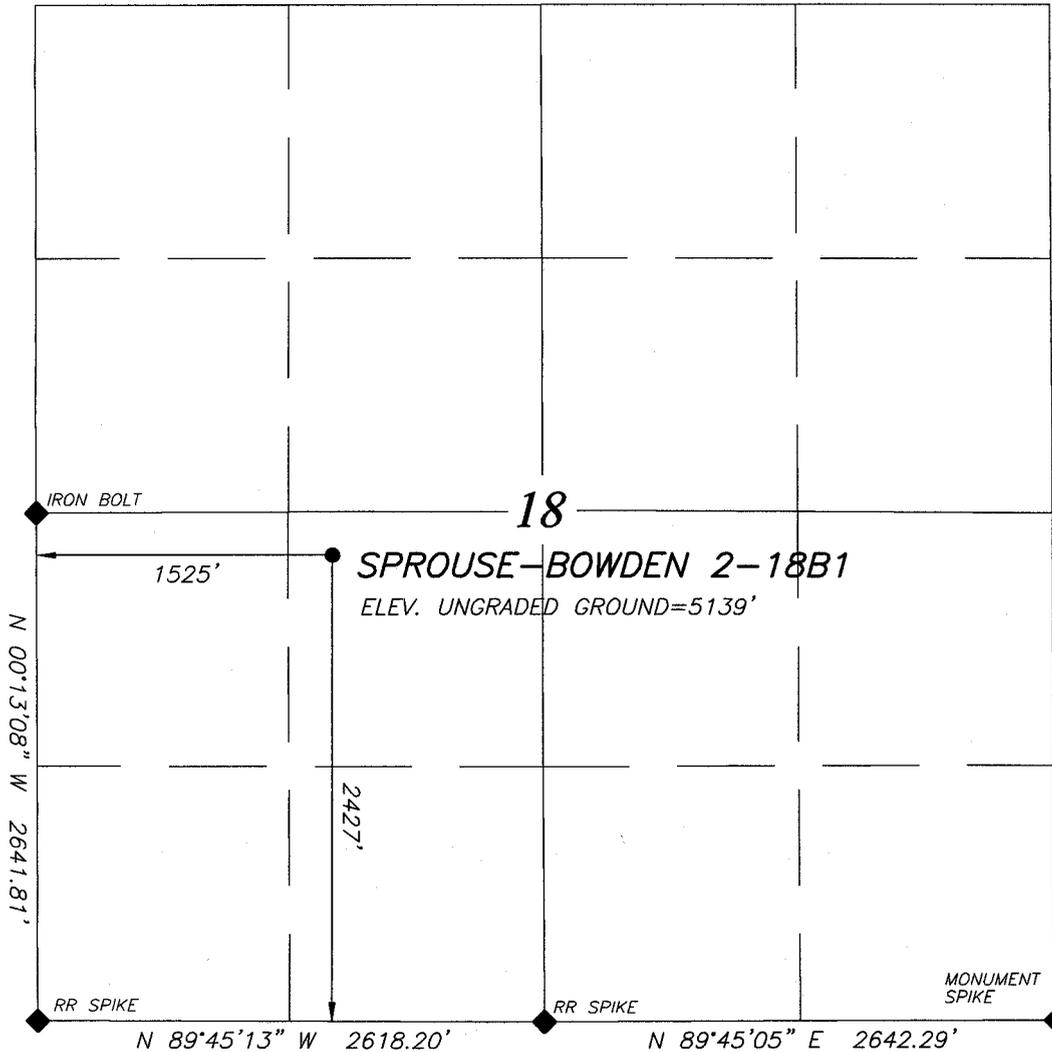
By: *[Signature]*

# EL PASO E & P COMPANY, L.P.

WELL LOCATION

SPROUSE-BOWDEN 2-18B1

LOCATED IN THE NE¼ OF THE SW¼ OF SECTION 18, T2S, R1W, U.S.B.&M. DUCHESNE COUNTY, UTAH



SCALE: 1" = 1000'



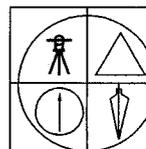
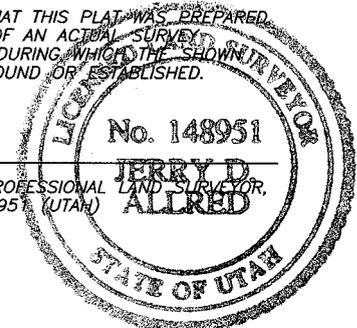
**LEGEND AND NOTES**

- ◆ CORNER MONUMENTS FOUND AND USED BY THIS SURVEY
- THE GENERAL LAND OFFICE (G.L.O.) PLAT WAS USED FOR REFERENCE AND CALCULATIONS AS WAS THE U.S.G.S. MAP
- THIS SURVEY WAS PERFORMED USING GLOBAL POSITIONING SYSTEM PROCEDURES AND EQUIPMENT
- BASIS OF BEARINGS: G.P.S. OBSERVATION
- BASIS OF ELEVATIONS: USGS ELEVATION OF 5130' PUBLISHED ON THE HANCOCK COVE QUADRANGLE MAP AT THE SW CORNER OF SECTION 18

**SURVEYOR'S CERTIFICATE**

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY PERFORMED BY ME, DURING WHICH THE SHOWN MONUMENTS WERE FOUND OR ESTABLISHED.

JERRY D. ALLRED, PROFESSIONAL LAND SURVEYOR, CERTIFICATE NO. 148951 (UTAH)



**JERRY D. ALLRED & ASSOCIATES**  
SURVEYING CONSULTANTS

121 NORTH CENTER ST.--P.O. BOX 975  
DUCHESNE, UTAH 84021  
(435) 738-5352



**DRILLING PROGRAM****CASING PROGRAM**

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	13 3/8"	0' - 500	54.5	J-55	LTC	2,730 21.45 5,750	1,140 9.66 3,530	1,399M 7.51 606,000
SURFACE	9-5/8"	0' - 4460	40.00	N-80	LTC	2.30 11,220	1.69 9,200	2.18 681,000
INTERMEDIATE	7"	0' - 7300	29.00	HCP-110	LTC	2.89 13,940	2.42 13,470	2.18 353,000
PRODUCTION LINER	5"	7100' - 12800	18	P-110	VAM FJL	2.04	1.56	1.77

CEMENT PROGRAM	FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
CONDUCTOR	500	DATEBOND CEMENT	240	10%	13.1 ppg	1.62 ft <sup>3</sup> /sx
SURFACE Stage 1: Lead	3,960	Premium Lite II Plus; 2% CaCl <sub>2</sub> 0.3% FL52 0.5% Sodium Metasilicate	450	15%	11.0	3.2
Tail	500	Class G 50:50 poz, 2% CaCl <sub>2</sub> , 2% gel 0.3% sodium metasilicate	150	15%	14.4	1.25
INTERMEDIATE Lead	2,590	CemCRETE Blend 55.9/44.1 (D961/D124) + 0.2 %bwob D65 + 0.2 %bwob D46 + 0.4 %bwob D13 + 0.2 %bwob D167	480	100%	12.49 ppg	1.65 ft <sup>3</sup> /sx
Tail	450	10:0 RFC (Class G)	100	100%	14.1 ppg	1.62 ft <sup>3</sup> /sx
PRODUCTION LINER	5,700	WellBond Slurry Class G + 35% D66 + 1.6 gps D600G + 0.05 gps D80 + 0.3% D167 + 0.2% D46 + 0.4% D800 + 1% D20	240	10%	14.5 ppg	1.86 ft <sup>3</sup> /sx

**FLOAT EQUIPMENT & CENTRALIZERS**

CONDUCTOR	PDC drillable guide shoe, 1 joint, PDC drillable float collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing.
SURFACE	PDC drillable guide shoe, 1 joint casing, PDC drillable float collar & Stage collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing & every 3rd joint thereafter.
INTERMEDIATE	PDC drillable 10M, P-110 float shoe, 1 joint, PDC drillable 10M, P-110 float collar. Thread lock all float equipment. Install 2 bow spring centralizers every 3rd joint
LINER	Float shoe, 1 joint, float collar. Rigid centralizer every other joint. Thread lock all FE

PROJECT ENGINEER(S): Alex ErhardtMANAGER: Alex Nash

**Sprouse-Bowden 2-18-B1  
NESW Sec. 18, T2S, R1W  
Duchesne County, Utah  
FEE**

**EL PASO E&P COMPANY, L.P.**

*DRILLING PROGRAM*

1. **Estimated Tops of Important Geologic Markers**

<u>Formation</u>	<u>Depth</u>
Green River	5,050'
Mahogany Bench	7,166'
L. Green River	8,469'
Wasatch	9,865'
TD	12,500'

2. **Estimated Depths of Anticipated Water, Oil, Gas or Mineral Formations:**

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
	Green River	5,050'
	Mahogany Bench	7,166'
Oil	L. Green River	8,469'
Oil	Wasatch	9,865'

3. **Pressure Control Equipment:** (Schematic Attached)

A 5.0" by 20.0" rotating head on structural pipe from surface to 500'. A 5.0" by 13 3/8" Smith Rotating Head from 300' to 4,600' on Conductor. A 5M BOP stack, 5M kill lines and choke manifold used from 2,500' to 9,590". An 11.0", 10M BOE w/rotating head, 5M annular, blind rams & mud cross from 7,550' to 10,000'.

The BOPE and related equipment will meet the requirements of the 5M and 10M system.

## **OPERATORS MINIMUM SPECIFIC FOR BOPE:**

The surface casing will be equipped with a flanged casing head of 5M PSI working pressure. We will NU an 11.0" 5M BOP, 5M Annular. This equipment will be nipped up on the surface casing and tested to 250 psi low test/5M psi high test prior to drilling out. The surface casing will be tested to 1500 psi. Intermediate casing will be tested to the greater of 1500 psi or .22 psi/ft. The choke manifold equipment, upper Kelly cock, floor safety valves will be tested to 5M psi. The annular preventor will be tested to 250 psi low test and 2500 psi high test or 50% of rated working pressure. A 10M BOP installed with 5M annular with 3 1/2" rams, blind rams, mud cross and rotating head from 7,550' to TD. The BOPE will be hydraulically operated.

In addition, the BOP equipment will be tested after running intermediate casing, after any repairs to the equipment and at least once every 30 days. Pipe and blind rams will be activated on each trip, annular preventor will be activated weekly and weekly BOP drills will be held with each crew.

### **Statement on Accumulator System and Location of Hydraulic Controls:**

Frontier #7 will be used at the proposed location. Operations will commence after approval of this application. Manual and/or hydraulic controls will be in compliance for 5M and 10M psi systems.

### **Auxiliary Equipment:**

- A) Mud logger with gas monitor -4,460' to TD
- B) Choke manifold with one manual and one hydraulic operated choke
- C) Full opening floor valve with drill pipe thread
- D) Upper and lower Kelly cock
- E) Shake, desander, desilter and mud cleaner.

#### **4. Proposed Casing & Cementing Program:**

<u>Hole Size</u>	<u>Size</u>	<u>Grade</u>	<u>Thread</u>	<u>Weight</u>	<u>Setting Depth</u>
17 1/2	13 3/8	J-55	LTC	54.5 lb/ft	500
12 1/4"	9 5/8"	N-80	LTC	40 lb/ft	4,460
8 3/4"	7 "	HCP 110	LTC	29 lb/ft	12,500

Conductor: 460 sacks Class G. 15.6 lb/gal, yield 1.15 cuft/sx, w 3% CaCl<sub>2</sub>

Surface Cement: : Lead 450 sacks Premium Lite II 11 lb/gal, yield 3.2 cuft/sx,  
Plus 2%CaCl<sub>2</sub> 0.3%FL52 0.5% Sodium Metasilicate

Tail: 150 sacks Class G 14.4 lb/gal, yield 1.25 cuft/sx, 50:50 poz 2% CaCl<sub>2</sub> 2% gel 0.3% Sodium Metasilicate

Production Cement: 1090 sacks Class G 14.4 lb/gal, yield 1.25 cuft/sx, 50:50 poz  
2% gel 0.3% Metasilicate

5. **Drilling Fluids Program:**

Proposed Mud Program:

<b>Interval</b>	<b>Type</b>	<b>Mud Weight</b>
Surface	WBM	8.4 – 8.9
Intermediate	WBM	8.4 – 10.0
Production	WBM	8.4 – 13.5

Anticipated mud weights are based on actual offset well bottom-hole pressure data. Mud weights utilized may be somewhat higher to allow for tip margin and to provide hole stability for running logs and casing.

Visual mud monitoring equipment will be utilized.

6. **Evaluation Program:**

GR, Density, Neutron, Res/ 7365 to surface casing

GR to Surface

Platform Express: TD to Surface Casing

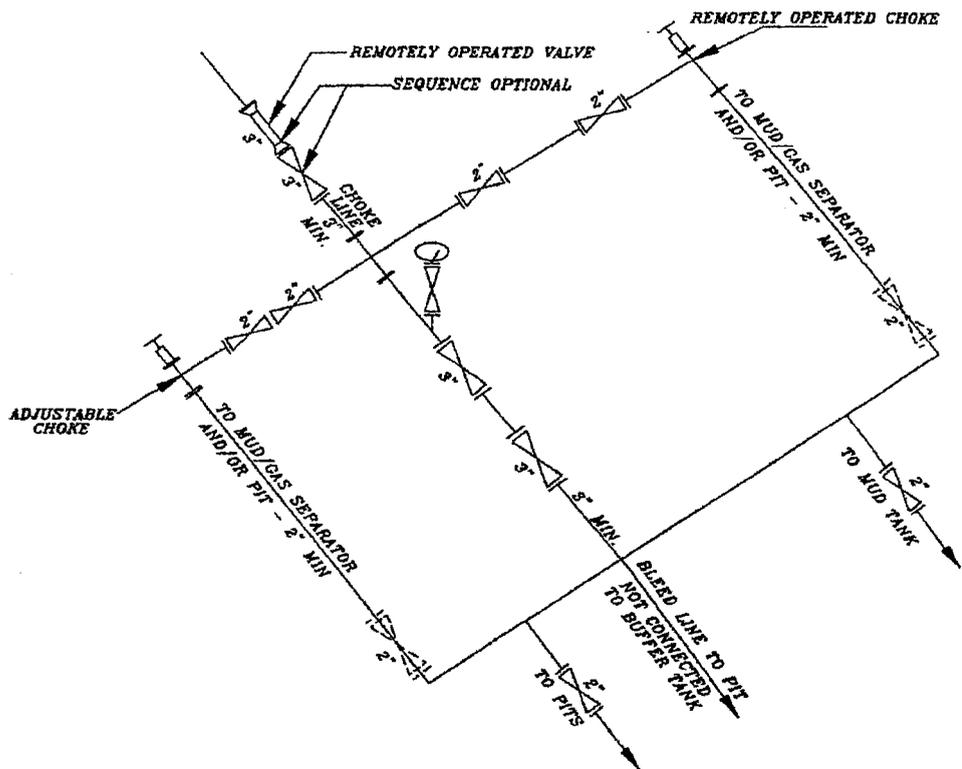
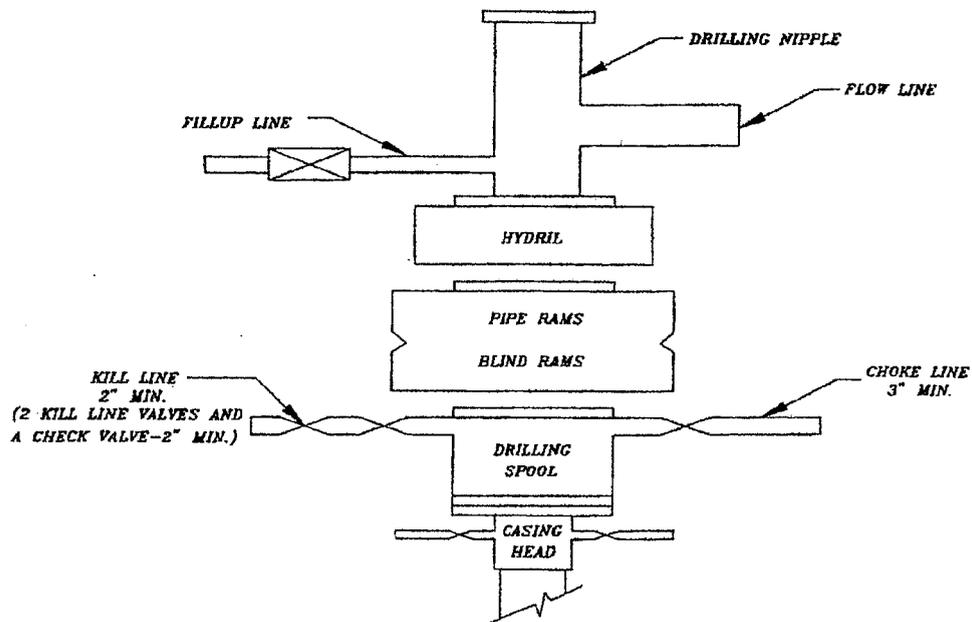
7. **Abnormal Conditions:**

Maximum anticipated bottomhole pressure calculated at 12,500' TD equals approximately 8,450 psi (calculated at 0.6760 psi/foot).

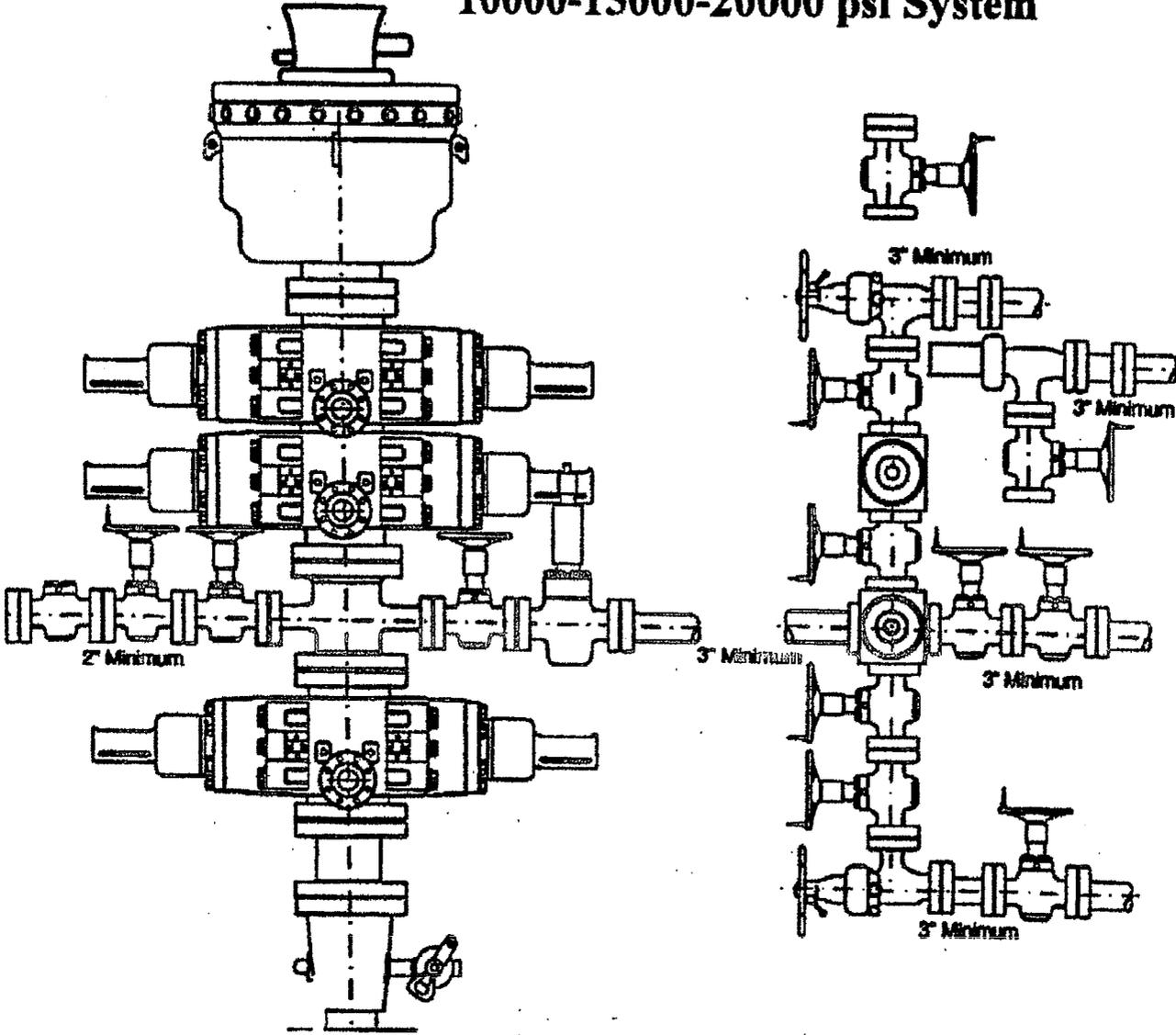
Maximum anticipated surface pressure equals approximately 5,700 (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/ft).

8. **OPERATOR REQUESTS THAT THE PROPOSED WELL BE PLACED ON CONFIDENTIAL STATUS.**

# 5M BOP STACK and CHOKE MANIFOLD SYSTEM



10000-15000-20000 psi System



**Sprouse-Bowden 2-18 B1  
NESW Sec. 18, T2S, R1W  
DUCHESNE COUNTY, UT  
FEE**

**EL PASO E&P COMPANY, L.P.**

**Related Surface Information**

- 1) **CURRENT SURFACE USE:** Livestock Grazing and Oil and Gas Production.
  
- 2) **PROPOSED SURFACE DISTURBANCE:**
  - a) The road will be crown and ditch. Water wings will be constructed on the access road as needed.
  - b) The topsoil will be windrowed and respread in the borrow area.
  - c) New road to be constructed will be approximately 2220 feet in length, 25 feet wide.
  - d) All equipment and vehicles will be confined to the access road, pad and area specified in the APD.
  
- 3) **LOCATION OF EXISTING WELLS:**

Existing oil, gas and water wells within one (1) mile radius of proposed well are provided in EXHIBIT C.

Water for drilling will be obtained from Dalbo Inc's underground well located in Ouray, Utah Sec 32 T4S R3E, Water Use Claim #43-8496
  
- 4) **EXISTING/PROPOSED FACILITIES FOR PRODUCTIVE WELL:**
  - a) There are no existing facilities that will be utilized for this well.
  - b) The pipeline will be constructed as shown on Exhibit C. Rehabilitation of unneeded, previously disturbed areas will consist of backfilling and contouring the reserve pit area; backsloping and contouring all cut and fill slopes. These areas will be reseeded. Refer to plans for reclamation of surface for details.
  - c) Upgrade and maintain access roads and drainage control structures (e.g., culverts, drainage dips, ditching, etc.) as necessary to prevent soil erosion and accommodate safe, year-round traffic.
  
- 5) **CONSTRUCTION MATERIALS:**

Native soil from road and location will be used for construction materials along with gravel and/or scoria road base material. In the event that conditions should necessitate graveling of all or part of the access road and location, surfacing materials will be purchased from commercial suppliers in the marketing area.

**6) METHODS FOR HANDLING WASTE DISPOSAL:**

- a) The reserve pit will be designed to prevent the collection of surface runoff and will be constructed with a minimum of ½ the total depth below the original ground surface on the lowest point within the pit. The pit will be lined with a 9-mil polyethylene to prevent leakage of fluids. The liner will be rolled into place and secured at the ends, i.e. buried on top of the pit berms. Prior to use, the reserve pit will be fenced on three sides; the fourth side will be fenced at the time the rig is removed. Drilling fluids, cuttings and produced water will be contained in the reserve pit (trash will be placed in the trash cage). Fluids in the reserve pit will be allowed to evaporate prior to pit burial.
- b) Garbage and other trash will be contained in a portable trash cage and hauled off the location to an authorized disposal site. Any trash on the pad will be cleaned up prior to the rig move off location and hauled to an authorized disposal site.
- c) Sewage will be handled in Portable Toilets.
- d) Produced water will be placed in the reserve pit for a period not to exceed ninety days after initial production. Any hydrocarbons produced during completion work will be contained in test tanks and removed from location at a later date.
- e) Water from the reserve pit may be used for drilling of additional wells. The water will be trucked along access roads as approved in pertinent APD's.

**7) ANCILLARY FACILITIES:**

There will be no ancillary facilities associated with this project.

**8) SURFACE RECLAMATION PLANS:**

Backfilling of the pits will be done when dry. In the event of a dry hole, the location will be re-contoured, the topsoil will be distributed evenly over the entire location, and the seedbed prepared

- a) Seed will be planted after September 15<sup>th</sup>, and prior to ground frost, or seed will be planted after the frost has left and before May 15<sup>th</sup>. Slopes to steep for machinery will be hand broadcast and raked with twice the specified amount of seed.
  - 1. The construction program and design are on the attached cut, fill and cross sectional diagrams.
  - 2. Prior to construction, all topsoil will be removed from the entire site and stockpiled. Topsoil for this site is the first 6 inches of soil materials.
  - 3. After the location has been reshaped and after redistributing the topsoil, the operator will rip and scarify the drilling platform and access road on the contour, to a depth of at least 12 inches.
- b) Rehabilitation will begin upon the completion of the drilling. Complete rehabilitation will depend on weather conditions and the amount of time required to dry the reserve pit.

2. All rehabilitation work including seeding will be completed as soon as weather and the reserve pit conditions are appropriate.
3. Landowner will be contacted for rehabilitation requirements.

9) **SURFACE OWNERSHIP:**

David S. Bowden  
PO BOX 283  
Roosevelt, Utah 84006  
435-722-3852

Tom Sprouse  
Rt. 1 Box 1624  
Roosevelt, Utah 84066  
435-722-9055

10) **OTHER INFORMATION:**

- a) The surface soil consists of clay, and silt.
- b) Flora - vegetation consists of the following: Sagebrush, Juniper and prairie grasses.
- c) Fauna - antelope, deer, coyotes, raptors, small mammals, and domestic grazing animals.
- d) Current surface uses – Livestock grazing and mineral exploration and production.

**EL PASO E&P COMPANY, L.P.**  
**SPROUSE-BOWDEN 2-18B1**  
**SECTION 18, T2S, R1W, U.S.B.&M.**

PROCEED IN A WESTERLY DIRECTION FROM THE INTERSECTION OF 200 NORTH AND 200 EAST (MAIN STREET) ROOSEVELT, UTAH ON PAVED HIGHWAY APPROXIMATELY 2.9 MILES TO THE PROPOSED ACCESS ROAD;

TURN RIGHT AND FOLLOW ROAD FLAGS APPROXIMATELY 0.42 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM ROOSEVELT, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 3.32 MILES.

# AFFIDAVIT OF FACTS

STATE OF UTAH )

COUNTY OF DUCHESNE )

Re: Well Site, Road & Pipeline  
El Paso E&P Company, L.P.  
Sprouse-Bowden 2-18B1 Oil and Gas Well  
T2S-R1W Sec. 18: SW/4 – Duchesne Co., Utah

WHEREAS, the undersigned John D. Whiteside, Jr. (affiant) whose mailing address is P.O. Box 790093, Vernal, UT 84079, being first duly sworn on oath, depose and say:

1. I am an Independent Oil and Gas Landman, on contract with El Paso E&P Company, L.P. ("El Paso") working on surface damages for the Sprouse-Bowden 2-18B1 Oil and Gas Well ("Well") located in T2S-R1W Sec. 18: SW/4, Duchesne County, Utah. El Paso is the owner of oil and gas leases in Section 18 from the mineral owners under the Section. El Paso is the Operator of the Galloway 1-18B1 Oil and Gas Well located in the NE/4 of the Section. The State of Utah allows for the drilling of two (2) wells per section in the Altamont-Bluebell Field where this Section is located. El Paso is planning to drill the second well in this Section which will be the Sprouse-Bowden 2-18B1 well to be drilled in the SW/4.
2. The record title to one-half of the surface of the land where the Well is to be drilled is held by David S. Bowden whose address is P.O. Box 283, Roosevelt, Utah 84066 and whose phone number is 435/722-3852 (home) and 435/823-1125 (cell). Mr. Bowden owns a 76.87 tract of land which is in the W/2SW/4.
3. The record title to the surface of the other half of the Wellsite is owned by Tom and Mohea Sprouse whose address is Rt. 1 Box 1624, Roosevelt, Utah 84066 and whose phone number is 435/722-9055. They own a 63.03 acre tract in the E/2SW/4.
4. El Paso originally planned to drill the Well on Mr. Bowden's land. On November 12, 2005, Mr. John D. Whiteside, Sr. contacted Mr. Bowden about the Wellsite and sent Mr. Bowden an offer letter with a Surface Damage Release, Right-of Way and Archaeological Waiver along with a Draft for \$3500.00 for payment of the Well location. Later in November, 2005, Mr. Bowden, John Whiteside, Sr. and myself walked over the lands and discussed where the location could be place to least impact Mr. Bowden's farming and hay field on the property. Mr. Bowden suggested we drill the Well on Mr. Sprouse's land since Mr. Bowden's land was a hay field and if we could move the location to Mr. Sprouse's land it would be better for Mr. Bowden.

RECEIVED  
NOV 15 2007  
DIV. OF OIL, GAS & MINING

# AFFIDAVIT OF FACTS

STATE OF UTAH                    )(

COUNTY OF DUCHESNE           )(

Re:     Well Site, Road & Pipeline  
       El Paso E&P Company, L.P.  
       Sprouse-Bowden 2-18B1 Oil and Gas Well  
       T2S-R1W Sec. 18: SW/4 – Duchesne Co., Utah

WHEREAS, the undersigned John D. Whiteside, Jr. (affiant) whose mailing address is P.O. Box 790093, Vernal, UT 84079, being first duly sworn on oath, depose and say:

1.     I am an Independent Oil and Gas Landman, on contract with El Paso E&P Company, L.P. (“El Paso”) working on surface damages for the Sprouse-Bowden 2-18B1 Oil and Gas Well (“Well”) located in T2S-R1W Sec. 18: SW/4, Duchesne County, Utah. El Paso is the owner of oil and gas leases in Section 18 from the mineral owners under the Section. El Paso is the Operator of the Galloway 1-18B1 Oil and Gas Well located in the NE/4 of the Section. The State of Utah allows for the drilling of two (2) wells per section in the Altamont-Bluebell Field where this Section is located. El Paso is planning to drill the second well in this Section which will be the Sprouse-Bowden 2-18B1 well to be drilled in the SW/4.
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4.     El Paso originally planned to drill the Well on Mr. Bowden’s land. On November 12, 2005, Mr. John D. Whiteside, Sr. contacted Mr. Bowden about the Wellsite and sent Mr. Bowden an offer letter with a Surface Damage Release, Right-of Way and Archaeological Waiver along with a Draft for \$3500.00 for payment of the Well location. Later in November, 2005, Mr. Bowden, John Whiteside, Sr. and myself walked over the lands and discussed where the location could be place to least impact Mr. Bowden’s farming and hay field on the property. Mr. Bowden suggested we drill the Well on Mr. Sprouse’s land since Mr. Bowden’s land was a hay field and if we could move the location to Mr. Sprouse’s land then it would be much better for Mr. Bowden.
5.     Mr. John D. Whiteside, Sr. contacted Mr. Sprouse and talked about moving the wellsite to Mr. Sprouse’s land, and on December 9, 2005 Mr. Whiteside, Sr. sent the same offer letter to Mr. Sprouse along with the Surface Damage Release, Right-of Way and Archaeological Waiver and a Draft for \$3,500.00 for payment of the Well location.
6.     Mr. Whiteside, Sr. met with Mr. Sprouse on January 6, 2006 and discussed the Wellsite. On January 11, 2006, Mr. Sprouse had Mr. Lynn Snow call Mr. Whiteside, Sr. Mr. Snow is a Real Estate agent and told Mr. Whiteside, Sr. that he represented Mr. Sprouse and stated that Mr. Sprouse would only settle for payment of the fair market value of the land; that the land needed to be appraised; and, the market value determined before any operations could occur.
7.     Mr. Whiteside, Sr. was not able to obtain a Surface Agreement with Mr. Bowden or Mr. Sprouse. In 2006, I resumed the efforts to settle damages and obtain an agreement and had several conversations with Mr. Sprouse and Mr. Bowden between early 2006 and early 2007 concerning the Well location.
8.     On March 20, 2007, I left a message for Mr. David Bowden asking that he give me a call about the Well location. Mr. Bowden called on March 21, 2007 and we set up meeting for March 28, 2007 at 2:30 [m with Mr. Bowden, Wayne Garner. construction manager for El Paso, and myself. At the meeting on March 28<sup>th</sup>, the Well location was discussed with Mr. Bowden along with options for the pipeline and roads to the location. Mr. Bowden expressed again that he would rather not have El Paso drill the Well on his land. We expressed the need to survey the location and Mr. Bowden said he did not want the survey to occur until the surface issues were all resolved. Mr. Bowden stated he wanted to be paid the full market value for his land and an annual rental for the Well location. We offered \$5,000.00 to Mr. Bowden for the Well location plus \$15 per rod for the road and pipeline right-of-way.

9. In March 2007, Mr. and Mrs. Sprouse, Wayne Garner and myself had a meeting to discuss the options for the Well location, Mr. and Mrs. Sprouse said they had plans for a subdivision on their tract and did not want the well drilled on their land. A Surface Damage Release, Right-of Way and Archaeological Waiver and a Draft for \$5,000.00 for payment of the Well location was given to Mr. & Mrs. Sprouse for their review. We discussed the possibility of placing the Well location one-half on his land and one-half on Mr. Bowden's land to lessen the impact to any one surface owner so that Mr. Sprouse and Mr. Bowden would both have one-half the impact to their lands rather than one of them having the full impact.
10. During March and April of 2007, several conversations occurred with Mr. Bowden and Mr. Sprouse offering to pay them each \$5,000 and additional consideration for the Right-of-Way and to split the Well location between both of them and to place the access road to the Well down the property line between them.

On April 4, 2007, letters were sent by Express Mail to Mr. Bowden and Mr. and Mrs. Sprouse with the Surface Damage Release, Right-of Way and Archaeological Waiver and Drafts for \$5,000.00 for payment of the Well location to each of the landowners. After the letters were sent, follow-up phone conversations occurred between myself and Mr. Bowden and Mr. Sprouse.

On May 1, 2007, another set of letters were sent by Regular Mail, Express Mail and Certified Mail, to Mr. Bowden and Mr. Sprouse again offering to settle with the Surface Damage Release, Right-of Way and Archaeological Waiver and a Draft for \$5,000.00 for payment of the Well location to each of the two landowners. This letter also put the landowners on notice that Jerry Allred was going to be coming on the land to survey this location on May 10, 2007. Phone calls were also made to Mr. Bowden and to Mr. and Mrs. Sprouse with a message left with Mr. Sprouse and a conversation with Mr. Bowden explaining that the surveyor was scheduled to begin surveying the location.

Mr. Bowden explained he did not want the survey done until an agreement with El Paso was reached, and Mr. Sprouse called on May 4, 2007 and wrote a written response dated May 4, 2007, stating that he did not want a survey crew on his property until an agreement was reached.

11. Jerry Allred was hired by El Paso to survey the Well and on May 10, 2007 he called both Mr. Bowden and Mr. Sprouse to obtain permission to survey. Mr. Allred was denied access by the landowners to survey at this time.
12. Mr. Chris Jones, Attorney with Holland & Hart of Salt Lake City, was asked by El Paso to contact Mr. Sprouse and Mr. Bowden to obtain permission to survey the location.

In a letter dated May 24, 2007 to Mr. and Mrs. Sprouse and to Mr. Bowden, Mr. Jones requested access to survey the Well location. The letter also again offers to settle with each of the landowners for \$5,000.00 and for the Well location to be split between the owners. It is my understanding that Mr. Jones had conversations with both Mr. Sprouse and Mr. Bowden and Mr. Jones. Both Mr. and Mrs. Sprouse and Mr. Bowden failed to respond to El Paso's request to survey.

13. On June 12, 2007, I spoke to Wayne Garner who recommended that since neither of the surface owners were agreeable, we should locate the complete well location and pipelines in the NW corner of Mr. Sprouse's land with the pipelines going across the north side of his property to the Galloway 1-18B1. This placement would eliminate the need for tanks on this location which would limit the impact to Mr. Sprouse.

By letter dated June 15, 2007 addressed to Mr. and Mrs. Sprouse, Mr. Jones advised that the Sprouse location was the preferred location and requested again, permission to survey.

On June 22, 2007, Mr. Jones received a letter from Mr. Sprouse and also spoke to him. Mr. Sprouse's letter said he would settle damages for 1% of the Well's production. During the conversation, Mr. Sprouse indicated he wanted \$12,000 per acre and then became very upset when he read the June 15<sup>th</sup> letter and realized that El Paso preferred to have the entire Well location placed on his property.

Mr. Jones sent an email on Thursday June 28, 2007 stating that he had talked to both Mr. Sprouse and Mr. Bowden and that he (Mr. Jones) would continue trying to gain access for El Paso to survey the Well. Mr. Sprouse was relieved that El Paso was considering placing the wellsite on both property owners if they were allowed to survey.

On June 28, 2007, Mr. Jones stated in an email that he was sending the survey agreements by both regular and certified mail to each of the landowners in an attempt to gain access for El Paso to survey the location, this letter was sent to both of the landowners on June 29, 2007.

- 14. On, July 11, 2007, in an effort to settle surface damages, El Paso agreed to increase the surface damages to \$10,000 to each landowner. On that same day, in a phone conversation with me, Mr. Bowden agreed to \$10,000.00 for the Well location to each of the landowners and said for El Paso to proceed with the survey crew to survey the Well location. In an email from Mr. Jones, he (Mr. Jones) said that Mr. Sprouse had called and had given a verbal on the survey crew to do the work and that Mr. Sprouse was signing the Survey Agreement and that Mr. Sprouse did like the offer of the \$10,000 for each of the landowners for the Well location. On July 13, 2007 in a phone conversation Mr. Bowden related to me that he also was signing the Survey Agreement and returning it to Mr. Jones. On July 17, 2007 Mr. Jones emailed a copy of the signed Survey Agreement from Mr. Sprouse.
- 15. Jerry Allred was granted access to the surface to survey the Well location, the location was surveyed to fall one-half on each of Mr. Sprouse and Mr. Bowden's land and the road right-of-way was surveyed to go down the property line with each surface owner having one-half of the road on their property.
- 16. As of this date we have been unable to obtain a written agreement from Mr. Sprouse or Mr. Bowden for the surface use for the Well location and road and pipeline right-of-way.

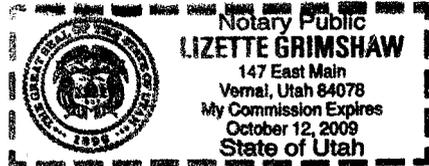
NOW THEREFORE, the undersigned affiant, John D. Whiteside, Jr., of lawful age, being first duly sworn and depose and say that the facts are true and correct to the best of his knowledge, Further Affiant saith not. Signed this 8<sup>th</sup> day November, 2007.

John D. Whiteside, Jr.  
By: John D. Whiteside, Jr.

STATE OF UTAH                    )  
COUNTY OF UTAH                )

On the 8<sup>th</sup> day of November, 2007, personally appeared John D. Whiteside, Jr., Affiant signer of the above instrument, who duly acknowledges to me that he executed the same.  
WITNESS my hand and official seal.

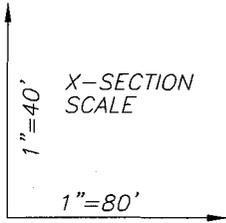
Lizette Grimshaw  
Notary Public



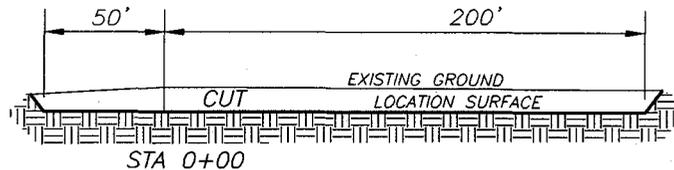
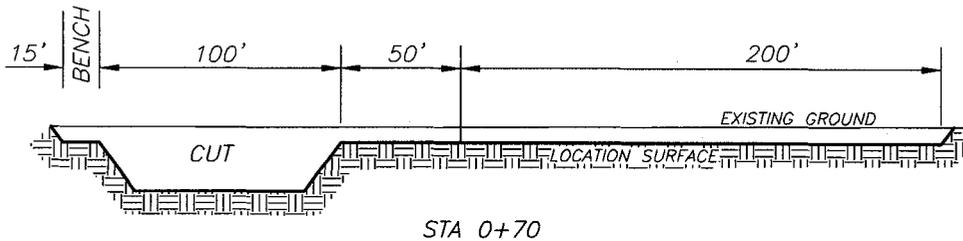
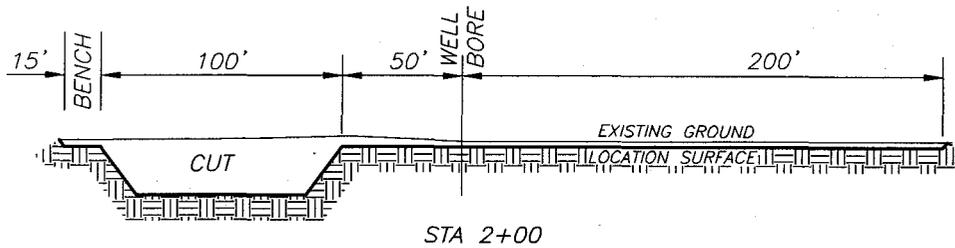
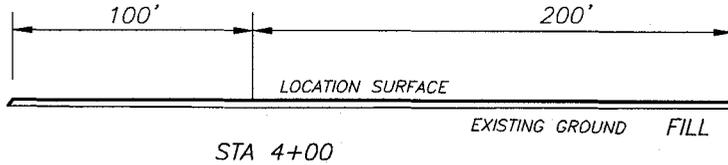
# EL PASO E & P COMPANY, L.P.

FIGURE #2

## LOCATION LAYOUT FOR SPROUSE-BOWDEN 2-18B1 SECTION 18, T2S, R1W, U.S.B.&M. 2427' FSL, 1525' FWL



NOTE:  
ALL CUT/FILL  
SLOPES ARE  
1½:1



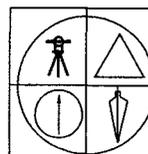
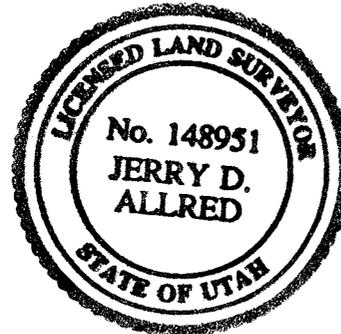
### APPROXIMATE YARDAGES

TOPSOIL STRIPPING: (6") = 2,400 CU. YDS.

REMAINING LOCATION CUT = 5,300 CU. YDS.

TOTAL CUT (INCLUDING PIT) = 9,500 CU. YDS.

TOTAL FILL = 850 CU. YDS.



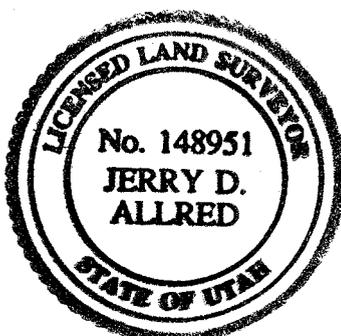
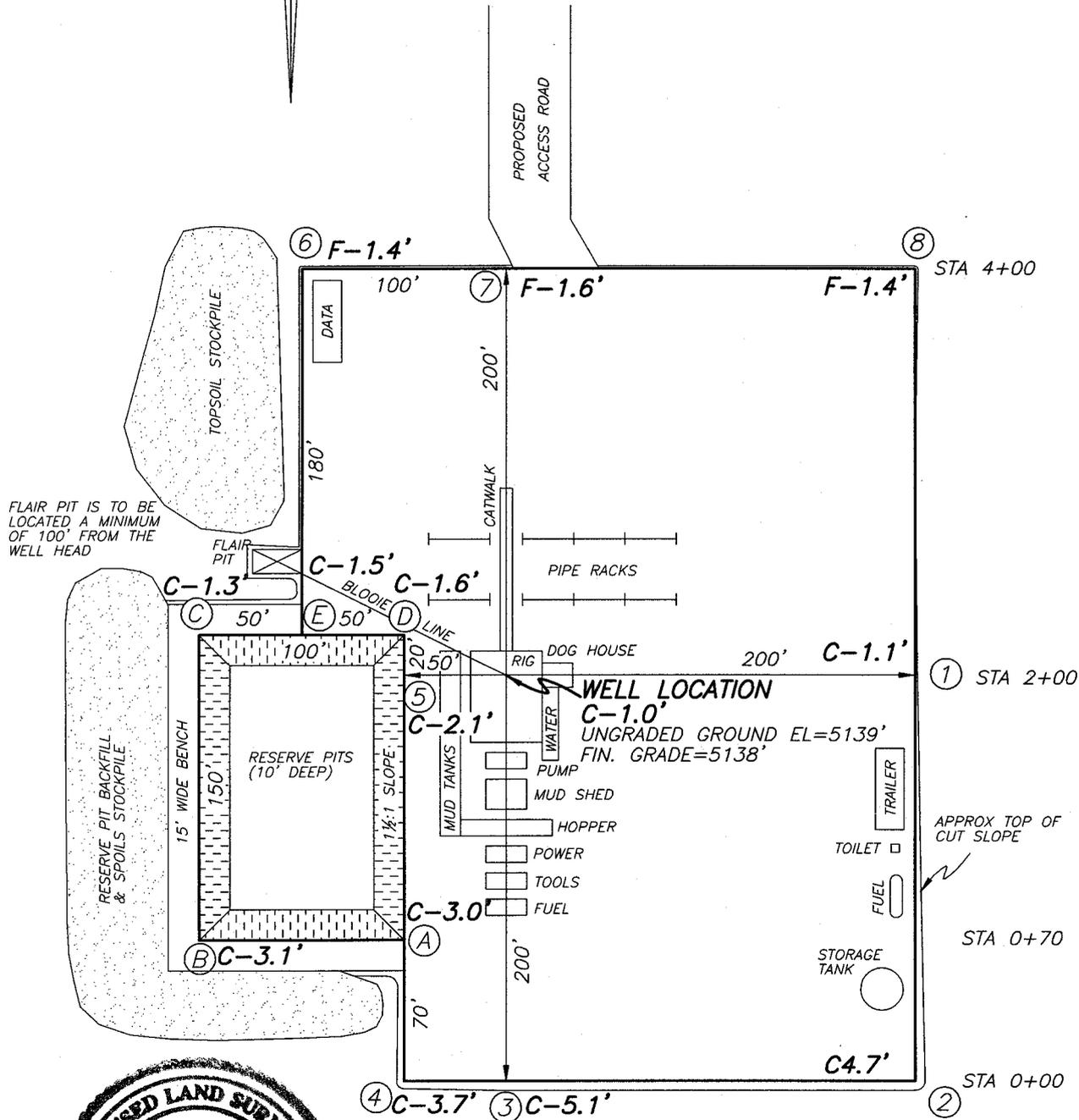
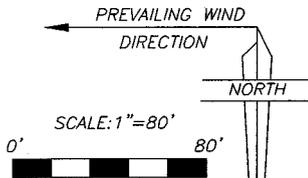
JERRY D. ALLRED & ASSOCIATES  
SURVEYING CONSULTANTS

121 NORTH CENTER ST.--P.O. BOX 975  
DUCHESNE, UTAH 84021  
(435) 738-5352

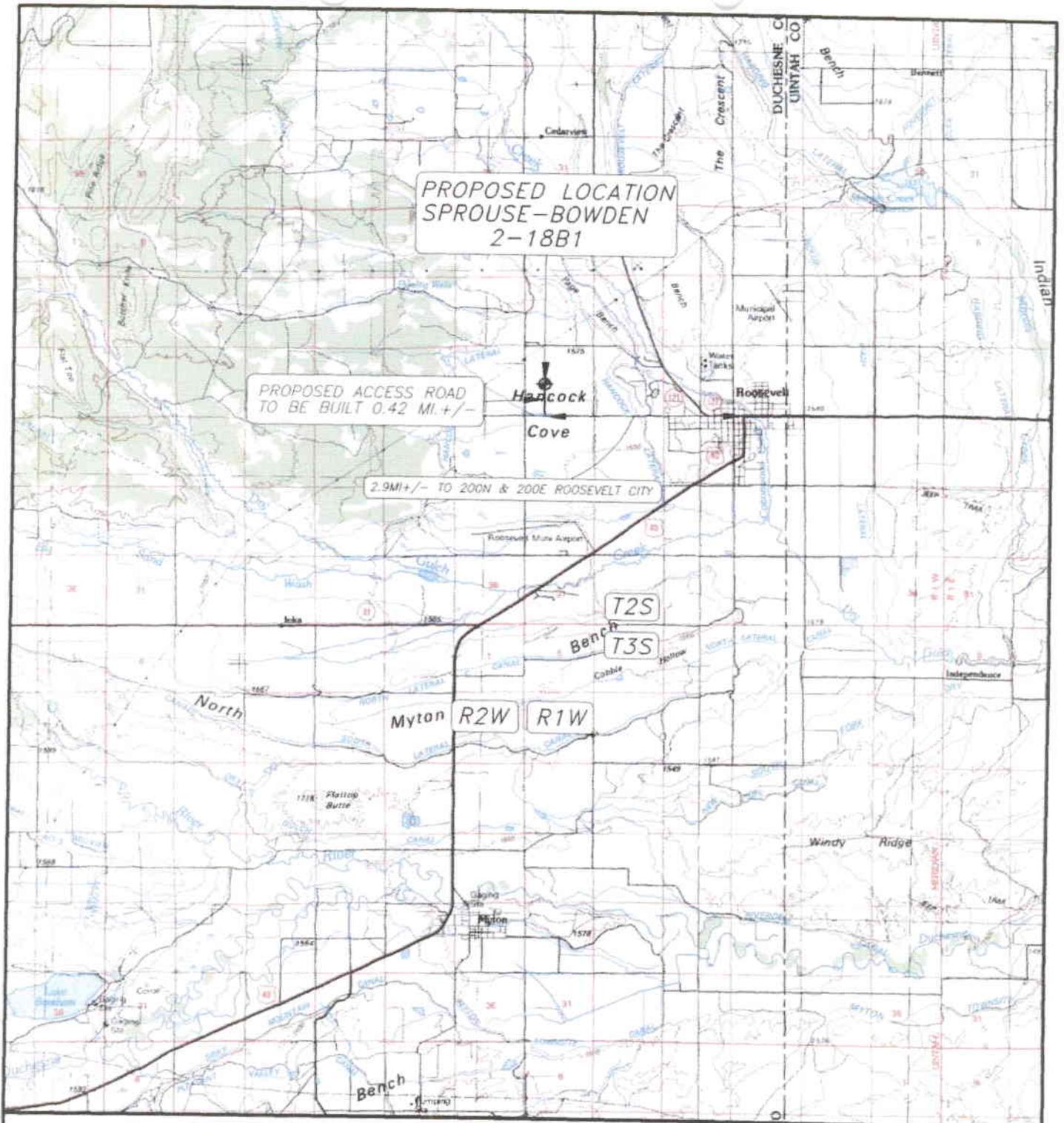
# EL PASO E & P COMPANY, L.P.

LOCATION LAYOUT FOR  
 SPROUSE-BOWDEN 2-18B1  
 SECTION 18, T2S, R1W, U.S.B.&M.  
 2427' FSL, 1525' FWL

FIGURE #1



		<b>JERRY D. ALLRED &amp; ASSOCIATES</b> SURVEYING CONSULTANTS 121 NORTH CENTER ST.--P.O. BOX 975 DUCHESNE, UTAH 84021 (435) 738-5352



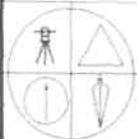
PROPOSED LOCATION  
SPROUSE-BOWDEN  
2-18B1

PROPOSED ACCESS ROAD  
TO BE BUILT 0.42 MI +/-

2.9MI +/- TO 200N & 200E ROOSEVELT CITY

**LEGEND:**

 PROPOSED WELL LOCATION



**JERRY D. ALLRED & ASSOCIATES**  
SURVEYING CONSULTANTS  
121 NORTH CENTER ST. -- P.O. BOX 975  
DUCHESNE, UTAH 84021  
(435) 738-5352

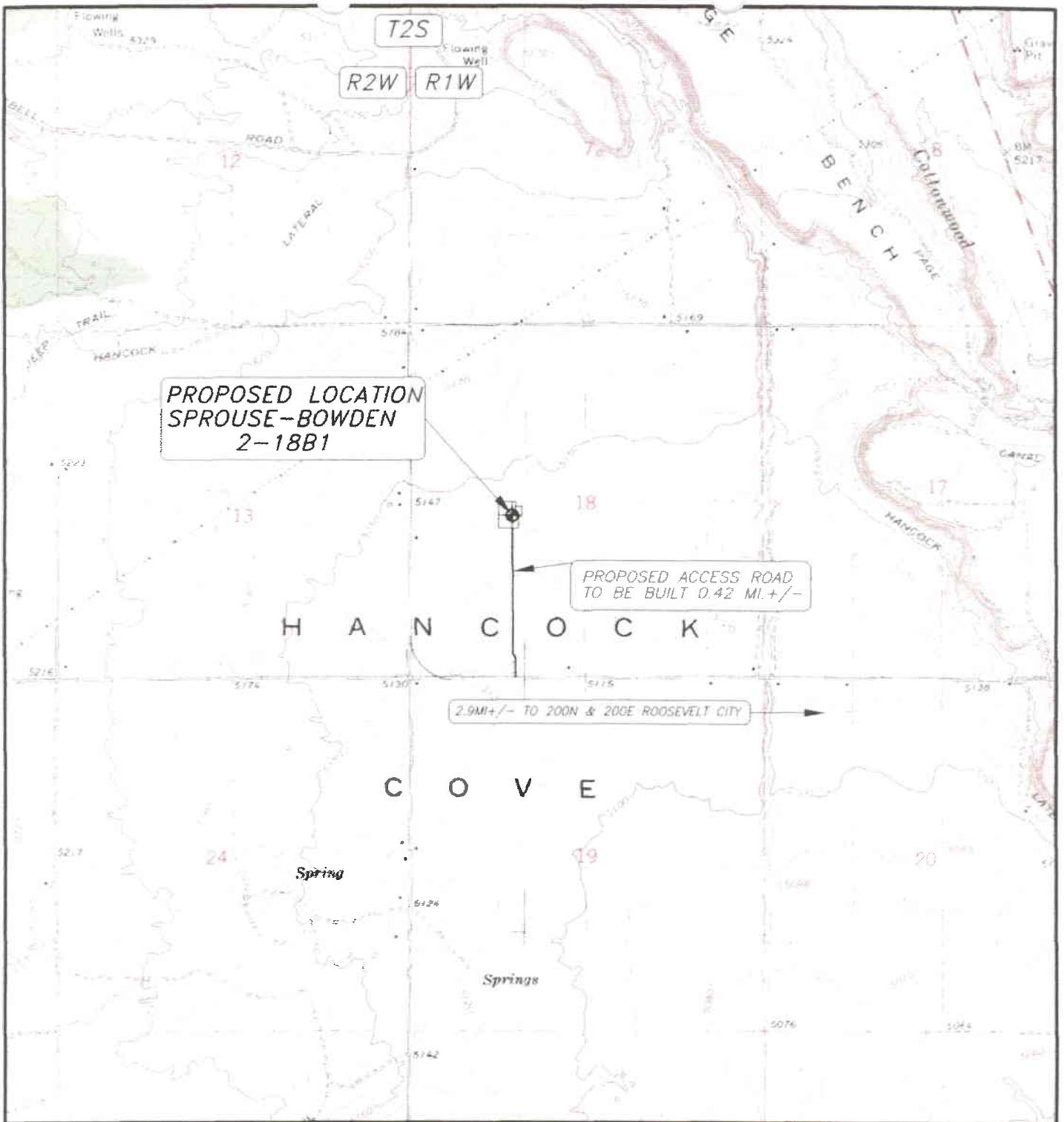


**EL PASO E & P COMPANY, L.P.**

SPROUSE-BOWDEN 2-18B1  
SECTION 18, T2S, R1W, U.S.B.&M.  
2427' FSL 1525' FWL

**TOPOGRAPHIC MAP "A"**

SCALE: 1"=10,000'  
14 AUG 2007



**LEGEND:**

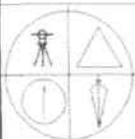
-  PROPOSED WELL LOCATION
-  PROPOSED ACCESS ROAD
-  EXISTING GRAVEL ROAD

**EL PASO E & P COMPANY, L.P.**

SPROUSE-BOWDEN 2-18B1  
 SECTION 18, T2S, R1W, U.S.B.&M.  
 2427' FSL 1525' FWL

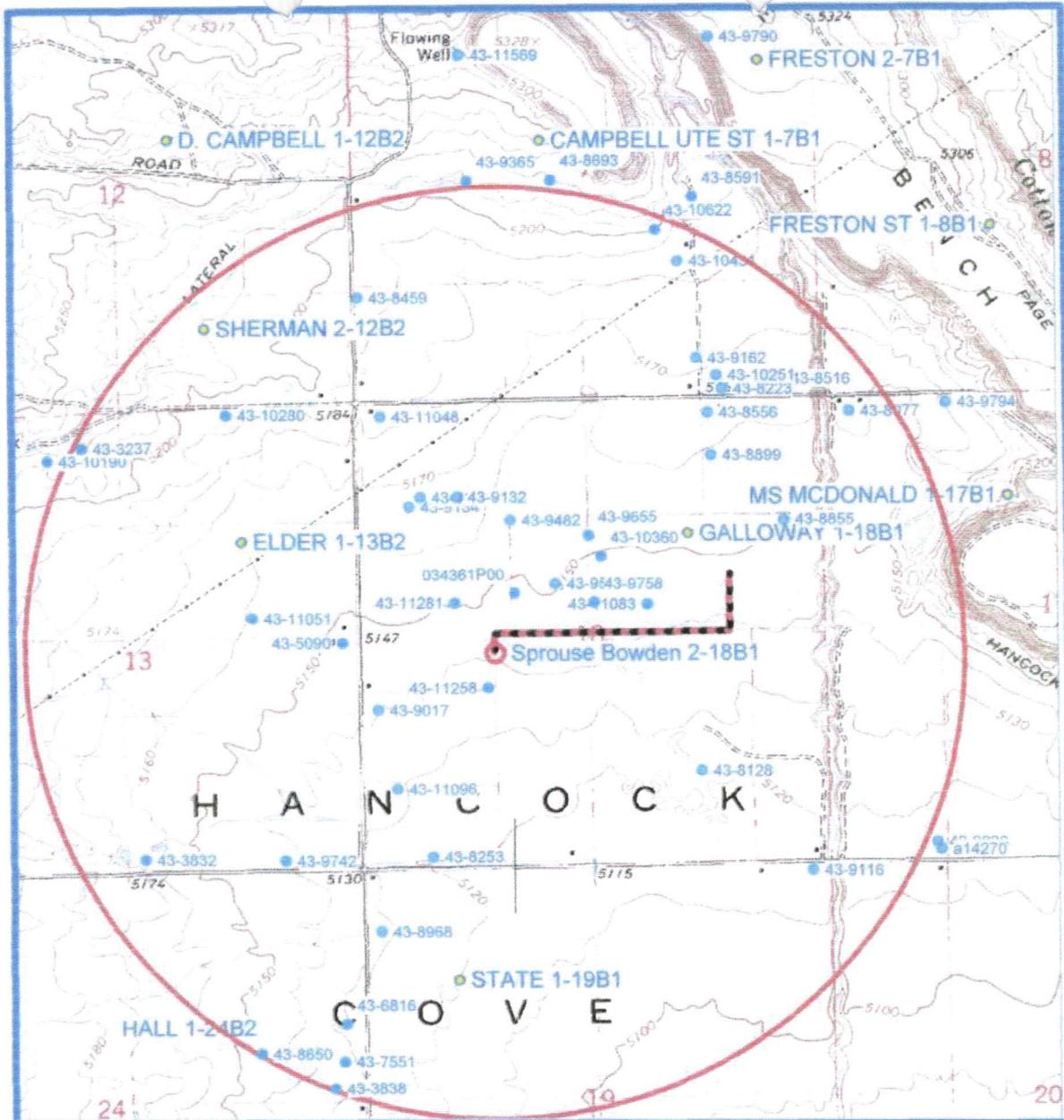
**TOPOGRAPHIC MAP "B"**

SCALE: 1"=2000'  
 14 AUG 2007



**JERRY D. ALLRED & ASSOCIATES**  
 SURVEYING CONSULTANTS  
 121 NORTH CENTER ST.--P.O. BOX 975  
 DUCHESNE, UTAH 84021  
 (435) 738-5352





**EXHIBIT C**

El Paso E&P Company, L.P.  
 Sprouse-Bowden 2-18B1  
 NESW Section 18 T2S R1W  
 Duchesne County, Utah  
 Scale 1 inch=2000 feet



-  Existing Oil Well
-  Existing water well



Proposed Pipeline Right-of-Way

**WORKSHEET  
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 11/15/2007

API NO. ASSIGNED: 43-013-33808

WELL NAME: SPROUSE BOWDEN 2-18B1  
 OPERATOR: EL PASO E&P COMPANY, LP ( N3065 )  
 CONTACT: LARRY BROWN

PHONE NUMBER: 307-237-9310

PROPOSED LOCATION:  
 NESW 18 020S 010W  
 SURFACE: 2427 FSL 1525 FWL  
 BOTTOM: 2427 FSL 1525 FWL  
 COUNTY: DUCHESNE  
 LATITUDE: 40.30874 LONGITUDE: -110.0423  
 UTM SURF EASTINGS: 581385 NORTHINGS: 4462254  
 FIELD NAME: BLUEBELL ( 65 )

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DKD	1/10/08
Geology		
Surface		

LEASE TYPE: 4 - Fee  
 LEASE NUMBER: FEE  
 SURFACE OWNER: 4 - Fee

PROPOSED FORMATION: WSTC  
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

Plat  
 Bond: Fed[] Ind[] Sta[] Fee[]  
 (No. 400JU0708 )  
 Potash (Y/N)  
 Oil Shale 190-5 (B) or 190-3 or 190-13  
 Water Permit  
 (No. 43-8496 )  
 RDCC Review (Y/N)  
 (Date: \_\_\_\_\_ )  
 Fee Surf Agreement ( )  
 Intent to Commingle (Y/N)

LOCATION AND SITING:

\_\_\_ R649-2-3.  
 Unit: \_\_\_\_\_  
 \_\_\_ R649-3-2. General  
 Siting: 460 From Qtr/Qtr & 920' Between Wells  
 \_\_\_ R649-3-3. Exception  
 Drilling Unit  
 Board Cause No: 139-42  
 Eff Date: 4-12-1985  
 Siting: 460' fr cont u bary 91320' fr other wells.  
 \_\_\_ R649-3-11. Directional Drill

COMMENTS: Needs Permit (11-29-07)

STIPULATIONS: 1- STATEMENT OF BASIS  
2- Cement st. p # 4 ( 13 3/8" and 9 5/8" )  
3- Cement st. p # 3 ( 5 1/2" production, 4260' MD )

T2S R2W T2S R1W

ELDER 1-BB2

GALLOWAY 1-18B1

SPROUSE BOWDEN  
2-18B1

18

**BLUEBELL FIELD**  
CAUSE: 139-42 / 4-12-1985

STATE 1-19B1

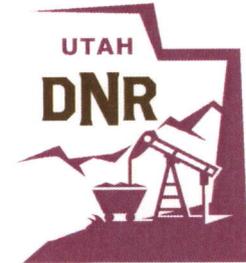
OPERATOR: EL PASO E&P CO (N3065)

SEC: 18 T.2S R.1W

FIELD: BLUEBELL (65)

COUNTY: DUCHESNE

CAUSE: 139-42 / 4-12-1985



OIL, GAS & MINING



PREPARED BY: DIANA MASON  
DATE: 27-NOVEMBER-2007

- Field Status**
- ABANDONED
  - ACTIVE
  - COMBINED
  - INACTIVE
  - PROPOSED
  - STORAGE
  - TERMINATED

- Unit Status**
- EXPLORATORY
  - GAS STORAGE
  - NF PP OIL
  - NF SECONDARY
  - PENDING
  - PI OIL
  - PP GAS
  - PP GEOTHERML
  - PP OIL
  - SECONDARY
  - TERMINATED

- Wells Status**
- GAS INJECTION
  - GAS STORAGE
  - LOCATION ABANDONED
  - NEW LOCATION
  - PLUGGED & ABANDONED
  - PRODUCING GAS
  - PRODUCING OIL
  - SHUT-IN GAS
  - SHUT-IN OIL
  - TEMP. ABANDONED
  - TEST WELL
  - WATER INJECTION
  - WATER SUPPLY
  - WATER DISPOSAL
  - DRILLING

# Application for Permit to Drill

## Statement of Basis

11/29/2007

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Ownr	CBM
605	43-013-33808-00-00		OW	P	No
<b>Operator</b>	EL PASO E&P COMPANY, LP	<b>Surface Owner-APD</b>			
<b>Well Name</b>	SPROUSE BOWDEN 2-18B1	<b>Unit</b>			
<b>Field</b>	UNDESIGNATED	<b>Type of Work</b>			
<b>Location</b>	NESW 18 2S 1W U 2427 FSL 1525 FWL GPS Coord (UTM) 581385E 4462254N				

### Geologic Statement of Basis

El Paso proposes to set 500 feet of surface casing and 4,400 feet of intermediate casing. The estimated depth to the base of moderately saline ground water is 3,100 feet. A search of Division of Water Rights records indicates that there are over 130 water wells within a 10,000 foot radius of the center of Section 18. There are over 20 wells in section 18. The nearest water well is less than .25 miles from the proposed site. These wells produce water from the Duchesne River Formation and are in the range of 30 -380 feet deep. The surface hole will be drilled utilizing fresh water mud. The proposed casing and cementing program should adequately protect the highly used Duchesne River aquifer. The cement for the intermediate string of casing should be brought up above the base of the moderately saline ground water to isolate it from deeper saline water.

Brad Hill  
APD Evaluator

11/29/2007  
Date / Time

### Surface Statement of Basis

The proposed location is in Duchesne County approximately 3.3 miles west of Roosevelt, Utah in an area locally known as Hancock Cove. Access is by Duchesne County roads to a point where a new road will be constructed north 0.42 miles to the location. Terrain in the general area is flat. No drainages concerns exist. Much of the surrounding area is used for agriculture, with some single residences and housing complexes existing or being constructed. No seeps, springs or streams are known to occur in the immediate area. Water for irrigation is transmitted in buried pipelines or open ditches.

The surface for the proposed Sprouse-Bowden 2-18B1 oil well is divided between two owners. Mr. Tom Sprouse owns the east part of the location and Mr. David Bowden owns the west part. The minerals are privately owned and leased by El Paso E&P Company. The ownership divides east-west going south along an existing fence-line. This fence line is bordered with a dense growth of Russian olive trees and other shrubs and grasses. The west portion of the location is currently irrigated and supports a good stand of mixed grasses. The east portion is agricultural land that appears not to be currently irrigated. It supports a poor stand of alfalfa, grasses and weeds. The north end of the location is bordered by property of another owner and also is separated by a fence. No topographic concerns exist which should prevent construction of a well pad and drilling and operating a well.

Both Mr. Bowden and Mr. Sprouse were invited by telephone to attend the pre-site visit. Both said they would attend but only Mr. Bowden attended.

Mr. Bowden stated he plans to put his field under a pivot overhead sprinkler irrigation system. He expressed concern as to how the pad and facilities on the pad would infringe on the pivot circle. Agreement was reached between Mr. Garner of El Paso and Mr. Bowden to rotate the location 180 degrees, which would cause less interruption to the system once the reserve pit is reclaimed. Mr. Garner agreed that El Paso would reduce the width of the location between corners 2 and 8 on the east side by 25 feet.

Mr. Garner of El Paso also agreed that the road ROW to the location would be fenced on both sides. The location would also be fenced. The ROW fence would be a net wire fence with two top strands of barbed wire.

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# Application for Permit to Drill

## Statement of Basis

11/29/2007

Utah Division of Oil, Gas and Mining

Page 2

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A metal stay would be placed between each post. A gate would be put in the fence line near the entrance of Mr. Bowdens property off the county road and also near the location.

Floyd Bartlett  
Onsite Evaluator

11/29/2007  
Date / Time

### Conditions of Approval / Application for Permit to Drill

Category	Condition
Drilling	Location needs to be turned 180 degrees
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.

# ON-SITE PREDRILL EVALUATION

## Utah Division of Oil, Gas and Mining

**Operator** EL PASO E&P COMPANY, LP  
**Well Name** SPROUSE BOWDEN 2-18B1  
**API Number** 43-013-33808-0      **APD No** 605      **Field/Unit** UNDESIGNATED  
**Location:** 1/4,1/4 NESW      **Sec** 18      **Tw** 2S      **Rng** 1W      2427 FSL 1525 FWL  
**GPS Coord (UTM)**      **Surface Owner**

### Participants

Floyd Bartlett, Dennis Ingram (DOGM), Wayne Garner (Construction Supervisor, El Paso) , John Whitesides (Landman Elpaso), David Bowden (Surface Owner)

### Regional/Local Setting & Topography

The proposed location is in Duchesne County approximately 3.3 miles west of Roosevelt, Utah in an area locally known as Hancock Cove. Access is by Duchesne County roads to a point where a new road will be constructed north 0.42 miles to the location. Terrain in the general area is flat. No drainages concerns exist. Much of the surrounding area is used for agriculture, with some single residences and housing complexes existing or being constructed. No seeps, springs or streams are known to occur in the immediate area. Water for irrigation is transmitted in buried pipelines or open ditches.

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### Surface Use Plan

#### **Current Surface Use**

Grazing  
Agricultural  
Wildlfe Habitat

#### **New Road**

<b>Miles</b>	<b>Well Pad</b>	<b>Src Const Material</b>	<b>Surface Formation</b>
0.42	<b>Width</b> 340 <b>Length</b> 400	Onsite	UNTA

**Ancillary Facilities** N

### Waste Management Plan Adequate? Y

### Environmental Parameters

**Affected Floodplains and/or Wetland** N

#### **Flora / Fauna**

Livestock, deer and smaller mammals and birds.

Smooth brome grass, orchard grass, wheat grasses, alfalfa, coyote willow, Russian olive trees.

**Soil Type and Characteristics**

Deep sandy loam with no surface rock

**Erosion Issues** N

**Sedimentation Issues** N

**Site Stability Issues** N

**Drainage Diversion Required** N

**Berm Required?** N

**Erosion Sedimentation Control Required?** N

**Paleo Survey Run?** N    **Paleo Potential Observed?** N    **Cultural Survey Run?** N    **Cultural Resources?** N

**Reserve Pit**

**Site-Specific Factors**

**Site Ranking**

<b>Distance to Groundwater (feet)</b>	25 to 75	15
<b>Distance to Surface Water (feet)</b>	>1000	0
<b>Dist. Nearest Municipal Well (ft)</b>	>5280	0
<b>Distance to Other Wells (feet)</b>	>1320	0
<b>Native Soil Type</b>	Mod permeability	10
<b>Fluid Type</b>	Fresh Water	5
<b>Drill Cuttings</b>	Normal Rock	0
<b>Annual Precipitation (inches)</b>	<10	0
<b>Affected Populations</b>	10 to 30	6
<b>Presence Nearby Utility Conduits</b>	Not Present	0

**Final Score** 36    1    **Sensitivity Level**

**Characteristics / Requirements**

The reserve pit is proposed on the southwest corner of the location with most of it being in an area of cut. Dimensions are 100' x 150' x 10' deep. A 15' bench is planned on the outer sides.

**Closed Loop Mud Required?** N    **Liner Required?** Y    **Liner Thickness** 16    **Pit Underlayment Required?** Y

**Other Observations / Comments**

Mr Bowden agreed to waive the need for an archeological survey.  
A new survey will be completed for location and a revised layout sheet submitted.  
GPS location of center stake not taken. GPS not functioning.

Floyd Bartlett  
Evaluator

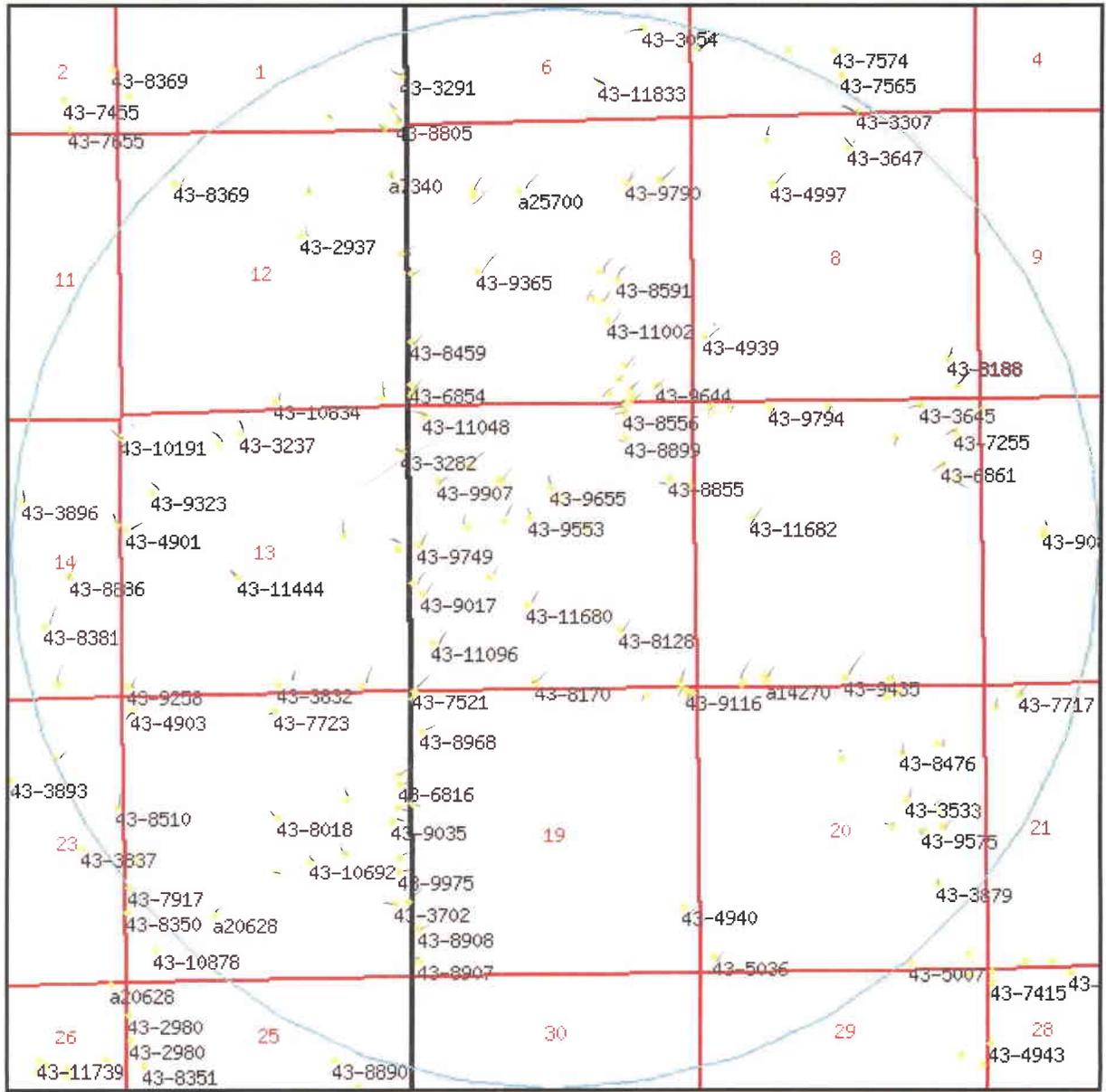
11/29/2007  
Date / Time



### WRPLAT Program Output Listing

Version: 2007.04.13.01      Rundate: 11/29/2007 03:12 PM

Radius search of 10000 feet from a point N2640 E2640 from the SW corner, section 18, Township 2S, Range 1W, US b&m Criteria:wrtypes=W,C,E podtypes=U status=U,A,P usetypes=all



**Water Rights**

<b>WR Number</b>	<b>Diversion Type/Location</b>	<b>Well Log</b>	<b>Status</b>	<b>Priority</b>	<b>Uses</b>	<b>CFS</b>	<b>ACFT</b>	<b>Owner</b>
<u>43-10161</u>	Underground N392 W230 SE 01 2S 2W US		P	19890706	DIS	0.014	1.340	DEVAN MICHAEL P.O. BOX 1872
<u>43-10164</u>	Underground N155 W360 S4 18 2S 1W US		A	19890816	DI	0.015	0.870	WILLIAM KEITH A TANNER 11250 PLAYA STRE
<u>43-10190</u>	Underground S571 W831 N4 13 2S 2W US	<u>well info</u>	P	19900109	DIS	0.009	2.346	DEVERE HANCOCK ROUTE 1, BOX 1618
<u>43-10191</u>	Underground S300 W22 NE 14 2S 2W US		P	19900109	S	0.013	0.896	DEVERE HANCOCK ROUTE 1, BOX 1618
<u>43-10251</u>	Underground N254 W1167 SE 07 2S 1W US	<u>well info</u>	P	19901011	DIS	0.015	1.590	NEIL C. AND KATH WILKERSON ROUTE 1, BOX 163
<u>43-10275</u>	Underground S407 W221 E4 24 2S 2W US	<u>well info</u>	P	19910208	DI	0.015	1.200	BILLY D. HULLING ROUTE 3 BOX 3027
<u>43-10280</u>	Underground S81 E1184 N4 13 2S 2W US	<u>well info</u>	P	19910225	DIS	0.008	1.730	DEVERE HANCOCK ROUTE 1, BOX 1618
<u>43-10289</u>	Underground N1930 W2454 SE 24 2S 2W US	<u>well info</u>	P	19910415	DI	0.015	1.200	MARILYN COOPER RT. 3 BOX 3023A
<u>43-10317</u>	Underground N1420 E1233 W4 07 2S 1W US	<u>well info</u>	P	19911101	DIS	0.011	1.194	JOEL AND KARELA RT. 1 BOX 1572
<u>43-10360</u>	Underground S1779 E131 N4 18 2S 1W US	<u>well info</u>	P	19920820	DIS	0.015	1.560	TRICIA MCDONAL RT. 1 BOX 1621
<u>43-10391</u>	Underground S101 W387 NE 29 2S	<u>well info</u>	P	19930608	DIS	0.000	4.506	ANDERSON

	1W US						4125 SOUTH 900 EA
<u>43-10431</u>	Underground	<a href="#">well info</a>	P	19930824 DI	0.000	1.200	JEFF AND TRACY N1547 W1577 SE 07 2S 1W US RR4 BOX 4229
<u>43-10622</u>	Underground	<a href="#">well info</a>	A	19960807 DIS	0.000	1.730	KEVIN YOUNG S710 W1815 E4 07 2S 1W US RR4 BOX 4223
<u>43-10692</u>	Underground	<a href="#">well info</a>	P	19970320 DIS	0.000	1.170	JOLYN RICHARDS N2175 W1846 SE 24 2S 2W US RT. 3 BOX 3023B
<u>43-10834</u>	Underground	<a href="#">well info</a>	P	19980609 DIS	0.000	1.730	COLIN L. AND LAN N188 E194 S4 12 2S 2W US P. O. BOX 313
<u>43-10878</u>	Underground	<a href="#">well info</a>	A	19990205 DIS	0.000	1.730	MAX LEON AND T N590 E510 SW 24 2S 2W US P. O. BOX 757
<u>43-11002</u>	Underground		P	20000210 D	0.000	0.450	TRACY WOMACK N1547 W1577 SE 07 2S 1W US RR4 BOX 4229
<u>43-1101</u>	Underground	<a href="#">well info</a>	P	19530309 DOS	0.040	0.000	WILLIAM J. OSTLE N850 W125 E4 29 2S 1W US ROOSEVELT UT 84
<u>43-11048</u>	Underground	<a href="#">well info</a>	A	20000703 DIS	0.000	1.480	CARL R. & EVELYN S170 E280 NW 18 2S 1W US 52 E 200 N
<u>43-11051</u>	Underground	<a href="#">well info</a>	A	20000711 DIS	0.000	1.480	GREG AND SHALO REYNOLDS N250 W1200 E4 13 2S 2W US RR 4 BOX 4470
<u>43-11052</u>	Underground	<a href="#">well info</a>	A	20000713 I	0.000	3.000	INEZ ANDERTON N1200 W820 S4 05 2S 1W US RR 4 BOX 4104
<u>43-11096</u>	Underground	<a href="#">well info</a>	A	20001006 DIS	0.000	1.480	KENNETH G. & ION N900 E400 SW 18 2S 1W US 308 NORTH WILKIN
<u>43-11136</u>	Underground		A	19860722 I	0.160	0.000	RUSSELL A. AND A

								LARSEN
	N1400 W1812 E4 12 2S 2W US							3846 NORTH 2400 V
<u>43-11136</u>	Underground	<u>well info</u>	A	19860722 I	0.160	0.000		RUSSELL A. AND A LARSEN
	N1400 E1188 W4 07 2S 1W US							3846 NORTH 2400 V
<u>43-11136</u>	Underground		A	19860722 I	0.160	0.000		RUSSELL A. AND A LARSEN
	N1400 E2038 W4 07 2S 1W US							3846 NORTH 2400 V
<u>43-11258</u>	Underground	<u>well info</u>	A	20020531 DIS	0.000	1.480		RUSSELL WAYNE MULLINS
	S600 W3800 E4 18 2S 1W US							RT. 1 BOX 1629
<u>43-11281</u>	Underground	<u>well info</u>	A	20020806 DIS	0.000	1.480		ALBERT RICHARD
	N400 E1070 W4 18 2S 1W US							P. O. BOX 955
<u>43-11406</u>	Underground	<u>well info</u>	A	20030224 DIS	0.000	1.480		MARY B. DEAN
	N500 E1740 W4 18 2S 1W US							ROUTE 1 BOX 1617
<u>43-11444</u>	Underground		A	20030620 DI	0.000	1.200		STEVE T. GALE
	N2220 E2120 SE 14 2S 2W US							ROUTE 3 BOX 3048
<u>43-11536</u>	Underground	<u>well info</u>	A	20040524 IS	0.000	1.030		WESTON R. AND K WEAVER
	N1300 E100 SW 05 2S 1W US							RT. 1 BOX 1711
<u>43-11542</u>	Underground	<u>well info</u>	A	20040610 DI	0.000	1.200		GARRY ROHRER
	S475 W1220 N4 08 2S 1W US							ROUTE 1 BOX 1720
<u>43-11569</u>	Underground	<u>well info</u>	A	20040913 DIS	0.000	1.480		BOYD AND FRANC
	S1310 E1240 NW 07 2S 1W US							P.O. BOX 694
<u>43-11594</u>	Underground		A	20041215 DIS	0.000	1.480		DAVID AND AMY 1
	S1080 W880 NE 20 2S 1W US							356 NORTH 200 WE
<u>43-11616</u>	Underground		A	20050407 DIS	0.000	1.480		KRISTIE LEE COPE
	S1650 W1650 NE 26 2S 2W US							4345 WEST 1250 SO
<u>43-11616</u>	Underground		A	20050407 DIS	0.000	1.480		KRISTIE LEE COPE

	S1550 W1500 NE 26 2S 2W US						4345 WEST 1250 SO
<u>43-11618</u>	Underground	<u>well info</u>	A	20050412 DIS	0.000	1.480	RICKY AND SHERI HADLOCK
	S210 W1700 E4 07 2S 1W US						RR 1 BOX 1636A
<u>43-11680</u>	Underground		A	20050908 DS	0.000	1.480	TOM H. SPROUSE
	N1580 W500 S4 18 2S 1W US						855 EAST 200 NOR
<u>43-11682</u>	Underground		A	20050912 DIS	0.000	1.480	LESSLE AND LANE
	N500 E1000 W4 17 2S 1W US						559 EAST 700 NOR
<u>43-11739</u>	Underground	<u>well info</u>	A	20060308 DIS	0.000	1.480	MAX LEON AND T.
	S1450 W1625 NE 26 2S 2W US						P. O. BOX 757
<u>43-11784</u>	Underground		A	20060627 IS	0.000	0.930	WESTCOVE MORG
	S330 W1000 E4 14 2S 2W US						P. O. BOX 637
<u>43-11790</u>	Underground	<u>well info</u>	A	20060711 DIS	0.000	1.480	BENJAMIN AND KI
	N60 W400 SE 01 2S 2W US						PO BOX 803
<u>43-11828</u>	Underground		A	20060926 DIS	0.000	1.480	TIMOTHY D. & TRI MCDONALD
	N325 W2000 E4 18 2S 1W US						RR4 BOX 4633
<u>43-11830</u>	Underground		A	20060928 DIS	0.000	1.480	PEHRSON FAMILY
	S1100 W1200 NE 23 2S 2W US						ROUTE 3 BOX 3053
<u>43-11833</u>	Underground	<u>well info</u>	A	20061004 DIS	0.000	1.480	ROY AND SHELLY
	N720 E930 S4 06 2S 1W US						P. O. BOX 73
<u>43-11924</u>	Underground		A	20070605 I	0.000	0.750	TIM C. MILLER
	S1360 E1720 NW 18 2S 1W US						ROUTE 4 BOX 4620
<u>43-12022</u>	Underground	<u>well info</u>	U	20071120 DIS	0.000	1.480	HAL MECHAM
	N250 W1440 SE 01 2S 2W US						ROUTE 1 BOX 1560
<u>43-12023</u>	Underground	<u>well info</u>	U	20071120 DIS	0.000	1.480	HAL MECHAM
	N700 E200 SW 01 2S 2W US						ROUTE 1 BOX 1560

<u>43-1301</u>	Underground N100 W896 SE 13 2S 2W US		P	1934	S	0.015	0.000	RAY AND PAT ZUF BOX 183
<u>43-2272</u>	Underground N891 W1127 E4 26 2S 2W US		P	19720204	IS	0.470	161.850	MAX LEON ROSS P.O. BOX 757
<u>43-2436</u>	Underground S640 E70 W4 18 2S 1W US		P	19200320	DIS	0.022	0.000	SPENCER BOWDEN ROUTE #1
<u>43-2931</u>	Underground N1130 W250 E4 24 2S 2W US		P	19760721	DIS	0.044	0.000	ROY LARSEN ROUTE 1, BOX 113,
<u>43-2932</u>	Underground S380 E235 W4 24 2S 2W US		P	19760721	DIS	1.000	0.000	JERRY B. AND DIA 9141 SOUTH 1380 E
<u>43-2937</u>	Underground S1947 W1933 NE 12 2S 2W US	<u>well info</u>	P	19730615	O	0.015	10.450	DARWOOD L. CAM 951 WEST 200 NOR'
<u>43-2938</u>	Underground S868 E100 W4 24 2S 2W US	<u>well info</u>	P	19730618	DIS	0.013	0.000	DANIEL L. AND LE P.O.BOX 634
<u>43-2979</u>	Underground S50 W300 NE 26 2S 2W US		A	19731015	DIS	2.000	0.000	MAX LEON ROSS P.O. BOX 757
<u>43-2979</u>	Underground N1270 E1600 SW 24 2S 2W US		A	19731015	DIS	2.000	0.000	MAX LEON ROSS P.O. BOX 757
<u>43-2980</u>	Underground S605 E54 NW 25 2S 2W US		P	19731015	IOS	0.250	43.270	MILTON B. THACK 2779 EAST WATER
<u>43-2980</u>	Underground S1087 E92 NW 25 2S 2W US	<u>well info</u>	P	19731015	IOS	0.250	43.270	MILTON B. THACK 2779 EAST WATER
<u>43-2982</u>	Underground N238 W440 SE 08 2S 1W US	<u>well info</u>	P	19801020	DIS	0.015	0.000	BENNETT AND BO MCCATHERN RT. 1, BOX 22
<u>43-2994</u>	Underground N1020 W1020 E4 26 2S 2W US	<u>well info</u>	P	19731204	DIS	0.050	0.000	MAX LEON & TERL P.O. BOX 757

well

<u>43-3054</u>	Underground	<u>info</u>	P	19620614 DIS	0.022	0.000	BOYD LEE FRESTER S1010 W850 E4 06 2S 1W US ARCADIA UT 84012
<u>43-3227</u>	Underground		P	19370603 IS	0.011	0.000	WM J. OSTLER S120 E55 NW 19 2S 1W US RFD NO. 1
<u>43-3237</u>	Underground	<u>well info</u>	P	19390710 DIS	0.013	0.000	H. P. MARX S431 W446 N4 13 2S 2W US 1159 WEST 900 SOUTH
<u>43-3246</u>	Underground	<u>well info</u>	P	19400304 DIS	0.015	0.000	WESTCOVE MORGAN S1958 W88 NE 14 2S 2W US P. O. BOX 637
<u>43-3264</u>	Underground	<u>well info</u>	P	19420209 DIS	0.007	0.000	LOUIS E. ALLRED S177 E26 NW 16 2S 1W US 320 5TH AVENUE
<u>43-3269</u>	Underground		P	19420810 DIS	0.008	0.000	MERLAN AND LINCOLN N273 W384 SE 20 2S 1W US ROUTE 1 BOX 1019
<u>43-3278</u>	Underground	<u>well info</u>	P	19430605 DOS	0.007	0.000	J. C. ZIMMERMAN S402 E198 NW 21 2S 1W US ROOSEVELT UT 84
<u>43-3282</u>	Underground		P	19440322 DIS	0.004	0.000	JOHN M. ZUPKO S824 W117 NE 13 2S 2W US RFD #1
<u>43-3285</u>	Underground		P	19441103 D	0.015	0.000	LEO V. HANCOCK S50 E330 NW 17 2S 1W US ROOSEVELT UT 84
<u>43-3291</u>	Underground	<u>well info</u>	P	19450716 DIS	0.009	0.000	HAL F. MECHAM N990 W100 SE 01 2S 2W US ROUTE #1 BOX 101
<u>43-3307</u>	Underground		P	19460114 D	0.015	0.000	DORA J. FRESTER N75 E425 S4 05 2S 1W US ROOSEVELT UT 84
<u>43-3315</u>	Underground	<u>well info</u>	P	19460308 DS	0.004	0.000	JAMES W. & VELIL SUMMARELL S125 W1593 NE 20 2S 1W US RT. 2, BOX 9
<u>43-3336</u>	Underground		P	19460905 D	0.015	0.000	MRS. MALINDA M. 0 W300 SE 18 2S 1W US ROOSEVELT UT 84

<u>43-3345</u>	Underground N411 E64 SW 07 2S 1W US	P	19461118 DI	0.067	0.000	ALMA L. WILLS RFD #1
<u>43-3438</u>	Underground S2055 E46 NW 19 2S 1W US	P	19510706 D	0.015	0.000	WILLIAM J. JR. OS ROOSEVELT UT 84
<u>43-3451</u>	Underground S1425 W400 NE 17 2S 1W US	P	19520528 DS	0.015	0.000	MATTHEW R. FOLI ROOSEVELT UT 84
<u>43-3465</u>	Underground S140 E634 NW 21 2S 1W US	P	19521205 D	0.015	0.000	DARWOOD L. CAM 951 WEST 200 NOR
<u>43-3471</u>	Underground N1061 W532 E4 29 2S 1W US	P	19530407 D	0.015	0.000	NORTHERN GAS & COMPANY (C/O JOHN POWELL AMUNDSON)
<u>43-3478</u>	Underground N110 W1730 SE 17 2S 1W US	P	19530623 D	0.015	0.000	FORREST WHIPPLI ROOSEVELT UT 84
<u>43-3533</u>	Underground S2105 W1420 NE 20 2S 1W US	P	19550930 D	0.015	0.000	KENNETH J. & SAN HENNEFER 400 SOUTH SUMMI
<u>43-3535</u>	Underground N150 W345 SE 18 2S 1W US	P	19551005 D	0.015	0.000	CHARLES E. BOWI ROOSEVELT UT 84
<u>43-3562</u>	Underground S3877 W42 NE 24 2S 2W US	P	19561206 D	0.015	0.000	IRVIN C. BIRD ROOSEVELT UT 84
<u>43-3566</u>	Underground S1340 W2620 NE 20 2S 1W US	P	19570308 S	0.015	0.000	MILLARD & ANNIE 385 W. APPLE
<u>43-3641</u>	Underground S650 E1070 N4 17 2S 1W US	P	19420914 DS	0.003	0.000	CYRUS B. LARSEN ROOSEVELT UT 84
<u>43-3645</u>	Underground S100 W1125 NE 17 2S 1W US	P	19500302 DS	0.015	0.000	WESTERN SLOPE F P. O. BOX 726
<u>43-3646</u>	Underground S1140 W600 SE 06 2S 1W US	P	19500307 DO	0.015	0.000	S. H. FRESTON ROOSEVELT UT 84
<u>43-3647</u>	Underground S594 E264 N4 08 2S 1W US	P	19520317 DS	0.015	0.000	WENDELL S. FRES STAR ROUTE

<u>43-3702</u>	Underground		P	19630409 DIS	0.015	0.000	CLAUDE L. AND A. MATHEWS ROOSEVELT UT 84
	N1390 W290 SE 24 2S 2W US						
<u>43-3832</u>	Underground	<u>well info</u>	P	19650128 DIS	0.015	0.000	LEONARD J. ELDEI ROUTE #1, BOX 19
	N175 E200 S4 13 2S 2W US						
<u>43-3837</u>	Underground		P	19650301 DIS	0.050	0.000	AMY MATHEWS BOX 365
	S150 W780 E4 23 2S 2W US						
<u>43-3838</u>	Underground	<u>well info</u>	P	19650303 S	0.009	0.000	SHIRLEY DUANE F 1965 E. VISCOUNTI
	N241 W351 E4 24 2S 2W US						
<u>43-3879</u>	Underground		P	19160510 DIS	0.013	0.000	GEORGE TAYLOR ROOSEVELT UT 84
	N1594 W939 SE 20 2S 1W US						
<u>43-3880</u>	Underground		P	M	0.741	0.000	ROOSEVELT CITY 255 SOUTH STATE
	N243 W1209 SE 14 2S 2W US						
<u>43-3881</u>	Underground		P	19290710 DIM	0.067	48.420	ROOSEVELT CITY 255 SOUTH STATE
	S1397 E588 N4 23 2S 2W US						
<u>43-3881</u>	Underground		P	19290710 DIM	0.067	48.420	ROOSEVELT CITY 255 SOUTH STATE
	N233 W1162 SE 14 2S 2W US						
<u>43-3882</u>	Underground		P	19340415 M	0.076	54.920	ROOSEVELT CITY 255 SOUTH STATE
	S1397 E588 N4 23 2S 2W US						
<u>43-3882</u>	Underground		P	19340415 M	0.076	54.920	ROOSEVELT CITY 255 SOUTH STATE
	N233 W1162 SE 14 2S 2W US						
<u>43-3884</u>	Underground		P	19340616 DIM	0.223	161.160	ROOSEVELT CITY 255 SOUTH STATE
	S1397 E588 N4 23 2S 2W US						
<u>43-3884</u>	Underground		P	19340616 DIM	0.223	161.160	ROOSEVELT CITY 255 SOUTH STATE
	N233 W1162 SE 14 2S 2W US						
<u>43-3886</u>	Underground		P	19180602 DIS	0.007	0.000	J. O. GRIFFIN ROOSEVELT UT 84
	N203 E112 SW 13 2S 2W US						
<u>43-3889</u>	Underground		P	19290810 IM	0.045	0.000	ROOSEVELT CITY 255 SOUTH STATE
	S1397 E588 N4 23 2S						

	2W US						
<u>43-3889</u>	Underground	P	19290810 IM	0.045	0.000	ROOSEVELT CITY	
	N233 W1162 SE 14					255 SOUTH STATE	
	2S 2W US						
<u>43-3890</u>	Underground	P	19260612 DIM	0.060	43.360	ROOSEVELT CITY	
	S1397 E588 N4 23 2S					255 SOUTH STATE	
	2W US						
<u>43-3890</u>	Underground	P	19260612 DIM	0.060	43.360	ROOSEVELT CITY	
	N233 W1162 SE 14					255 SOUTH STATE	
	2S 2W US						
<u>43-3891</u>	Underground	P	19270420 DIM	0.134	96.840	ROOSEVELT CITY	
	S1397 E588 N4 23 2S					255 SOUTH STATE	
	2W US						
<u>43-3891</u>	Underground	P	19270420 DIM	0.134	96.840	ROOSEVELT CITY	
	N233 W1162 SE 14					255 SOUTH STATE	
	2S 2W US						
<u>43-3892</u>	Underground	P	19300830 DIM	0.011	7.950	ROOSEVELT CITY	
	S1397 E588 N4 23 2S					255 SOUTH STATE	
	2W US						
<u>43-3892</u>	Underground	P	19300830 DIM	0.011	7.950	ROOSEVELT CITY	
	N233 W1162 SE 14					255 SOUTH STATE	
	2S 2W US						
<u>43-3893</u>	Underground	P	19290608 DIM	0.056	40.470	ROOSEVELT CITY	
	S1397 E588 N4 23 2S					255 SOUTH STATE	
	2W US						
<u>43-3893</u>	Underground	P	19290608 DIM	0.056	40.470	ROOSEVELT CITY	
	N233 W1162 SE 14					255 SOUTH STATE	
	2S 2W US						
<u>43-3894</u>	Underground	P	19100300 DIS	0.004	0.000	ALPHEUS WEEKS	
	N1892 W1680 SE 07					ROOSEVELT UT 84	
	2S 1W US						
<u>43-3896</u>	Underground	P	19300000 S	0.013	0.000	JOHN W. GALLAWAY	
	S1515 W1802 NE 14					ROOSEVELT UT 84	
	2S 2W US						
<u>43-3897</u>	Underground	P	19200310 DIS	0.013	0.000	AFTON M. VERNON	
	0 W212 E4 13 2S 2W					RFD #1	
	US						
<u>43-474</u>	Underground	<u>well</u> <u>info</u>	P	19590602 DIS	0.015	0.000	VAN D. WINTERC
	S80 E1470 NW 28 2S					ROOSEVELT UT 84	
	1W US						
<u>43-4901</u>	Underground	P	19240000 DS	0.009	0.000	EVAN W. HOWELL	
	N474 E84 W4 13 2S					ROOSEVELT UT 84	
	2W US						

<u>43-4903</u>	Underground S277 E158 NW 24 2S 2W US	P	19190000 DIS	0.013	0.000	DUNCAN W. MARC ROOSEVELT UT 84
<u>43-4906</u>	Underground N2460 E68 SW 07 2S 1W US	P	19160000 DIS	0.007	0.000	CLYDE R. KELSEY ROUTE 1, BOX 102
<u>43-4909</u>	Underground S52 E38 NW 28 2S 1W US	P	19181001 DIS	0.011	0.000	ALVIN AND FERN. RFD #2, BOX 13
<u>43-4932</u>	Underground N47 E1396 S4 07 2S 1W US	P	19180000 DIS	0.022	0.000	CLARENCE L. ASH ROOSEVELT UT 84
<u>43-4939</u>	Underground N1245 E200 SW 08 2S 1W US	P	19320000 DIS	0.011	0.000	ARABELL HANCOCK RFD #1
<u>43-4940</u>	Underground N1234 W319 SE 19 2S 1W US	P	19201005 DIS	0.022	0.000	GEORGE W. LARSEN ROOSEVELT UT 84
<u>43-4943</u>	Underground S1382 E25 NW 28 2S 1W US	P	19350000 DS	0.013	0.000	UTAH STATE CAPITOL SALT LAKE CITY UT
<u>43-4960</u>	Underground N85 E789 SW 17 2S 1W US	P	19170000 DIS	0.022	0.000	SARAH S. JOHNSON ROUTE #1, BOX 25
<u>43-4972</u>	Underground N179 W478 SE 12 2S 2W US	P	1925 DS	0.004	0.000	GLENN C. AND ANNE 387 EAST 400 SOUTH
<u>43-4977</u>	Underground S1518 W90 NE 18 2S 1W US	P	19140000 DIS	0.008	0.000	LEON GALLOWAY RFD #1
<u>43-4981</u>	Underground N256 E106 SW 07 2S 1W US	P	19240000 DIS	0.004	0.000	SELINA G. WILLS ROOSEVELT UT 84
<u>43-4989</u>	Underground S125 W929 NE 19 2S 1W US	P	19180000 DS	0.002	0.000	UTAH SCHOOL AND INSTITUTIONAL TRUST ADMIN. 675 EAST 500 SOUTH
<u>43-4997</u>	Underground S1264 W1140 N4 08 2S 1W US	P	19170000 DS	0.000	0.000	UTAH SCHOOL AND INSTITUTIONAL TRUST ADMIN. 675 EAST 500 SOUTH
<u>43-5000</u>	Underground S44 E44 NW 28 2S	P	19170430 DIS	0.018	0.000	JACK U. MCLEA

<u>43-5007</u>	1W US Underground		P	19150000 DS	0.027	0.000	ROOSEVELT UT 84 HUGH A. STEVENS
	N115 W1459 SE 20 2S 1W US						ALTONAH UT 8400
<u>43-5036</u>	Underground		P	19180000 DS	0.022	0.000	MARGARET S. HOI 37 CANYON ROAD
	N302 E241 SW 20 2S 1W US						
<u>43-5066</u>	Underground		P	19690728 DIS	0.015	0.000	WADE W. AND HE. RHINEHART PO BOX 1831
	S340 W1200 E4 24 2S 2W US						
<u>43-5090</u>	Underground	<u>well info</u>	P	19661024 DIS	0.015	0.000	RAYTA L. SWAIN C/O H.L. SWAIN
	S35 W195 E4 13 2S 2W US						
<u>43-6816</u>	Underground	<u>well info</u>	P	19710617 DIS	0.015	0.000	ADA MATHEWS ROUTE 1, BOX 114
	N970 W210 E4 24 2S 2W US						
<u>43-6839</u>	Underground	<u>well info</u>	P	19711005 DIS	0.015	0.000	SCOTT DEWEY HII ROUTE #1 BOX 125
	S200 E840 N4 20 2S 1W US						
<u>43-6847</u>	Underground	<u>well info</u>	P	19720103 DI	0.015	0.000	REESE MURPHY ROUTE #2 BOX 534
	N150 E1150 SW 21 2S 1W US						
<u>43-6854</u>	Underground		P	19720217 DI	0.156	0.000	ROBERT H. WILLIA/ TRUST ROBERT H. WILLIA/
	N211 E64 SW 07 2S 1W US						
<u>43-6854</u>	Underground		P	19720217 DI	0.156	0.000	ROBERT H. WILLIA/ TRUST ROBERT H. WILLIA/
	N411 E64 SW 07 2S 1W US						
<u>43-6861</u>	Underground		P	19720313 DI	0.015	0.000	CLEO ADAMS 341 GARFIELD AVI
	S1200 W700 NE 17 2S 1W US						
<u>43-6872</u>	Underground	<u>well info</u>	P	19720417 DIS	0.015	0.000	DARWOOD L. CAM 951 WEST 2ND NOI
	N280 W128 E4 12 2S 2W US						
<u>43-6876</u>	Underground	<u>well info</u>	P	19720504 DIS	0.015	0.000	ROBERT S. WEST 101 H HANCOCK C
	S1006 W224 NE 12						

2S 2W US							
<u>43-6890</u>	Underground	<a href="#">well info</a>	P	19720711 DIS	0.015	0.000	GLEN MURPHY BOX 802
	N150 E660 SW 21 2S 1W US						
<u>43-6894</u>	Underground		P	19720717 DIS	0.015	0.000	TODD E. AND STEI RICHMAN 42 SOUTH 200 EAS
	S100 E670 NW 17 2S 1W US						
<u>43-7255</u>	Underground	<a href="#">well info</a>	P	19720911 DIS	0.015	0.000	JOHN A. WILLIS STAR ROUTE
	S600 W470 NE 17 2S 1W US						
<u>43-7296</u>	Underground	<a href="#">well info</a>	P	19721201 DIS	0.015	0.000	RALPH DRAPER BOX 936
	N10 W820 E4 20 2S 1W US						
<u>43-7320</u>	Underground	<a href="#">well info</a>	A	19600707 I	0.500	0.000	ROBERT S. WEST 101 H. HANCOCK C
	N1400 E1188 W4 07 2S 1W US						
<u>43-7320</u>	Underground		A	19600707 I	0.500	0.000	ROBERT S. WEST 101 H. HANCOCK C
	N1400 E2038 W4 07 2S 1W US						
<u>43-7415</u>	Underground		A	19740220 DI	0.100	0.000	LARRY FLOYD AB ROUTE 2 BOX 14
	S250 E40 NW 28 2S 1W US						
<u>43-7455</u>	Underground		U	19740428 M	10.000	0.000	ROOSEVELT CITY 255 SOUTH STATE
	N660 W1000 SE 02 2S 2W US						
<u>43-7462</u>	Underground	<a href="#">well info</a>	P	19740401 DIS	0.015	0.000	MICHAEL R. & OLC ROUTE 2
	N300 W940 E4 20 2S 1W US						
<u>43-7521</u>	Underground		P	19740617 DIS	0.015	0.000	JAMES AND BONN ROUTE #1, BOX 119
	N18 E70 SW 18 2S 1W US						
<u>43-7551</u>	Underground	<a href="#">well info</a>	P	19740725 DIS	0.100	0.000	GLENN C. WILKER GENERAL DELIVE
	N540 W240 E4 24 2S 2W US						
<u>43-7565</u>	Underground	<a href="#">well info</a>	P	19740731 DIS	0.013	0.000	RANDY L. AND EV FRETON STAR ROUTE, BOX
	N725 E130 S4 05 2S 1W US						

<u>43-7574</u>	Underground N1200 0 S4 05 2S 1W US		U	19740808 M	10.000 0.000	ROOSEVELT CITY 255 SOUTH STATE
<u>43-7655</u>	Underground N100 W900 SE 02 2S 2W US	<u>well info</u>	P	19581203 M	1.770 720.000	ROOSEVELT CITY 255 SOUTH STATE
<u>43-7689</u>	Underground S90 W170 N4 17 2S 1W US	<u>well info</u>	A	19750226 DIS	0.015 0.000	LADD WILKINS BOX 1487
<u>43-7717</u>	Underground S140 E634 NW 21 2S 1W US	<u>well info</u>	P	19750414 DIS	0.015 0.000	D. L. CAMPBELL 951 WEST 200 NO. (
<u>43-7723</u>	Underground S300 E150 N4 24 2S 2W US		P	19750429 O	0.015 0.000	WESTERN PETROL P.O. BOX AC
<u>43-7745</u>	Underground S90 W170 N4 17 2S 1W US	<u>well info</u>	P	19750619 DIS	0.015 0.000	USA DEPARTMENT AND URBAN DEVE 257 EAST 200 SOUT
<u>43-7781</u>	Underground N1200 W395 E4 26 2S 2W US	<u>well info</u>	P	19750813 DI	0.015 0.000	MAX LEON & TERL BOX 757
<u>43-7783</u>	Underground N185 E1077 S4 07 2S 1W US		P	19750819 S	0.015 0.840	JOHN D. & ROGER 3498 N 2650 E
<u>43-7917</u>	Underground S868 E100 W4 24 2S 2W US	<u>well info</u>	P	19730618 DIS	0.013 0.000	KERRY D. MATHEV C/O DANIEL L. BRN
<u>43-7933</u>	Underground N110 E835 SW 17 2S 1W US		P	1920 DIS	0.031 0.000	T.J. AND RUDY MU P.O. BOX 42
<u>43-8018</u>	Underground N330 W2440 E4 24 2S 2W US	<u>well info</u>	P	19770208 DIS	0.015 0.000	CHARLES RICHENI 2760 WEST 1500 NC
<u>43-8077</u>	Underground S170 E320 NW 17 2S 1W US	<u>well info</u>	P	19770420 DIS	0.015 0.000	THOMAS L. AND JI HANCOCK RT 1, BOX 109
<u>43-8128</u>	Underground	<u>well</u>	P	19770804 DIS	0.015 0.000	GEORGE W. AND S

		<u>info</u>					HUNT BOX 1568
	N1070 W1430 SE 18 2S 1W US						
<u>43-8170</u>	Underground		P	19770928 DIS	0.015	0.000	INC. HULL DEVELOPMENT COMPANY
	N150 W345 S4 18 2S 1W US						WALLACE D. HULL
<u>43-8188</u>	Underground	<u>well info</u>	P	19771118 DIS	0.015	0.000	LLOYD D. AND JUDITH BRANCH
	N770 W600 SE 08 2S 1W US						STAR RT. BOX 2A
<u>43-8213</u>	Underground	<u>well info</u>	P	19780112 DIS	0.015	0.000	GORDON AND CAIRNS
	N30 W1745 E4 20 2S 1W US						ROUTE 2 BOX 10
<u>43-8223</u>	Underground	<u>well info</u>	P	19780228 DIS	0.015	0.000	REX JAY & CONNIE
	N100 W1105 SE 07 2S 1W US						ROUTE 1 BOX 1081
<u>43-8268</u>	Underground		A	19780517 DIOS	0.015	0.000	MAX LEON ROSS FARM
	N1030 W1115 E4 26 2S 2W US						4111 WEST 1250 SOUTH
<u>43-8350</u>	Underground	<u>well info</u>	P	19781117 DIS	0.015	0.000	GRANT HOMER
	N1310 E10 SW 24 2S 2W US						206 WEST CULTON
<u>43-8351</u>	Underground	<u>well info</u>	P	19781121 DIS	0.015	0.000	DAVID W. MORGAN
	S1550 E300 NW 25 2S 2W US						ROUTE 1, BOX 344
<u>43-8369</u>	Underground	<u>well info</u>	P	19581203 M	1.590	480.000	ROOSEVELT CITY
	N1210 W100 SE 02 2S 2W US						255 SOUTH STATE
<u>43-8369</u>	Underground		P	19581203 M	1.590	480.000	ROOSEVELT CITY
	S880 E1020 NW 12 2S 2W US						255 SOUTH STATE
<u>43-8381</u>	Underground		A	19790226 DIS	0.015	1.620	REIDHEAD BROTH
	N1300 W1450 SE 14 2S 2W US						P.O. BOX 1388
<u>43-8459</u>	Underground	<u>well info</u>	P	19820713 DIS	0.015	0.000	THOMAS L. AND VIVIAN ANDERSON
	N1180 E50 SW 07 2S 1W US						BOX 1000
<u>43-8476</u>	Underground	<u>well</u>	P	19790730 DIS	0.015	0.000	FLOYD H. COLLET

		<u>info</u>							
	S1240 W1550 NE 20 2S 1W US								P.O. BOX 1436
<u>43-8510</u>	Underground	<u>well info</u>	P	19790913 DIS	0.015	0.000			L. M. HARRY
	N620 W140 E4 23 2S 2W US								74 WEST 300 NORT
<u>43-8556</u>	Underground	<u>well info</u>	A	19791203 DIS	0.015	0.000			ERVIN D. YOUNG
	S170 W1270 NE 18 2S 1W US								RT. 1
<u>43-8591</u>	Underground	<u>well info</u>	P	19800310 DIS	0.015	0.000			EMIL E. AND DALI
	S350 W1390 E4 07 2S 1W US								ROUTE 1, BOX 108
<u>43-8650</u>	Underground	<u>well info</u>	P	19800610 IS	0.015	1.030			ANTHONY ZUFELT
	N641 W1167 E4 24 2S 2W US								780 SOUTH 2000 W.
<u>43-8675</u>	Underground	<u>well info</u>	A	19800708 DIS	0.015	0.000			JOHN A. WILLS
	N100 E1120 W4 16 2S 1W US								STAR ROUTE BOX
<u>43-8805</u>	Underground		A	19800808 DIS	0.015	0.000			BLY MARIE BOREI
	N150 W150 SE 01 2S 2W US								ROUTE 1 BOX 101
<u>43-8855</u>	Underground	<u>well info</u>	A	19801114 DIS	0.015	0.000			MARGARET GRAN
	S1382 W442 NE 18 2S 1W US								BOX 1325
<u>43-8866</u>	Underground	<u>well info</u>	A	19801121 DIS	0.015	0.000			RUSSELL IVIE
	S100 W100 NE 19 2S 1W US								ROUTE 1, BOX 124
<u>43-8886</u>	Underground		A	19850709 DIS	0.015	0.000			KARL L. & RANAE
	S350 W952 E4 14 2S 2W US								RT. 1 BOX 1861
<u>43-8890</u>	Underground		A	19810211 DO	0.015	0.000			JOHN W. BURDICK
	N1112 W1461 E4 25 2S 2W US								P.O. BOX 195
<u>43-8890</u>	Underground	<u>well info</u>	A	19810211 DO	0.015	0.000			JOHN W. BURDICK
	N612 W1011 E4 25 2S 2W US								P.O. BOX 195
<u>43-8899</u>	Underground	<u>well</u>	P	19810227 DI	0.015	1.080			NEIL C. WILKERSC

Well ID	Type	Status	County	Acres	Volume	Owner	Address
							<u>info</u> S645 W1250 NW 17 2S 1W US RT 4 BOX 4686
<u>43-8907</u>	Underground	<u>well info</u>	A	19810305 DIS	0.015 0.000	STEPHEN V. MALN	
							N300 E150 SW 19 2S 1W US BOX 6
<u>43-8908</u>	Underground		U	19810305 DIS	0.015 0.000	ROBERT KYLE	
							N900 E150 SW 19 2S 1W US 5717 BLAKE DRIVE
<u>43-8968</u>	Underground	<u>well info</u>	P	19810429 IS	0.015 1.058	GENE OSTLER	
							S710 E193 NW 19 2S 1W US RR 3 BOX 3037
<u>43-9017</u>	Underground	<u>well info</u>	A	19810707 DIS	0.015 0.000	PEGGY FYKE	
							N1800 E200 SW 18 2S 1W US RT. 1, BOX 1936
<u>43-9035</u>	Underground	<u>well info</u>	A	19810812 DIS	0.015 0.000	SHIRLEY DUANE F	
							N241 W351 E4 24 2S 2W US 1965 E. VISCOUNTI
<u>43-9036</u>	Underground	<u>well info</u>	A	19810814 DIS	0.015 1.256	JAMES R. TILLEY / TILLEY	
							N230 E1205 SW 17 2S 1W US RR 3 BOX 3076
<u>43-9081</u>	Underground	<u>well info</u>	A	19811007 DIS	0.015 0.000	JOHN A. WILLS	
							N200 E1120 W4 16 2S 1W US STAR ROUTE BOX
<u>43-9116</u>	Underground	<u>well info</u>	A	19811207 IS	0.015 0.596	GLEN VERN AND C HENRIE	
							S70 W200 NE 19 2S 1W US ROUTE 3 BOX 8073
<u>43-9132</u>	Underground	<u>well info</u>	P	19860707 S	0.015 0.420	GARY AND CARM	
							S1093 E1116 NW 18 2S 1W US ROUTE 4 BOX 4617
<u>43-9162</u>	Underground	<u>well info</u>	P	19820322 DIS	0.015 1.272	LLOYD & MARY H	
							N450 W1390 SE 07 2S 1W US RR 4 BOX 4650
<u>43-9258</u>	Underground		P	19820830 IS	0.015 5.650	ROSS AND GLEND.	
							N218 E85 SW 13 2S 2W US RT 3 BOX 3040

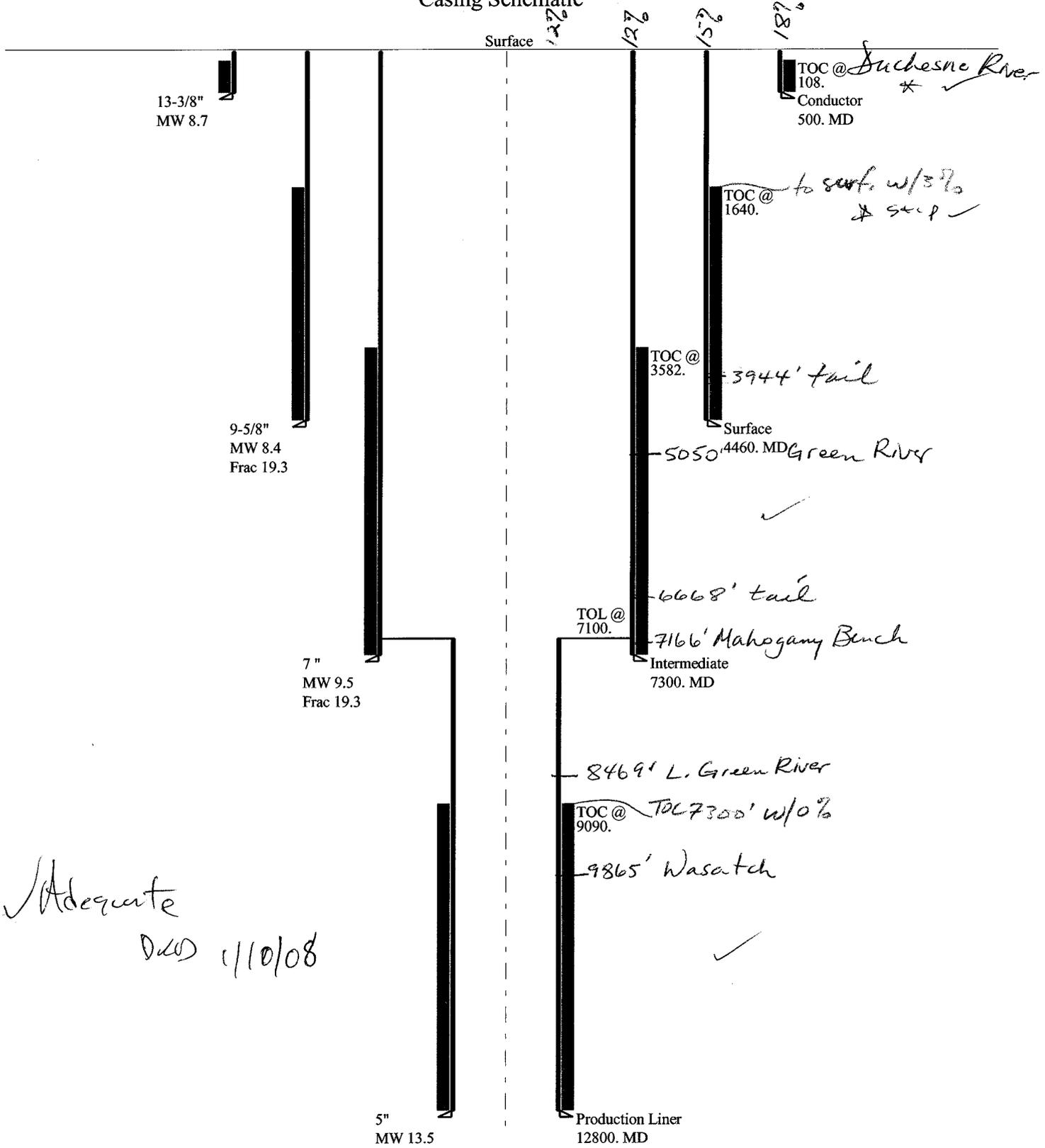
<u>43-9323</u>	Underground		A	19830106 DIS	0.015	0.000	DAVID M. RASMUSSEN RT. 1 BOX #1897
	S1410 E560 NW 13 2S 2W US						
<u>43-9353</u>	Underground	<u>well info</u>	P	19830328 DIS	0.015	1.340	CRAIG L. AND COLEEN RT 4 BOX 4635
	S1384 W931 N4 18 2S 1W US						
<u>43-9365</u>	Underground	<u>well info</u>	A	19830411 DIS	0.015	0.000	CAROLYN KELSEY ROUTE 1, BOX 101
	S120 E1300 W4 07 2S 1W US						
<u>43-9405</u>	Underground	<u>well info</u>	A	19830701 DS	0.015	0.730	TOM SPROUSE RT 4 BOX 4640
	S1360 E1675 NW 18 2S 1W US						
<u>43-9435</u>	Underground	<u>well info</u>	A	19830901 DI	0.015	0.000	WAYNE & LINDA I ROUTE 1 BOX 125-
	N180 E62 S4 17 2S 1W US						
<u>43-9551</u>	Underground		A	19840510 DIS	0.015	0.000	LANETTE GARDNER ROUTE 2, BOX 212
	N710 W1270 SE 07 2S 1W US						
<u>43-9553</u>	Underground	<u>well info</u>	P	19840514 IS	0.015	0.918	KNIGHT FAMILY TRUST STEVEN R. AND MELISSA PAUL W. AND MELISSA BRINKERHOFF RT 3 BOX 8092
	S2081 E2214 NW 18 2S 1W US						
<u>43-9575</u>	Underground		P	19840706 IS	0.015	0.470	PAUL W. AND MELISSA BRINKERHOFF RT 3 BOX 8092
	S50 W1175 E4 20 2S 1W US						
<u>43-9644</u>	Underground		P	19841102 DIS	0.015	1.284	GLEN AND KATHY P.O. BOX 215
	N347 W675 SE 07 2S 1W US						
<u>43-9655</u>	Underground	<u>well info</u>	P	19841205 DIS	0.015	1.312	SCOTT H. & SUE A RT. 1 BOX 1625
	S1542 W1 N4 18 2S 1W US						
<u>43-9749</u>	Underground		A	19890823 DIS	0.015	0.000	CARL W. AND ELIZABETH REINHARDT #11 ROAD 5222
	S2580 E200 NW 18 2S 1W US						
<u>43-9790</u>	Underground	<u>well info</u>	P	19860313 DIS	0.015	0.922	CALLA FREESTON BOX 1652
	S1165 W1180 NE 07 2S 1W US						

<a href="#">43-9794</a>	Underground	<a href="#">well info</a>	P	19860325 IS	0.015	0.890	ALLEN F. AND CAI WALLACE RT 4 BOX 4680
	S89 E1405 NW 17 2S 1W US						
<a href="#">43-9907</a>	Underground		A	19860512 IS	0.015	0.000	DALE M. & BECKY RT. L,BOX L898
	S1410 E560 NW 18 2S 1W US						
<a href="#">43-9975</a>	Underground		P	19941031 DI	0.015	1.450	BARBARA BIRD ROUTE #3, BOX 30
	N1965 W207 SE 24 2S 2W US						
<a href="#">a14270</a>	Underground	<a href="#">well info</a>	A	19870319 DIS	0.015	0.000	LESSLE GARDNER BOX 326
	N150 E1248 SW 17 2S 1W US						
<a href="#">a20628</a>	Underground	<a href="#">well info</a>	A	19961219 DIS	2.000	0.000	MAX LEON ROSS P.O. BOX 757
	S50 W300 NE 26 2S 2W US						
<a href="#">a20628</a>	Underground		A	19961219 DIS	2.000	0.000	MAX LEON ROSS P.O. BOX 757
	N1270 E1600 SW 24 2S 2W US						
<a href="#">a25700</a>	Underground		A	20010612 IO	0.160	0.000	RUSSELL A. AND A LARSEN 3846 NORTH 2400 V
	N1400 E2038 W4 07 2S 1W US						
<a href="#">a7340</a>	Underground		A	19730312 I	0.500	0.000	ROBERT S. WEST ROUTE 1 BOX 1570
	S816 W303 NE 12 2S 2W US						

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2008-01 El Paso Sprouse-Bowden 2-18B1pres (option B)

Casing Schematic



✓ Adequate

DWS 1/10/08

# BOPE REVIEW

**Well Name** Sprouse-Bowden 2-18B1 *w/ pressure*

## INPUT

Well Name	Sprouse-Bowden 2-18B1			
	String 1	String 2	String 3	String 4
Casing Size	13 3/8	9 5/8	7	5
Setting Depth	500	4460	7300	12800
Previous Shoe Setting Depth	0	500	4460	7300
Max Mud Weight	8.7	10	9.5	13.5
BOPE Proposed	5x20" rotating head	5x13.375" rot. head	5000	10000
Casing Internal Yield	2730	5750	11220	13940

Calculations	String 1	13 3/8 "	
Max BHP [psi]	$.052 \times \text{Setting Depth} \times \text{MW} =$	226	<b>BOPE Adequate For Drilling And Setting Casing at Depth?</b>
MASP (Gas) [psi]	$\text{Max BHP} - (0.12 \times \text{Setting Depth}) =$	166	YES
MASP (Gas/Mud) [psi]	$\text{Max BHP} - (0.22 \times \text{Setting Depth}) =$	116	YES
			<b>*Can Full Expected Pressure Be Held At Previous Shoe?</b>
Pressure At Previous Shoe	$\text{Max BHP} - .22 \times (\text{Setting Depth} - \text{Previous Shoe Depth}) =$	116	NO
Required Casing/BOPE Test Pressure		500 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		0 psi	*Assumes 1psi/ft frac gradient and casing is stronger than formation

Calculations	String 2	9 5/8 "	
Max BHP [psi]	$.052 \times \text{Setting Depth} \times \text{MW} =$	2319	<b>BOPE Adequate For Drilling And Setting Casing at Depth?</b>
MASP (Gas) [psi]	$\text{Max BHP} - (0.12 \times \text{Setting Depth}) =$	1784	YES
MASP (Gas/Mud) [psi]	$\text{Max BHP} - (0.22 \times \text{Setting Depth}) =$	1338	YES
			<b>*Can Full Expected Pressure Be Held At Previous Shoe?</b>
Pressure At Previous Shoe	$\text{Max BHP} - .22 \times (\text{Setting Depth} - \text{Previous Shoe Depth}) =$	1448	NO
Required Casing/BOPE Test Pressure		4025 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		500 psi	*Assumes 1psi/ft frac gradient and casing is stronger than formation

Calculations	String 3	7 "	
Max BHP [psi]	$.052 \times \text{Setting Depth} \times \text{MW} =$	3606	<b>BOPE Adequate For Drilling And Setting Casing at Depth?</b>
MASP (Gas) [psi]	$\text{Max BHP} - (0.12 \times \text{Setting Depth}) =$	2730	YES
MASP (Gas/Mud) [psi]	$\text{Max BHP} - (0.22 \times \text{Setting Depth}) =$	2000	YES
			<b>*Can Full Expected Pressure Be Held At Previous Shoe?</b>
Pressure At Previous Shoe	$\text{Max BHP} - .22 \times (\text{Setting Depth} - \text{Previous Shoe Depth}) =$	2981	YES
Required Casing/BOPE Test Pressure		5000 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		2981 psi	*Assumes 1psi/ft frac gradient and casing is stronger than formation

Calculations	String 4	5 "	
Max BHP [psi]	$.052 \times \text{Setting Depth} \times \text{MW} =$	8986	<b>BOPE Adequate For Drilling And Setting Casing at Depth?</b>
MASP (Gas) [psi]	$\text{Max BHP} - (0.12 \times \text{Setting Depth}) =$	7450	YES
MASP (Gas/Mud) [psi]	$\text{Max BHP} - (0.22 \times \text{Setting Depth}) =$	6170	YES
			<b>*Can Full Expected Pressure Be Held At Previous Shoe?</b>
Pressure At Previous Shoe	$\text{Max BHP} - .22 \times (\text{Setting Depth} - \text{Previous Shoe Depth}) =$	7776	NO
Required Casing/BOPE Test Pressure		9758 psi	
*Max Pressure Allowed @ Previous Casing Shoe =		7300 psi	*Assumes 1psi/ft frac gradient and casing is stronger than formation

Well name:	<b>2008-01 El Paso Sprouse-Bowden 2-18B1pres</b>	
Operator:	<b>El Paso E &amp; P Company, L.P.</b>	
String type:	Surface	Project ID: 43-013-33808
Location:	Duchesne County, Utah	

**Design parameters:**

**Collapse**  
Mud weight: 8.400 ppg  
Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**  
Design factor 1.125

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 127 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,500 ft

**Burst**

Max anticipated surface pressure: 1,997 psi  
Internal gradient: 0.220 psi/ft  
Calculated BHP 2,978 psi

No backup mud specified.

**Burst:**  
Design factor 1.00

**Tension:**  
8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)  
Tension is based on buoyed weight.  
Neutral point: 3,903 ft

Cement top: 1,640 ft

**Non-directional string.**

**Re subsequent strings:**  
Next setting depth: 7,300 ft  
Next mud weight: 9.500 ppg  
Next setting BHP: 3,603 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 4,460 ft  
Injection pressure: 4,460 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	4460	9.625	40.00	N-80	LT&C	4460	4460	8.75	1898.8
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	1946	3090	1.588	2978	5750	1.93	156	737	4.72 J

Prepared by: Helen Sadik-Macdonald  
Div of Oil, Gas & Minerals

Phone: (801) 538-5357  
FAX: (801) 359-3940

Date: January 8, 2008  
Salt Lake City, Utah

Remarks:  
Collapse is based on a vertical depth of 4460 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	<b>2008-01 El Paso Sprouse-Bowden 2-18B1pres</b>	
Operator:	<b>El Paso E &amp; P Company, L.P.</b>	
String type:	Intermediate	Project ID: 43-013-33808
Location:	Duchesne County, Utah	

**Design parameters:**

**Collapse**

Mud weight: 9.500 ppg  
Design is based on evacuated pipe.

**Burst**

Max anticipated surface pressure: 5,694 psi  
Internal gradient: 0.220 psi/ft  
Calculated BHP: 7,300 psi

No backup mud specified.

**Minimum design factors:**

**Collapse:**

Design factor: 1.125

**Burst:**

Design factor: 1.00

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Tension is based on buoyed weight.  
Neutral point: 6,250 ft

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 167 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,500 ft

Cement top: 3,582 ft

**Non-directional string.**

**Re subsequent strings:**

Next setting depth: 12,800 ft  
Next mud weight: 13.500 ppg  
Next setting BHP: 8,977 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 7,300 ft  
Injection pressure: 7,300 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	7300	7	29.00	HCP-110	LT&C	7300	7300	6.059	1522.6
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	3603	9200	2.554	7300	11220	1.54	181	797	4.40 J

Prepared by: Helen Sadik-Macdonald  
Div of Oil, Gas & Minerals

Phone: (801) 538-5357  
FAX: (801) 359-3940

Date: January 8, 2008  
Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 7300 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

Well name:	<b>2008-01 El Paso Sprouse-Bowden 2-18B1pres</b>		
Operator:	<b>El Paso E &amp; P Company, L.P.</b>		
String type:	Production Liner	Project ID:	43-013-33808
Location:	Duchesne County, Utah		

**Design parameters:**

**Collapse**

Mud weight: 13.500 ppg  
 Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
 Surface temperature: 65 °F  
 Bottom hole temperature: 244 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,500 ft

Cement top: 9,090 ft

Liner top: 7,100 ft

**Non-directional string.**

**Burst**

Max anticipated surface pressure: 6,161 psi  
 Internal gradient: 0.220 psi/ft  
 Calculated BHP 8,977 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
 8 Round LTC: 1.80 (J)  
 Buttress: 1.60 (J)  
 Premium: 1.50 (J)  
 Body yield: 1.50 (B)

Tension is based on buoyed weight.

Neutral point: 11,629 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	5700	5	18.00	P-110	VAM FJL	12800	12800	4.151	568.4
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	8977	13470	1.501	8977	13940	1.55	82	399	4.89 J

Prepared by: Helen Sadik-Macdonald  
 Div of Oil, Gas & Minerals

Phone: (801) 538-5357  
 FAX: (801) 359-3940

Date: January 8, 2008  
 Salt Lake City, Utah

**Remarks:**

For this liner string, the top is rounded to the nearest 100 ft. Collapse is based on a vertical depth of 12800 ft, a mud weight of 13.5 ppg. The Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

**Helen Sadik-Macdonald - RE: Additional Information for Sprouse-Bowden 2-18B1**

---

**From:** "Erhardt, Alexander C (Alex)"  
**To:** "Helen Sadik-Macdonald"  
**Date:** 01/08/2008 10:43 AM  
**Subject:** RE: Additional Information for Sprouse-Bowden 2-18B1  
**Attachments:**

---

Helen,

My apologies there was a carryover typo. We will not rig up 10k BOPs until after we set 9-5/8" at 4460', so that section will be drilled with a rotating head.

Corrected form is attached.

---

**From:** Helen Sadik-Macdonald [mailto:HMACDONALD@utah.gov]  
**Sent:** Monday, January 07, 2008 3:50 PM  
**To:** Edds, Rhonda L  
**Cc:** Larry Brown; Erhardt, Alexander C (Alex); Pretz, Lisa M; Dustin Doucet  
**Subject:** Re: Additional Information for Sprouse-Bowden 2-18B1

Rhonda and Alex,

The new well design (3-string normal pressure scenario) indicates a rotating head to 3000', then the 10M BOPE will be put on. Will well control equipment be changed halfway through drilling the 12.25" hole at 3000' of depth? Thanks. hsm

*Helen Sadik-Macdonald, CPG, PG  
 Petroleum Engineering Services  
 Utah Div. of Oil, Gas & Mining  
 PO Box 145801  
 Salt Lake City, UT 84114-5801*

*801/538-5357 Desk  
 801/359-3940 Fax*

>>> On 01/04/2008 at 1:11 PM, in message  
 <1C284A5A9464D2418C1F4F786EFB5C280465F1A4@corcosexs02m.corp.epec.com>, "Edds, Rhonda L"  
 <Rhonda.Edds@EIPaso.com> wrote:

Helen,

Per our phone conversation earlier today, please find attached the sundry with additional information. If this is acceptable, I will mail the hard copy.

# 2008-01 El Paso Sprouse-Bowden 2-18B1 (option A)

## Casing Schematic

BHP int.  
 $0.052(4460)10 = 2319 \text{ psi}$   
 13-3/8" MW 8.9 Frac 19.3

Gas  $.12(4460) = 535$   
1784 psi, MASP

BOPE 5" x 20" rotating head to 500'  
 5" x 13 3/8" " " " to 4460'

Burst 2730  
 1911 psi  
 9-5/8" MW 10. Frac 19.3

Max P@ cond shoe  
 $.22(3960) = 871$   
1448 psi  
test to 1500 psi

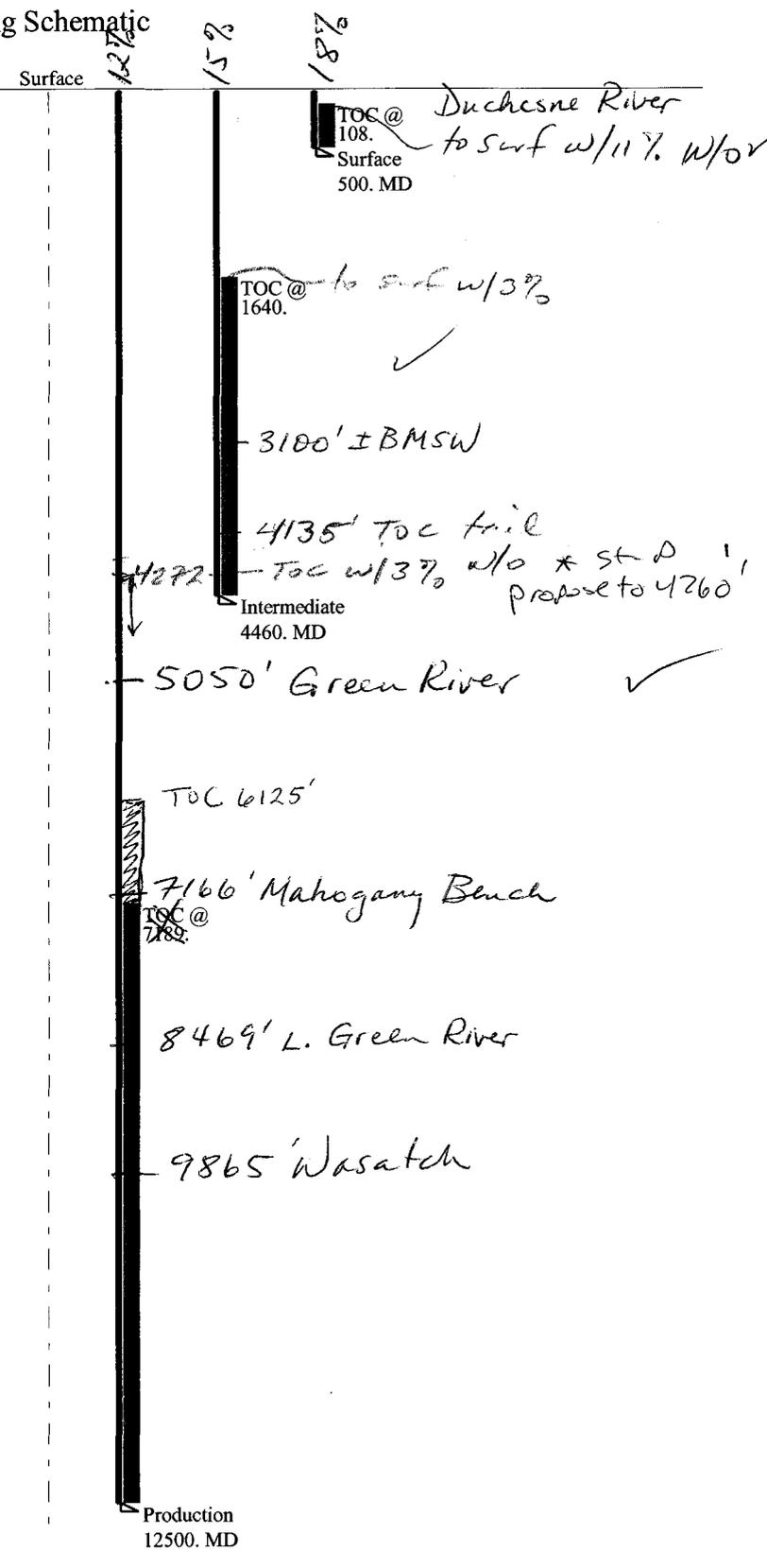
BHP  $.052(12500)13.5 = 8775 \text{ psi}$   
 anticipate 8450 psi

Gas  $.12(12500) = 1500$   
7275 psi, MASP

BOPE 5M from 2500-9590'  
 10M from 7550-12500'

Burst 5750  
 407. 4025 psi

Max P@ int. shoe  
 $.22(8040) = 1769$   
7006 psi  
test to 4000 psi  
 => Strip cmts



✓ Adequate DWS 1/10/08

# BOPE REVIEW

<b>Well Name</b>	Sprouse-Bowden 2-18B1
------------------	-----------------------

<b>INPUT</b> Well Name Casing Size Setting Depth Previous Shoe Setting Depth Max Mud Weight BOPE Proposed Casing Internal Yield	Sprouse-Bowden 2-18B1			
	String 1	String 2	String 3	String 4
	13 3/8	9 5/8	5 1/2	
	500	4460	12500	
	0	500	4460	12500
	8.7	10	13.5	
	500	500	10000	
	2730	5750	12630	

<b>Calculations</b>	<b>String 1</b>	<b>13 3/8 "</b>
Max BHP [psi]	$.052 \times \text{Setting Depth} \times \text{MW} =$	226
		<b>BOPE Adequate For Drilling And Setting Casing at Depth?</b>
MASP (Gas) [psi]	$\text{Max BHP} - (0.12 \times \text{Setting Depth}) =$	166
MASP (Gas/Mud) [psi]	$\text{Max BHP} - (0.22 \times \text{Setting Depth}) =$	116
		<b>*Can Full Expected Pressure Be Held At Previous Shoe?</b>
Pressure At Previous Shoe	$\text{Max BHP} - .22 \times (\text{Setting Depth} - \text{Previous Shoe Depth}) =$	116
		NO
Required Casing/BOPE Test Pressure		500 psi
*Max Pressure Allowed @ Previous Casing Shoe =		0 psi
<small>*Assumes 1psi/ft frac gradient and casing is stronger than formation</small>		

<b>Calculations</b>	<b>String 2</b>	<b>9 5/8 "</b>
Max BHP [psi]	$.052 \times \text{Setting Depth} \times \text{MW} =$	2319
		<b>BOPE Adequate For Drilling And Setting Casing at Depth?</b>
MASP (Gas) [psi]	$\text{Max BHP} - (0.12 \times \text{Setting Depth}) =$	1784
MASP (Gas/Mud) [psi]	$\text{Max BHP} - (0.22 \times \text{Setting Depth}) =$	1338
		<b>*Can Full Expected Pressure Be Held At Previous Shoe?</b>
Pressure At Previous Shoe	$\text{Max BHP} - .22 \times (\text{Setting Depth} - \text{Previous Shoe Depth}) =$	1448
		NO
Required Casing/BOPE Test Pressure		500 psi
*Max Pressure Allowed @ Previous Casing Shoe =		500 psi
<small>*Assumes 1psi/ft frac gradient and casing is stronger than formation</small>		

<b>Calculations</b>	<b>String 3</b>	<b>5 1/2 "</b>
Max BHP [psi]	$.052 \times \text{Setting Depth} \times \text{MW} =$	8775
		<b>BOPE Adequate For Drilling And Setting Casing at Depth?</b>
MASP (Gas) [psi]	$\text{Max BHP} - (0.12 \times \text{Setting Depth}) =$	7275
MASP (Gas/Mud) [psi]	$\text{Max BHP} - (0.22 \times \text{Setting Depth}) =$	6025
		<b>*Can Full Expected Pressure Be Held At Previous Shoe?</b>
Pressure At Previous Shoe	$\text{Max BHP} - .22 \times (\text{Setting Depth} - \text{Previous Shoe Depth}) =$	7006
		NO
Required Casing/BOPE Test Pressure		8841 psi
*Max Pressure Allowed @ Previous Casing Shoe =		4460 psi
<small>*Assumes 1psi/ft frac gradient and casing is stronger than formation</small>		

?? (Rotating head will be used to 4460) 0.12 No pressure Zone 5

Well name:	<b>2008-01 El Paso Sprouse-Bowden 2-18B1</b>	
Operator:	<b>El Paso E &amp; P Company, L.P.</b>	
String type:	Conductor	Project ID: 43-013-33808
Location:	Duchesne County, Utah	

**Design parameters:**

**Collapse**

Mud weight: 8.700 ppg  
Design is based on evacuated pipe.

**Burst**

Max anticipated surface pressure: 166 psi  
Internal gradient: 0.120 psi/ft  
Calculated BHP: 226 psi

No backup mud specified.

**Minimum design factors:**

**Collapse:**

Design factor: 1.125

**Burst:**

Design factor: 1.00

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Tension is based on buoyed weight.  
Neutral point: 436 ft

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 72 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,500 ft

Cement top: 108 ft

**Non-directional string.**

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft <sup>3</sup> )
1	500	13.375	54.50	J-55	ST&C	500	500	12.49	434

Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	226	1130	5.001	226	2730	12.08	24	514	21.65 J

Prepared by: Helen Sadik-Macdonald  
Div of Oil, Gas & Minerals

Phone: (801) 538-5357  
FAX: (801) 359-3940

Date: January 7, 2008  
Salt Lake City, Utah

Remarks:  
Collapse is based on a vertical depth of 500 ft, a mud weight of 8.7 ppg. The casing is considered to be evacuated for collapse purposes.  
Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	<b>2008-01 El Paso Sprouse-Bowden 2-18B1</b>	
Operator:	<b>El Paso E &amp; P Company, L.P.</b>	
String type:	Intermediate	Project ID: 43-013-33808
Location:	Duchesne County, Utah	

**Design parameters:**

**Collapse**

Mud weight: 10.000 ppg  
Design is based on evacuated pipe.

**Burst**

Max anticipated surface pressure: 3,479 psi  
Internal gradient: 0.220 psi/ft  
Calculated BHP 4,460 psi

No backup mud specified.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.80 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Tension is based on buoyed weight.  
Neutral point: 3,797 ft

**Environment:**

H2S considered? No  
Surface temperature: 65 °F  
Bottom hole temperature: 127 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 1,500 ft

Cement top: 1,640 ft

**Non-directional string.**

**Re subsequent strings:**

Next setting depth: 12,500 ft  
Next mud weight: 13.500 ppg  
Next setting BHP: 8,766 psi  
Fracture mud wt: 19.250 ppg  
Fracture depth: 4,460 ft  
Injection pressure: 4,460 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	4460	9.625	40.00	N-80	LT&C	4460	4460	8.75	1898.8
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2317	3090	1.334	4460	5750	1.29	152	737	4.85 J

Prepared by: Helen Sadik-Macdonald  
Div of Oil, Gas & Minerals

Phone: (801) 538-5357  
FAX: (801) 359-3940

Date: January 4, 2008  
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 4460 ft, a mud weight of 10 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

*Engineering responsibility for use of this design will be that of the purchaser.*

Well name:	<b>2008-01 El Paso Sprouse-Bowden 2-18B1</b>		
Operator:	<b>El Paso E &amp; P Company, L.P.</b>		
String type:	Production	Project ID:	43-013-33808
Location:	Duchesne County, Utah		

**Design parameters:**

**Collapse**

Mud weight: 13.500 ppg  
 Design is based on evacuated pipe.

**Burst**

Max anticipated surface pressure: 6,016 psi  
 Internal gradient: 0.220 psi/ft  
 Calculated BHP: 8,766 psi

No backup mud specified.

**Minimum design factors:**

**Collapse:**

Design factor: 1.125

**Burst:**

Design factor: 1.00

**Tension:**

8 Round STC: 1.80 (J)  
 8 Round LTC: 1.80 (J)  
 Buttress: 1.60 (J)  
 Premium: 1.50 (J)  
 Body yield: 1.50 (B)

Tension is based on buoyed weight.  
 Neutral point: 9,945 ft

**Environment:**

H2S considered? No  
 Surface temperature: 65 °F  
 Bottom hole temperature: 240 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,500 ft

Cement top: 6,125 ft

**Non-directional string.**

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	12500	5.5	20.00	P-110	LT&C	12500	12500	4.653	1556.4
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	8766	11100	1.266	8766	12630	1.44	199	548	2.76 J

Prepared by: Helen Sadik-Macdonald  
 Div of Oil, Gas & Minerals

Phone: (801) 538-5357  
 FAX: (801) 359-3940

Date: January 7, 2008  
 Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 12500 ft, a mud weight of 13.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

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

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER:
<small>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.</small>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: EL PASO E&P COMPANY, L.P.		8. WELL NAME and NUMBER: SROUSE-BOWDEN 2-18B1
3. ADDRESS OF OPERATOR: 1099 18TH ST., SUITE 1900 CITY DENVER STATE CO ZIP 80202		9. API NUMBER:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1980' FSL, 1320' FWL		10. FIELD AND POOL, OR WILDCAT: ALTAMONT/BLUEBELL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSW 18 2S 1W		COUNTY: DUCHESNE
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will start: <u>1/25/2008</u>  <input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: _____	<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 FLARE
	<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/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>AMEND APD</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

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

AS A FOLLOW-UP TO A DISCUSSION WITH HELEN MACDONALD, DOGM, ON FRIDAY, JANUARY 4, 2008, THE OPERATOR SUBMITS THE FOLLOWING INFORMATION:

If the water injection zone is not charged up in the current well, we feel confident going with the long string design because the Sprouse-Bowden 2-18B1 is farther away from the 2-15B1 injector, and it is off the fracture trend, unlike the Harvest Fellowship Church 2-14B1 which is directly in the path of the fracture trend.

Depending on the intensity of the injection zone, we may revert to the liner design so that we have a casing seat as close as possible to the pressured zone for integrity purposes.

The long string has reduced casing sizes and significantly higher collapse ratings for the 5-1/2" than we saw with the 7". The hole will still be 8-3/4" so that we can run 7" in an emergency and still be able to reach TD with a liner.

Please see attached well bore diagrams.

NAME (PLEASE PRINT) <u>RHONDA EDDS</u>	TITLE <u>SR. REGULATORY ANALYST</u>
SIGNATURE <u><i>Rhonda Edds</i></u>	DATE <u>1/4/2008</u>

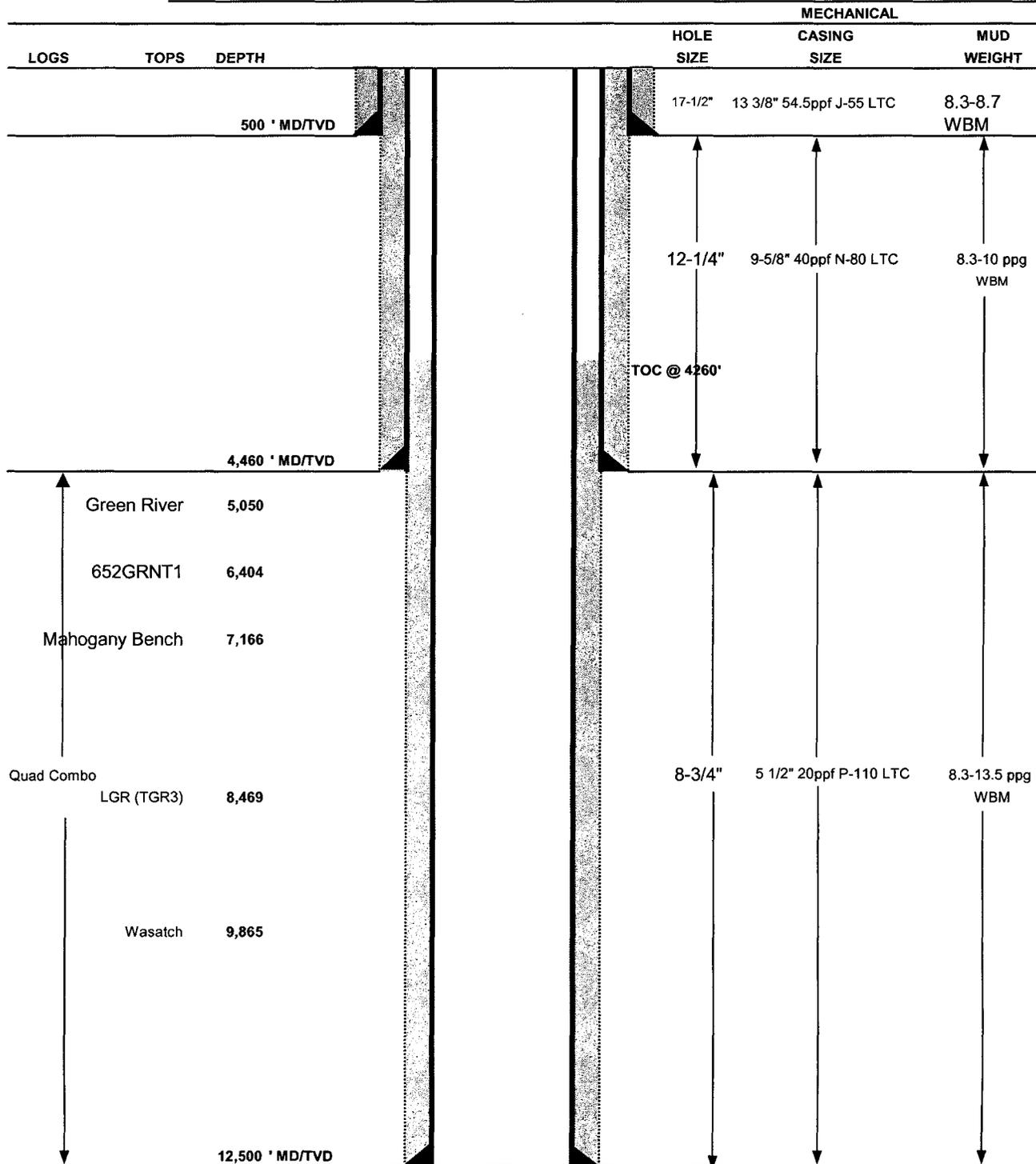
(This space for State use only)



### Drilling Schematic

**Company Name:** El Paso Exploration & Production  
**Well Name:** **Sprouse-Bowden 2-18B1**  
**Field, County, State:** Altamont - Bluebell, Duchesne, Utah  
**Surface Location:** 2427' FSL 1525' FWL Sec 18 T2S R1W  
**Objective Zone(s):** Green River, Wasatch  
**Rig:** Frontier 11  
**BOPE Info:** 5.0 x 13 3/8 rotating head from surface to 4460 11 10M BOP stack and 10M kill lines and choke manifold used from 4460 to TD

**Date:** October 31, 2007  
**TD:** 12,500  
**AFE #:**  
**BHL:** Straight Hole  
**Elevation:** 5138 (5160 RKB)  
**Spud (est.):** December 1, 2007



DRILLING PROGRAMCASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
CONDUCTOR	13 3/8"	0 - 500	54.5	J-55	LTC	2,730	1,140	1,399
						21.45	4.87	7.51
						5,750	3,530	606
SURFACE	9-5/8"	0 - 4460	40	N-80	LTC	2.20	1.69	2.18
						12,630	11,100	548
PRODUCTION	5 1/2"	0 - 12500	20	P-110	LTC	1.72	1.26	1.57

CEMENT PROGRAM		FT. OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
CONDUCTOR		500	Class G + 3% CaCl <sub>2</sub>	460	50%	ppg 15.6	cuft/sk 1.15
SURFACE	Lead	3,960	Premium Lite II Plus, 2% CaCl <sub>2</sub> 0.3% FL52 0.5% Sodium Metasilicate	450	15%	11.0	3.2
	Tail	500	Class G 50:50 poz, 2% CaCl <sub>2</sub> , 2% gel 0.3% sodium metasilicate	150	15%	14.4	1.25
PRODUCTION	Lead	7,840	Class G 50:50 poz, 2% gel 0.3% sodium metasilicate	1830	15%	14.40	1.25

FLOAT EQUIPMENT & CENTRALIZERS

CONDUCTOR	PDC drillable float shoe, 1 joint, PDC drillable float collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing.
SURFACE	PDC drillable float shoe, 2 joints casing, PDC drillable float collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints of casing & every 3rd joint thereafter.
PRODUCTION	PDC drillable float shoe, 1 joint, PDC drillable float collar. Thread lock all float equipment. Install bow spring centralizers on the bottom 3 joints and 1 every 3rd joint up to TOC thereafter.

PROJECT ENGINEER(S): Alex Erhardt \_\_\_\_\_

MANAGER: \_\_\_\_\_

**AFFIDAVIT OF SURFACE DAMAGE AGREEMENT**

Laura Smith personally appeared before me, and, being duly sworn, deposes and says:

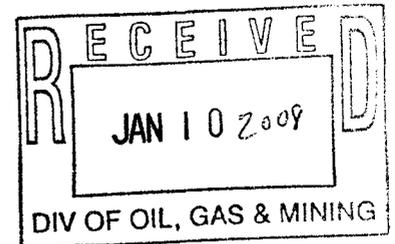
- 1. My name is Laura Smith. I am a Sr. Staff Landman for El Paso E&P Company, L.P., whose address is 1099 18<sup>th</sup> Street, Suite 1900, Denver, Colorado 80202 ("El Paso").
- 2. El Paso is the Operator of the proposed Sprouse-Bowden 2-18B1 well to be located in the SW/4 of Section 18, Township 2 South, Range 1 West, Duchesne County, Utah (the "Drillsite Location"). The two surface owners of the Drillsite Location are David S. Bowden, P.O. Box 283, Roosevelt, Utah 84066 and Tom and Mohea Sprouse, Rt. 1, Box 1624, Roosevelt, Utah 84066 (the "Surface Owners").
- 3. El Paso and one of the Surface Owners, David S. Bowden, agreed upon and entered into a surface damage agreement dated November 29, 2007 covering the Drillsite Location and access to the Drillsite Location.
- 4. El Paso and the other Surface Owner, Tom and Mohea Sprouse, have agreed upon and entered into a surface damage agreement dated January 9, 2008 covering the Drillsite Location and access to the Drillsite Location.

FURTHER AFFIANT SAYETH NOT.

*Laura Smith*  
\_\_\_\_\_  
Laura Smith

**ACKNOWLEDGEMENT**

STATE OF COLORADO §  
CITY AND §  
COUNTY OF DENVER §



Before me, a Notary Public, in and for this state, on this 10th day of January, 2008 personally appeared Laura Smith, to me known to be the identical person who executed the within and foregoing instrument, and acknowledged to me that she executed the same as her own free and voluntary act and deed for the uses and purposes therein set forth.

My Commission Expires  
**RANAE L. JOHNSON**  
**NOTARY PUBLIC**  
**STATE OF COLORADO**  
My Commission Expires 09/26/2010

*Ranae L. Johnson*  
\_\_\_\_\_  
NOTARY PUBLIC:



JON M. HUNTSMAN, JR.  
Governor

GARY R. HERBERT  
Lieutenant Governor

**State of Utah**  
DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

**Division of Oil Gas and Mining**

JOHN R. BAZA  
Division Director

January 10, 2008

El Paso E & P Company, LP  
291 Daffodil  
Casper, WY 82604

Re: Sprouse Bowden 2-18B1 Well, 2427' FSL, 1525' FWL, NE SW, Sec. 18, T. 2 South,  
R. 1 West, 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 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 43-013-33808.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Duchesne County Assessor



Operator: El Paso E & P Company, LP  
Well Name & Number Sprouse Bowden 2-18B1  
API Number: 43-013-33808  
Lease: Fee

Location: NE SW      Sec. 18      T. 2 South      R. 1 West

### 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

The operator is required to notify the Division of Oil, Gas and Mining of the following action during drilling of this well:

- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- 24 hours prior to testing blowout prevention equipment – contact Dan Jarvis
- 24 hours prior to spudding the well – contact Carol Daniels
- Within 24 hours of any emergency changes made to the approved drilling program – contact Dustin Doucet
- Prior to commencing operations to plug and abandon the well – contact Dan Jarvis

The operator is required to get approval from the Division of Oil, Gas and Mining before performing any of the following actions during the drilling of this well:

- Plugging and abandonment or significant plug back of this well – contact Dustin Doucet
- Any changes to the approved drilling plan – contact Dustin Doucet

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at:           (801) 538-5338 office           (801) 942-0873 home
- Carol Daniels at:       (801) 538-5284 office
- Dustin Doucet at:      (801) 538-5281 office           (801) 733-0983 home

#### 3. Reporting Requirements

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

#### 4. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

Page Two  
43-013-33808  
January 10, 2008

5. Cement volumes for the 13 3/8 and 9 5/8 casing strings shall be determined from actual hole diameters in order to place cement from the pipe setting depths back to the surface.
6. Cement volume for the 5 1/2" production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 4260' MD as indicated in the submitted drilling plan.

**DIVISION OF OIL, GAS AND MINING**

**SPUDDING INFORMATION**

Name of Company: EL PASO E & P COMPANY, LP

Well Name: SPROUSE BAWDEN 2-18B1

Api No: 43-013-33808 Lease Type: FEE

Section 18 Township 02S Range 01W County DUCHESNE

Drilling Contractor PETE MARTIN DRLGG RIG # BUCKET

**SPUDDED:**

Date 02/04/08

Time \_\_\_\_\_

How DRY

**Drilling will Commence:** \_\_\_\_\_

Reported by LISA PRETZ

Telephone # (303) 291-6400

Date 02/11/08 Signed CHD

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

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

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

		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>Fee</b>
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		8. WELL NAME and NUMBER: <b>Sprouse-Bowden 2-18B1</b>
2. NAME OF OPERATOR: <b>El Paso E&amp;P Company, L.P. c/o H&amp;B Petroleum Consultants</b>		9. API NUMBER: <b>013-33808</b>
3. ADDRESS OF OPERATOR: <b>291 Daffodil</b> CITY <b>Casper</b> STATE <b>Wy</b> ZIP <b>82604</b>		10. FIELD AND POOL, OR WILDCAT: <b>Altomont/BlueBell</b>
PHONE NUMBER: <b>(307) 237-9310</b>		
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>2427'FSL &amp; 1525'FWI</b>		COUNTY: <b>Duchesne</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NESW 18 T2S R1W</b>		STATE: <b>UTAH</b>

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> <b>NOTICE OF INTENT</b> (Submit in Duplicate) Approximate date work will start: _____	<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"/> <b>SUBSEQUENT REPORT</b> (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 FLARE
	<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/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <b>Rotate Location</b>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
 The location will be rotated as discussed at the oniste. The new Location Layout is attached.

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

NAME (PLEASE PRINT) <u>Larry D. Brown</u>	TITLE <u>Agent for El Paso E&amp;P Company, L.P.</u>
SIGNATURE <u><i>Larry D. Brown</i></u>	DATE <u>2/1/2008</u>

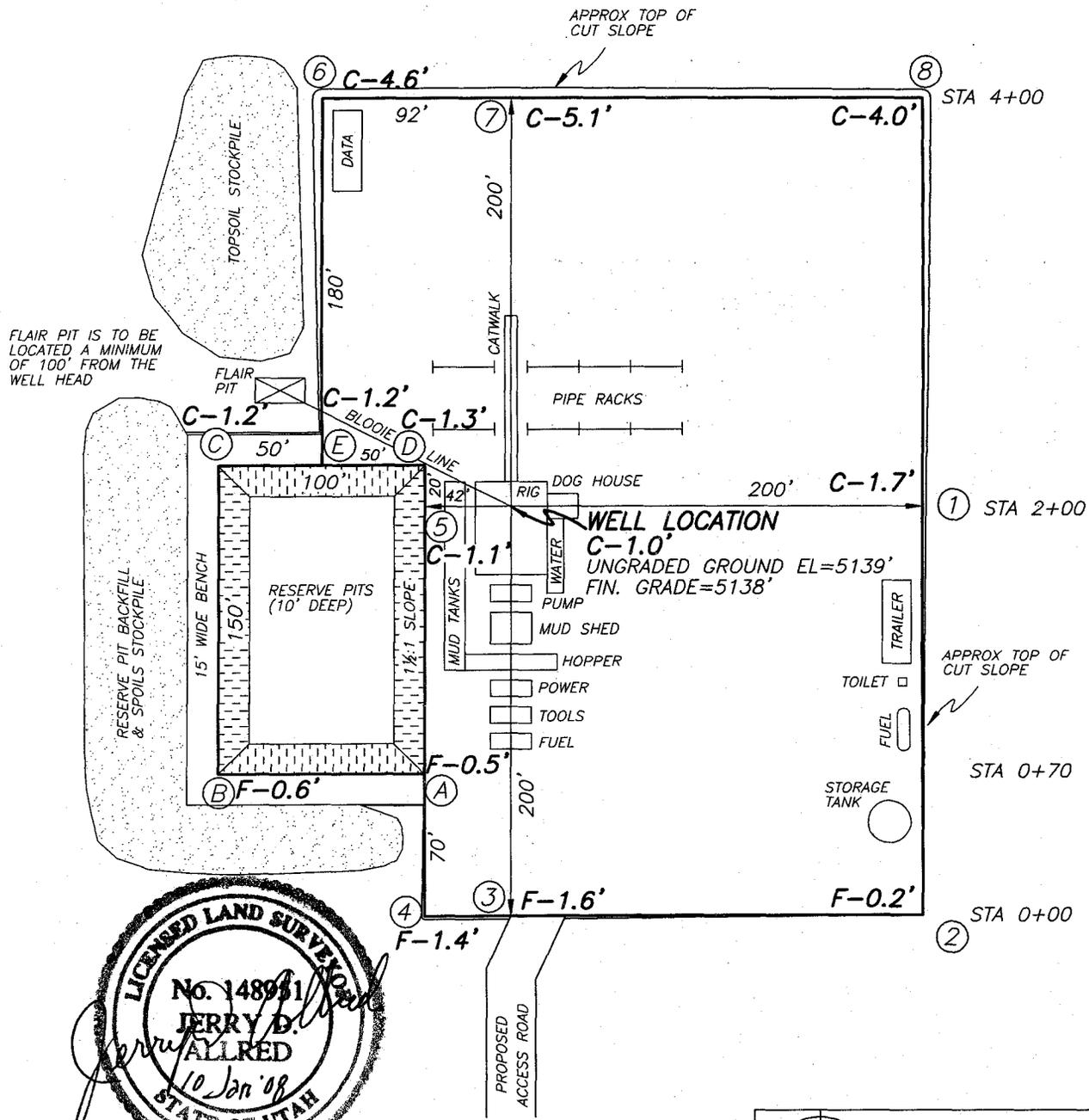
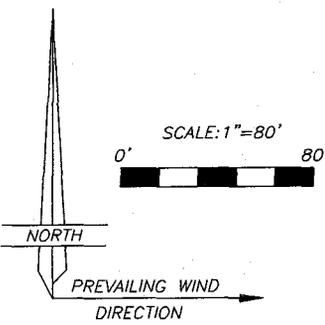
(This space for State use only)

**RECEIVED**  
**FEB 05 2008**  
DIV. OF OIL, GAS & MINING

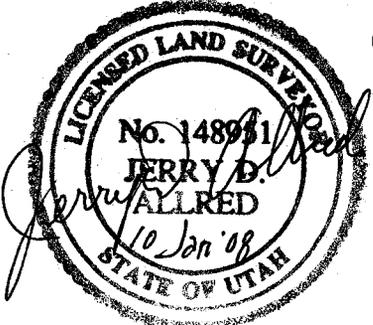
# EL PASO E & P COMPANY, L.P.

LOCATION LAYOUT FOR  
 SPROUSE-BOWDEN 2-18B1  
 SECTION 18, T2S, R1W, U.S.B.&M.  
 2427' FSL, 1525' FWL

FIGURE #1



FLAIR PIT IS TO BE LOCATED A MINIMUM OF 100' FROM THE WELL HEAD

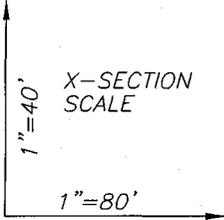


**JERRY D. ALLRED & ASSOCIATES**  
 SURVEYING CONSULTANTS  
 121 NORTH CENTER ST.--P.O. BOX 975  
 DUCHESNE, UTAH 84021  
 (435) 738-5352

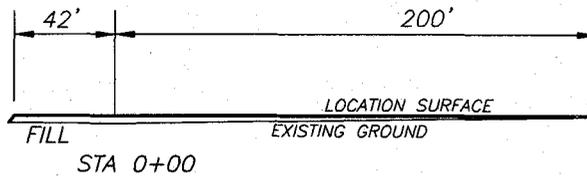
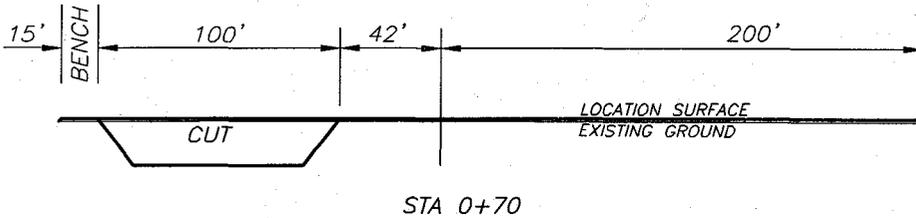
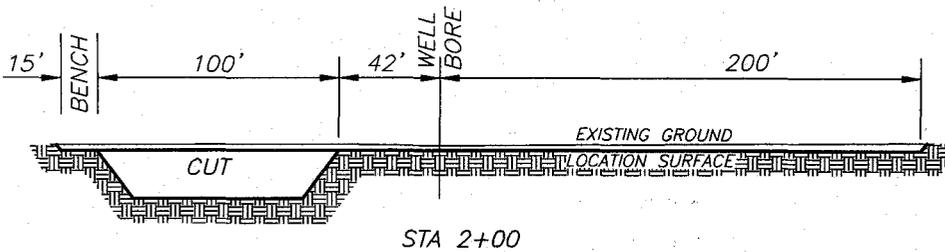
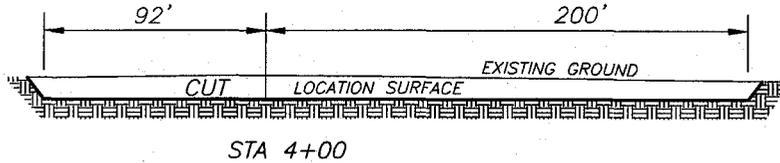
# EL PASO E & P COMPANY, L.P.

FIGURE #2

## LOCATION LAYOUT FOR SPOUSE-BOWDEN 2-18B1 SECTION 18, T2S, R1W, U.S.B.&M. 2427' FSL, 1525' FWL

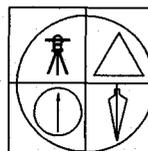
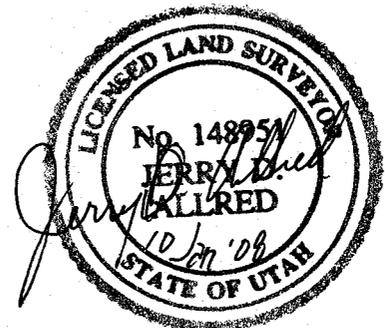


NOTE:  
ALL CUT/FILL  
SLOPES ARE  
1½:1



APPROXIMATE YARDAGES

- TOPSOIL STRIPPING: (6") = 1,850 CU. YDS.
- REMAINING LOCATION CUT = 5,950 CU. YDS.
- TOTAL CUT (INCLUDING PIT) = 10,200 CU. YDS.
- TOTAL FILL = 420 CU. YDS.



JERRY D. ALLRED & ASSOCIATES  
SURVEYING CONSULTANTS

121 NORTH CENTER ST.--P.O. BOX 975  
DUCHESNE, UTAH 84021  
(435) 738-5352

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

**CONFIDENTIAL**

FORM 9

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		5. LEASE DESIGNATION AND SERIAL NUMBER: <b>FEE</b>
<small>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.</small>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____	8. WELL NAME and NUMBER: <b>SPROUSE BOWDEN 2-18B1</b>	
2. NAME OF OPERATOR: <b>EL PASO E&amp;P COMPANY, L.P.</b>		9. API NUMBER: <b>4301333808</b>
3. ADDRESS OF OPERATOR: 1099 18TH ST, STE 1900 <small>CITY</small> DENVER <small>STATE</small> CO <small>ZIP</small> 80202	PHONE NUMBER: <b>(303) 291-6400</b>	10. FIELD AND POOL, OR WILDCAT: <b>BLUEBELL</b>
4. LOCATION OF WELL FOOTAGES AT SURFACE: <b>2427' FSL, 1525' FWL</b>		COUNTY: <b>DUCHESNE</b>
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: <b>NESE <sup>18</sup>/<sub>14</sub> 2S 1W</b>		STATE: <b>UTAH</b>

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 start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of work completion: <b>2/7/2008</b>	<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 FLARE
	<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/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <b>NOTICE OF SPUD</b>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  
**OPERATOR SPUD SUBJECT WELL ON 2/4/2008. SET 20" CONDUCTOR PIPE AT 39'. DRILL 17-1/4" HOLE TO 580' ON 2/7/2008 AND SET 13-3/8" CSG @ 557'. CEMENT IN CASING.**

NAME (PLEASE PRINT) <u>LAURA WILT</u>	TITLE <u>REGULATORY ANALYST</u>
SIGNATURE <u><i>Laura Wilt</i></u>	DATE <u>2/11/2008</u>

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

FORM 6

**ENTITY ACTION FORM**

Operator: El Paso E&P Company, L.P. Operator Account Number: N 3065  
 Address: 1099 18th Street, Suite 1900  
city Denver  
state CO zip 80202 Phone Number: (303) 291-6400

**Well 1**

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301333808	Sprouse Bowden 2-18B1		NESW	18	2S	1W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
A	99999	16677	2/4/2008			3/15/08	
Comments: <u>WSTC</u> Well Spud on 2/4/2008, 20" conductor pipe set to 39', 13-3/8" csg set @ 557'							<b>CONFIDENTIAL</b>

**Well 2**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

**Well 3**

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

**ACTION CODES:**

- 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)

Laura Wilt

Name (Please Print)

*Laura Wilt*  
Signature

Regulatory Analyst

Title

2/11/2008

Date

**RECEIVED**

**FEB 13 2008**

DIV. OF OIL, GAS & MINING

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

AMENDED REPORT  FORM 8  
(highlight changes)

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER:  
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:  
Sprouse Bowden 2-18B1

9. API NUMBER:  
4301333808

10. FIELD AND POOL, OR WILDCAT  
BLUEBELL

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:  
NESW 18 2S 1W

12. COUNTY  
DUCHESNE

13. STATE  
UTAH

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

b. TYPE OF WORK: NEW WELL  HORIZ. LATS.  DEEP-EN  RE-ENTRY  DIFF. RESVR.  OTHER \_\_\_\_\_

2. NAME OF OPERATOR:  
EIPaso E&P Company, LP

3. ADDRESS OF OPERATOR:  
1099 18th St. Ste 1900 CITY Denver STATE CO ZIP 80202

PHONE NUMBER:  
(303) 291-6400

4. LOCATION OF WELL (FOOTAGES)  
AT SURFACE: 2427' FSL, 1525' FWL  
AT TOP PRODUCING INTERVAL REPORTED BELOW: SAME  
AT TOTAL DEPTH: SAME

14. DATE SPURRED: 2/4/2008

15. DATE T.D. REACHED: 4/17/2008

16. DATE COMPLETED: 5/30/2008

ABANDONED  READY TO PRODUCE

17. ELEVATIONS (DF, RKB, RT, GL):  
5138 GL

18. TOTAL DEPTH: MD 12,473 TVD 12,473

19. PLUG BACK T.D.: MD 12,464 TVD 12,464

20. IF MULTIPLE COMPLETIONS, HOW MANY? \*

21. DEPTH BRIDGE MD PLUG SET: TVD

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)  
Compensated Neutron Log, CBL, GR, CCL, MUD

23.  
WAS WELL CORED? NO  YES  (Submit analysis)  
WAS DST RUN? NO  YES  (Submit report)  
DIRECTIONAL SURVEY? NO  YES  (Submit copy)

### 24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft.)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
17-1/4"	13-3/8 J55	54.5#	0	580		classG 700	143	surface	n/a
12-1/4"	9-5/8 8RD	40.0#	0	4,460		classC 1,879	473	surface	n/a
8-3/4"	5-1/2 P11	23.0#	0	12,447		elasts 2,075	577	surface	n/a

### 25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	8,833	8,810						

### 26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) WASATCH	9,913	12,396	9,913	12,396	11,845 12,396	3-1/8	150	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(B)					11,145 11,826	3-1/8	165	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(C)					10,474 11,096	3-1/8		Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(D)					9,913 10,440	3-1/8	243	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>

### 27. PERFORATION RECORD

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
11,845' - 12,396'	5000 GAL 15% HCL, 10,000# 100 Mesh Sand and 175,000# Sinterlite Boxite 20/40 Sand
11,145' - 11,826'	8000 GAL 15% HCL, 100,003# 100 Mesh Sand and 204,420# Sinterlite Boxite 20/40 Sand
9,913' - 11,906'	16000 GAL 15% HCL, 35,000# 100 Mesh Sand and 571,528# Sinterlite Boxite 20/40 Sand

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

29. ENCLOSED ATTACHMENTS:  
 ELECTRICAL/MECHANICAL LOGS  
 SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION  
 GEOLOGIC REPORT  
 CORE ANALYSIS  
 DST REPORT  
 OTHER: \_\_\_\_\_  
 DIRECTIONAL SURVEY

30. WELL STATUS:  
Producing

**31. INITIAL PRODUCTION**
**INTERVAL A (As shown in item #26)**

DATE FIRST PRODUCED: <b>5/20/2008</b>		TEST DATE: <b>5/26/2008</b>		HOURS TESTED: <b>24#</b>		TEST PRODUCTION RATES: →		OIL - BBL: <b>403</b>	GAS - MCF: <b>372</b>	WATER - BBL: <b>177</b>	PROD. METHOD: <b>Flowing</b>
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY <b>42.20</b>	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL: <b>403</b>	GAS - MCF: <b>372</b>	WATER - BBL: <b>177</b>	INTERVAL STATUS: <b>OPEN</b>	

**INTERVAL B (As shown in item #26)**

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →		OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:	

**INTERVAL C (As shown in item #26)**

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →		OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:	

**INTERVAL D (As shown in item #26)**

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →		OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:	

**32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)**
**33. SUMMARY OF POROUS ZONES (Include Aquifers):**

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.

**34. FORMATION (Log) MARKERS:**

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Green River	4,477	7,232		Green River	4,477
Mahogany Bench	7,232	8,536		Mahogany Bench	7,232
L. Green River	8,536	9,907		Lower Green River	8,536
Wasatch	9,907	12,473		Wasatch	9,907

**35. ADDITIONAL REMARKS (Include plugging procedure)**

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

NAME (PLEASE PRINT) LISA PRETZ TITLE ENGINEERING TECH  
 SIGNATURE  DATE 7/17/2008

This report must be submitted within 30 days of

- completing or plugging a new well
- reentering a previously plugged and abandoned well
- drilling horizontal laterals from an existing well bore
- significantly deepening an existing well bore below the previous bottom-hole depth
- recompleting to a different producing formation
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining Phone: 801-538-5340  
 1594 West North Temple, Suite 1210  
 Box 145801 Fax: 801-359-3940  
 Salt Lake City, Utah 84114-5801

CONFIDENTIAL

43-013-33808

RECEIVED 182s 1w



EL PASO PRODUCTION

JUL 28 2008

Page 1 of 12

Operations Summary Report DIV. OF OIL, GAS & MINING

Legal Well Name: SPROUSE BOWDEN 2-48B1  
 Common Well Name: SPROUSE BOWDEN 2-18B1  
 Event Name: DRILLING  
 Contractor Name: FRONTIER DRILLING  
 Rig Name: FRONTIER

Start: 2/8/2008  
 Rig Release: 4/25/2008  
 Rig Number: 11

Spud Date: 3/22/2008  
 End: 4/26/2008  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
2/8/2008	08:30 - 12:15	3.75	D	01		Notified Dennis Ingram w/State about spudding:Pro Petro MIRU - sign in & safety meeting
	12:15 - 12:30	0.25	D	04		Pick up BHA & spud, drill 17 1/4" hole, Curt's Inspection cleaned & drifted casing
	12:30 - 16:30	4.00	D	03		Drill to 180' , start building bigger pit
	16:30 - 20:00	3.50	D	03		Drill to 360', RNI hauling water off, 20.15 called Dennis Ingram w/ State and notified him of the cement job, Called welder out to weld shoe on
	20:00 - 23:00	3.00	D	03		Drill to 420'
	23:00 - 02:00	3.00	D	03		Drill to 540'
	02:00 - 03:15	1.25	D	03		Drill to 580' TD
	03:15 - 04:15	1.00	D	08		Blow hole out with air
	04:15 - 05:30	1.25	D	04		TOOH and lay down, lay down BHA, move equipmnet and rig up to run 13 3/8" casing
	05:30 - 08:50	3.33	D	12		Rig up float equipment on casing and run 557.80' of casing. hang casing w/clamp on 20" conductor. Rig down move off and rig up cement crew.
	08:50 - 09:05	0.25	D	08		Start water circulation
	09:05 - 09:40	0.58	D	14		Cement & returns to surface, 700sacks
	09:40 - 09:58	0.30	D	14		Pressure up & shut in, Dennis Ingram w/State on site for cement job
	09:58 - 11:00	1.03	D	01		Clean out and rig down
3/16/2008	07:00 - 19:00	12.00	D	01		Continue moving off of Harvest Fellowship Church to Sprouse Bowden 2-18B1. Set Subs, Drawworks, A-Legs, Llower Derrick section, Mud Pits, Pumps, Hcr House, & Generators. Shut down for night.
3/17/2008	07:00 - 19:00	12.00	D	01		Continue RU on Sprouse Bowden. Put middle section of Derrick together & set same, put Crown section together, set blocks on Catwalk & steing Bridle line. Set Desander, De silter, & Degasser & hook up. Set Gas Buster, & haul 1 load of DP, & 1 load of DCS & Pipe Racks. Haul & set 300 Up right. Set Fuel Tank.
3/18/2008	07:00 - 19:00	12.00	D	01		Continue MIRU, Prep Derrick to raise. Derrick in the air @ 11:30 3/17/08 continue RU. Set Dog House, Rig Water tank, Change house, put mats under 300 up right, & Stairs, Set cat walk.
3/19/2008	07:00 - 19:00	12.00	D	01		Continue RURT, Weld on Diverter 09:45 - 14:30 Shut down F/ Stand down Safety Meeting Linch & Prespud Meeting. Thanks for the lunch.
3/20/2008	07:00 - 06:00	23.00	D	01		RURT, NU Diverter, Hook up Choke Manifold, Gas Buster, RU Scaffolding around BOPE under Sub, RU Floor, Miter Flowline on both ends. Put up Wind walls, hang Bales & elevators
3/21/2008	06:00 - 09:00	3.00	D	01		Called State Of Utah, ( Dennis Ingram ) Informed him of our operation @ 11:00 3/20/08. Need to call him when we are ready to run 9 5/8.He had stopped by yesterday but missed him. Prepare for prespud inspection
	09:00 - 11:00	2.00	D	04		PU BHA, no fFloat sub For directional tools
	11:00 - 12:00	1.00	DT	68		O Float Sub from Weatherford
	12:00 - 17:00	5.00	D	04		PU BHA
	17:00 - 17:30	0.50	D	06		Service rig & repair Hydraulic leak on spinners
	17:30 - 18:00	0.50	D	04		PU BHA
	18:00 - 19:00	1.00	DT	60		Wait on Bell Sub from Frontier, Jere sent his to machine shop & didn't say any thing
	19:00 - 20:30	1.50	D	04		PU BHA to 545', tag up
	20:30 - 21:30	1.00	D	04		LD 1 DC & set flow nipple
	21:30 - 22:30	1.00	DT	60		Work on Pumps
	22:30 - 00:30	2.00	D	13		Drill Cement & Float Collar to 575'
00:30 - 03:00	2.50	D	09		Test BOPE to 300 Low & 1000 High F/ 10 Min each. Tester blew an "o" Ring had trouble making a new one.	
03:00 - 06:00	3.00	DT	60		PU Kelly to finish drilling cement & shoe, Swivel packing started leaking. Grease & tighten packing, still leaking. Replace packing & Wash pipe.	



Operations Summary Report

Legal Well Name: SPROUSE BOWDEN 2-18B1  
 Common Well Name: SPROUSE BOWDEN 2-18B1  
 Event Name: DRILLING  
 Contractor Name: FRONTIER DRILLING  
 Rig Name: FRONTIER  
 Spud Date: 3/22/2008  
 Start: 2/8/2008  
 End: 4/26/2008  
 Rig Release: 4/25/2008  
 Group:  
 Rig Number: 11

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/22/2008	06:00 - 08:00	2.00	D	03		Drill Cement & Float equipment to 614', 10' of new formation
	08:00 - 11:00	3.00	D	03		FIT. 8.34 PPG water in hole, formation held 150 PSI imposed pressure = 13.04 PPG Equivalent.
	11:00 - 13:30	2.50	D	03		Drill 614' - 705'
	13:30 - 15:30	2.00	DT	60		Rig repair, Air Screw went down no air to rig.
	15:30 - 16:30	1.00	D	03		Drill 705' - 736'. Generators over heating
	16:30 - 17:30	1.00	DT	60		Rig Repair, Turn fans around on Gensets to cool them.
	17:30 - 18:00	0.50	D	03		MWD Survey @ 676.8' .4 Deg. 203.9 Az.
	18:00 - 04:00	10.00	D	03		Drill 736' - 1335', 599', 59.9 fph, WOB = 20-30K, RPM = 60 on surface & 80 Down hole, 718 gpm with 2 pumps.
	04:00 - 05:00	1.00	DT	60		Down time to grease Swivel & work on pumps 3 different times
	05:00 - 05:30	0.50	D	03		Drill 1335' - 1556', water flow @ 1430' = 28 bph started on connection @ 1430'
3/23/2008	05:30 - 06:00	0.50	D	06		Grease Swivel, Packing leaking on every 2nd or 3rd connection
	06:00 - 07:30	1.50	D	03		Drill 1556' - 1712'
	07:30 - 08:00	0.50	DT	60		FIX SWIVEL PACKING
	08:00 - 13:30	5.50	D	03		DRILL 1712' - 2218'
	13:30 - 15:00	1.50	DT	61		DIRECTIONAL WORK, ATTEMPT TO PULL MWD TOOL W/ WIRELINE, RUN TOTTCO SURVEY
	15:00 - 15:30	0.50	D	03		DRILL 2218' - 2283'
	15:30 - 16:00	0.50	D	06		RIG SERVICE
	16:00 - 18:00	2.00	D	03		DRILL 2283' - 2438'
	18:00 - 19:00	1.00	D	03		DRILL 2438' - 2501'
	19:00 - 19:30	0.50	D	05		SURVEY @ 2369' INC .51-.13
3/24/2008	19:30 - 22:00	2.50	D	03		DRILL 2501' - 2748'
	22:00 - 22:30	0.50	DT	61		ATTEMPT TO RETRIVE MWD TOOL W/ SURVEY TOOL WIRE LINE BROKE
	22:30 - 05:00	6.50	DT	61		TOH, TIGHT HOLE CIRCULATE OUT 2 SINGLES.
	05:00 - 06:00	1.00	DT	61		CHANGE OUT MWD TOOL
	06:00 - 08:00	2.00	DT	61		TIH EVERY SLOW WITH 8" BHA
	08:00 - 11:00	3.00	DT	61		TIH
	11:00 - 13:00	2.00	DT	61		WORK TIGHT HOLE AND PUMP 4 JTS OUT OF HOLE AND RUN LAST STAND.
	13:00 - 15:30	2.50	DT	61		REAM TO BOTTOM.
	15:30 - 18:00	2.50	D	03		DRILL 2748' - 2970'
	18:00 - 22:15	4.25	D	03		DRILL 2970' - 3316'
3/25/2008	22:15 - 06:00	7.75	DT	60		REPAIR # 1 PUMP WAIT FOR PART AND WELDER
	06:00 - 12:30	6.50	DT	60		CHANGE FLUID MODULE ON PUMP #1 ( WASH BETWEEN VALVE SEAT AND MODULE BODY )
	12:30 - 15:00	2.50	D	03		DRILL 12 1/4" HOLE F/ 3318 TO 3499'
	15:00 - 15:30	0.50	DT	60		#2 MOTOR HEATING UP
	15:30 - 16:00	0.50	D	06		RIG SER. FUNCTION ANNULAR PREVENTOR & HCR VALVE
	16:00 - 17:30	1.50	D	03		DRILL 12 1/4" HOLE F/ 3499 TO 3628'
	17:30 - 18:00	0.50	D	05		MWD SURVEY @ 3539' INC. 2.2 AZ. 214.3
	18:00 - 05:30	11.50	D	03		DRILL 12 1/4" HOLE F/ 3628' TO 4155 FT
	05:30 - 06:00	0.50	D	05		ACUMULATE SURVEYS. 3699 FT 2.3 INC, AZ 210.8, 3888 FT 2.4 INC 208.1 AZ.
	3/26/2008	06:00 - 06:30	0.50	D	03	
06:30 - 07:00		0.50	D	08		CIRC. BTMS. UP
07:00 - 11:30		4.50	D	04		POH W/ BIT # 1 PUMPED OUT 1 SINGLE F/ 3964 TO 3933' REST OF TRIP OUT WAS OK
11:30 - 12:00		0.50	D	08		CHANGE BITS FLOW CK. WELL FLOWING AT 30 BPH
12:00 - 18:30		6.50	D	04		RIH WITH BIT #2 ( PICKED UP DRLG. JARS ) WASH AND REAM



Operations Summary Report

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 Rig Name: FRONTIER  
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Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/26/2008	12:00 - 18:30	6.50	D	04		THRU SLIGHT BRIDGES AT 1154' , 1178'
	18:30 - 20:30	2.00	D	07		RIH TO 3692' WASH AND REAM FROM 3692' TO 3851'
	20:30 - 01:00	4.50	DT	60		CHANGE WASH PIPE PACKING
	01:00 - 03:00	2.00	D	07		WASH QND REAM FROM 3759 TO 4168 FT
	03:00 - 06:00	3.00	D	03		DRILL AHEAD WITH 12 1/4 HOLE FROM 4168 TO 4300 FT.
3/27/2008	06:00 - 09:30	3.50	D	03		DRILL 12 1/4" HOLE F/ 4294 TO 4466' SURFACE CASG. TD
	09:30 - 11:00	1.50	D	08		CIRC. HOLE CLEAN
	11:00 - 11:30	0.50	D	06		RIG SER. CLEAN SUCTION TANK
	11:30 - 21:45	10.25	DT	55		COND. MUD. & BUILD VOL. HAVE 740 BBLs. 48 VIS & 12.8 PPG ON HAND TRANSFER MUD TO ACTIVE SYSTEM DISPLACE HOLE TO MUD AFTER PUMPING 690 BBLs. ONLY HAD WATER BACK FOR RETURNS SHUT DOWN CLOSE WELL IN HAD 186 PSI ON ANNULUS IN 30 MIN. BUILD VOL. IN PREMIX TANK TRANSFER 200 BBLs. TO ACTIVE SYSTEM CIRC. 12.8 PPG MUD USING STEP 2 OF THE DRILLERS METHOD AFTER PUMPING 160 BBLs. HAD MUD BACK 10 PPG CONT. CIRC. ADDITIONAL 20 BBLs. 12.8 PPG MUD RETURNS NEVER EXCEEDED 10 PPG WELL FLOWING AT 7 BBLs. / HR. SHUT WELL IN SICP SLOWLY INCREASED TO 160 PSI IN 60 MIN. CONT. BUILDING VOL.
3/28/2008	21:45 - 02:45	5.00	DT	59		STUCK PIPE IN HOLE, WORK PIPE. STRING WEIGHT 171000 LBS PULL TO 300,000 LSB. STUCK ABOVE JARS.
	02:45 - 03:15	0.50	DT	59		DUMP RIG TANKS OF ALL WATER. SET UP AND FILL SLUG TANK WITH WATER AND DISPLACE WELL OVER TO WATER. PUMP 155 BBLs WATER, PIPE CAME FREE.
	03:15 - 04:45	1.50	D	08		SWITCH BACK TO MUD AND DISPLACE OUT WATER.
	04:45 - 06:00	1.25	D	08		CIRCULATE AND CONDITION MUD.
	06:00 - 08:30	2.50	D	08		CIRC. COND. MUD & HOLE
	08:30 - 13:30	5.00	D	04		FLOW CK. PULL 5 STD'S UP TO 4000' HAD 10 - 25000# OVER PULL PUMP TRIP PILL POH TO CASG. SHOE AT 596' HAD NUMEROUS TIGHT SPOTS ALL THE WAY UP TO CASG. SHOE RIH TO 1900' WASH AND REAM INTERMITTENT BRIDGES F/ 1900' TO 2126'
	13:30 - 18:30	5.00	D	07		CIRCULATE CONDITION MUD.
	18:30 - 19:30	1.00	D	08		WASH AND REAM 2126' TO 2150'
	19:30 - 20:00	0.50	D	07		TIH.
	20:00 - 21:00	1.00	D	04		WASH AND REAM FROM 4030' TO 4466'
3/29/2008	21:00 - 23:30	2.50	D	07		TIH.
	23:30 - 02:00	2.50	D	08		WASH AND REAM FROM 4030' TO 4466'
	02:00 - 02:30	0.50	D	04		CIRCULATE AND CONDITION MUD.
	02:30 - 03:15	0.75	D	04		WIPER TRIP 5 STANDS
	03:15 - 03:30	0.25	D	04		FLOW CHECK. WELL FLOWING 450 CC IN 7 MIN.
	03:30 - 06:00	2.50	D	08		TIH.
	06:00 - 07:00	1.00	D	08		CIRCULATE AND CONDITION MUD. RAISE DENSITY TO 13.2 PPG.
	07:00 - 18:00	11.00	D	04		CIRC. COND. MUD AND HOLE
	18:00 - 19:00	1.00	D	06		MAKE WIPER TRIP TO CASG. SHOE FLOW CK. ON BTM. WELL STATIC PULL 5 STD'S UP TO 3983' FLOW CK. STATIC PUMP TRIP PILL CONT. POH UP TO 2670' FLOW CK.
	19:00 - 19:30	0.50	D	04		APPEARS WELL FLOWING AT 1/2 BPH CONT. POH UP TO CASG. SHOE AT 600' FLOW CK. WELL STATIC CONT. POH LAYED DOWN BOTH MONEL DC'S, STAB. , MOTOR & PDC BIT STABILIZER AND BIT COMPLETELY BALLED UP
19:30 - 00:30	5.00	D	04		RIG SER. CLEAN UP DRILL FLOOR	
00:30 - 02:00	1.50	D	07		MAKE UP 12 1/4 BIT, BIT SUB.	
						TIH.
						TIGHT SPOT AT 4255' KELLY UP AND WASH TO BOTTOM.



Operations Summary Report

Legal Well Name: SPROUSE BOWDEN 2-18B1  
 Common Well Name: SPROUSE BOWDEN 2-18B1  
 Event Name: DRILLING  
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 Rig Name: FRONTIER  
 Start: 2/8/2008  
 Rig Release: 4/25/2008  
 Rig Number: 11  
 Spud Date: 3/22/2008  
 End: 4/26/2008  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
3/29/2008	02:00 - 03:30	1.50	D	08		CIRCULATE AND CONDITION HOLE. BUILD TRIP PILL.
	03:30 - 03:45	0.25	D	04		PUMP PILL, PULL 6 STANDS FLOW CHECK. OK.
	03:45 - 06:00	2.25	D	04		TOH TO RUN CSG. FLOW CHECK 2563' tight spot at 1490', PULL 2 STANDS RUN BACK THROUGH TIGHT SPOT. LOOKS GOOD TOH.
3/30/2008	06:00 - 07:00	1.00	D	04		CONT. POH
	07:00 - 08:00	1.00	D	04		RIG IN PIPE HANDLER HOLD SAFETY MEETING
	08:00 - 10:00	2.00	D	04		L/D 9 - 8" DC'S, DRLG. JARS, BIT SUB
	10:00 - 11:00	1.00	D	12		RIG IN T- REX CASG. SER. HOLD SAFETY MEETING
	11:00 - 12:00	1.00	D	12		MAKE UP FLOAT SHOE, ONE JT FLOAT COLLAR,
	12:00 - 12:30	0.50	D	12		WELD FLOAT COLLAR TO CSG.
	12:30 - 16:00	3.50	D	12		RUN 60 JTS 9 5/8 CSG IN HOLE 2694'
	16:00 - 16:30	0.50	D	12		FILL CSG AND CIRCULATE
	16:30 - 20:15	3.75	D	12		RUN 12 JTS 9 5/8 CSG
	20:15 - 20:45	0.50	D	12		FILL CSG AND CIRCULATE
	20:45 - 22:00	1.25	D	12		RUN 18 JTS 9 5/8 CSG
	22:00 - 22:45	0.75	D	12		FILL CSG CHANGE OUT ELEVATORS TO 350 TON ELEVATORS. PICK UP JT CSG CIRCULATE.
	22:45 - 01:00	2.25	D	12		FILL CSG, CIRCULATE AT 4413'. PICK UP JT CIRCULATE, PICK LAST JT RUN IN HOLE. PICK UP ABD TAG BOTTOM AT 4463.5 FT. LAY OUT TAG JT. RIG AND CIRCULATE. TOTAL CSG RAN 96 JTS OF 9 5/8 " 40 LB. N 80 LT&C LANDED AT 4460 FT KB.
	01:00 - 03:30	2.50	D	12		RIG OUT CSG CREW. CIRCULATE AND CONDITION HOLE.
	03:30 - 04:00	0.50	D	14		SAFETY MEETING WITH RIG CREW AND CEMENT CREW.
04:00 - 04:30	0.50	D	14		RIG IN CEMENTERS. FLOW CHECK. PRESSURE TEST CEMENTERS LINES TO 4000 PSI.	
3/31/2008	04:30 - 06:00	1.50	D	14		CEMENT SURFAC CASING
	06:00 - 07:15	1.25	D	14		CMT'D SURFACE CASG. W/ 10 BBLS. WATER SPACER FOLLOWED BY 20 BBLS. SUPER FLUSH SPACER ( 10.2 PPG ) FOLLOWED BY 10 BBLS. WATER SPACER FOLLOWED BY 413.7 BBLS. ( 1580 SX ) VARICEM ( TM ) CMT. ( 13.5 PPG ) 1.47 YIELD FOLLOWED BY 59.4 BBLS PREMIUM CMT. ( 290 SX ) 1.15 YIELD DISPLACED WITH 324.8 BBLS. 13.1 PPG DRLG. MUD FAIR TO GOOD RETURNS THRU OUT CMT'G AND DISPLACING RECIPROCATED CASG. 15' THRU OUT CMT. JOB BUMP PLUG W/ 450 PSI FLOATS HELD OK PLUG DOWN @ 0712 HRS. MAR.30 / 08 HAD 10 BBLS. WATER & 5 BBLS. TUNED SPACER FOR RETURNS MAX. WT. OF RETURNS 10.6 PPG WELL STATIC NO DROP IN ANNULUS W O C ADD 20 PSI TO ANNULUS W/ HOWCO PRESS. DROPPED TO 5 PSI & REMAINED STATIC IN 60 MINS. SIP INCREASED TO 179 PSI OPEN WELL TO RESERVE PIT HAD CMT. TO SURFACE SHUT WELL BACK IN PRES. BUILT BACK UP TO 287 PSI IN 30 MIN. & REMAINED STATIC RAN TEMPERATURE LOG WITH PRODUCTION LOGGING SERVICES
	07:15 - 12:30	5.25	D	14		CONT. HOLDING 287 PSI ON ANNULUS WHILE WAITING ON CMT. TO CURE
	12:30 - 14:00	1.50	DT	52		MONITOR ANNULAR PRESSURE. 23:00 HRS 200 PSI. BUILD UP TO 240 PSI 01:30 HRS. DROPPED TO 225 PSI AT 03:00 HRS. MAINTANE 225 PSI TO 05:30 HRS.
	14:00 - 19:30	5.50	DT	52		WOC ( 24 HR. REQUIREMENT )
	19:30 - 06:00	10.50	DT	52		RIG IN WEATHERFORD WIRELINE SER. HOLD SAFETY MEETING WOC
	06:00 - 12:00	6.00	DT	52		RIG IN HALLIBURTON CEMENTERS
4/1/2008	12:00 - 18:00	6.00	DT	52		
	18:00 - 03:30	9.50	DT	52		
	03:30 - 04:30	1.00	DT	52		



Operations Summary Report

Legal Well Name: SPROUSE BOWDEN 2-18B1  
 Common Well Name: SPROUSE BOWDEN 2-18B1  
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 Rig Name: FRONTIER  
 Start: 2/8/2008  
 Rig Release: 4/25/2008  
 Rig Number: 11  
 Spud Date: 3/22/2008  
 End: 4/26/2008  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
4/1/2008	04:30 - 06:00	1.50	DT	52		SAFETY MEETING PICK UP 1 IN PIPE AND RUN IN HOLE. SATATE OF UTAH (DENNIS INGRAM) ON LOCATION.
4/2/2008	06:00 - 10:00	4.00	DT	52		ATTEMPT TO RUN 1" PIPE DOWN BETWEEN 13 5/8" & 9 5/8" ANNULUS UNABLE TO GET BELOW 106' KB PULL UP TO 100' KB RIG IN HALLIBURTON & HOLD SAFETY MEETING
	10:00 - 10:30	0.50	DT	52		CMT'D BACK TO SURFACE WITH 30.7 BBLs. 15.8# CLASS "G" NEAT CMT. NO DROP IN ANNULUS CMT. IN PLACE @ 1104 HRS.
	10:30 - 11:30	1.00	DT	52		APR.2 / 08 FLUSH DIVERTER & ROTATING HEAD WITH WATER PULL 5 JTS. 1" PIPE
	11:30 - 15:30 15:30 - 06:00	4.00 14.50	D D	14 10		CENTER CASG. IN ROTARY TABLE & W O C NIPPLE DOWN AND LIFT 13 5/8" DIVERTER CUT OF 9 5/8" SURFACE CASG. REMOVE ROTATING HEAD, DIVERTER & MUD CROSS CUT OF 13 3/8" CONDUCTOR MAKE FINAL CUT ON 9 5/8" & 13 3/8" CASG. WELD ON 9 5/8 x 11" 5000 PSI WEATHERFORD MBS CASG. BOWL PRESS. TEST WELD TO 5000 PSI 10 MIN OK INSTALL 11" 5M x 11" 10M B SECTION NIPPLE UP 11" 10M BOP WITH GRANT MODEL 7068 ROTATING HEAD AT 0600 HRS.
4/3/2008	06:00 - 12:00	6.00	D	10		CONT. NIPPLE UP BOP ALL BOP BOLTS TORQUED BY DOUBLE JACK NIPPLE UP CREW
	12:00 - 13:00	1.00	D	09		RIG IN PRESS. TESTER HOLD SAFETY MEETING
	13:00 - 19:00	6.00	D	09		PRESS. TEST CASG. TO 1500 PSI SET TEST PLUG IN CASG. BOWL PRESS. TEST BLIND RAMS, WELL HEAD FLANGES, BOTH KILL & CHOKE LINE VALVES, CHOKE LINE & ALL CHOKE MANIFOLD VALVES SCREW BACK INTO TEST PLUG AND PRESS. TEST UPPER & LOWER PIPE RAMS, ANNULAR PREVENTOR, UPPER KELLY COCK, INSIDE BOP & STABBING VALVE TEST PRESSURES 300 PSI LOW & 5000 PSI HIGH 10 MIN. DURATION ONLY HIGH TEST ON ANNULAR PREVENTOR DO 5 FUNCTION TEST WITH ACCUMULATOR SHUT OFF FINAL ACC. PRESS. 1100 PSI RECHARGE TO 2300 PSI IN 1MIN. & 20 SEC'S
	19:00 - 20:30 20:30 - 22:00 22:00 - 01:00 01:00 - 02:00	1.50 1.50 3.00 1.00	D D D D	10 04 04		INSTALL WEAR BUSHING PU DIRECTIONAL TOOLS & MAKE UP BHA TIH W/ BHA, PU 3 DCS & 6 4 1/2" HWDP TEST MUD MOTOR & EM TOOL, HAD TO PULL CAPS & PRIME PUMP TO TEST TOOLS, TRANSFERED 45 BBL PREMIX TO HAVE ENOUGH FLUID TO TEST TOOLS.
4/4/2008	02:00 - 03:30	1.50	D	06		SLIP & CUT 90' OF DRLG LINE
	03:30 - 05:30	2.00	D	04		TIH, LD 6 JTS DP, FILL PIPE
	05:30 - 06:00	0.50	D	07		W&R 83' TO TOC, DRILL CEMENT
	06:00 - 07:00	1.00	D	03		Drill cement & Shoe Track, as well as 10' of new formation to 4476'
	07:00 - 08:00	1.00	D	08		Circ & cond hole F/ FIT
	08:00 - 09:00	1.00	D	09		FIT = 15.4 ppg eq. MW 13.1, imposed pressure = 532 psi on surface = 15.38 ppg. Test witnessed by Dennis Ingram, State of Utah DOGM
	09:00 - 10:00	1.00	D	08		Displace mud W/ water
	10:00 - 12:00	2.00	D	03		Drill 4476' - 4606', WOB 24k, RPM down hole = 87, RPM on table = 70 Diff = 150, survey @ 4556' = 2.2 @ 204.9
	12:00 - 13:30	1.50	D	03		Drill 4606' - 4669', Parapmetrs same as above
	13:30 - 14:00	0.50	D	06		Service rig
14:00 - 17:00	3.00	D	03		Drill 4669' - 4860', Parameters same as above Survey @ 4810' 2.3 @ 204.9	
17:00 - 18:00	1.00	D	03		Surveys @ 4556', 4810', 5062, 5314, 5472, 5630,	



Operations Summary Report

Legal Well Name: SPROUSE BOWDEN 2-18B1  
 Common Well Name: SPROUSE BOWDEN 2-18B1  
 Event Name: DRILLING  
 Contractor Name: FRONTIER DRILLING  
 Rig Name: FRONTIER  
 Spud Date: 3/22/2008  
 Start: 2/8/2008  
 End: 4/26/2008  
 Rig Release: 4/25/2008  
 Group:  
 Rig Number: 11

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
4/4/2008	18:00 - 06:00	12.00	D	03		Drill 4860' - 5807' increased WOB to 35-40K, Decreased rotary RPM to 60, increased ROP by about 45-50% having to watch deviation and adjust wt accordingly
4/5/2008	06:00 - 14:00	8.00	D	03		Drill 5807' - 6314', 507', .63.3 FPH, with out connections WOB 35K, RPM on surface 45-60, RPM down hole 87
	14:00 - 14:30	0.50	D	06		Service Rig
	14:30 - 16:30	2.00	D	05		Accumulated survey time
	16:30 - 18:00	1.50	D	03		Accumulated Connection time
	18:00 - 01:30	7.50	D	03		Drill 6314' - 6807', same parameters as above. Show #16570' - 6614', LS,SS,SLTSTN,SH, LT TAN WHT LS DK BRN CLR SS, CLR BLKY BRITTMCALCITE, SPLTY TRANS GRN FLORANITE. ROP BEFORE: .5 MIN. FT, DURING .6 MIN FT, AFTER .8 MIN FT. GAS BEFORE: 136, DURING 873, AFTER 206. POR POOR, FLU: LT YEL - DULL GOLD, CUT: STRM WHT CUT. DRILLING W/ WATER, DK BRN OIL ON SHAKER.
	01:30 - 02:00	0.50	D	05		Surveys
	02:00 - 03:00	1.00	D	03		Connections
	03:00 - 03:30	0.50	D	08		C&C F/ TOH, pumped 50 bbl sweep. Check F/ Flow. No flow
	03:30 - 06:00	2.50	D	04		Pump trip pill & trip F/ bit & MWD
4/6/2008	06:00 - 08:30	2.50	D	04		CONT. POOH WITH BIT # 4 FLOW CK'D AT 6795', 974', POOH WELL STATIC
	08:30 - 09:30	1.00	D	04		CHANGE OUT AND INSPECT PDC BIT, CHANGE EM TOOL FOR PULSE TOOL
	09:30 - 12:30	3.00	D	04		RIH W/ BIT # 5 TO 4607'
	12:30 - 13:30	1.00	DT	61		BRK. CIRC. ATTEMPT TO FUNCTION MWD TOOL NOT RECIEVING SIGNAL TO SURFACE
	13:30 - 15:30	2.00	DT	61		POH WITH FAILED MWD TOOL Wet. Pull & work on MWD, POOH & break off bit, RIH W/ motor & Monel, Kelly up & check MWD tool, good signal, POOH
	15:30 - 18:00	2.50	DT	61		Make up bit TIH W/ BHA
	18:00 - 19:00	1.00	DT	61		Istall Rotating Head rubber & TIH to 2500'
	19:00 - 21:30	2.50	DT	61		PU Kelly & Test MWD, Set back Kelly, TIH to 4500' test MWD. good signal. TIH fill pipe,
	21:30 - 22:15	0.75	D	07		W&R 132' to bottom, 30' of soft fill
	22:15 - 23:30	1.25	D	03		Connections
	23:30 - 23:45	0.25	D	03		Surveys
	23:45 - 06:00	6.25	D	03		Drill 6807' - 7228', 421', 67.36 FPH, WOB 35K, RPM on Surface 60. RPM Down hole 83.
4/7/2008	06:00 - 11:45	5.75	D	03		DRILL 8.75" HOLE F/ 7226 TO 7347' FROM 7321' TO 7347' BIT CONTINUALLY SLOWING DOWN VERY ERRATIC TORQUE CIRC. BTMS. UP ( PUMPED 30 BBL HI VIS PILL AROUND )
	11:45 - 12:45	1.00	D	08		ACC. SURVEY TIME
	12:45 - 13:45	1.00	D	05		POOH TO CSG. SHOE AT 4464' HOLD TRIP DRILL WELL SECURE IN 1 MIN. 26 SEC'S FLOW CK.
	13:45 - 14:45	1.00	D	04		RIG SER. SET BRAKES
	14:45 - 15:15	0.50	D	06		CONT. POOH WITH BIT # 5 PULL ROTATING RUBBER BREAK BIT & MU NEW BIT
	15:15 - 17:00	1.75	D	04		TIH W/ BIT #6 to 4729' test MWD, finish TIH, LD 2 jtd DP
	17:00 - 21:15	4.25	D	04		W&R 7263' - 84', no noticeable fill
	21:15 - 21:45	0.50	D	07		Drill 7347' - 7350', PDC would not drill. played W/ WOB, & RPM on table & motor.
	21:45 - 23:45	2.00	D	03		Pump sweep out of pill tank, clear DP & pump pill
	23:45 - 00:00	0.25	D	08		TOH F? Tricone Bit, Pull & check out MWD
	00:00 - 05:00	5.00	D	04		



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 Rig Name: FRONTIER

Start: 2/8/2008  
 Rig Release: 4/25/2008  
 Rig Number: 11  
 Spud Date: 3/22/2008  
 End: 4/26/2008  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
4/7/2008	05:00 - 06:00	1.00	D	04		MU F30T Tri Cone, TIH, Install MWD & TIH
4/8/2008	06:00 - 08:30	2.50	D	04		L / D MUD MOTOR PICK UP REPLACEMENT MOTOR SET AT 1.15* RIH WITH MOTOR & MONEL DC'S TEST MWD OK PULL UP AND INSTALL DRILL BIT
	08:30 - 11:30	3.00	D	04		RIH TO 2540' FILL DP AND CK. MWD
	11:30 - 12:00	0.50	D	04		CONT. TRIP IN HOLE TO 4510' CK. MWD
	12:00 - 12:30	0.50	D	04		POH 20 STD'S TO RECOVER DP SCREEN
	12:30 - 13:30	1.00	D	04		CONT. RIH TO 7290' HOLE IN GOOD CONDITION
	13:30 - 14:00	0.50	D	07		WASH F/ 7290' TO 7350' NO NOTICEABLE FILL ON BTM.
	14:00 - 14:30	0.50	D	03		Connection time
	14:30 - 19:45	5.25	D	03		Drill 7350' - 7453', 103', 19.61 FPH, with out connection time. 30K WOB, Rotary RPM 20' Motor RPM 60, 404 GPM torque 204 -215, Pump pressure 1000
	19:45 - 20:15	0.50	D	06		Service rig, & Survey @ 7403.29' 3.2 @174.7
	20:15 - 20:45	0.50	D	03		Connection Time
	20:45 - 02:00	5.25	D	03		Drill 7453' - 7610', 157', 29.9 FPH, Same parameters as above
	02:00 - 02:45	0.75	D	03		Slide 7610' - 7622' @ 20L 12', 16 FPH
	02:45 - 05:45	3.00	D	03		Drill ( Rotate ) 7622' - 7704', 82', 27.3 FPH, parameters same as above. Lithology: @ 7660' 60% SS-BRN WHT CLR FROS LT GY FG VFG ANG CALC CMT HD TT. TR% PY 30% SLTSTN-LT TAN BRN FLKY FRM V CALC 10%-LS CRM BLKY HD CALCITE XL
4/9/2008	05:45 - 06:00	0.25	D	03		Connection time
	06:00 - 15:00	9.00	D	03		DRILL 8.75" HOLE F/ 7706 TO 7893'
	15:00 - 15:30	0.50	D	06		RIG SER. FT. ANNULAR PREVENTOR C / O 13 SEC'S ADJUST BRAKES
	15:30 - 16:30	1.00	D	03		DRILL F/ 7893 TO 7903' BIT GRADUALLY SLOWING DOWN, STARTING AT 7860'
	16:30 - 17:00	0.50	D	05		ACC. SURVEY TIME
	17:00 - 17:30	0.50	D	03		ACC. CONNECTION TIME
	17:30 - 18:15	0.75	D	08		CIRC. BTMS. UP LAST SAMPLE AT 7900' 90% SHALE 5% SAND 2.5% PY 2.5% QUARTZ
	18:15 - 22:45	4.50	D	04		TOH W/ bit #7. 74 stands & a double in the hole, & 75 stands in tally, correc depth to 7871.15', 31.85' correction
	22:45 - 00:00	1.25	D	04		Change out bit, clean floor FT. Blind rams 10 sec.
	00:00 - 02:45	2.75	D	04		TIH to 4370'
	02:45 - 04:00	1.25	D	06		Slip & cut Drilling line
	04:00 - 05:00	1.00	D	04		TIH 3 stands & test MWD OK
	05:00 - 06:00	1.00	D	04		TIH
4/10/2008	06:00 - 06:30	0.50	D	04		CONT. TIH TO 7811' HOLE COND. GOOD ON TRIP IN HOLE
	06:30 - 07:15	0.75	D	07		WASH 60' TO BTM. NO NOTICEABLE FILL ON BTM. HAD 4600 UNITS GAS ON BTMS. UP
	07:15 - 16:15	9.00	D	03		DRILL 8.75" HOLE F/ 7871 TO 8124', 253', 28.1 FPH, WOB 40-42K, RPM on surface 20, RPM Down hole 68, 453 GPM @ 1600 PSI
	16:15 - 16:45	0.50	D	06		Service rig
	16:45 - 17:30	0.75	D	03		Survey time
	17:30 - 18:00	0.50	D	03		Connection time
	18:00 - 23:30	5.50	D	03		Drill 8124' - 8336', 212', 33.92 FPH, same parameters as above
	23:30 - 00:15	0.75	D	03		Slide 8336' - 8352', 16', 21.3 FPH
	00:15 - 02:15	2.00	D	03		Drill 8352' - 8400', 48', 27.4 FPH, same parameter as above
	02:15 - 02:45	0.50	D	03		Slide 8400' - 8416', 16', 32 FPH.
	02:45 - 03:30	0.75	D	03		Drill 8416' - 8462' Lithology @ 8450': 60% sh-dk gy dk brn flky hd v calc v slty, 10% ls- tan w clr calcite, 30%ss- brn dk brnang sb ang wfr calc cmt hd tt trs py intbd w/ clr calcite



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 Rig Name: FRONTIER  
 Start: 2/8/2008  
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 Rig Number: 11  
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 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
4/10/2008	03:30 - 04:15	0.75	D	05		Slide 8462' - 8478',
	04:15 - 04:30	0.25	D	03		Drill 8478' - 8494' sams parameters as above
	04:30 - 05:00	0.50	D	05		survey time
	05:00 - 06:00	1.00	D	03		Connection time
4/11/2008	06:00 - 15:30	9.50	D	03		DRILL 8.75" HOLE F/ 8494' TO 8774' SLIDE DEPTHS 8493 - 8509', 8524 - 8546', 8585 - 8587'
	15:30 - 16:00	0.50	D	06		RIG SER. FUNCTION UPPER PIPE RAMS C / O 3 SEC'S FLOW CK. WELL STATIC
	16:00 - 16:30	0.50	D	03		DRILL F/ 8774 TO 8820' BACK GRD. GAS 300 - 425 UNITS CONNECTION GAS 750 - 1000 UNITS
	16:30 - 17:00	0.50	D	05		ACC. SURVEY TIME
	17:00 - 18:00	1.00	D	03		ACC. CONNECTION TIME
	18:00 - 01:45	7.75	D	03		Drill 8820' - 8986', Bit spiking on Diff, Slide depths 8933' - 8495',
	01:45 - 02:00	0.25	DT	62		Circ F/ bit trip, Bit plugged
	02:00 - 02:45	0.75	DT	62		Connection time
	02:45 - 03:00	0.25	DT	62		Survey Time
	03:00 - 04:15	1.25	DT	62		Check flow, well static, toh to 7100
4/12/2008	04:15 - 05:00	0.75	DT	62		Check F/ flow, Flowing @ 2.7 BPH, slowed to 2 PH in 3/4 hr while rigging up to pump 12.8 PPG Cap.
	05:00 - 06:00	1.00	DT	62		TOH filling hole W/ 12.8 PPG mud F/ premix
	06:00 - 11:00	5.00	DT	62		CONT. POH WITH BIT # 8 FLOW CK. @ 5100', 2932', 936', TOOH WELL STATIC
	11:00 - 12:30	1.50	DT	62		L / D WENZEL MOTOR ( BEARING HOUSING BACKED OFF ) CLEAN AND INSPECT BIT GOOD CONDITION
	12:30 - 14:15	1.75	DT	62		MAKE UP NEW 6.5" 3.0 STAGE 7 / 8 LOBE YELLOW ARROW MUD MOTOR ( SET AT 1.36 DEGREES ) CHANGE OUT MWD SHALLOW TEST MWD OK PULL UP AND PUT ON 8.75" UD 513 PDC BIT
	14:15 - 17:15	3.00	DT	62		CONT. RIH WITH BIT # 9
	17:15 - 18:15	1.00	DT	62		Circ out gas @ 4500', Mud loggers not on location to get bottoms up gas
	18:15 - 22:15	4.00	DT	62		Frish TIH, Circ out gas & check MWD @ 6403'
	22:15 - 22:45	0.50	DT	62		W&R 107' to bottom, no noticable fill
	22:45 - 04:30	5.75	D	03		Drill 8986' - Slide 9002' - 9012', 9096' - 9108', 9192' - 9208', 9224' - 9239', Lithology: 70% sh-dkgy dkbrn sb blkly frm-hd calc silty trs tan ls 30% ss-ltgy clr wht ang abang vfg calc cmt hd tt trs py
4/13/2008	04:30 - 05:00	0.50	D	05		Survey Time
	05:00 - 06:00	1.00	D	03		Connection Time
	06:00 - 15:30	9.50	D	03		DRILL 8.75" HOLE F/ 9447 TO 10158' BGG 770 UNITS CONNECTION GAS 2300 UNITS
	15:30 - 16:00	0.50	D	06		RIG SER. FUNCTION UPPER PIPE RAMS C / O 3 SEC'S FLOW CK. WELL STATIC
	16:00 - 17:30	1.50	D	03		Connection Time
	17:30 - 18:00	0.50	D	05		Survey time
	18:00 - 04:15	10.25	D	03		DRILL F/ 10158 - 10679' Put fluid through gas buster @ 10533', 01:30 BGG @ 2800u & climbing GRADUALLY RAISING MUD DENSITY TO 11.2 PPG. SLide 10585' - 10597' Lithology: 80%sh-dkgy dkbrn rdbrn sbbkly sbply frm sil calc sndy silty, 20%ss-clr fros wht ltgy fg vfg sbrnd calc cmt trs py. BGG 2197u
	04:15 - 04:45	0.50	D	05		Survey time
4/14/2008	04:45 - 06:00	1.25	D	03		Connection time
	06:00 - 16:30	10.50	D	03		DRILL 8.75" HOLE F/ 10679 TO 10936' GRADUALLY RAISING MUD DENSITY TO 12 PPG



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 Rig Name: FRONTIER  
 Start: 2/8/2008  
 Rig Release: 4/25/2008  
 Rig Number: 11  
 Spud Date: 3/22/2008  
 End: 4/26/2008  
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
4/14/2008	16:30 - 17:00	0.50	D	06		RIG SER. FUNCTION LOWER PIPE RAMS C / O 3 SEC'S FLOW CK. WELL STATIC
	17:00 - 17:45	0.75	D	04		ACC. CONNECTION TIME
	17:45 - 18:00	0.25	D	05		ACC. SURVEY TIME
	18:00 - 23:30	5.50	D	03		Drill 10936' - 11057', 94', 17.09 FPH, RPM on Surface 40, RPM Down hole 60, 400 GPM
	23:30 - 23:45	0.25	D	03		Put #2 pump on the hole with 5" liners & check out.
	23:45 - 02:00	2.25	D	03		Drill 11057' - 11079', 22', 7.7 FPH, Drilling W/ 315 GPM
	02:00 - 02:15	0.25	D	03		Put both pumps on the hole W/ 5" liners, Check F/ flow, Well Static
	02:15 - 04:45	2.50	D	03		Drill 11079' - 11118', 39', 15.6 FPH, WOB 15-20, RPM on Surface 60, RPM Downhole 47. Drilling W/ 1 pump @ 315 GPM
	04:45 - 05:15	0.50	DT	60		While drilling W/ both pumps, knocked 1 SCR off line. Lithology: 70%sh-dkgy ltgy wht sbblyk sft mod frm calc slty. 30%ss-wht clr fros sbang fg vfg clay fill trs py. clay fill very sticky BGG 2162, Max CG 2450, Max Formation Gas 4506 @ 11050'. Mud loggers equipment has had problems for 2 days now but think he may have it figured out I hope. Mud Wt. 12.1 in & out. Intermnt flare from nothing to 10' at times but lazy.
	05:15 - 05:30	0.25	D	05		Work on SCR, Drilling W/ 1 pump while waiting on an electrician. Survey time
4/15/2008	05:30 - 06:00	0.50	D	03		Connection time
	06:00 - 15:00	9.00	D	03		DRILL 8.75" HOLE F/ 11118 TO 11221' (DRLG. W/ 1 PUMP AT 316 GPM DUE TO SCR PROBLEMS)
	15:00 - 15:30	0.50	D	06		RIG SER. FUNCTION ANNULAR PREVENTOR C / O 13 SEC'S
	15:30 - 15:45	0.25	D	03		DRILL F/ 11221 TO 11244'
	15:45 - 16:00	0.25	D	08		FLOW CK. @ 11244' WELL FLOWING AT 1.3 BPH AFTER 10 MIN. FLOW DECREASING
	16:00 - 17:00	1.00	DT	60		TROUBLE SHOOT & REPAIR SCR SYSTEM
	17:00 - 17:45	0.75	D	03		ACC. CONN. TIME
	17:45 - 18:00	0.25	D	05		ACC. SURVEY TIME
	18:00 - 19:15	1.25	D	03		Drill 11244 - 11260' 16', 16 FPH, stalling out more than we are on bottom, Loosing fluid Lithology: 60%sh- dkgy ltgy sbblyk sft mod frm calc slty 40%ss-wht clr fros abang fg vfg clay fill trs py. Max formation gas 2976 @ 11242'.
	19:15 - 21:15	2.00	DT	57		Loosing fluid, lost 87 BBL in 16 Min, mixing LCM sweeps by passed shakers until trip is over
4/16/2008	21:15 - 22:45	1.50	D	04		Short trip 10 stands, normal drag, no fill. lost 33 bbl of mud on short trip, took 6 bbl over calculated fill.
	22:45 - 00:45	2.00	D	08		Circ & Cond, monitor gas, no losses, BGG 5729U W/ 6' - 18' flare, SPR both pumps, check flow, well static, spot 65 BBL of 16.5 PPG mud W/ 60 PPB of Cal Carb out bit W/ 5 bbl left in pipe.
	00:45 - 05:00	4.25	D	04		Check flow, Well static F/ 5 min. TOH came wet @ stand #50, pump 14.2 PPG trip pill. Check flow @ 5980'
	05:00 - 06:00	1.00	D	18		Pipe came wet @ 4693', shut down and mix another pill.
	06:00 - 06:15	0.25	D	08		PUMP WT'D TRIP PILL
	06:15 - 08:30	2.25	D	04		CONT. POH F/ 4693' UP TO 1131' PULL ROTATING HEAD
	08:30 - 08:45	0.25	D	04		FLOW CK. IN 10 MIN. FLUID LEVEL DROPPED 12 - 15' BELOW FLOW LINE
	08:45 - 09:15	0.50	D	04		CONT. POH PULL MWD, L / D MOTOR, INSPECT BIT & TBR BIT 1/4" UNDER GAUGE
	09:15 - 11:15	2.00	DT	68		FUNCTION BLIND RAMS C / O 3 SEC'S W O O (BIT SELECTION)
	11:15 - 13:45	2.50	D	04		MAKE UP NEW 6 1/2" YELLOW ARROW MUD MOTOR (SET AT 1.36 DEGEES) SHALLOW TEST MWD OK PULL UP



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Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
4/16/2008	11:15 - 13:45	2.50	D	04		AND PUT ON 8.75" UD513 PDC BIT
	13:45 - 15:15	1.50	D	04		RIH W/ BIT # 10 TO 852'
	15:15 - 16:45	1.50	D	06		SLIP & CUT DRILL LINE
	16:45 - 18:45	2.00	D	04		CONT. RIH TO 4514'. Kelly up & fill pipe @ 2550' check MWD tool
	18:45 - 20:00	1.25	D	08		Kelly up & circ bottoms up, check MWD tool. 16-18' flare @ bottoms up.
	20:00 - 23:00	3.00	D	04		TIH to 7929', Kelly up & Circ Bottoms up. 18' flare @ bottoms up
	23:00 - 01:30	2.50	D	04		TIH, LD 23 Jts DP to 10,508'
	01:30 - 03:00	1.50	D	07		W&R 10508' - 10808' no out of guage hole to this point.
	03:00 - 04:00	1.00	D	08		Circ. out 1/2 of 16.5 PPG pill. 18-20' flare @ bottoms up
	04:00 - 06:00	2.00	D	07		W&R 10808' - 11181' started reaming @ 11160' torque increased from 240 - 260 & 280 not hard, acts like swelled in hole more than out of guage, not trying to stall. Out of guage @ 11174'
4/17/2008	06:00 - 07:30	1.50	D	07		CONT. WASH & REAM SLIGHTLY UNDER GAUGE HOLE F/ 11181 TO 11260'
	07:30 - 16:30	9.00	D	03		DRILL 8.75" HOLE F/ 11260 TO 11601'
	16:30 - 17:00	0.50	D	05		ACC. SURVEY TIME ( ATTEMPTED TO OBTAIN SURVEYS ON THREE DIFFERENT CONNECTIONS, NO SUCCESS )
	17:00 - 18:00	1.00	D	18		ACC. CONNECTION TIME
	18:00 - 04:00	10.00	D	03		Drill 11601' - 12034' By pass shakers @ 11960' raising mw to 12.8 PPG Lithology: 60%sh-dkgy ltgy wht sbblky sft mod frm calc slty, 40%ss- wht clr fros sbang fg vfg clay fill trs py, Max formation gas @ 11898' 3923u, Max dt gas @ 11885' 4251u.
4/18/2008	04:00 - 04:30	0.50	D	05		Attempted surveys, sparadic pulses only.
	04:30 - 06:00	1.50	D	03		Connection time
	06:00 - 14:45	8.75	D	03		DRILL 8.75" HOLE F/ 12034 TO 12246'
	14:45 - 15:15	0.50	D	06		RIG SER. FUNCTION LOWER PIPE RAMS C / O 3 SEC'S FLOW CK. WELL STATIC
	15:15 - 17:00	1.75	D	03		DRILL F/ 12246 TO 12302'
	17:00 - 18:00	1.00	D	03		ACC. CONNECTION TIME
	18:00 - 00:30	6.50	D	03		Drill 12302' - 12473'. Bit torquing. Lithology: 70%sh- dkgy ltgy, wht sbblky sft frm calc slty. 30%ss-wht clr fros sbang fg vfg clay fill trs py. Max Formation Gas @ 12401' 2015 W/ 12.9 PPG mud.
	00:30 - 01:00	0.50	D	03		Connection Time
	01:00 - 02:30	1.50	D	08		Circulate bottoms up F/ bit trip
	02:30 - 03:15	0.75	D	04		Check Flow, static, pull 10 stands wet, 6 BBL short on calculated displacement, check flow, flowing 1.34 BPH.
03:15 - 06:00	2.75	D	08		Circulate bottoms up to ckeck gas & mix 65 BBL of 16.5 PPG mud to spot. spot 59 bbl out of bit & leave 6 BBL in pipe F/ dry job,	
4/19/2008	06:00 - 06:30	0.50	D	08		PUMP WT'D TRIP PILL @ 11501'
	06:30 - 10:30	4.00	D	04		CONT. POH UP TO CASG. SHOE AT 4464' FLOW CK'D AT 9530', 4392' WELL STATIC
	10:30 - 15:15	4.75	D	04		RIH ( SLOW ) TO 12413' FILL DP AT 6633', 10000', 12108'
	15:15 - 15:45	0.50	D	07		WASH 60' TO BTM. NO NOTICEABLE FILL ON BTM. HOLE APPEARS IN GOOD COND.
	15:45 - 04:30	12.75	D	08		CIRC. COND. MUD AND HOLE ( LOST 281 BBLs. DRLG. MUD ON WIPER TRIP TO CASG. SHOE ) Mud coming out of hole @ 13.7 PPG, condition mud to 12.9 PPG, Having a hard tim getting mud to 12.9, diluting W/ light mud & water. check flow, flowing 1.3 BPH Mix 65 BBL 16.8 PPG pill to spot @ 12473' check fl
4/19/2008	04:30 - 05:00	0.50	D	04		TOH 10 stands. hole shotr 9 bbl on displacement in 10 stands.
	05:00 - 06:00	1.00	D	04		Check flow, just a trickle after 5 min. not even enough to measure. Mix dry pill & strap pipe.
4/20/2008	06:00 - 06:30	0.50	D	08		PUMP WT'D TRIP PILL @ 11511'



Operations Summary Report

Legal Well Name: SPROUSE BOWDEN 2-18B1  
 Common Well Name: SPROUSE BOWDEN 2-18B1  
 Event Name: DRILLING  
 Contractor Name: FRONTIER DRILLING  
 Rig Name: FRONTIER

Spud Date: 3/22/2008  
 Start: 2/8/2008  
 End: 4/26/2008  
 Rig Release: 4/25/2008  
 Group:  
 Rig Number: 11

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
4/20/2008	06:30 - 13:00	6.50	D	04		POH TO LOG ( MEASURE OUT ) FLOW CK. 9534', 4660', PULL ROTATING HEAD RUBBER AT1100', FLOW CK. FOR 30 MIN. SLIGHT FLOW DECREASING TO STATIC AFTER 10 MIN.
	13:00 - 15:00	2.00	D	04		LAY DOWN TAPER BLADE REAMER, MONEL DC'S & MUD MOTOR ( 2 FAIR SIZES OF STATOR RUBBER FOUND ON TOP OF BIT POSSIBLE CAUSE OF MOTOR SPIKING. SLM = 3.06' long, no correction
	15:00 - 18:00	3.00	D	11		SAFETY MEETING WITH SCHLUMBERGER RIG IN 7" LOGGING ADAPTER W/ WIRELINE PACKOFF
	18:00 - 01:00	7.00	D	11		RIH W/ Tripple Combo, GR,DEN,NEUT, RESIS & log out to shoe W/ GR to GL. Stacked out @ 11988 - 12036' 12270, & 12377, worked through with out much problem. LTD 12476' PU & RIH W/ FMI & Sonic Scan Anisotropy Log, 11523' @ 05:45
4/21/2008	01:00 - 06:00	5.00	DT	69		FMI log not in original AFE
	06:00 - 16:00	10.00	DT	69		CONT. RUNNING SONIC SCANNER - FMI RAN F/ TD 12480' TO 7850' WELL STATIC THRU OUT LOGGING OPERATION
4/22/2008	16:00 - 17:00	1.00	D	11		RIG OUT SCHLUMBERGER / LOGGING ADAPTER
	17:00 - 05:00	12.00	D	04		RIH W/ RR #8 Fill pipe @ 2500', Circulate bottoms up @ 4667, 5' flare, 8368', 8-12' flare, 12009' 30' flare, gained 25 bbl. Trip gas from 12009' 3206u, TIH to 12387',
	05:00 - 05:15	0.25	D	07		W&R 12387' to 12473', no noticeable fill
	05:15 - 06:00	0.75	D	08		C&C, no bottoms up at report time
	06:00 - 11:45	5.75	D	08		C&C to run 5 1/2" Production Casing
4/23/2008	11:45 - 23:45	12.00	D	04		LDDP, Flow Checks @ 12473', 10603', 8831', 5634', all F/ 10 Min.
	23:45 - 02:00	2.25	D	15		Change out top pipe rams Tested door seals & rams to 250 low, started to test to 5k, made 3k and something popped, pressure fell off and fluid leaking by test plug.
	02:00 - 06:00	4.00	DT	54		Trying to retrieve Test plug, haven't been able to get screwed in to plug. ATTEMPT TO RETRIEVE TEST PLUG WITH 4 1/2" IF XO SUB, 1 JT. DP & KELLY MARKS INDICATE PIN GOING INTO BOX 3", LEAVING 11/4" OF THREADS EXPOSED ATTEMPT TO MAKE MAGNET RUN W/ 10 3/4" MAGNET NO SUCCESS RUN IN W/ 3 1/2" x 4 1/2" TAPER TAP TAPER TAP BOTTOMING OUT RUN IN W/ 4 5/8" x 5 1/4" TAPER TAP ALSO BTM'G OUT RUN IN WITH 4 1/2 IF CUT LIP SCREW IN SUB ALSO BTM'G OUT WELDER CUT 2" OFF OF TAPER TAP AND SCREW IN SUB RERUN SCREW IN SUB SCREW INTO TEST PLUG AND PULL UP TO 104000# AFTER WORKING FOR 20 MIN., SCREW IN SUB STRIPPED OUT MAKE UP 3 1/2" FISHING JARS & MODIFIED TAPER TAP SCREW INTO TEST PLUG PUT 4 WRAPS PRIMER CORD AROUND CASG. BOWL ( 320 GRAINS ) PULL UP TO 100,000# AND DETONATE PRIMER CORD NO MOVEMENT OF TEST PLUG
06:00 - 18:30	12.50	DT	54		TRIP JARS, CAME OUT OF PLUG, SCREW BACK INTO PLUG, TRIP JARS CAME OUT OF PLUG AGAIN. CUT OFF 2" OFF OF SCREW IN SUB,SCREW BACK INTO PLUG, PULLED 90K ON PLUG. HOLD SAFETY MEETING WITH ALL PERSONEL ABOUT FIRE IN THE CELLAR & OPERATIONS OF HEATING THE "B" SCETION. FILLED OUT A HOT WORK PERMIT, CHECKED O2 & LEL. HEAT "B" SECTION WITH PROPANE TORCHES TO MELT "O" RING, PLUG MOVED 3" DECIDED TO REPLACE "B' SECTION, ND BOPE r&r "B" SECTION	
4/25/2008	18:30 - 05:30	11.00	DT	54		TEST BOPE, UPPER PIPES & DOOR SEALS TO 250 LOW & 5k HIGH
	05:30 - 06:00	0.50	D	09		INSTALL ROTTATING RUBBER WASH LAST 2 JTS. CASG. DOWN
4/25/2008	06:00 - 07:45	1.75	D	07		



Operations Summary Report

Legal Well Name: SPROUSE BOWDEN 2-18B1  
 Common Well Name: SPROUSE BOWDEN 2-18B1  
 Event Name: DRILLING  
 Contractor Name: FRONTIER DRILLING  
 Rig Name: FRONTIER  
 Spud Date: 3/22/2008  
 Start: 2/8/2008  
 End: 4/26/2008  
 Rig Release: 4/25/2008  
 Group:  
 Rig Number: 11

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
4/25/2008	06:00 - 07:45	1.75	D	07		F/ 12384' TO 12473' DID NOT TOUCH BTM. PICK UP 1 JT. CASG. TO VERIFY BTM. BTM. LOCATED 5' IN ON NEXT JOINT CIRC. COND. MUD AND HOLE MUD WT. IN AND OUT 13.1 PPG HAD 450 - 464 UNITS GAS ON BTMS. UP 10' FLARE DIMMINISHING AFTER 60 MIN.
	07:45 - 13:15	5.50	D	08		RIG IN HALLIBURTON HOLD SAFETY MEETING CMT'D CASG. WITH 2075 Sx of Elastiseal Foamed 15.6 - 13.5 PPG, Yield 1.56 & 120 SX of unfoamed Elastiseal. 15.6 PPG, Yield 1.56. Displace with 261 BBL of 2% KCL Water. Bumped plug @ 18:00 Hold pressure F/ 10 Min. Release, floats held. RD HES
	13:15 - 20:00	6.75	D	14		WOC, Clean Mud tanks & RD as much as possible. Monitor Backside Pressure, "0" @ 05:15
	20:00 - 06:00	10.00	D	14		W O C O PRESS. ON ANNULUS
4/26/2008	06:00 - 12:00	6.00	D	14		NIPPLE DOWN AND LIFT BOP INSTALL AND SET CASG. SLIPS W/ 70000# CUT CASG. OFF 2' ABOVE CBF SET BOP BACK DOWN & INSTALL 2 BOLTS FOR SAFETY WILL LIFT BOP OFF LATER WITH CRANE CHANGE TOP PIPE RAMS F/ 5 1/2 BACK TO 5'
	12:00 - 16:00	4.00	D	15		TEAR OUT RIG INSPECTED ALL X/O SUBS, DC'S AND KELLY WITH COMON SENSE INSPECTION CLEANED BOTH PREMIX TANKS W/ HYDRO VAC CONT. WITH GENERAL TEAR OUT
	16:00 - 18:00	2.00	D	01		Release rig

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9	
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> FEE	
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>	
		<b>7. UNIT or CA AGREEMENT NAME:</b>	
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> SPOUSE BOWDEN 2-18B1		
<b>2. NAME OF OPERATOR:</b> EL PASO E&P COMPANY, LP	<b>9. API NUMBER:</b> 43013338080000		
<b>3. ADDRESS OF OPERATOR:</b> 1001 Louisiana St. , Houston, TX, 77002	<b>PHONE NUMBER:</b> 713 420-5038 Ext	<b>9. FIELD and POOL or WILDCAT:</b> BLUEBELL	
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2427 FSL 1525 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 18 Township: 02.0S Range: 01.0W Meridian: U	<b>COUNTY:</b> DUCHESNE		
		<b>STATE:</b> UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 10/15/2011  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<input checked="" type="checkbox"/> <b>ACIDIZE</b>  <input type="checkbox"/> <b>CHANGE TO PREVIOUS PLANS</b>  <input type="checkbox"/> <b>CHANGE WELL STATUS</b>  <input type="checkbox"/> <b>DEEPEN</b>  <input type="checkbox"/> <b>OPERATOR CHANGE</b>  <input type="checkbox"/> <b>PRODUCTION START OR RESUME</b>  <input type="checkbox"/> <b>REPERFORATE CURRENT FORMATION</b>  <input type="checkbox"/> <b>TUBING REPAIR</b>  <input type="checkbox"/> <b>WATER SHUTOFF</b>  <input type="checkbox"/> <b>WILDCAT WELL DETERMINATION</b>	<input type="checkbox"/> <b>ALTER CASING</b>  <input type="checkbox"/> <b>CHANGE TUBING</b>  <input type="checkbox"/> <b>COMMINGLE PRODUCING FORMATIONS</b>  <input type="checkbox"/> <b>FRACTURE TREAT</b>  <input type="checkbox"/> <b>PLUG AND ABANDON</b>  <input type="checkbox"/> <b>RECLAMATION OF WELL SITE</b>  <input type="checkbox"/> <b>SIDETRACK TO REPAIR WELL</b>  <input type="checkbox"/> <b>VENT OR FLARE</b>  <input type="checkbox"/> <b>SI TA STATUS EXTENSION</b>  <input type="checkbox"/> <b>OTHER</b>	<input type="checkbox"/> <b>CASING REPAIR</b>  <input type="checkbox"/> <b>CHANGE WELL NAME</b>  <input type="checkbox"/> <b>CONVERT WELL TYPE</b>  <input type="checkbox"/> <b>NEW CONSTRUCTION</b>  <input type="checkbox"/> <b>PLUG BACK</b>  <input type="checkbox"/> <b>RECOMPLETE DIFFERENT FORMATION</b>  <input type="checkbox"/> <b>TEMPORARY ABANDON</b>  <input type="checkbox"/> <b>WATER DISPOSAL</b>  <input type="checkbox"/> <b>APD EXTENSION</b>  OTHER: <input style="width: 50px;" type="text"/>
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.			
El Paso plans to circulate & clean wellbore and acidize. Please see attached procedure.			
<p style="color: red; font-weight: bold;">Approved by the Utah Division of Oil, Gas and Mining</p> <p style="color: red; font-weight: bold;">Date: <u>09/20/2011</u></p> <p style="color: red; font-weight: bold;">By: <u><i>Dark K. Quist</i></u></p>			
<b>NAME (PLEASE PRINT)</b> Maria S. Gomez	<b>PHONE NUMBER</b> 713 420-5038	<b>TITLE</b> Sr. Regulatory Analyst	
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/1/2011		

## Sprouse Bowden 2-18B1 Procedure Summary

- POOH w/rods, pump, and tubing
- Circulate & Clean wellbore
- Acidize existing perforations (9,913'-12,396') with 50,000 gal of 15% HCL in three separate stages, isolating each stage with a retrievable plug and packer
- RIH w/ BHA, tubing, new pump, and rods.

<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.	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: SPROUSE BOWDEN 2-18B1
2. NAME OF OPERATOR: EL PASO E&P COMPANY, LP	9. API NUMBER: 43013338080000
3. ADDRESS OF OPERATOR: 1001 Louisiana St. , Houston, TX, 77002	9. FIELD and POOL or WILDCAT: BLUEBELL
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2427 FSL 1525 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 18 Township: 02.0S Range: 01.0W Meridian: U	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 5/8/2012	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

Plug off the Wasatch and recomplete to LGR. See attached for details.

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

Date: May 09, 2012

By: 

NAME (PLEASE PRINT) Maria S. Gomez	PHONE NUMBER 713 420-5038	TITLE Principle Regulatory Analyst
SIGNATURE N/A	DATE 5/2/2012	

## Sprouse Bowden 2-18B1 Procedure Summary

- POOH w/rods, pump, and tubing
- Circulate & Clean wellbore
- RIH with 5-1/2" CIBP and set plug at ~9,910'. Dump 10' cement on plug
- Perforate new interval from in LGR from (9,669'-9,894')
- Acidize new perforations with 10,000 gals of 15% HCL
- RIH with 5-1/2" CBP and set plug at ~9,665'
- Perforate new intervals in the LGR from (9,331'-9,660')
- Acidize new perforations with 15,000 gals of 15% HCL
- RIH with 5-1/2" CBP and set plug at ~9,265'
- Perforate new intervals in the LGR from (8,751'-9,258')
- Acidize new perforations with 20,000 gals of 15% HCL
- Set kill CBP at ~8,700'
- Drill out CBPs at ~8,700, ~9,265' and ~9,665'
- RIH w/BHA, tubing, pump, and rods
- Clean location and resume production

**Division of Oil, Gas and Mining**  
**OPERATOR CHANGE WORKSHEET (for state use only)**

**ROUTING**

**CDW**

**X - Change of Operator (Well Sold)**

**Operator Name Change/Merger**

The operator of the well(s) listed below has changed, effective:

**6/1/2012**

<b>FROM: (Old Operator):</b> N3065- El Paso E&P Company, L.P. 1001 Louisiana Street Houston, TX. 77002  Phone: 1 (713) 997-5038	<b>TO: ( New Operator):</b> N3850- EP Energy E&P Company, L.P. 1001 Louisiana Street Houston, TX. 77002  Phone: 1 (713) 997-5038
--	---

WELL NAME	CA No.	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List									

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/25/2012
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/25/2012
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 6/27/2012
- 4a. Is the new operator registered in the State of Utah:          Business Number: 2114377-0181
- 5a. (R649-9-2)Waste Management Plan has been received on:          Yes
- 5b. Inspections of LA PA state/fee well sites complete on:          N/A
- 5c. Reports current for Production/Disposition & Sundries on:          6/25/2012
6. **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          N/A          BIA          Not Received
7. **Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on:          N/A
8. **Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on:          N/A
9. **Underground Injection Control ("UIC")** 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:          **Second Oper Chg**

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on:          6/29/2012
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on:          6/29/2012
3. Bond information entered in RBDMS on:          6/29/2012
4. Fee/State wells attached to bond in RBDMS on:          6/29/2012
5. Injection Projects to new operator in RBDMS on:          6/29/2012
6. Receipt of Acceptance of Drilling Procedures for APD/New on:          N/A

**BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number:          103601420
2. Indian well(s) covered by Bond Number:          103601473
- 3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number          400JU0705
- 3b. The **FORMER** operator has requested a release of liability from their bond on:          N/A

**LEASE INTEREST OWNER NOTIFICATION:**

4. (R649-2-10) The **NEW** 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:          6/29/2012

**COMMENTS:**

Disposal and Injections wells will be moved when UIC 5 is received.

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

FORM 9

5. LEASE DESIGNATION AND SERIAL NUMBER:

Multiple Leases

**SUNDRY NOTICES AND REPORTS ON WELLS**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

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7. UNIT or CA AGREEMENT NAME:

1. TYPE OF WELL OIL WELL  GAS WELL  OTHER \_\_\_\_\_

8. WELL NAME and NUMBER:

See Attached

2. NAME OF OPERATOR:  
El Paso E&P Company, L.P. Attn: Maria Gomez

9. API NUMBER:

3. ADDRESS OF OPERATOR:  
1001 Louisiana CITY Houston STATE TX ZIP 77002 PHONE NUMBER:  
(713) 997-5038

10. FIELD AND POOL, OR WILDCAT:

See Attached

4. LOCATION OF WELL  
FOOTAGES AT SURFACE: See Attached

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

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

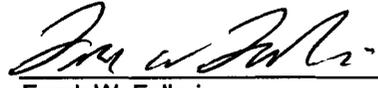
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER 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 FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: <u>Change of</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<u>Name/Operator</u>

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

Please be advised that El Paso E&P Company, L.P. (current Operator) has changed names to EP Energy E&P Company, L.P. (new Operator) effective June 1, 2012 and that EP Energy E&P Company, L.P. is considered the new operator of the attached well locations.

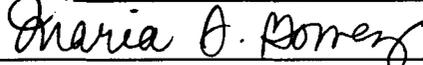
EP Energy E&P Company, L.P. is responsible under the terms and conditions of the lease(s) for the operations conducted upon leased lands. Bond coverage is provided by the State of Utah Statewide Blanket Bond No. 400JU0705, Bureau of Land Management Nationwide Bond No. 103601420, and Bureau of Indian Affairs Nationwide Bond No. 103601473.

  
Frank W. Falleri  
Vice President  
El Paso E&P Company, L.P.

  
Frank W. Falleri  
Sr. Vice President  
EP Energy E&P Company, L.P.

NAME (PLEASE PRINT) Maria S. Gomez

TITLE Principal Regulatory Analyst

SIGNATURE 

DATE 6/22/2012

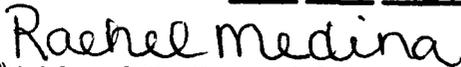
(This space for State use only)

RECEIVED

JUN 25 2012

DIV. OF OIL, GAS & MINING

APPROVED 6/29/2012



(See Instructions on Reverse Side)

(5/2009) Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician  
Rachel Medina

Well Name	Sec	TWP	RNG	API Number	Entity	Lease Type	Well Type	Well Status	Conf
DWR 3-17C6	17	030S	060W	4301350070		14204621118	OW	APD	C
LAKEWOOD ESTATES 3-33C6	33	030S	060W	4301350127		1420H621328	OW	APD	C
YOUNG 3-15A3	15	010S	030W	4301350122		FEE	OW	APD	C
WHITING 4-1A2	01	010S	020W	4301350424		Fee	OW	APD	C
EL PASO 4-34A4	34	010S	040W	4301350720		Fee	OW	APD	C
YOUNG 2-2B1	02	020S	010W	4304751180		FEE	OW	APD	C
LAKE FORK RANCH 3-10B4	10	020S	040W	4301350712	18221	Fee	OW	DRL	C
LAKE FORK RANCH 4-26B4	26	020S	040W	4301350714	18432	Fee	OW	DRL	C
LAKE FORK RANCH 4-24B4	24	020S	040W	4301350717	18315	Fee	OW	DRL	C
Cook 4-14B3	14	020S	030W	4301351162	18449	Fee	OW	DRL	C
Peterson 4-22C6	22	030S	060W	4301351163	18518	Fee	OW	DRL	C
Lake Fork Ranch 4-14B4	14	020S	040W	4301351240	99999	Fee	OW	DRL	C
Melesco 4-20C6	20	030S	060W	4301351241	99999	Fee	OW	DRL	C
Peck 3-13B5	13	020S	050W	4301351364	99999	Fee	OW	DRL	C
Jensen 2-9C4	09	030S	040W	4301351375	99999	Fee	OW	DRL	C
El Paso 3-5C4	05	030S	040W	4301351376	18563	Fee	OW	DRL	C
ULT 6-31	31	030S	020E	4304740033		FEE	OW	LA	
OBERRHANSLY 2-2A1	02	010S	010W	4304740164		FEE	OW	LA	
DWR 3-15C6	15	030S	060W	4301351433		14-20-H62-4724	OW	NEW	C
Lake Fork Ranch 5-23B4	23	020S	040W	4301350739		Fee	OW	NEW	
Duchesne Land 4-10C5	10	030S	050W	4301351262		Fee	OW	NEW	C
Cabinland 4-9B3	09	020S	030W	4301351374		Fee	OW	NEW	C
Layton 4-2B3	02	020S	030W	4301351389		Fee	OW	NEW	C
Golinski 4-24B5	24	020S	050W	4301351404		Fee	OW	NEW	C
Alba 1-21C4	21	030S	040W	4301351460		Fee	OW	NEW	C
Allison 4-19C5	19	030S	050W	4301351466		Fee	OW	NEW	C
Seeley 4-3B3	03	020S	030W	4301351486		Fee	OW	NEW	C
Allen 4-25B5	25	020S	050W	4301351487		Fee	OW	NEW	C
Hewett 2-6C4	06	030S	040W	4301351489		Fee	OW	NEW	C
Young 2-7C4	07	030S	040W	4301351500		Fee	OW	NEW	C
Brighton 3-31A1E	31	010S	010E	4304752471		Fee	OW	NEW	C
Hamaker 3-25A1	25	010S	010W	4304752491		Fee	OW	NEW	C
Bolton 3-29A1E	29	010S	010E	4304752871		Fee	OW	NEW	C
HORROCKS 5-20A1	20	010S	010W	4301334280	17378	FEE	OW	OPS	C
DWR 3-19C6	19	030S	060W	4301334263	17440	14-20-462-1120	OW	P	
DWR 3-22C6	22	030S	060W	4301334106	17298	14-20-462-1131	OW	P	
DWR 3-28C6	28	030S	060W	4301334264	17360	14-20-462-1323	OW	P	
UTE 1-7A2	07	010S	020W	4301330025	5850	14-20-462-811	OW	P	
UTE 2-17C6	17	030S	060W	4301331033	10115	14-20-H62-1118	OW	P	
WLR TRIBAL 2-19C6	19	030S	060W	4301331035	10250	14-20-H62-1120	OW	P	
CEDAR RIM 10-A-15C6	15	030S	060W	4301330615	6420	14-20-H62-1128	OW	P	
CEDAR RIM 12A	28	030S	060W	4301331173	10672	14-20-H62-1323	OW	P	
UTE-FEE 2-33C6	33	030S	060W	4301331123	10365	14-20-H62-1328	OW	P	
TAYLOR 3-34C6	34	030S	060W	4301350200	17572	1420H621329	OW	P	
BAKER UTE 2-34C6	34	030S	060W	4301332634	14590	14-20-H62-1329	OW	P	
UTE 3-35Z2 K	35	010N	020W	4301331133	10483	14-20-H62-1614	OW	P	
UTE 1-32Z2	32	010N	020W	4301330379	1915	14-20-H62-1702	OW	P	
UTE TRIBAL 1-33Z2	33	010N	020W	4301330334	1851	14-20-H62-1703	OW	P	
UTE 2-33Z2	33	010N	020W	4301331111	10451	14-20-H62-1703	OW	P	
UTE TRIBAL 2-34Z2	34	010N	020W	4301331167	10668	14-20-H62-1704	OW	P	
LAKE FORK RANCH 3-13B4	13	020S	040W	4301334262	17439	14-20-H62-1743	OW	P	
UTE 1-28B4	28	020S	040W	4301330242	1796	14-20-H62-1745	OW	P	
UTE 1-34A4	34	010S	040W	4301330076	1585	14-20-H62-1774	OW	P	
UTE 1-36A4	36	010S	040W	4301330069	1580	14-20-H62-1793	OW	P	
UTE 1-1B4	01	020S	040W	4301330129	1700	14-20-H62-1798	OW	P	
UTE 1-31A2	31	010S	020W	4301330401	1925	14-20-H62-1801	OW	P	

El Paso E2 Company, L.P. (N3065) to EP Energy E2 Company, L.P. (N3850) effective 6/1/2012

UTE 1-25A3	25	010S	030W	4301330370	1920	14-20-H62-1802	OW	P	
UTE 2-25A3	25	010S	030W	4301331343	11361	14-20-H62-1802	OW	P	
UTE 1-26A3	26	010S	030W	4301330348	1890	14-20-H62-1803	OW	P	
UTE 2-26A3	26	010S	030W	4301331340	11349	14-20-H62-1803	OW	P	
UTE TRIBAL 4-35A3	35	010S	030W	4301350274	18009	1420H621804	OW	P	C
UTE 2-35A3	35	010S	030W	4301331292	11222	14-20-H62-1804	OW	P	
UTE 3-35A3	35	010S	030W	4301331365	11454	14-20-H62-1804	OW	P	
UTE 1-6B2	06	020S	020W	4301330349	1895	14-20-H62-1807	OW	P	
UTE 2-6B2	06	020S	020W	4301331140	11190	14-20-H62-1807	OW	P	
UTE TRIBAL 3-6B2	06	020S	020W	4301350273	18008	14-20-H62-1807	OW	P	C
POWELL 4-19A1	19	010S	010W	4301330071	8302	14-20-H62-1847	OW	P	
COLTHARP 1-27Z1	27	010N	010W	4301330151	4700	14-20-H62-1933	OW	P	
UTE 1-8A1E	08	010S	010E	4304730173	1846	14-20-H62-2147	OW	P	
UTE TRIBE 1-31	31	010N	020W	4301330278	4755	14-20-H62-2421	OW	P	
UTE 1-28B6X	28	020S	060W	4301330510	11165	14-20-H62-2492	OW	P	
RINKER 2-21B5	21	020S	050W	4301334166	17299	14-20-H62-2508	OW	P	
MURDOCK 2-34B5	34	020S	050W	4301331132	10456	14-20-H62-2511	OW	P	
UTE 1-35B6	35	020S	060W	4301330507	2335	14-20-H62-2531	OW	P	
UTE TRIBAL 1-17A1E	17	010S	010E	4304730829	860	14-20-H62-2658	OW	P	
UTE 2-17A1E	17	010S	010E	4304737831	16709	14-20-H62-2658	OW	P	
UTE TRIBAL 1-27A1E	27	010S	010E	4304730421	800	14-20-H62-2662	OW	P	
UTE TRIBAL 1-35A1E	35	010S	010E	4304730286	795	14-20-H62-2665	OW	P	
UTE TRIBAL 1-15A1E	15	010S	010E	4304730820	850	14-20-H62-2717	OW	P	
UTE TRIBAL P-3B1E	03	020S	010E	4304730190	4536	14-20-H62-2873	OW	P	
UTE TRIBAL 1-22A1E	22	010S	010E	4304730429	810	14-20-H62-3103	OW	P	
B H UTE 1-35C6	35	030S	060W	4301330419	10705	14-20-H62-3436	OW	P	
BH UTE 2-35C6	35	030S	060W	4301332790	15802	14-20-H62-3436	OW	P	
MCFARLANE 1-4D6	04	040S	060W	4301331074	10325	14-20-H62-3452	OW	P	
UTE TRIBAL 1-11D6	11	040S	060W	4301330482	6415	14-20-H62-3454	OW	P	
CARSON 2-36A1	36	010S	010W	4304731407	737	14-20-H62-3806	OW	P	
UTE 2-14C6	14	030S	060W	4301330775	9133	14-20-H62-3809	OW	P	
DWR 3-14C6	14	030S	060W	4301334003	17092	14-20-H62-3809	OW	P	
THE PERFECT "10" 1-10A1	10	010S	010W	4301330935	9461	14-20-H62-3855	OW	P	
BADGER-SAM H U MONGUS 1-15A1	15	010S	010W	4301330949	9462	14-20-H62-3860	OW	P	
MAXIMILLIAN-UTE 14-1	14	010S	030W	4301330726	8437	14-20-H62-3868	OW	P	
FRED BASSETT 1-22A1	22	010S	010W	4301330781	9460	14-20-H62-3880	OW	P	
UTE TRIBAL 1-30Z1	30	010N	010W	4301330813	9405	14-20-H62-3910	OW	P	
UTE LB 1-13A3	13	010S	030W	4301330894	9402	14-20-H62-3980	OW	P	
UTE 2-22B6	22	020S	060W	4301331444	11641	14-20-H62-4614	OW	P	
UINTA OURAY 1-1A3	01	010S	030W	4301330132	5540	14-20-H62-4664	OW	P	
UTE 1-6D6	06	040S	060W	4301331696	12058	14-20-H62-4752	OW	P	
UTE 2-11D6	11	040S	060W	4301350179	17667	1420H624801	OW	P	
UTE 1-15D6	15	040S	060W	4301330429	10958	14-20-H62-4824	OW	P	
UTE 2-15D6	15	040S	060W	4301334026	17193	14-20-H62-4824	OW	P	
HILL 3-24C6	24	030S	060W	4301350293	18020	1420H624866	OW	P	C
BARCLAY UTE 2-24C6R	24	030S	060W	4301333730	16385	14-20-H62-4866	OW	P	
BROTHERSON 1-2B4	02	020S	040W	4301330062	1570	FEE	OW	P	
BOREN 1-24A2	24	010S	020W	4301330084	5740	FEE	OW	P	
FARNSWORTH 1-13B5	13	020S	050W	4301330092	1610	FEE	OW	P	
BROADHEAD 1-21B6	21	020S	060W	4301330100	1595	FEE	OW	P	
ASAY E J 1-20A1	20	010S	010W	4301330102	8304	FEE	OW	P	
HANSON TRUST 1-5B3	05	020S	030W	4301330109	1635	FEE	OW	P	
ELLSWORTH 1-8B4	08	020S	040W	4301330112	1655	FEE	OW	P	
ELLSWORTH 1-9B4	09	020S	040W	4301330118	1660	FEE	OW	P	
ELLSWORTH 1-17B4	17	020S	040W	4301330126	1695	FEE	OW	P	
CHANDLER 1-5B4	05	020S	040W	4301330140	1685	FEE	OW	P	
HANSON 1-32A3	32	010S	030W	4301330141	1640	FEE	OW	P	
JESSEN 1-17A4	17	010S	040W	4301330173	4725	FEE	OW	P	

El Paso E3 Company, L.P. (N3065) to EP Energy E3 Company, L.P. (N3850) effective 6/1/2012

JENKINS 1-1B3	01	020S	030W	4301330175	1790	FEE	OW	P
GOODRICH 1-2B3	02	020S	030W	4301330182	1765	FEE	OW	P
ELLSWORTH 1-19B4	19	020S	040W	4301330183	1760	FEE	OW	P
DOYLE 1-10B3	10	020S	030W	4301330187	1810	FEE	OW	P
JOS. SMITH 1-17C5	17	030S	050W	4301330188	5510	FEE	OW	P
RUDY 1-11B3	11	020S	030W	4301330204	1820	FEE	OW	P
CROOK 1-6B4	06	020S	040W	4301330213	1825	FEE	OW	P
HUNT 1-21B4	21	020S	040W	4301330214	1840	FEE	OW	P
LAWRENCE 1-30B4	30	020S	040W	4301330220	1845	FEE	OW	P
YOUNG 1-29B4	29	020S	040W	4301330246	1791	FEE	OW	P
GRIFFITHS 1-33B4	33	020S	040W	4301330288	4760	FEE	OW	P
POTTER 1-2B5	02	020S	050W	4301330293	1826	FEE	OW	P
BROTHERSON 1-26B4	26	020S	040W	4301330336	1856	FEE	OW	P
SADIE BLANK 1-33Z1	33	010N	010W	4301330355	765	FEE	OW	P
POTTER 1-24B5	24	020S	050W	4301330356	1730	FEE	OW	P
WHITEHEAD 1-22A3	22	010S	030W	4301330357	1885	FEE	OW	P
CHASEL MILLER 2-1A2	01	010S	020W	4301330360	5830	FEE	OW	P
ELDER 1-13B2	13	020S	020W	4301330366	1905	FEE	OW	P
BROTHERSON 2-10B4	10	020S	040W	4301330443	1615	FEE	OW	P
FARNSWORTH 2-7B4	07	020S	040W	4301330470	1935	FEE	OW	P
TEW 1-15A3	15	010S	030W	4301330529	1945	FEE	OW	P
UTE FEE 2-20C5	20	030S	050W	4301330550	4527	FEE	OW	P
HOUSTON 1-34Z1	34	010N	010W	4301330566	885	FEE	OW	P
GALLOWAY 1-18B1	18	020S	010W	4301330575	2365	FEE	OW	P
SMITH 1-31B5	31	020S	050W	4301330577	1955	FEE	OW	P
LEBEAU 1-34A1	34	010S	010W	4301330590	1440	FEE	OW	P
LINMAR 1-19B2	19	020S	020W	4301330600	9350	FEE	OW	P
WISSE 1-28Z1	28	010N	010W	4301330609	905	FEE	OW	P
POWELL 1-21B1	21	020S	010W	4301330621	910	FEE	OW	P
HANSEN 1-24B3	24	020S	030W	4301330629	2390	FEE	OW	P
OMAN 2-4B4	04	020S	040W	4301330645	9125	FEE	OW	P
DYE 1-25Z2	25	010N	020W	4301330659	9111	FEE	OW	P
H MARTIN 1-21Z1	21	010N	010W	4301330707	925	FEE	OW	P
JENSEN 1-29Z1	29	010N	010W	4301330725	9110	FEE	OW	P
CHASEL 2-17A1 V	17	010S	010W	4301330732	9112	FEE	OW	P
BIRCHELL 1-27A1	27	010S	010W	4301330758	940	FEE	OW	P
CHRISTENSEN 2-8B3	08	020S	030W	4301330780	9355	FEE	OW	P
LAMICQ 2-5B2	05	020S	020W	4301330784	2302	FEE	OW	P
BROTHERSON 2-14B4	14	020S	040W	4301330815	10450	FEE	OW	P
MURRAY 3-2A2	02	010S	020W	4301330816	9620	FEE	OW	P
HORROCKS 2-20A1 V	20	010S	010W	4301330833	8301	FEE	OW	P
BROTHERSON 2-2B4	02	020S	040W	4301330855	8420	FEE	OW	P
ELLSWORTH 2-8B4	08	020S	040W	4301330898	2418	FEE	OW	P
OMAN 2-32A4	32	010S	040W	4301330904	10045	FEE	OW	P
BELCHER 2-33B4	33	020S	040W	4301330907	9865	FEE	OW	P
BROTHERSON 2-35B5	35	020S	050W	4301330908	9404	FEE	OW	P
HORROCKS 2-4A1 T	04	010S	010W	4301330954	9855	FEE	OW	P
JENSEN 2-29A5	29	010S	050W	4301330974	10040	FEE	OW	P
UTE 2-34A4	34	010S	040W	4301330978	10070	FEE	OW	P
CHANDLER 2-5B4	05	020S	040W	4301331000	10075	FEE	OW	P
BABCOCK 2-12B4	12	020S	040W	4301331005	10215	FEE	OW	P
BADGER MR BOOM BOOM 2-29A1	29	010S	010W	4301331013	9463	FEE	OW	P
BLEAZARD 2-18B4	18	020S	040W	4301331025	1566	FEE	OW	P
BROADHEAD 2-32B5	32	020S	050W	4301331036	10216	FEE	OW	P
ELLSWORTH 2-16B4	16	020S	040W	4301331046	10217	FEE	OW	P
RUST 3-4B3	04	020S	030W	4301331070	1576	FEE	OW	P
HANSON TRUST 2-32A3	32	010S	030W	4301331072	1641	FEE	OW	P
BROTHERSON 2-11B4	11	020S	040W	4301331078	1541	FEE	OW	P

El Paso E4 Company, L.P. (N3065) to EP Energy E4 Company, L.P. (N3850) effective 6/1/2012

HANSON TRUST 2-5B3	05	020S	030W	4301331079	1636	FEE	OW	P
BROTHERSON 2-15B4	15	020S	040W	4301331103	1771	FEE	OW	P
MONSEN 2-27A3	27	010S	030W	4301331104	1746	FEE	OW	P
ELLSWORTH 2-19B4	19	020S	040W	4301331105	1761	FEE	OW	P
HUNT 2-21B4	21	020S	040W	4301331114	1839	FEE	OW	P
JENKINS 2-1B3	01	020S	030W	4301331117	1792	FEE	OW	P
POTTER 2-24B5	24	020S	050W	4301331118	1731	FEE	OW	P
POWELL 2-13A2 K	13	010S	020W	4301331120	8306	FEE	OW	P
JENKINS 2-12B3	12	020S	030W	4301331121	10459	FEE	OW	P
MURDOCK 2-26B5	26	020S	050W	4301331124	1531	FEE	OW	P
BIRCH 3-27B5	27	020S	050W	4301331126	1783	FEE	OW	P
ROBB 2-29B5	29	020S	050W	4301331130	10454	FEE	OW	P
LAKE FORK 2-13B4	13	020S	040W	4301331134	10452	FEE	OW	P
DUNCAN 3-1A2 K	01	010S	020W	4301331135	10484	FEE	OW	P
HANSON 2-9B3	09	020S	030W	4301331136	10455	FEE	OW	P
ELLSWORTH 2-9B4	09	020S	040W	4301331138	10460	FEE	OW	P
UTE 2-31A2	31	010S	020W	4301331139	10458	FEE	OW	P
POWELL 2-19A1 K	19	010S	010W	4301331149	8303	FEE	OW	P
CEDAR RIM 8-A	22	030S	060W	4301331171	10666	FEE	OW	P
POTTER 2-6B4	06	020S	040W	4301331249	11038	FEE	OW	P
MILES 2-1B5	01	020S	050W	4301331257	11062	FEE	OW	P
MILES 2-3B3	03	020S	030W	4301331261	11102	FEE	OW	P
MONSEN 2-22A3	22	010S	030W	4301331265	11098	FEE	OW	P
WRIGHT 2-13B5	13	020S	050W	4301331267	11115	FEE	OW	P
TODD 2-21A3	21	010S	030W	4301331296	11268	FEE	OW	P
WEIKART 2-29B4	29	020S	040W	4301331298	11332	FEE	OW	P
YOUNG 2-15A3	15	010S	030W	4301331301	11344	FEE	OW	P
CHRISTENSEN 2-29A4	29	010S	040W	4301331303	11235	FEE	OW	P
BLEAZARD 2-28B4	28	020S	040W	4301331304	11433	FEE	OW	P
REARY 2-17A3	17	010S	030W	4301331318	11251	FEE	OW	P
LAZY K 2-11B3	11	020S	030W	4301331352	11362	FEE	OW	P
LAZY K 2-14B3	14	020S	030W	4301331354	11452	FEE	OW	P
MATTHEWS 2-13B2	13	020S	020W	4301331357	11374	FEE	OW	P
LAKE FORK 3-15B4	15	020S	040W	4301331358	11378	FEE	OW	P
STEVENSON 3-29A3	29	010S	030W	4301331376	11442	FEE	OW	P
MEEKS 3-8B3	08	020S	030W	4301331377	11489	FEE	OW	P
ELLSWORTH 3-20B4	20	020S	040W	4301331389	11488	FEE	OW	P
DUNCAN 5-13A2	13	010S	020W	4301331516	11776	FEE	OW	P
OWL 3-17C5	17	030S	050W	4301332112	12476	FEE	OW	P
BROTHERSON 2-24 B4	24	020S	040W	4301332695	14652	FEE	OW	P
BODRERO 2-15B3	15	020S	030W	4301332755	14750	FEE	OW	P
BROTHERSON 2-25B4	25	020S	040W	4301332791	15044	FEE	OW	P
CABINLAND 2-16B3	16	020S	030W	4301332914	15236	FEE	OW	P
KATHERINE 3-29B4	29	020S	040W	4301332923	15331	FEE	OW	P
SHRINERS 2-10C5	10	030S	050W	4301333008	15908	FEE	OW	P
BROTHERSON 2-26B4	26	020S	040W	4301333139	17047	FEE	OW	P
MORTENSEN 4-32A2	32	010S	020W	4301333211	15720	FEE	OW	P
FERRARINI 3-27B4	27	020S	040W	4301333265	15883	FEE	OW	P
RHOADES 2-25B5	25	020S	050W	4301333467	16046	FEE	OW	P
CASE 2-31B4	31	020S	040W	4301333548	16225	FEE	OW	P
ANDERSON-ROWLEY 2-24B3	24	020S	030W	4301333616	16284	FEE	OW	P
SPROUSE BOWDEN 2-18B1	18	020S	010W	4301333808	16677	FEE	OW	P
BROTHERSON 3-11B4	11	020S	040W	4301333904	16891	FEE	OW	P
KOFFORD 2-36B5	36	020S	050W	4301333988	17048	FEE	OW	P
ALLEN 3-7B4	07	020S	040W	4301334027	17166	FEE	OW	P
BOURNAKIS 3-18B4	18	020S	040W	4301334091	17264	FEE	OW	P
MILES 3-12B5	12	020S	050W	4301334110	17316	FEE	OW	P
OWL and HAWK 2-31B5	31	020S	050W	4301334123	17388	FEE	OW	P

El Paso E5 Company, L.P. (N3065) to EP Energy E5 Company, L.P. (N3850) effective 6/1/2012

OWL and HAWK 4-17C5	17	030S	050W	4301334193	17387	FEE	OW	P	
DWR 3-32B5	32	020S	050W	4301334207	17371	FEE	OW	P	
LAKE FORK RANCH 3-22B4	22	020S	040W	4301334261	17409	FEE	OW	P	
HANSON 3-9B3	09	020S	030W	4301350065	17570	FEE	OW	P	
DYE 2-28A1	28	010S	010W	4301350066	17531	FEE	OW	P	
MEEKS 3-32A4	32	010S	040W	4301350069	17605	FEE	OW	P	
HANSON 4-8B3	08	020S	030W	4301350088	17571	FEE	OW	P	C
LAKE FORK RANCH 3-14B4	14	020S	040W	4301350097	17484	FEE	OW	P	
ALLEN 3-9B4	09	020S	040W	4301350123	17656	FEE	OW	P	
HORROCKS 4-20A1	20	010S	010W	4301350155	17916	FEE	OW	P	
HURLEY 2-33A1	33	010S	010W	4301350166	17573	FEE	OW	P	
HUTCHINS/CHIODO 3-20C5	20	030S	050W	4301350190	17541	FEE	OW	P	
ALLEN 3-8B4	08	020S	040W	4301350192	17622	FEE	OW	P	
OWL and HAWK 3-10C5	10	030S	050W	4301350193	17532	FEE	OW	P	
OWL and HAWK 3-19C5	19	030S	050W	4301350201	17508	FEE	OW	P	
EL PASO 4-29B5	29	020S	050W	4301350208	17934	FEE	OW	P	C
DONIHUE 3-20C6	20	030S	060W	4301350270	17762	FEE	OW	P	
HANSON 3-5B3	05	020S	030W	4301350275	17725	FEE	OW	P	C
SPRATT 3-26B5	26	020S	050W	4301350302	17668	FEE	OW	P	
REBEL 3-35B5	35	020S	050W	4301350388	17911	FEE	OW	P	C
FREEMAN 4-16B4	16	020S	040W	4301350438	17935	Fee	OW	P	C
WILSON 3-36B5	36	020S	050W	4301350439	17936	Fee	OW	P	C
EL PASO 3-21B4	21	020S	040W	4301350474	18123	Fee	OW	P	C
IORG 4-12B3	12	020S	030W	4301350487	17981	Fee	OW	P	C
CONOVER 3-3B3	03	020S	030W	4301350526	18122	Fee	OW	P	C
ROWLEY 3-16B4	16	020S	040W	4301350569	18151	Fee	OW	P	C
POTTS 3-14B3	14	020S	030W	4301350570	18366	Fee	OW	P	C
POTTER 4-27B5	27	020S	050W	4301350571	99999	Fee	OW	P	C
EL PASO 4-21B4	21	020S	040W	4301350572	18152	Fee	OW	P	C
LAKE FORK RANCH 3-26B4	26	020S	040W	4301350707	18270	Fee	OW	P	C
LAKE FORK RANCH 3-25B4	25	020S	040W	4301350711	18220	Fee	OW	P	C
LAKE FORK RANCH 4-23B4	23	020S	040W	4301350713	18271	Fee	OW	P	C
LAKE FORK RANCH 4-15B4	15	020S	040W	4301350715	18314	Fee	OW	P	C
LAKE FORK RANCH 3-24B4	24	020S	040W	4301350716	18269	Fee	OW	P	C
GOLINSKI 1-8C4	08	030S	040W	4301350986	18301	Fee	OW	P	C
J ROBERTSON 1-1B1	01	020S	010W	4304730174	5370	FEE	OW	P	
TIMOTHY 1-8B1E	08	020S	010E	4304730215	1910	FEE	OW	P	
MAGDALENE PAPADOPULOS 1-34A1E	34	010S	010E	4304730241	785	FEE	OW	P	
NELSON 1-31A1E	31	010S	010E	4304730671	830	FEE	OW	P	
ROSEMARY LLOYD 1-24A1E	24	010S	010E	4304730707	840	FEE	OW	P	
H D LANDY 1-30A1E	30	010S	010E	4304730790	845	FEE	OW	P	
WALKER 1-14A1E	14	010S	010E	4304730805	855	FEE	OW	P	
BOLTON 2-29A1E	29	010S	010E	4304731112	900	FEE	OW	P	
PRESCOTT 1-35Z1	35	010N	010W	4304731173	1425	FEE	OW	P	
BISEL GURR 11-1	11	010S	010W	4304731213	8438	FEE	OW	P	
UTE TRIBAL 2-22A1E	22	010S	010E	4304731265	915	FEE	OW	P	
L. BOLTON 1-12A1	12	010S	010W	4304731295	920	FEE	OW	P	
FOWLES 1-26A1	26	010S	010W	4304731296	930	FEE	OW	P	
BRADLEY 23-1	23	010S	010W	4304731297	8435	FEE	OW	P	
BASTIAN 1-2A1	02	010S	010W	4304731373	736	FEE	OW	P	
D R LONG 2-19A1E	19	010S	010E	4304731470	9505	FEE	OW	P	
D MOON 1-23Z1	23	010N	010W	4304731479	10310	FEE	OW	P	
O MOON 2-26Z1	26	010N	010W	4304731480	10135	FEE	OW	P	
LILA D 2-25A1	25	010S	010W	4304731797	10790	FEE	OW	P	
LANDY 2-30A1E	30	010S	010E	4304731895	11127	FEE	OW	P	
WINN P2-3B1E	03	020S	010E	4304732321	11428	FEE	OW	P	
BISEL-GURR 2-11A1	11	010S	010W	4304735410	14428	FEE	OW	P	
FLYING J FEE 2-12A1	12	010S	010W	4304739467	16686	FEE	OW	P	

El Paso E6 Company, L.P. (N3065) to EP Energy E6 Company, L.P. (N3850) effective 6/1/2012

HARVEST FELLOWSHIP CHURCH 2-14B1	14	020S	010W	4304739591	16546	FEE	OW	P
OBERHANSLY 3-11A1	11	010S	010W	4304739679	17937	FEE	OW	P
DUNCAN 2-34A1	34	010S	010W	4304739944	17043	FEE	OW	P
BISEL GURR 4-11A1	11	010S	010W	4304739961	16791	FEE	OW	P
KILLIAN 3-12A1	12	010S	010W	4304740226	17761	ML 39760	OW	P
WAINOCO ST 1-14B1	14	020S	010W	4304730818	1420	ML-24306-A	OW	P
UTAH ST UTE 1-35A1	35	010S	010W	4304730182	5520	ML-25432	OW	P
STATE 1-19A4	19	010S	040W	4301330322	9118	ML-27912	OW	P
FEDERAL 2-28E19E	28	050S	190E	4304732849	12117	UTU-0143512	OW	P
FEDERAL 1-28E19E	28	050S	190E	4304730175	5680	UTU143512	OW	P
BLANCHARD 1-3A2	03	010S	020W	4301320316	5877	FEE	OW	PA
W H BLANCHARD 2-3A2	03	010S	020W	4301330008	5775	FEE	OW	PA
YACK U 1-7A1	07	010S	010W	4301330018	5795	FEE	OW	PA
JAMES POWELL 3	13	010S	020W	4301330024	8305	FEE	WD	PA
BASTIAN 1 (3-7D)	07	010S	010W	4301330026	5800	FEE	OW	PA
LAMICQ-URRUTY 1-8A2	08	010S	020W	4301330036	5975	FEE	OW	PA
BLEAZARD 1-18B4	18	020S	040W	4301330059	11262	FEE	OW	PA
OLSEN 1-27A4	27	010S	040W	4301330064	1565	FEE	OW	PA
EVANS 1-31A4	31	010S	040W	4301330067	5330	FEE	OW	PA
HAMBLIN 1-26A2	26	010S	020W	4301330083	2305	FEE	OW	PA
HARTMAN 1-31A3	31	010S	030W	4301330093	10700	FEE	OW	PA
FARNSWORTH 1-7B4	07	020S	040W	4301330097	5725	FEE	OW	PA
POWELL 1-33A3	33	010S	030W	4301330105	4526	FEE	OW	PA
LOTRIDGE GATES 1-3B3	03	020S	030W	4301330117	1625	FEE	OW	PA
REMINGTON 1-34A3	34	010S	030W	4301330139	1670	FEE	OW	PA
ANDERSON 1-28A2	28	010S	020W	4301330150	5895	FEE	OW	PA
RHOADES MOON 1-35B5	35	020S	050W	4301330155	5270	FEE	OW	PA
JOHN 1-3B2	03	020S	020W	4301330160	5765	FEE	OW	PA
SMITH 1-6C5	06	030S	050W	4301330163	5385	FEE	OW	PA
HORROCKS FEE 1-3A1	03	010S	010W	4301330171	5505	FEE	OW	PA
WARREN 1-32A4	32	010S	040W	4301330174	9139	FEE	OW	PA
JENSEN FENZEL 1-20C5	20	030S	050W	4301330177	4730	FEE	OW	PA
MYRIN RANCH 1-13B4	13	020S	040W	4301330180	4524	FEE	OW	PA
BROTHERSON 1-27B4	27	020S	040W	4301330185	1775	FEE	OW	PA
JENSEN 1-31A5	31	010S	050W	4301330186	4735	FEE	OW	PA
ROBERTSON 1-29A2	29	010S	020W	4301330189	4740	FEE	OW	PA
WINKLER 1-28A3	28	010S	030W	4301330191	5465	FEE	OW	PA
CHENEY 1-33A2	33	010S	020W	4301330202	1750	FEE	OW	PA
J LAMICQ STATE 1-6B1	06	020S	010W	4301330210	5730	FEE	OW	PA
REESE ESTATE 1-10B2	10	020S	020W	4301330215	5700	FEE	OW	PA
REEDER 1-17B5	17	020S	050W	4301330218	5460	FEE	OW	PA
ROBERTSON UTE 1-2B2	02	020S	020W	4301330225	1710	FEE	OW	PA
HATCH 1-5B1	05	020S	010W	4301330226	5470	FEE	OW	PA
BROTHERSON 1-22B4	22	020S	040W	4301330227	5935	FEE	OW	PA
ALLRED 1-16A3	16	010S	030W	4301330232	1780	FEE	OW	PA
BIRCH 1-35A5	35	010S	050W	4301330233	9116	FEE	OW	PA
MARQUERITE UTE 1-8B2	08	020S	020W	4301330235	9122	FEE	OW	PA
BUZZI 1-11B2	11	020S	020W	4301330248	6335	FEE	OW	PA
SHISLER 1-3B1	03	020S	010W	4301330249	5960	FEE	OW	PA
TEW 1-1B5	01	020S	050W	4301330264	5580	FEE	OW	PA
EVANS UTE 1-19B3	19	020S	030W	4301330265	1870	FEE	OW	PA
SHELL 2-27A4	27	010S	040W	4301330266	1776	FEE	WD	PA
DYE 1-29A1	29	010S	010W	4301330271	99990	FEE	OW	PA
VODA UTE 1-4C5	04	030S	050W	4301330283	4530	FEE	OW	PA
BROTHERSON 1-28A4	28	010S	040W	4301330292	9114	FEE	OW	PA
MEAGHER 1-4B2	04	020S	020W	4301330313	8402	FEE	OW	PA
NORLING 1-9B1	09	020S	010W	4301330315	1811	FEE	OW	PA
S. BROADHEAD 1-9C5	09	030S	050W	4301330316	5940	FEE	OW	PA

El Paso E7 Company, L.P. (N3065) to EP Energy E7 Company, L.P. (N3850) effective 6/1/2012

TIMOTHY 1-09A3	09	010S	030W	4301330321	10883	FEE	OW	PA
BARRETT 1-34A5	34	010S	050W	4301330323	9115	FEE	OW	PA
MEAGHER TRIBAL 1-9B2	09	020S	020W	4301330325	9121	FEE	OW	PA
PHILLIPS UTE 1-3C5	03	030S	050W	4301330333	1816	FEE	OW	PA
ELLSWORTH 1-20B4	20	020S	040W	4301330351	6375	FEE	OW	PA
LAWSON 1-28A1	28	010S	010W	4301330358	5915	FEE	OW	PA
AMES 1-23A4	23	010S	040W	4301330375	1901	FEE	OW	PA
HORROCKS 1-6A1	06	010S	010W	4301330390	5675	FEE	OW	PA
SHRINE HOSPITAL 1-10C5	10	030S	050W	4301330393	5565	FEE	OW	PA
GOODRICH 1-18B2	18	020S	020W	4301330397	5485	FEE	OW	PA
SWD POWELL 3	13	010S	020W	4301330478	10708	FEE	WD	PA
BODRERO 1-15B3	15	020S	030W	4301330565	4534	FEE	OW	PA
MOON TRIBAL 1-30C4	30	030S	040W	4301330576	2360	FEE	OW	PA
DUNCAN 2-9B5	09	020S	050W	4301330719	5440	FEE	OW	PA
FISHER 1-16A4	16	010S	040W	4301330737	2410	FEE	OW	PA
URRUTY 2-34A2	34	010S	020W	4301330753	9117	FEE	OW	PA
GOODRICH 1-24A4	24	010S	040W	4301330760	2415	FEE	OW	PA
CARL SMITH 2-25A4	25	010S	040W	4301330776	9136	FEE	OW	PA
ANDERSON 1-A30B1	30	020S	010W	4301330783	9137	FEE	OW	PA
CADILLAC 3-6A1	06	010S	010W	4301330834	6316	FEE	OW	PA
MCELPRANG 2-31A1	31	010S	010W	4301330836	8439	FEE	OW	PA
REESE ESTATE 2-10B2	10	020S	020W	4301330837	2417	FEE	OW	PA
CLARK 2-9A3	09	010S	030W	4301330876	2416	FEE	OW	PA
JENKINS 3-16A3	16	010S	030W	4301330877	9790	FEE	OW	PA
CHRISTENSEN 2-26A5	26	010S	050W	4301330905	10710	FEE	OW	PA
FORD 2-36A5	36	010S	050W	4301330911	9630	FEE	OW	PA
MORTENSEN 2-32A2	32	010S	020W	4301330929	9486	FEE	OW	PA
WILKERSON 1-20Z1	20	010N	010W	4301330942	5452	FEE	OW	PA
UTE TRIBAL 2-4A3 S	04	010S	030W	4301330950	10230	FEE	OW	PA
OBERHANSLY 2-31Z1	31	010N	010W	4301330970	9262	FEE	OW	PA
MORRIS 2-7A3	07	010S	030W	4301330977	9725	FEE	OW	PA
POWELL 2-08A3	08	010S	030W	4301330979	10175	FEE	OW	PA
FISHER 2-6A3	06	010S	030W	4301330984	10110	FEE	OW	PA
JACOBSEN 2-12A4	12	010S	040W	4301330985	10480	FEE	OW	PA
CHENEY 2-33A2	33	010S	020W	4301331042	10313	FEE	OW	PA
HANSON TRUST 2-29A3	29	010S	030W	4301331043	5306	FEE	OW	PA
BURTON 2-15B5	15	020S	050W	4301331044	10205	FEE	OW	PA
EVANS-UTE 2-17B3	17	020S	030W	4301331056	10210	FEE	OW	PA
ELLSWORTH 2-20B4	20	020S	040W	4301331090	5336	FEE	OW	PA
REMINGTON 2-34A3	34	010S	030W	4301331091	1902	FEE	OW	PA
WINKLER 2-28A3	28	010S	030W	4301331109	4519	FEE	OW	PA
TEW 2-10B5	10	020S	050W	4301331125	1751	FEE	OW	PA
LINDSAY 2-33A4	33	010S	040W	4301331141	1756	FEE	OW	PA
FIELDSTED 2-28A4	28	010S	040W	4301331293	10665	FEE	OW	PA
POWELL 4-13A2	13	010S	020W	4301331336	11177	FEE	GW	PA
DUMP 2-20A3	20	010S	030W	4301331505	11691	FEE	OW	PA
SMITH 2X-23C7	23	030S	070W	4301331634	12382	FEE	D	PA
MORTENSEN 3-32A2	32	010S	020W	4301331872	11928	FEE	OW	PA
TODD USA ST 1-2B1	02	020S	010W	4304730167	99998	FEE	OW	PA
STATE 1-7B1E	07	020S	010E	4304730180	5555	FEE	OW	PA
BACON 1-10B1E	10	020S	010E	4304730881	5550	FEE	OW	PA
PARIETTE DRAW 28-44	28	040S	010E	4304731408	4537	FEE	OW	PA
REYNOLDS 2-7B1E	07	020S	010E	4304731840	4960	FEE	OW	PA
STATE 2-35A2	35	010S	020W	4301330156	4715	ML-22874	OW	PA
UTAH STATE L B 1-11B1	11	020S	010W	4304730171	5530	ML-23655	OW	PA
STATE 1-8A3	08	010S	030W	4301330286	5655	ML-24316	OW	PA
UTAH FEDERAL 1-24B1	24	020S	010W	4304730220	590	ML-26079	OW	PA
CEDAR RIM 15	34	030S	060W	4301330383	6395	14-20-462-1329	OW	S

El Paso E8 Company, L.P. (N3065) to EP Energy E8 Company, L.P. (N3850) effective 6/1/2012

UTE TRIBAL 2-24C7	24	030S	070W	4301331028	10240	14-20-H62-1135	OW	S	
CEDAR RIM 12	28	030S	060W	4301330344	6370	14-20-H62-1323	OW	S	
CEDAR RIM 16	33	030S	060W	4301330363	6390	14-20-H62-1328	OW	S	
SPRING HOLLOW 2-34Z3	34	010N	030W	4301330234	5255	14-20-H62-1480	OW	S	
EVANS UTE 1-17B3	17	020S	030W	4301330274	5335	14-20-H62-1733	OW	S	
UTE JENKS 2-1-B4 G	01	020S	040W	4301331197	10844	14-20-H62-1782	OW	S	
UTE 3-12B3	12	020S	030W	4301331379	11490	14-20-H62-1810	OW	S	
UTE TRIBAL 9-4B1	04	020S	010W	4301330194	5715	14-20-H62-1969	OW	S	
UTE TRIBAL 2-21B6	21	020S	060W	4301331424	11615	14-20-H62-2489	OW	S	
UTE 1-33B6	33	020S	060W	4301330441	1230	14-20-H62-2493	OW	S	
UTE 2-22B5	22	020S	050W	4301331122	10453	14-20-H62-2509	OW	S	
UTE 1-18B1E	18	020S	010E	4304730969	9135	14-20-H62-2864	OW	S	
LAUREN UTE 1-23A3	23	010S	030W	4301330895	9403	14-20-H62-3981	OW	S	
UTE 2-28B6	28	020S	060W	4301331434	11624	14-20-H62-4622	OW	S	
UTE 1-27B6X	27	020S	060W	4301330517	11166	14-20-H62-4631	OW	S	
UTE 2-27B6	27	020S	060W	4301331449	11660	14-20-H62-4631	OW	S	
CEDAR RIM 10-15C6	15	030S	060W	4301330328	6365	14-20-H62-4724	OW	S	
UTE 5-30A2	30	010S	020W	4301330169	5910	14-20-H62-4863	OW	S	
UTE TRIBAL G-1 (1-24C6)	24	030S	060W	4301330298	4533	14-20-H62-4866	OW	S	
UTE TRIBAL FEDERAL 1-30C5	30	030S	050W	4301330475	665	14-20-H62-4876	OW	S	
SMB 1-10A2	10	010S	020W	4301330012	5865	FEE	OW	S	
KENDALL 1-12A2	12	010S	020W	4301330013	5875	FEE	OW	S	
CEDAR RIM 2	20	030S	060W	4301330019	6315	FEE	OW	S	
URRUTY 2-9A2	09	010S	020W	4301330046	5855	FEE	OW	S	
BROTHERSON 1-14B4	14	020S	040W	4301330051	1535	FEE	OW	S	
RUST 1-4B3	04	020S	030W	4301330063	1575	FEE	OW	S	
MONSEN 1-21A3	21	010S	030W	4301330082	1590	FEE	OW	S	
BROTHERSON 1-10B4	10	020S	040W	4301330110	1614	FEE	OW	S	
FARNSWORTH 1-12B5	12	020S	050W	4301330124	1645	FEE	OW	S	
ELLSWORTH 1-16B4	16	020S	040W	4301330192	1735	FEE	OW	S	
MARSHALL 1-20A3	20	010S	030W	4301330193	9340	FEE	OW	S	
CHRISTMAN BLAND 1-31B4	31	020S	040W	4301330198	4745	FEE	OW	S	
ROPER 1-14B3	14	020S	030W	4301330217	1850	FEE	OW	S	
BROTHERSON 1-24B4	24	020S	040W	4301330229	1865	FEE	OW	S	
BROTHERSON 1-33A4	33	010S	040W	4301330272	1680	FEE	OW	S	
BROTHERSON 1-23B4	23	020S	040W	4301330483	8423	FEE	OW	S	
SMITH ALBERT 2-8C5	08	030S	050W	4301330543	5495	FEE	OW	S	
VODA JOSEPHINE 2-19C5	19	030S	050W	4301330553	5650	FEE	OW	S	
HANSEN 1-16B3	16	020S	030W	4301330617	9124	FEE	OW	S	
BROTHERSON 1-25B4	25	020S	040W	4301330668	9126	FEE	OW	S	
POWELL 2-33A3	33	010S	030W	4301330704	2400	FEE	OW	S	
BROWN 2-28B5	28	020S	050W	4301330718	9131	FEE	OW	S	
EULA-UTE 1-16A1	16	010S	010W	4301330782	8443	FEE	OW	S	
JESSEN 1-15A4	15	010S	040W	4301330817	9345	FEE	OW	S	
R HOUSTON 1-22Z1	22	010N	010W	4301330884	936	FEE	OW	S	
FIELDSTED 2-27A4	27	010S	040W	4301330915	9632	FEE	OW	S	
HANSKUTT 2-23B5	23	020S	050W	4301330917	9600	FEE	OW	S	
TIMOTHY 3-18A3	18	010S	030W	4301330940	9633	FEE	OW	S	
BROTHERSON 2-3B4	03	020S	040W	4301331008	10165	FEE	OW	S	
BROTHERSON 2-22B4	22	020S	040W	4301331086	1782	FEE	OW	S	
MILES 2-35A4	35	010S	040W	4301331087	1966	FEE	OW	S	
ELLSWORTH 2-17B4	17	020S	040W	4301331089	1696	FEE	OW	S	
RUST 2-36A4	36	010S	040W	4301331092	1577	FEE	OW	S	
EVANS 2-19B3	19	020S	030W	4301331113	1777	FEE	OW	S	
FARNSWORTH 2-12B5	12	020S	050W	4301331115	1646	FEE	OW	S	
CHRISTENSEN 3-4B4	04	020S	040W	4301331142	10481	FEE	OW	S	
ROBERTSON 2-29A2	29	010S	020W	4301331150	10679	FEE	OW	S	
CEDAR RIM 2A	20	030S	060W	4301331172	10671	FEE	OW	S	

El Paso E9 Company, L.P. (N3065) to EP Energy E9 Company, L.P. (N3850) effective 6/1/2012

HARTMAN 2-31A3	31	010S	030W	4301331243	11026	FEE	OW	S	
GOODRICH 2-2B3	02	020S	030W	4301331246	11037	FEE	OW	S	
JESSEN 2-21A4	21	010S	040W	4301331256	11061	FEE	OW	S	
BROTHERSON 3-23B4	23	020S	040W	4301331289	11141	FEE	OW	S	
MYRIN RANCH 2-18B3	18	020S	030W	4301331297	11475	FEE	OW	S	
BROTHERSON 2-2B5	02	020S	050W	4301331302	11342	FEE	OW	S	
DASTRUP 2-30A3	30	010S	030W	4301331320	11253	FEE	OW	S	
YOUNG 2-30B4	30	020S	040W	4301331366	11453	FEE	OW	S	
IORG 2-10B3	10	020S	030W	4301331388	11482	FEE	OW	S	
MONSEN 3-27A3	27	010S	030W	4301331401	11686	FEE	OW	S	
HORROCKS 2-5B1E	05	020S	010E	4304732409	11481	FEE	OW	S	
LARSEN 1-25A1	25	010S	010W	4304730552	815	FEE	OW	TA	
DRY GULCH 1-36A1	36	010S	010W	4304730569	820	FEE	OW	TA	

<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.	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: SPROUSE BOWDEN 2-18B1
2. NAME OF OPERATOR: EL PASO E&P COMPANY, LP	9. API NUMBER: 43013338080000
3. ADDRESS OF OPERATOR: 1001 Louisiana St. , Houston, TX, 77002	PHONE NUMBER: 713 420-5038 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2427 FSL 1525 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 18 Township: 02.0S Range: 01.0W Meridian: U	9. FIELD and POOL or WILDCAT: BLUEBELL
	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 6/19/2012	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input checked="" type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Remove plug"/>

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

Please see attached procedure for details.

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

**Date:** July 12, 2012

**By:** 

<b>NAME (PLEASE PRINT)</b> Maria S. Gomez	<b>PHONE NUMBER</b> 713 997-5038	<b>TITLE</b> Principle Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/18/2012	

## Sprouse Bowden 2-18B1 Procedure Summary

- POOH w/rods, pump, and tubing
- Circulate & Clean wellbore
- RIH with bit & drill out CIBP at ~9,910' to commingle UW & LGR production
- RIH w/BHA, tubing, pump, and rods, set pump @ ~10,000
- Clean location and resume production

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> FEE
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
		<b>7. UNIT or CA AGREEMENT NAME:</b>
<b>1. TYPE OF WELL</b> Oil Well	<b>8. WELL NAME and NUMBER:</b> SPOUSE BOWDEN 2-18B1	
<b>2. NAME OF OPERATOR:</b> EL PASO E&P COMPANY, LP	<b>9. API NUMBER:</b> 43013338080000	
<b>3. ADDRESS OF OPERATOR:</b> 1001 Louisiana St. , Houston, TX, 77002	<b>PHONE NUMBER:</b> 713 420-5038 Ext	<b>9. FIELD and POOL or WILDCAT:</b> BLUEBELL
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 2427 FSL 1525 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: NESW Section: 18 Township: 02.0S Range: 01.0W Meridian: U	<b>COUNTY:</b> DUCHESNE	
	<b>STATE:</b> UTAH	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:  <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 6/22/2012  <input type="checkbox"/> SPUD REPORT Date of Spud:  <input type="checkbox"/> DRILLING REPORT Report Date:	<input checked="" type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	
	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
Please see attached. The plug was removed in June.		
<b>Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY July 31, 2012</b>		
<b>NAME (PLEASE PRINT)</b> Maria S. Gomez	<b>PHONE NUMBER</b> 713 997-5038	<b>TITLE</b> Principle Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 6/26/2012	

**1 General****1.1 Customer Information**

Company	CENTRAL DIVISION
Representative	
Address	

**1.2 Well Information**

Well	SPROUSE BOWDEN 2-18B1		
Project	ALTAMONT FIELD	Site	SPROUSE BOWDEN 2-18B1
Rig Name/No.	BASIC/1480, MAGNA/026	Event	RECOMPLETE LAND
Start Date	5/15/2012	End Date	
Spud Date	2/4/2008	UWI	018-002-S 001-W 30
Active Datum	GROUND LEVEL @5,138.0ft (above Mean Sea Level)		
Afe No./Description	AFE#/45603 /		

**2 Summary****2.1 Operation Summary**

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
5/16/2012	6:00 7:30	1.50	MIRU	28		P		CREW TRAVEL HELD SAFETY MEETING ON RIGGING UP RIG. FILLED OUT JSA
	7:30 9:30	2.00	MIRU	01		P		ROAD RI FROM BASIC'S YARD TO THE 2-18B1 MIRU WHILE PUMPING 60 BBLS DOWN CSG.
	9:30 13:30	4.00	PRDHEQ	39		P		WORKED PUMP OFF SEAT FLUSHED TBG W/ 50 BBLS. TOO H W/ RODS AND PUMP FLUSHING TBG AS NEEDED 45 BBLS.
	13:30 17:00	3.50	PRDHEQ	16		P		ND WELLHEAD NU BOPS, RU RIG FLOOR RELEASED TAC, RU SCANNERS.
	17:00 18:30	1.50	PRDHEQ	39		P		TOOH W/ 60-JTS 2 7/8 N-80 EUE TBG EOT @ 8000'. SECURED WELL SDFN.
5/17/2012	6:00 7:30	1.50	PRDHEQ	28		P		CREW TRAVEL HELD SAFETY MEETING ON TRIPPING AND SCANNING TBG, FILLED OUT JSA.
	7:30 13:30	6.00	PRDHEQ	39		P		CONTINUED SCANNING TBG. TOO H W/ 238-JTS 2 7/8 N-80 EUE TBG, TAC, 7-JTS 2 7/8 N-80 AND BHA. FOUND TTL OF 13- RED JTS RD PRS.
	13:30 18:00	4.50	WLWORK	27		P		RIH W/ 3.375 GR/JB TO 10011'. RIH W/ CIBP SET @ 9900' FILLED CSG W/ 85 BBLS FLUID LEVEL @ 4103'. PRESSURE TEST CIBP @ 2500 PSI HELD. RIH DUMPED BAILED 10' CEM ON CIBP.
	18:00 22:00	4.00	WLWORK	21		P		MADE 2 PERFORAITNG RUNS PERFORATED FROM 9817' TO 9658' 84 SHOTS. USING 3 1/8 GUN 3 SPF 120 DEGREE PHASING W/ 22.7 GM. STARTING PRESSURE 1000 PSI AFTER RUN 1 PRESSURE FELL TO 0 PSI. RUN 2 PRESSURE INCREASED 950 PSI. ALL PERFS CORRELATED TO PERFOLOG SECTOR CEMENT BOND/GR/CCL RUN #1 MAY-12-2008. RD WIRELINE SECURED WELL. SDFN.
5/18/2012	6:00 7:30	1.50	STG01	28		P		CREW TRAVEL HELD SAFETY MEETING ON RU WELHEAD ISOLATION TOOL FILLED OUT JSA
	7:30 17:00	9.50	MIRU	01				MIRU STINGERS ISOLATION TOOL, SPOT IN AND RU PLATINUM PUMP TRUCKS. HEAT FRAC FLUID.
5/19/2012	6:00 7:30	1.50	STG01	28		P		CREW TRAVEL HELD SAFETY MEEETING ON RU PUMP TRUCK AND SPOTTERS. FILLED OUT JSA.
	7:30 9:30	2.00	STG01	16		P		FINISHED RU ACIDZERS,

## 2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	9:30 11:00	1.50	STG01	35		P		PRESSURE TEST LINES @9000 PSI, OPENED WELL 10:14 W/ 1400 PSI, ESTABLISHED BREAK DOWN @ 5000 PSI, 7 BPM, 7.8 BBLS, ISIP 4500. TREATED PERFS FROM 9817' TO 9658' 84 HOLE W/ 5000 GALS 15% HCL ACID DROPPED 126 BIO BALLS, PUMPED 5000 GALS 15% HCL ACID FLUSHED W/ 217 BBLS 2% KCL. AVG RATE 56 BPM, MAX RATE 59 BPM. AVG PRESS 6950 PSI, MAX PRESS 8500 PSI. ISIP 4560 PSI, 5 MIN 4300 PSI, 10 MIN 4280 PSI. 15 MIN 4261 PSI. 465 BBLS TO RECOVER
	11:00 12:00	1.00	RDMO	02		P		RD WELLHEAD ISOLATION TOOL.
	12:00 16:00	4.00	STG02	21		P		MADE 2 PERFORAITNG RUNS SET CBP @ 9610 W/ 4000 PSI. PERFORATED FROM 9562' TO 9331' 126 SHOTS. USING 3 1/8 GUN 3 SPF 120 DEGREE PHASING W/ 22.7 GM. STARTING PRESSURE 4000 PSI FINAL PRESSURE 3675 PSI. ALL PERFS CORRELATED TO PERFOLOG SECTOR CEMENT BOND/GR/CCL RUN #1 MAY-12-2008. RD WIRELINE TURNED WELL OVER TO STINGER
	16:00 17:00	1.00	MIRU	01		P		RU WELLHEAD ISOLATION TOOL
	17:00 18:00	1.00	STG02	35		P		PRESSURE TEST LINES @9600 PSI, OPENED WELL 17:14 W/ 3300 PSI, ESTABLISHED BREAK DOWN @ 4800 PSI, 8.2 BPM, 5.5 BBLS, ISIP 4580. TREATED PERFS FROM 9331' TO 9562' 126 HOLE W/ 7500 GALS 15% HCL ACID DROPPED 189 BIO BALLS, PUMPED 7500 GALS 15% HCL ACID FLUSHED W/ 245 BBLS 2% KCL. AVG RATE 52 BPM, MAX RATE 53 BPM. AVG PRESS 7750 PSI, MAX PRESS 8150 PSI. ISIP 4350 PSI, 5 MIN 4286 PSI, 10 MIN 4255 PSI. 15 MIN 4236 PSI. 601 BBLS TO RECOVER TURNED WEL OVER TO WIRELINE.
	18:00 18:30	0.50	RDMO	02		P		RD WELLHEAD ISOLATION TOOL
	18:30 20:30	2.00	STG03	21		P		MADE 1 PERFORAITNG RUNS SET CBP @ 9275 W/ 4000 PSI. PERFORATED FROM 9258' TO 9222' 126 . USING 3 1/8 GUN 3 SPF 120 DEGREE PHASING W/ 22.7 GM. STARTING PRESSURE 4000 PSI FINAL PRESSURE 3700 PSI. ALL PERFS CORRELATED TO PERFOLOG SECTOR CEMENT BOND/GR/CCL RUN #1 MAY-12-2008. SECURED WELL SDFN.
5/20/2012	6:00 7:30	1.50	STG03	28		P		CREW TRAVEL HELD SAFETY MEETING ON PERFORATING WELL FILLED OUT JSA
	7:30 9:30	2.00	STG03	21		P		CONTINUE TO PERF STAGE 3 MADE 2 PERFORAITNG RUNS PERFORATED FROM 9216' TO 8886' TTL 243 SHOTS. USING 3 1/8 GUN 3 SPF 120 DEGREE PHASING W/ 22.7 GM. STARTING PRESSURE 3400 PSI FINAL PRESSURE 3400 PSI. ALL PERFS CORRELATED TO PERFOLOG SECTOR CEMENT BOND/GR/CCL RUN #1 MAY-12-2008. RD WIRELINE TURNED WELL OVER TO STINGER
	9:30 10:30	1.00	MIRU	01		P		RU WELLHEAD ISOLATION TOOL
	10:30 12:00	1.50	STG03	35		P		PRESSURE TEST LINES @ 9150 PSI, OPENED WELL 11:05 W/ 1883 PSI, ESTABLISHED BREAK DOWN @ 3750 PSI, 10.6 BPM, 8.4 BBLS, ISIP 3350. TREATED PERFS FROM 9258' TO 8886' 187 HOLE W/ 10,000 GALS 15% HCL ACID DROPPED 243 BIO BALLS, PUMPED 10,000 GALS 15% HCL ACID FLUSHED W/ 260 BBLS 2% KCL BARREL COUNTER QUIT WORKING OVER FLUSHED 50 BBLS BEFROE LINE STARTED LEAKING., AVG RATE 56 BPM, MAX RATE 59 BPM. AVG PRESS 6950 PSI, MAX PRESS 8500 PSI. ISIP 3309 PSI, 15 MIN 2286 PSI. 731 BBLS TO RECOVER TURNED WEL OVER TO WIRELINE.
	12:00 15:00	3.00	RDMO	02		P		RD ACIDIZERS, RD WELLHEAD ISOLATION TOOL OPENED WELL @ 13:00 W/ 1800 PSI ON 14/64 CHOKE.
	15:00 6:00	15.00	FB	19		P		100 PSI, 28/64 CHOKE O GAS, 0 OIL, 336 BBLS WATER.
5/21/2012								100 PSI, 28/64 CHOKE O GAS, 0 OIL, 336 BBLS WATER.

## 2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
5/22/2012	6:00 7:30	1.50	FB	28		P		CREW TRAVEL HELD SAFETY MEETING ON WELL CONTROL. FILLED OUT JSA.
	7:30 10:00	2.50	FB	19		P		OPENED WELL ON FULL 2", RU PUMP LINES, RU WASHINGTON HEAD, WAIT ON BRINE WATER.FLOW BACK 22 BBLS TO FLOW BACK TANK.
	10:00 12:30	2.50	WBP	06		P		PUMPED 100 BBLS 10# BRINE DOWN CSG MAX PRESS 1500 PSI @ 2 BPM.SHUT WELL IN 20MIN PRESS FELL TO 1000 PSI. OPENED WELL ON 32/64 CHOKE FLOWED BACK 50 BBLS. CSG FLOWING A LITTLE.
	12:30 16:30	4.00	WBP	39		P		TALLIED AND RIH W/ 4 1/2 BIT, BIT SUB, 2-JTS 2 7/8 N-80 EUE TBG, SN AND 289-JTS 2 7/8 N-80 EUE TBG. TAGGED PLUG 10' OUT ON JT # 291. @ 9273'.
	16:30 20:00	3.50	WBP	10		P		RU POWER SWIVEL, REVERSED CIRC, W/ 3 BBLS GOT CIRCULATION. DRILLED ON CBP @ 9275 FOR 55 MINS, PUMPING 3 BPM AND RETURNING 3 BPM. POWER SWIVEL STARTED LEAKING BETWEEN SN AND KELLY COCK VALVE. TRIED TO TIGHTEN CONNECTION LEAK GOT WORSE. CIRCULATE TBG CLEAN RD POWER SWIVEL TOOH W/ 21-JTS 2 7/8 N-80 EUE TBG, EOT @ 8617 SECURED WELL SDFN.
5/23/2012	6:00 7:30	1.50	WBP	28		P		CREW TRAVEL HELD SAFETY MEETING ON DRILLING OUT CBP AND POWER SWIVEL. FILLED OUT JSA
	7:30 8:30	1.00	WBP	39		P		0 TSIP, 350 CSIP BLED DOWN CSG, RIH W/ 21- JTS 2 7/8 N-80 EUE TBG RU POWER SWIVEL.
	8:30 9:30	1.00	WBP	06		P		PUMPE 0 BBLS GOT REVERSE CIRC, PUMPING 3 BPM AND RETURNING 3 BPM. FINISHED DRILLING UP CBP @ 9275, CIRCULATE TBG CLEAN W/ 90 BBLS, RD POWER SWIVEL.
	9:30 10:30	1.00	WBP	54		N		RIG PUMP WOULDN'T START. WAIT ON AND CHANGEOUT STARTER,
	10:30 14:00	3.50	WBP	10		P		RIH W/ 11-JTS 2 7/8 N-80 EUE TBG (TTL OF 302 JTS)TAGGED PLUG @ 9610' RU POWER SWIVEL.PUMPED 0 BBLS GOT REVERSE CIRC DRILLED OUT CBP PUMPING 3 BPM AND RETURNING 3 BPM. CIRCULATE TBG CLEAN W/ 90 BBLS. CONTINUED RIH W/ 9-JTS 2 7/8 N-80 EUE TBG, PUSHED REMAINS OF CBP TO PBTD @ 9890'.
	14:00 15:00	1.00	INARTLT	39		P		TOOH W/155-JTS 2 7/8 N-80 EUE TBG. EOT @ 4985'
	15:00 16:00	1.00						CIRCULATE WELL W/ 110 BBLS 10# BRINE.
	16:00 17:00	1.00	INARTLT	39		P		CONTINUE TOOH W/ 156-JTS 2 7/8 N-80 EUE TBG.
	17:00 18:30	1.50	INARTLT	39		P		RIH W/SOLID PLUG, 2-JTS 2 7/8 N-80 EUE TBG, 3 1/2 PBGA SHELL, SN, 6' TBG SUB, 4-JTS 2 7/8 N-80 EUE TBG, 5/1/2 TAC AND 60-JTS 2 7/8 N-80 EUE TBG, EOT @ 2093'. SECURED WELL SDFN.
5/24/2012	6:00 7:30	1.50	PRDHEQ	28		P		CREW TRAVEL HELD SAFETY MEETING ON ND BOP AND PINCH POINTS. FILLED OUT JSA.
	7:30 10:30	3.00	PRDHEQ	39		P		CONTINUED RIH W/ 241 JTS 2 7/8 N-80 EUE TBG. SE T TAC 9611' W/ 25,000 TENSION, SN 9748' AND EOT @ 9845'.
	10:30 12:00	1.50	PRDHEQ	16		P		ND BOP. NU WELLHEAD.
	12:00 13:30	1.50	PRDHEQ	18		P		RACKED OUT PUMP LINES. CLEANED LOCATION, TOO WINDY TO RUN RODS SECURED WELL SDFN.
5/25/2012	6:00 7:30	1.50	INARTLT	28		P		TRAVEL TO LOCATION. HOLD SAFETY MEETING ON RUNNING RODS
	7:30 12:00	4.50	INARTLT	39		P		PU & PRIME 2-1/2" X 1-1/2" X 36' RHBC EAGLE OPTIMIZER PUMP & INSTALL 16' DIP TUBE. TIH W/ PUMP, 10 1-1/2" WEIGHT BARS, 167 3/4" RODS, 111 7/8" RODS, & 99 1" RODS. SPACE OUT W/ 8' & 2' X 1" PONY RODS & 1-1/2" X 40' POLISH ROD.
	12:00 13:00	1.00	INARTLT	18		P		FILL TBG W/ 2 BBLS 2% KCL WTR. STROKE TEST PUMP TO 1000 PSI. TESTED GOOD. SLIDE PUMPING UNIT. PWOP

## 2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
6/19/2012	6:00 12:00	6.00	WBREMD	54		P		CREW TRAVEL, SAFETY MEETING ( RIGGING UP SAFELY) WORK ON RIG
	12:00 13:00	1.00	MIRU	01		P		SPOT RIG IN, SLIDE ROTOFLEX, RIG UP RIG WHILE PUMPING 60 BBLS 2% KCL DOWN CASING
	13:00 14:30	1.50	WBREMD	18		P		UNSEAT PUMP AND FLUSH RODS WITH 70 BBLS 2% KCL
	14:30 18:30	4.00	WBREMD	39		P		PULL OUT OF WELL LAYING DOWN 1 1/2" X 36' POLISH ROD, 2 1" SUBS. 101-1" RODS, 105-7/8" RODS, 170-3/4" RODS, 10- 1 1/2" K-BARS AND 2 1/2" X 1 1/2" X 36' ROD PUMP
	18:30 19:00	0.50	WBREMD	18		P		CHANGE OVER TO PULL TUBING SECURE WELL
	19:00 19:00	0.00						SHUT DOWN FOR DAY
6/20/2012	6:00 7:30	1.50	WBREMD	28		P		CREW TRAVEL, SAFETY MEETING, (NIPPLEING UP BOP, RIGGING UP FLOOR) FILL OUT AND REVIEW JSA. HOT HAD CASING BLEED OFF AND FLUSHED TUBING WITH 70 BBLS 2% KCL
	7:30 9:00	1.50	WBREMD	16		P		NIPPLE DOWN WELLHEAD. NIPPLE UP BOP'S AND RIG UP FLOOR TO PULL TUBING
	9:00 9:00	0.00	WBREMD	18		P		MOVE RIG PUMP AND TANK TO LOCATION, MOVE IN 2ND FRAC TANK, FILL AND HEAT TANKS
	9:00 12:00	3.00	WBREMD	39		P		RELEASE 5 1/2" TUBING ANCHOR CATCHER WITH CARBIDE SLIPS @ 9,610' AND PULL OUT OF WELL WITH 301 JOINTS 2 7/8" EUE N-80 TUBING, 5 1/2" TAC, 4 JOINTS 2 7/8" EUE N-80 TUBING, 6' X 2 7/8" TUBING SUB, PLUS 45 SEAT NIPPLE, 3 1/2" PBGA SHELL, 2 JOINTS 2 7/8" TUBING AND A 2 7/8" SOLID PLUG
	12:00 18:00	6.00	WBREMD	39		P		PICK UP 4 1/2" ROCK BIT, BIT SUB AND 4- 3 1/8" COLLARS, CHANGE OVER SUB AND TALLEY INTO WELL WITH 273 JOINTS 2 7/8" TUBING. EOT @ 8834' ABOVE PERFS. SECURE WELL. HOT OILER HEATED 2 FRAC TANKS OF 2% TO 130 DEGREES
	18:00 18:00	0.00						SHUT DOWN FOR DAY
6/21/2012	6:00 7:30	1.50	WBREMD	28		P		CREW TRAVEL, SAFETY MEETING (RIGGING UP POWER SWIVEL AND PUMP) FILL OUT AND REVIEW JSA
	7:30 9:30	2.00	WBREMD	18		P		TRIP INTO WELL FROM 8,834' AND TAG CEMENT @ 9890, RIG UP POWEER SWIVEL AND PUMP
	9:30 10:45	1.25	WBREMD	06		P		PUMP 175 BBLS 2% KCL TO FILL AND BREAK CIRCULATION
	10:45 13:00	2.25	WBREMD	72		P		DRILL UP 10' OF CEMENT AND CBP AND CHASE DOWN 4 JOINTS TO 10,013'
	13:00 14:00	1.00	WBREMD	06		P		CIRCULATE TUBING CLEAN WITH 90 BBLS 2%
	14:00 17:00	3.00	WBREMD	24		P		CONTINUE PICKING UP 2 7/8" TUBING AND TAG @ 12,434 WITH 4 COLLARS AND 386 JOINTS 2 7/8" TUBING
	17:00 19:00	2.00	WBREMD	39		P		PULL OUT OF HOLE LAYING DOWN WORK STRING TO TOP OF PERFS. EOT @ 8,834'. SECURE WELL.
19:00 19:00	0.00						SHUT DOWN FOR DAY	
6/22/2012	6:00 7:30	1.50	WBREMD	28		P		CREW TRAVEL, SAFETY MEETING (LAYING DOWN WORKSTRING AND COLLARS FILL OUT AND REVIEW JSA CSIP @ 50 PSI. TSIP @ 50 PSI. BLEED PRESSURE DOWN
	7:30 11:00	3.50	WBREMD	39		P		PULL OUT OF HOLE WITH TUBING AND COLLARS FROM 8834'. LAYING DOWN WORK STRING AND 3 1/8" COLLARS
	11:00 16:30	5.50	INSTUB	24		P		PICK UP BOTTOM HOLE ASSEMBLY AS FOLLOWS. 2 7/8' SOLID PLUG, 2 JOINTS 2 7/8" TUBING, 3 1/2" POOR BOY GAS ANCHOR WITHOUT DIPTUBE, 2 7/8" PLUS 45 SEAT NIPPLE, 6' X 2 7/8" SUB, 4 JOINTS 2 7/8" TUBING, 5 1/2" TUBING ANCHOR CATCHER WITH CARBIDE SLIPS, AND TRIP INTO WELL WITH 310 JOINTS 2 7/8" TUBING.

## 2.1 Operation Summary (Continued)

Date	Time Start-End	Duration (hr)	Phase	Activity	Sub	OP Code	MD From (ft)	Operation
	16:30 18:30	2.00	INSTUB	18		P		SET TUBING ANCHOR CATCHER @ 9,897' IN 25,000 PSI, SEAT NIPPLE @ 10,033' AND END OF TUBING @10,130. RIG DOWN FLOOR. NIPPLE DOWN BOP'S, NIPPLE UP WELL HEAD. SECURE WELL. CHANGE OVER TO RUN IN HOLE WITH RODS
	18:30 18:30	0.00						SHUT DOWN FOR DAY
6/23/2012	6:00 7:30	1.50	INARTLT	28		P		CREW TRAVEL, SAFETY MEETING ( RUNNING RODS SAFELY0 FILL OUT AND REVIEW JSA. FLUSH TUBING WITH 65 BBLS 2% KCL
	7:30 12:00	4.50	INARTLT	39		P		PICK UP 2 1/2" X 1 1/2" X 36' RHBC JOHN CRANE OPTIMIZER PUMP WITH A 21' DIPTUBE. 10- 1 1/2" K BARS, RUN 167 3/4" RODS WITH GUIDES OUT OF DERRICK, PICK UP 52 NEW 3/4" RODS WITH GUIDES, RUN 111-7/8" RODS OUT OF DERRICK AND PICK UP 8-7/8" NEW RODS WITH GUIDES, TRIP INTO HOLE WITH 50 1" RODS LAYING DOWN A TOTAL OF 49 RODS OUT OF DERRICK. SPACE OUT PUMP WITH 1-8',2-2'X1" ROD SUBS .
	12:00 12:30	0.50	INARTLT	24		P		RIG DOWN RIG FLOOR AND PICK UP POLISH ROD. SEAT PUMP @ 10,033'
	12:30 13:00	0.50	INARTLT	08		P		FILL TUBING WITH 20 BBLS 2% KCL AND PRESSURE TEST TO 1000 PSI. TEST GOOD, GOOD PUMP ACTION
	13:00 14:00	1.00	RDMO	02		P		RIG DOWN RIG
	14:00 15:00	1.00	INARTLT	13		P		SLIDE ROTOFLEX, HANG OFF PUT WELL ON PRODUCTION

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

ENTITY ACTION FORM

Operator: EP Energy E&P Company, L.P.  
Address: 1001 Louisiana, Room 2730D  
city Houston  
state TX zip 77002

Operator Account Number: N 3850

Phone Number: (713) 997-5038

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
43016677	Sprouse Bowden 2-18B1		NESW	18	2S	1W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
E	16677	16677	2/4/2008			6/23/2008	
Comments: <u>Recomplete - DHC - GR-WS</u> 7/31/2012							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301350571	Potter 4-27B5		SWNW	27	2S	5W	Duchesne
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
E	18411	18411	2/2/2012			5/13/2012	
Comments: <u>Initial Completion to Wasatch</u> 7/31/2012 <b>CONFIDENTIAL</b>							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

ACTION CODES:

- 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)

Maria S. Gomez

Name (Please Print)

*Maria S. Gomez*

Signature

Principal Regulatory Analyst

7/31/2012

Title

Date

RECEIVED

JUL 31 2012

RECEIVED

AUG 03 2012

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

V. OF OIL, GAS & MINING

AMENDED REPORT [ ] FORM 8
(highlight changes)

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NUMBER:
Fee

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT or CA AGREEMENT NAME

8. WELL NAME and NUMBER:
Sprouse Bowden 2-18B1

9. API NUMBER:
4301333808

10. FIELD AND POOL, OR WILDCAT
BLUEBELL/ALTAMONT

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
NESW 18 2S 1W

12. COUNTY: DUCHESNE
13. STATE: UTAH

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] OTHER [ ]
b. TYPE OF WORK: NEW WELL [ ] HORIZ LATS. [ ] DEEP-EN [ ] RE-ENTRY [X] DIFF RESVR [ ] OTHER [ ]

2. NAME OF OPERATOR:
EP Energy E&P Company, L.P.

3. ADDRESS OF OPERATOR:
1001 Louisiana Street CITY Houston STATE TX ZIP 77002
PHONE NUMBER: (713) 599-5138

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 2427' FSL, 1525' FWL
AT TOP PRODUCING INTERVAL REPORTED BELOW: 2427' FSL, 1525' FWL
AT TOTAL DEPTH: 2427' FSL, 1525' FWL

14. DATE SPUDDED: 2/4/2008
15. DATE T.D. REACHED: 4/17/2008
16. DATE COMPLETED: 6/22/2012
ABANDONED [ ] READY TO PRODUCE [X]

18. TOTAL DEPTH: MD 12,473 TVD 12,473
19. PLUG BACK T.D.: MD 12,464 TVD 12,464
20. IF MULTIPLE COMPLETIONS, HOW MANY? \*

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
23. WAS WELL CORED? NO [X] YES [ ] (Submit analysis)
WAS DST RUN? NO [X] YES [ ] (Submit report)
DIRECTIONAL SURVEY? NO [X] YES [ ] (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

Table with 10 columns: HOLE SIZE, SIZE/GRADE, WEIGHT (#/ft), TOP (MD), BOTTOM (MD), STAGE CEMENTER DEPTH, CEMENT TYPE & NO. OF SACKS, SLURRY VOLUME (BBL), CEMENT TOP \*\*, AMOUNT PULLED. Rows include 17-1/4", 12-1/4", and 8-3/4" hole sizes.

25. TUBING RECORD
Table with 10 columns: SIZE, DEPTH SET (MD), PACKER SET (MD), SIZE, DEPTH SET (MD), PACKER SET (MD), SIZE, DEPTH SET (MD), PACKER SET (MD). Row for 2-7/8" size, 10,130 depth.

26. PRODUCING INTERVALS and 27. PERFORATION RECORD
Table with 10 columns: FORMATION NAME, TOP (MD), BOTTOM (MD), TOP (TVD), BOTTOM (TVD), INTERVAL (Top/Bot - MD), SIZE, NO. HOLES, PERFORATION STATUS. Rows for WASATCH, Lower Green Rive, (C), and (D).

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC. (continued in remarks)
Table with 2 columns: DEPTH INTERVAL, AMOUNT AND TYPE OF MATERIAL. Rows for 9658-9817, 9331-9561, and 9222-9258; 8886-9216.

29. ENCLOSED ATTACHMENTS:
[ ] ELECTRICAL/MECHANICAL LOGS
[ ] SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION
[ ] GEOLOGIC REPORT
[ ] CORE ANALYSIS
[ ] DST REPORT
[X] OTHER: Item #27 cont'd in additional remarks
[ ] DIRECTIONAL SURVEY

30. WELL STATUS:
Producing

RECEIVED

AUG 03 2012

DIV. OF OIL, GAS & MINING

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED: 6/22/2012		TEST DATE: 8/1/2012		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL - BBL: 74	GAS - MCF: 76	WATER - BBL: 88	PROD. METHOD: Flowing
CHOKE SIZE:	TBG. PRESS. 200	CSG. PRESS. 50	API GRAVITY 39.00	BTU - GAS	GAS/OIL RATIO 1	24 HR PRODUCTION RATES: →	OIL - BBL: 74	GAS - MCF: 76	WATER - BBL: 88	INTERVAL STATUS: OPEN

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Sold

33. SUMMARY OF POROUS ZONES (Include Aquifers):

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.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Green River	4,477	7,232		Green River	4,477
Mahogany Bench	7,232	8,536		Mahogany Bench	7,232
L. Green River	8,536	9,907		Lower Green River	8,536
Wasatch	9,907	12,473		Wasatch	9,907

36. ADDITIONAL REMARKS (include plugging procedure)

#27 continued: Open Perfs: 9658-9817; 9331-9562; 9222-9258; 8886-9216 (GARUL)

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

NAME (PLEASE PRINT) Linda Renken

TITLE Regulatory Analyst

SIGNATURE *Linda Renken*

DATE 8/3/2012

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

\* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

\*\* ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Box 145801  
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

<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>	5. LEASE DESIGNATION AND SERIAL NUMBER: FEE
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well	7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: EP ENERGY E&P COMPANY, L.P.	8. WELL NAME and NUMBER: SPROUSE BOWDEN 2-18B1
3. ADDRESS OF OPERATOR: 1001 Louisiana , Houston, TX, 77002	9. API NUMBER: 43013338080000
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2427 FSL 1525 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESW Section: 18 Township: 02.0S Range: 01.0W Meridian: U	9. FIELD and POOL or WILDCAT: BLUEBELL
	COUNTY: DUCHESNE
	STATE: UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/24/2013	<input checked="" type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> OTHER	OTHER: <input style="width: 100px;" type="text"/>

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

While performing routine operations (rod part), EP may need to acidize with 7500 gals.

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

**Date:** October 08, 2013

**By:** 

<b>NAME (PLEASE PRINT)</b> Maria S. Gomez	<b>PHONE NUMBER</b> 713 997-5038	<b>TITLE</b> Principal Regulatory Analyst
<b>SIGNATURE</b> N/A	<b>DATE</b> 9/24/2013	